

A high-speed photograph of water splashing, with numerous droplets frozen in mid-air above a turbulent surface. The background is a soft, out-of-focus blue.

WATERCO
water, the liquid of life

DAVEY

WATERCO EUROPE CATALOGUE
2026

Effective from 1st of January 2026

WATERCO

water, the liquid of life

Manufacturing Power House

Waterco's R&D division has led to the development of innovative products, meeting the challenges of change in the market place. The key to Waterco's success has been its pioneering fibreglass and plastic moulding techniques, as well as its efficient manufacturing processes.

Waterco acquired Lacron Limited in April 2003, at the time the UK's largest and most progressive manufacturer of pressure sand filters. Since this acquisition, Waterco has used this UK base for all its European operations.

Mission Statement

To be a proactive company with a strong international presence in the water treatment and related industries.
To provide outstanding customer service and technological support for its growing product range.

Waterco exports to over 115 countries via branches operating in Australia, New Zealand, Malaysia, China, the United Kingdom, France, United States of America, Canada, United Arab Emirates, Singapore and Indonesia as well as through international distributors.





DAVEY

Davey have been a leader in pump and water solutions since 1934 - both in Australia and across the world.

Our customers Depend on Davey every single day, to provide perfect pressure, healthy drinking water, protection from fire and flood, clean, relaxing pool or spas, or water to run farms or businesses.

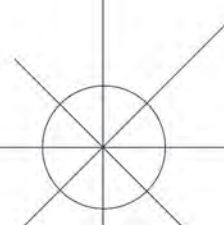
Our products are used in some of the world's toughest conditions, which is why they are built with dependability and reliability at their core.

Traditionally servicing the domestic water pumping, water treatment and swimming pool & spa markets, Davey has in recent years expanded its focus and product portfolio to include the commercial pumping, irrigation and commercial pool markets.

As Australia's leading pump brand, Davey are committed to keeping our communities safe and protected – especially those who rely on our products, day in day out.

You can Depend on Davey.

Waterco Ltd acquired Davey in September 2023



Conversion Tables

SOME USEFUL CONVERSIONS

Kilowatts	x 3412	=	B.T.U.	Ft ³	x 0.0283	=	m ³
kg	x 2.205	=	Pounds	Ft ³	x 6.2288	=	Gallons (imperial)
H.P.	x 0.7457	=	Kilowatts	m ³	x 220	=	Gallons (imperial)
Inches	x 2.540	=	Centimetres	imp Gallons	x 4.5461	=	Litres
Feet	x 0.3048	=	Metres	Ft ³	x 28.317	=	Litres
Sq. Ft.	x 0.0929	=	Sq. Metres	m ³	x 1000	=	Litres

Imperial Gallon	= 1.201	US Gallons	1m ³	= 220	Imperial Gallons
	= 0.004546	m ³		= 264.20	US Gallons
	= 4.546	litres		= 1,000	litres
US Gallons	= 0.833	Imperial Gallons	1 Litre	= 0.2200	Imperial Gallons
	= 0.003785	m ³		= 0.2640	US Gallons
	= 3.785	litres		= 0.0010	m ³

UPVC & ABS IMPERIAL PIPE - DIMENSIONS AND FLOW RATES

PIPE SIZE	PIPE CLASS	OUTSIDE DIAMETER	INTERNAL DIAMETER	CROSS SECTION AREA	SUCTION FLOWRATE MAX FLOW AT 1.2m/ sec VELOCITY		RETURN FLOWRATE MAX FLOW AT 2.0m/ sec VELOCITY	
inches		inches	inches	square inches	gal/hour	m ³ /hour	gal/hour	m ³ /hour
0.5"	E	0.842	0.692	0.376	232	1.1	386	1.5
0.75"	E	1.053	0.888	0.619	381	1.7	634	2.4
1"	E	1.321	1.102	0.954	587	2.7	978	3.7
1.25"	E	1.663	1.409	1.559	959	4.4	1598	6.0
1.5"	C	1.900	1.609	2.032	1250	5.7	2084	7.8
2"	C	2.375	2.137	3.586	2206	10.0	3677	13.9
3"	E	3.500	3.012	7.124	4382	19.9	7305	27.6
4"	E	4.500	3.846	11.615	7145	32.5	11910	45.0

HEAD AND PRESSURE

1ft Head	= 0.3048	metres head	1metre Head	= 3.281ft	ft Head
	= 0.4335	psi		= 1.422	psi
	= 0.02989	bar		= 0.09807	bar
	= 0.8827	inch/hg vacuum		= 2.896	inch/hg vacuum
	= 0.03048	kgf/cm ²		= 0.1000	kgf/cm ²

EQUIVALENT

METRIC		IMPERIAL	
Outside Dia.	Outside Dia. (Imperial)	Nominal Bore	Outside Dia. (Imperial)
20mm	0.67"	3/8"	0.675"
None	-	1/2"	0.842"
25mm	0.98"	3/4"	1.053"
32mm	1.26"	1"	1.321"
40mm	1.58"	1 1/4"	1.663"
50mm	1.97"	1 1/2"	1.900"
63mm	2.48"	2"	2.375"
75mm	2.95"	2 1/2"	2.960"
90mm	3.54"	3"	3.500"
110mm	4.33"	4"	4.500"
125mm	4.92"	none	-
140mm	5.51"	5"	5.520"
160mm	6.30"	6"	6.625"

IMPORTANT NOTE: When referring to pipe sizes, metric pipe is quoted by its actual outside diameter. Imperial pipe is quoted by its nominal bore or inside diameter.

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Flow Check Non Return Valves
FPI Valves
Actuator Valves
Multiport Valves
Commercial Multiport Valves
Pressure Gauges

15-20 MultiCyclone Prefilters

MultiCyclone
MultiCyclone Plus / Ultra
MultiCyclone PRO
Base Stands
MultiCyclone MC70XL

21-34 Domestic Filters

Micron Top
Micron Side
Lacron LSR Side
Lacron TMV Top
Exotuf Top
Moulded Skid Base
Trimline Cartridge Filter
Opal XL Cartridge
Fulflo Tri-Cartridge
MultiCyclone Duo
Opal Ultra
Davey CrystalClear ER
Trimline Leaf Trapper

35-48 Commercial Filters

Service Side Hatch
Micron SMD
Micron SMDD
Micron SPDD
Micron SPDD DIN
Hydron Split Tank
Micron Horizontal
Lacron HZC Horizontal
Lacron LSC
Finaflow MBF
Finaflow DBF
Valve Batteries
Sight Glass
Pressure Gauge Panel
Auto Air Release Valve

49-52 Filtration Media

EcoPure Glass Media
Glass Pearls

53-66 Domestic Pumps

Aquamite
Supastream
Lacronite / Lacronite ECO
Supatuf / Supatuf ECO V
Hydrostorm
Hydrostorm Plus
TurboFlo
Davey Silensor Pool Pump
Davey Silensor Pro VSD Bluetooth
Davey StarFlo VS
Davey StarFlo

67-78 Commercial Pumps

Hydrostar MKIII
Hydrostar MKIV
Hydrostar Plus 2940 rpm
Hydrostar Plus 1450 rpm
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Hydro Commercial Strainer
Flange Kits
Sight Glass
Variable Frequency Drive (VFD)

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Ultravac Portable Filtration Cart
PRO Pool Care
Aquafingers

87-88 Pool Water recirculation

Skimmers
Hydrostatic valve

89-96 Sanitisation

Aqualis Saltwater Chlorinator
Davey EcoSalt 2
Davey Lifeguard
Davey Regul'matic
UV-C Disinfection System

97-102 Heating

VariTropic Front Fan
VariTropic Top Fan
ElectroHeat XL ECO-V

103-108 Aquaculture

Exotuf Aquabiome Bead Filter
Micron Aquabiome Bead Filter
MultiCyclone
Aquamite
Airflo Air Blower
UV-C Disinfection System

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Micron W / WD Series
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113-116 Warranty Terms and Conditions

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4 way 1.5" / 50mm
6 way 1.5" / 50mm
6 way 2" / 63mm
6 way 2.5" / 75mm
6 way 3" / 90mm
Commercial 4" / 110mm

16-21 MultiCyclone

MultiCyclone 12 (standard)
MultiCyclone 16 (standard)
MultiCyclone 12 Plus / Ultra
MultiCyclone 16 Plus / Ultra
MultiCyclone 70 XL Commercial
MultiCyclone Duo

22-49 Domestic Filters

Trimline Cartridge TCF
Opal Ultra
Opal XL Cartridge
Leaf Trapper
Fulflo DE (Astra)
Fulflo Tri-Cartridge
Waterco TM Micron/Exotuf
Exotuf Plus SM
Exotuf Plus TM
Micron SM
LacronTM
Lacron Pure
Lacron SM
Lacron Plus

50-70 Commercial Filters

Micron SMD / SMDD
Micron SPDD
Micron Horizontal
Hydron Split Tank
Lacron Horizontal
Lacron Commercial SM
Lacron MBF
Lacron DBF

71-84 Pumps

Aquamite
Lacronite
Supatuf
Supastream
Hydrostorm
Hydrostorm Plus
Turboflo
Hydrotuf
Hydrostar
Hydrostar Plus

85-93 General Equipment

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Ultra Vac Cart
Supaskimmer
Hydrochlor
Top Load Cartridge Filter
Air Blowers
Commandomatic Trimline Filter
W & WD Deep Bed Filter

94-104 Heat Pumps

ElectroHeat Plus
ElectroHeat Titanium
ElectroHeat Inverter
ElectroHeat Ultra / Subzero

105-106 Aquaculture

Aquabiome SM400-900
Exotuf Aquabiome E500, E600, E702

Terms and Conditions of Sale

1. PURCHASES

We request that orders be made in writing using product code numbers and descriptions as published in our price list. This will minimise the possibilities of errors.

2. DELIVERY

Delivery time will be 14 days from receipt of orders in the case of material available ex-stock. Where items are out of stock, we will specify supply date immediately upon receipt of order. Supply date is the date materials leave our warehouses as we cannot be held responsible for changes in shipping schedules or shipping delays.

3. PAYMENT

Payment in advance by telegraphic transfer unless credit arrangements have been approved.

4. MINIMUM ORDER

Minimum order value is £50.00 (excluding taxes and freight) or a surcharge of £20.00 will apply.

5. PRICES

Prices are inclusive of standard packing ex-warehouse and in £. Waterco Europe Ltd reserve the right to change the price without prior notice.

6. SPECIFICATIONS

All specifications and electrical data are for guidance only. Dimensions are subject to tolerance (+/-1%). Designs may be modified without notice. Please contact Waterco to confirm current product dimensions and technical data.

7. WARRANTY

All Waterco Europe Ltd products are manufactured using the finest quality materials available and are subject to the most stringent quality and performance tests. For full details of our Warranty Terms and Conditions, please see page 113-116.

8. ORDERS

The customer shall, within fourteen (14) days upon receipt of a completed order, report to Waterco Europe Ltd in writing, all incorrect deliveries. Deliveries shall be assumed to be correct and no adjustment shall be made unless such notice is provided to Waterco Europe Ltd within fourteen (14) days of the date of receipt of the goods. No stock returns will be accepted without prior written agreement from Waterco Europe Ltd.

9. RESTOCKING FEES

PRODUCT	RESTOCKING FEES
Commercial Filters	£250
Heat Pump	£250
Commercial Pumps	£150
All other products	25% of value

PLEASE NOTE THESE ARE RE-STOCKING FEES ONLY AND NOT APPLICABLE TO WARRANTY RETURNS.

Return carriage charges and arrangements will be the responsibility of the customer wishing to return the goods, and no carriage charges will be included in any subsequent refund issued.

No credit will be issued unless goods are returned in a resalable condition including all packaging, and after the product has been tested/inspected and approved.

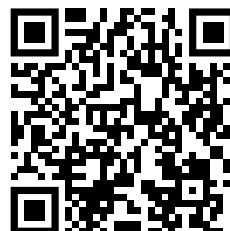
10. OWNERSHIP OF GOODS

Ownership of the goods in all cases shall be retained by Waterco Europe Ltd until payment is made for such goods and for all goods supplied by Waterco Europe Ltd to the customer and such payment is received in full. In the event that the customer fails to make payment within the due date stipulated by Waterco Europe Ltd, Waterco Europe Ltd shall have the right to enter upon the premises of the customer and to regain possession of the said goods. In the event that such goods are sold by the customer prior to payment thereof, or if they shall become constituents of other goods, then the proceeds of sale thereof shall be the property of Waterco Europe Ltd.

11. DISPUTES

Any dispute must be received in writing by Waterco Europe Ltd within 14 days of receipt of goods.

12. The Waterco (Europe) Ltd Terms & Conditions of Sale are correct at the time of print. These terms & conditions can be updated at any time and are available to download from our Waterco Ltd Website; www.waterco.eu or by scanning the QR code.



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VALVES

MULTICYCLONE

FILTERS

COMMERCIAL FILTERS

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POOL WATER RECIRCULATION

SANITISATION

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PURIFICATION SYSTEMS

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CLIMATECARE
CERTIFIED

THE NEW BENCHMARK IN **ENVIRONMENTAL SUSTAINABILITY** FOR SWIMMING POOLS & SPAS



The Climate Care Certification Program is an initiative of the Swimming Pool & Spa Association of Australia Ltd (SPASA Australia).

It is the industry's efficiency and sustainability certification program.

A CLIMATE CARE CERTIFIED PRODUCT, SYSTEM OR INSTALLATION / RETROFIT / CONSTRUCTION IS ONE THAT CREATES A NEW BENCHMARK FOR SWIMMING POOLS AND SPAS WHICH UTILISES:

- ✓ WATER EFFICIENCY / SUSTAINABILITY
- ✓ ENERGY EFFICIENCY
- ✓ NOISE REDUCTION MEASURES
- ✓ ENVIRONMENTALLY SUSTAINABLE DESIGNS
- ✓ EFFICIENCY / SUSTAINABILITY / INNOVATION

WATERCO
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Valves



Valves



Flow Check Valve 180°



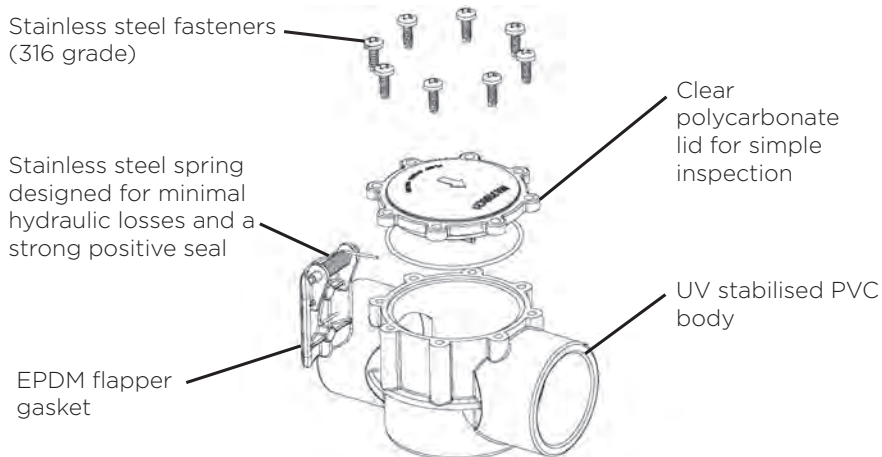
Flow Check Valve 90°

- Eliminate the loss of prime on the suction side of a pump.
- Prevent the drain down of water towards pumps and filters.
- Prevent water flow in an unwanted direction.

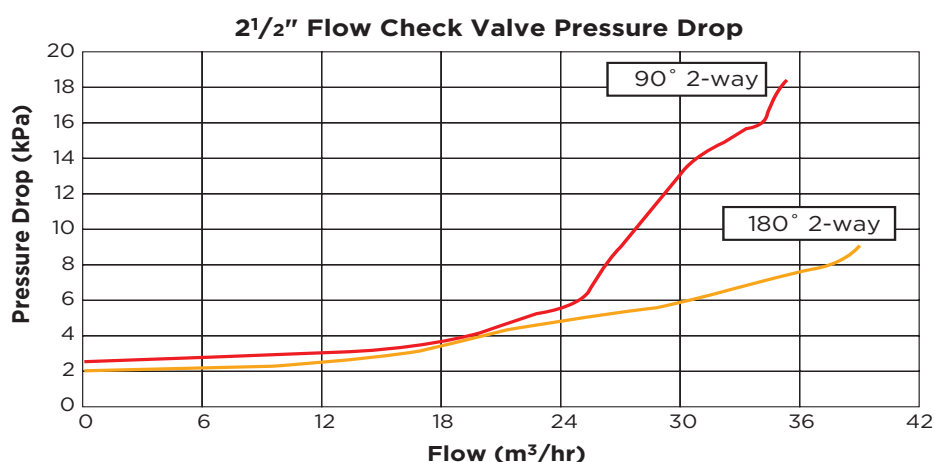
FLOW CHECK NON RETURN VALVE

Part No.	Product Description	Nom. Size
14653	Flow Check Valve 180°	63/75mm
14651	Flow Check Valve 180°	2"/2 1/2"
146539	Flow Check Valve 90°	63/75mm
146519	Flow Check Valve 90°	2"/2 1/2"

The Flow Check Valve has been designed to be simple to install, inspect and service. With a stainless steel spring designed for minimal hydraulic losses and a stronger positive seal, it is ideal for both inlet and return lines.



The Flow Check Valve's pressure rating of 4 bar (58 psi) and its 316 stainless steel fasteners make it suitable for domestic and commercial applications.



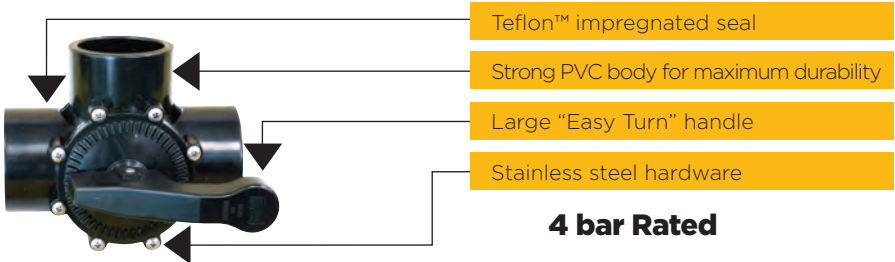
Valves



3 way valve 14863

MANUAL FPI VALVES - With Teflon Seals

Part No.	Product Description	Nom. Size
14852	2 Way Valve slip fit - Teflon™ impregnated seals	1½"/2"
14863	3 Way Valve 360° slip fit - Teflon™ impregnated seals	1½"/2"
148533	3 Way Valve 360° slip fit Metric- Teflon™ impregnated seals	50mm
148563	2 Way Valve slip fit Metric - Teflon™ impregnated seals	63/75mm
148603	3 Way Valve 360° slip fit Metric- Teflon™ impregnated seals	63/75mm



Teflon™ seals

Teflon™ seals offer minimal friction and smooth operation.

Quick installation

The FPI valve body is made from UPVC. Its compatibility with PVC pipes will ensure quick setting and a stronger bond.

Engineered strength

Both the FPI Valve lid and handle are constructed from premium ABS plastic. The valve's steel components are constructed from high quality 316 grade stainless steel.

High pressure rating

The advanced design and construction of the FPI valves enable them to withstand a working pressure of 4 bar (58 psi).



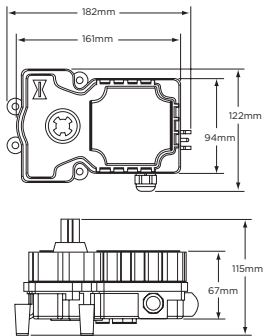
FPI VALVES ACTUATOR

Part No.	Product Description
36526071	24VAC FPI Valve Actuator
For compatible valves please see below	

- **Designed to operate 2-way and 3-way FPI valves**
- **Adjustable cam rotates diverter valves to multiple degree settings**
- **Provides automatic control of valves for water features, pool/spa combinations, solar collectors and pool cleaners**
- **Retro-fits into all pool/spa control systems offered in the market**

Specifications

Voltage	24 VAC
Amps	0.65
Torque	250 inch pounds (288 kilograms force centimeter)
Material	Housing - Noryl; Gears - steel
Grease	MoS2 Lubricant
Cord length	15' (457.2 cm)
Rated	Outdoor use



ACTUATOR FPI VALVES - SUITABLE FOR USE WITH VALVE ACTUATOR

Part No.	Product Description
148584	3 Way Valve Slip-fit Teflon impregnated seal 2"/2 ½"
148564	2 Way Valve Slip-fit Teflon impregnated seal 2"/2 ½"

The actuator FPI valve is specifically designed to be used in conjunction with the FPI valve actuator (36526071 above).

By simply unscrewing the thumb screw the valve handle can be removed and the valve actuator fitted.

Valves

Valves

TOP MOUNT MULTIPORT VALVES 4 bar

Part Number	Product Description:	Suits Filter
All valves come complete with PVC quick connect unions and air-relief valve		
Top Mount MPV 1 1/2"		
2280424	1 1/2" / 50mm clamp type 6"	Thermoplastic T400, T500 / Exotuf E400, E450 (Pre 2024)
22804456EUM	1 1/2" / 50mm clamp type 6"	Exotuf E400, E450 (Post 2025) E500, E600, E500+ & E600+
22804416EUM	1 1/2" / 50mm threaded type	Micron S500, S600, S700 TMV18, TMV20, TMV24
2280443EUM	1 1/2" / 50mm collar type 10"	S600E & S700E Premium
Top Mount MPV 2"		
228053EURO	2" / 63mm 12-stud bolt-on type	Micron S602, S702, S750, S800, S900 / Micron SD750, SD900
228058EUM	2" / 63mm clamp type 8"	Exotuf E602+, E702+



Part code: 2280424



Part code:22804456EUM



Part code:22804416EUM



Part code: 2280443EUM



Part code: 228053EURO



Part code:228058EUM

Valves

SIDE MOUNT MULTIPORT VALVES 4 bar

Part No.	Product Description	Suits Filter
All valves are complete with PVC quick connect unions & air-relief valve		
Side Mount MPV 1.5"		
2290422	1½" / 50mm MPV - Suits elbow pipe set 121558 (not included)	Exotuf Side E500-600 Micron SM400, SM500, SM600, SMD600 Lacron LSR16, LSR18, LSR20, LSR24 Lacron Pure LSR20, LSR24 Lacron Bobbin LFW20, LFW24, LFW28 Finaflow MBF24
229042	1½" / 50mm Bead Filter MPV	Pond Professional and Aquabiome Bead Filter
Side Mount MPV 2"		
2290512EURO	2" / 63mm MPV - Suits sweep elbow pipe set 121559* (not included)	Exotuf Side E602, E702 Micron SM602, SM700, SM750, SM900, SMD750, SMDD750 Lacron LSR30, LSR36 (ADD OFFSET ADAPTOR W22259) Lacron BOBBIN LFW30
4104	2" / 63mm MPV - white - Suits sweep elbow pipe set 1215590 (not included)	Lacron LSR30 / Lacron Pure LSR30 DBF24 Finaflow MBF30, DBF30
22905123	2" / 63mm MPV + rigid 90° pipe set- 214mm pitch (included)	Lacron LSR30
22905124	2" / 63mm MPV + rigid 90° pipe set- 300mm pitch (included). Special request only	Lacron LSR 36" (2" connections)
229052	2" / 63mm Bead Filter MPV	Pond Professional and Aquabiome Bead Filter
Swept Elbow Pipe Sets only - No MPV		
121558	1½" Waterco Sweep Elbow pipe set	Lacron LSR16, LSR18, LSR20, LSR24 (post 2004) LFW Range
1215580	1½" Waterco Sweep Elbow pipe set	Lacron LSR18-24 (pre 2004)
121559	2" Waterco Sweep Elbow pipe set	Micron SM700-900
1215590	2" Waterco Sweep Elbow pipe set	Lacron & Lacron Pure LSR30, MBF30

Please Note: 1.5" Lacon filters manufactured pre 2004 will have union adaptors (Barrel Unions) with flat gaskets. 1.5" Lacon filters manufactured post 2004 will have union adaptors (Barrel Unions) with 'O' rings

* Not suitable with the Lacron 36"



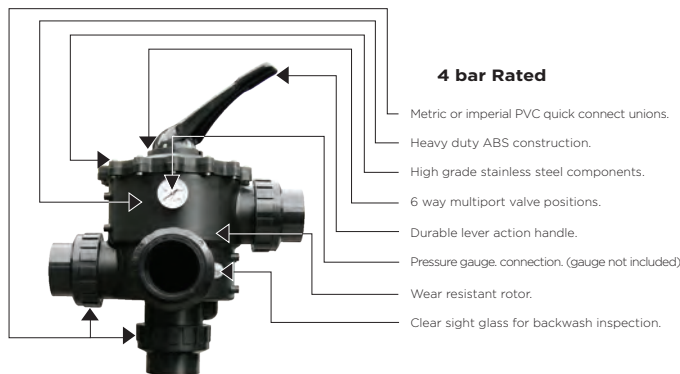
Part code: 2290422 / 121558



Part code: 2290512EURO



Part code: 4104



Waterco Multiport Valves

Constructed from heavy duty ABS and GFPP, Waterco Multiport valves are designed for maximum performance and working pressures. Waterco's entire range of Multiport valves are engineered to withstand a working pressure of up to 4 bar (58 psi) with a test pressure of 6 bar (87 psi).

Valves

COMMERCIAL MULTIPORT VALVES 4 bar

Part Number	Product Description:	Suits Filter
Side Mount		
2290501	2 1/2" / 75mm MPV only	SM1050 - SM1200
22905040	2 1/2" / 75mm MPV with pipe kit	SM1050 - SM1200
2290900	3" / 90mm Side Mount MPV only	SMD / SMDD900 - 1600 / SPDD1050 - 1200 / LSC36 - 48 / DBF 36 - 42
2290905	3" / 90mm MPV with pipe kit	SMD900 - 1600
2291100	4" / 110mm Side Mount MPV only	SMD / SMDD1600 - 2000 / SPDD1400 - 1600
2291105	4" / 110mm MPV with pipe kit. (special request)	SMD1600-2000



Part code: 2291100



Part code: 2290900



Part code: 2290905



Part code: 22905040

WATERCO PRESSURE GAUGES

Part Number	Product Description:	Suits Filter
Side Mount		
62109-HBG	Pressure gauge back mount air filled - 400 kPa / 60 psi	Exotuf Exotuf Plus
W02703	Pressure gauge bottom mount air filled 400kPa	Fulflo / Trimline / Multicyclone
621632	Pressure gauge side mount liquid filled 400kPa	Micron / Opal / Aquabiome
621612	Pressure gauge bottom mount air filled 2.5 bar / 35 psi	Lacron / Lacron Bead Filter
621621	Pressure gauge 110mm - 600kPa - Commercial filters	SMD / SMDD / SPDD
6216402	Dual Pressure Panel	

MultiCyclone

INDICACIONES

Multi-
cyclone



WATERCO
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MULTI CYCLONE

CENTRIFUGAL WATER FILTRATION



MC12



MC16
Gen 2

WATERCO MULTICYCLONE FILTER

Part No.	Product Description	Nom. Size
200374	MultiCyclone MC12	1 1/2" / 50mm
200506	MultiCyclone MC16 Gen2	2" / 63mm

For base stands please see page 19



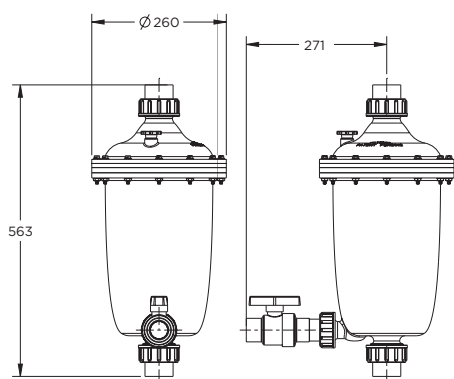
The MultiCyclone uses centrifugal filtration to separate sediment before it reaches the main filter, dramatically reducing sand filter backwashing frequency or filter cartridge replacement, saving water, energy, time, and chemicals.

Water enters hydro-cyclones tangentially, spinning debris to the cyclone wall where it collects in a clear sediment chamber. Cleaning is simple, open the valve to flush out accumulated debris, using only 15 litres of water.

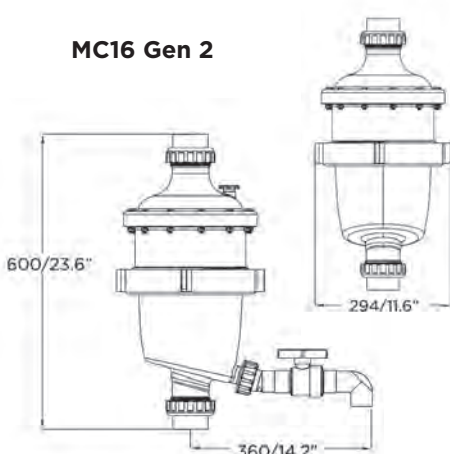
The new MC16 Gen2 MultiCyclone builds on this proven design with reduced pressure drop, delivering greater energy and water efficiency, optimised particle removal, faster cleaning, and cleaner, healthier pool water.

Both models feature no moving parts, are easy to install, and are backed by Waterco's 2-year warranty.

MC12



MC16 Gen 2



Specifications

Model	Hydrocyclones	Connection Ports	Minimum Flow	Maximum Flow	Maximum Pressure
MultiCyclone MC12	12	1 1/2" / 50mm	2.4m³/hr	18m³/hr	350 kPa (50psi) 3.5 bar
MultiCyclone MC16	16	2" / 63mm	3m³/hr	30m³/hr	350 kPa (50psi) 3.5 bar





MULTI CYCLONE PLUS

CENTRIFUGAL WATER FILTRATION

WATERCO MULTICYCLONE FILTER

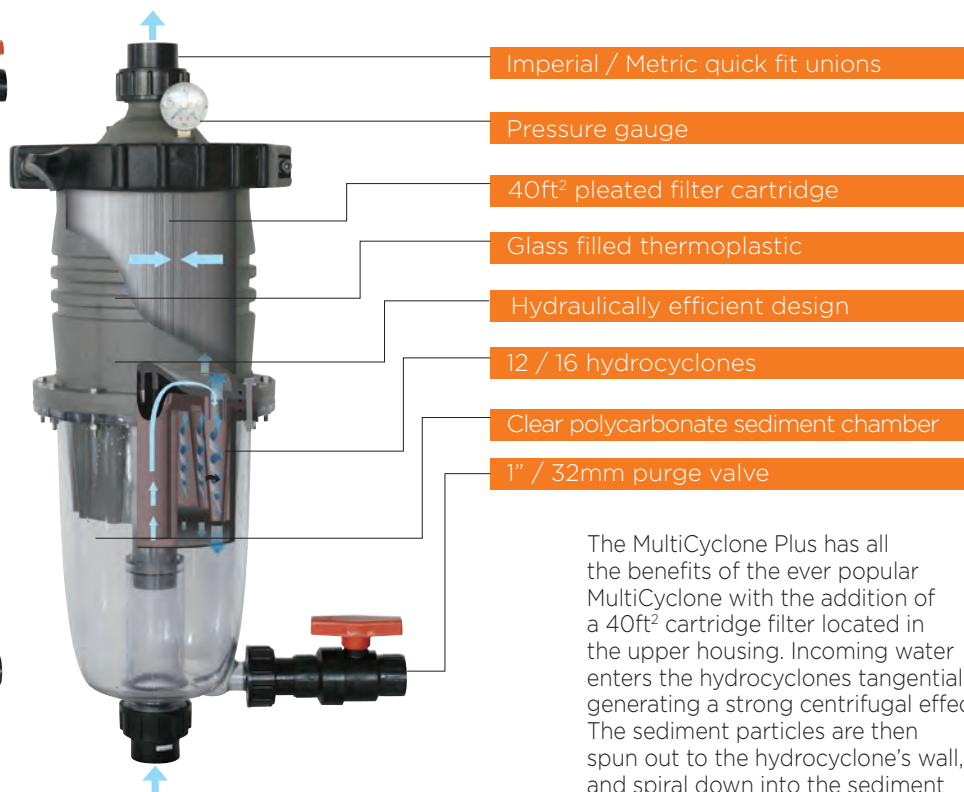
Part No.	Product Description	Nom. Size
200380	MultiCyclone Plus MC12 c/w 40sqft. Cartridge	1 1/2" / 50mm
200381	MultiCyclone Plus MC16 c/w 40sqft. Cartridge	2" / 63mm
For replacement cartridges please see page 19 spares catalogue		
For base stands please see page 19		

Multi-cyclone

MC12 (40)

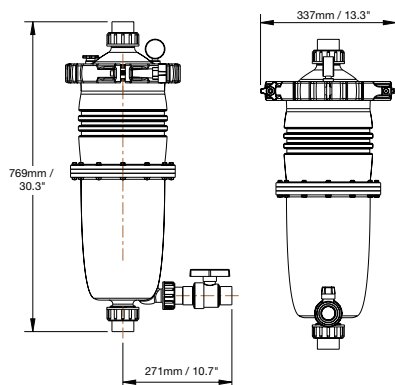


MC16 (40)

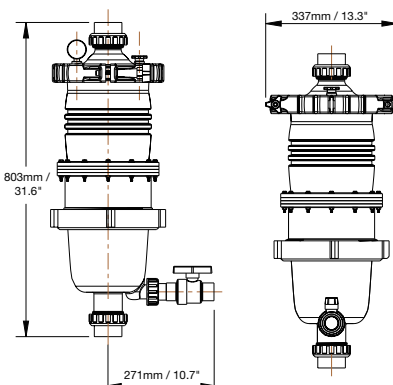


The MultiCyclone Plus has all the benefits of the ever popular MultiCyclone with the addition of a 40ft² cartridge filter located in the upper housing. Incoming water enters the hydrocyclones tangentially, generating a strong centrifugal effect. The sediment particles are then spun out to the hydrocyclone's wall, and spiral down into the sediment chamber. The filtered water then migrates towards the centre of the hydrocyclone where the water reverses and spirals upwards and through a 40ft² cartridge element before exiting the MultiCyclone Plus. The addition of the cartridge element provides the highest standard of filtration possible with very little need for cleaning. The majority of the sediment is removed by the hydrocyclones. The sediment level can be visually monitored through the MultiCyclone's clear sediment bowl. The pressure gauge located at the top of the unit indicates when the cartridge requires cleaning. The cartridge can easily be removed by undoing the locking ring.

MultiCyclone 12 Plus



MultiCyclone 16 Plus



Specifications

Model	Hydrocyclones	Connection Ports	Minimum Flow	Maximum Flow	Filter Area	Maximum Pool Size	Maximum Pressure
MultiCyclone Plus MC12	12	1 1/2" / 50mm	2.4m ³ /h	9m ³ /h	40ft ² / 3.7m ²	55m ³	350 kPa (50 psi) 3.5 bar
MultiCyclone Plus MC16	16	2" / 63mm	3m ³ /h	13.5m ³ /h	40ft ² / 3.7m ²	80m ³	350 kPa (50 psi) 3.5 bar

MULTI CYCLONE ULTRA

CENTRIFUGAL WATER FILTRATION



MC12 (75)



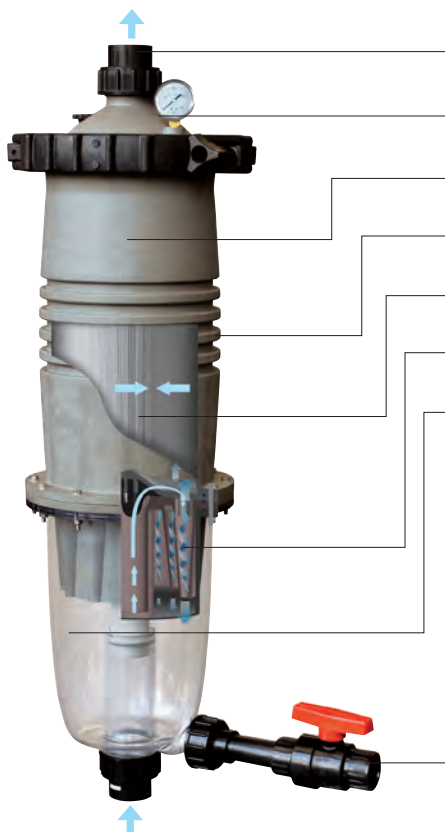
MC16 (75)

WATERCO MULTICYCLONE FILTER

Part No.	Product Description	Nom. Size
200382	MultiCyclone Ultra MC12 (75) c/w 75sqft. Cartridge	1 1/2" / 50mm
200383	MultiCyclone Ultra MC16 (75) c/w 75sqft. Cartridge	2" / 63mm

For replacement cartridges please see page 19 spares catalogue

For base stands please see page 19



Imperial / Metric quick fit unions

Pressure gauge

Hydraulically efficient design

Glass filled thermoplastic

75ft² pleated filter cartridge

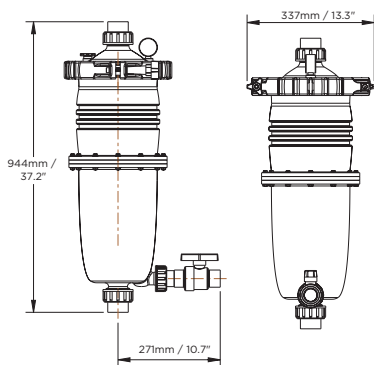
12 / 16 hydrocyclones

Clear polycarbonate sediment chamber

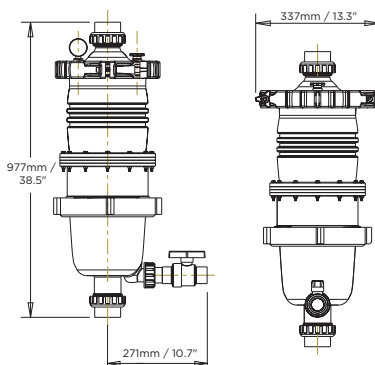
1" / 32mm purge valve

The MultiCyclone Ultra has all the benefits of the ever popular MultiCyclone with the addition of a 75ft² cartridge filter located in the upper housing. Incoming water enters the hydrocyclones tangentially, generating a strong centrifugal effect. The sediment particles are then spun out to the hydrocyclone's wall, and spiral down into the sediment chamber. The filtered water then migrates towards the centre of the hydrocyclone where the water reverses and spirals upwards and through a 75ft² cartridge element before exiting the MultiCyclone Ultra. The addition of the cartridge element provides the highest standard of filtration possible with very little need for cleaning. The majority of the sediment is removed by the hydrocyclones. The sediment level can be visually monitored through the MultiCyclone's clear sediment bowl. The pressure gauge located at the top of the unit indicates when the cartridge requires cleaning. The cartridge can easily be removed by undoing the locking ring.

MultiCyclone 12 Ultra



MultiCyclone 16 Ultra



Specifications

Model	Hydrocyclones	Connection Ports	Minimum Flow	Maximum Flow	Filter Area	Maximum Pool Size	Maximum Pressure
MultiCyclone Ultra MC12	12	1 1/2" / 50mm	2.4m ³ /h	13.5m ³ /h	75ft ² / 6.9 m ²	81m ³	3.5 bar 350 kPa (50 psi)
MultiCyclone Ultra MC16	16	2" / 63mm	3m ³ /h	16.8m ³ /h	75ft ² / 6.9 m ²	100m ³	3.5 bar 350 kPa (50 psi)



7 bar

MULTI CYCLONE PRO

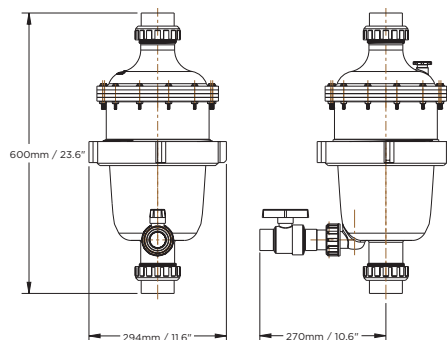
INDUSTRIAL CENTRIFUGAL WATER FILTRATION

WATERCO MULTICYCLONE FILTER

Part No.	Product Description	Nom. Size
200386	MultiCyclone Pro 7 bar pre-filter	2" / 63mm

The MultiCyclone Pro has all the benefits of the standard MultiCyclone model with the added benefit of being able to withstand higher pressure. Rated to 7 bar the MultiCyclone Pro is specifically designed for the more demanding industrial market.

Manufactured using UV and corrosion resistant glass-filled reinforced thermoplastic the MultiCyclone Pro offers all water saving benefits of our MultiCyclone technology together with the strength and durability necessary for an industrial installation.



Specifications

Model	Hydrocyclones	Connection Ports	Minimum Flow	Maximum Flow	Maximum Pressure
MultiCyclone Pro	16	2" / 63mm	3m ³ /hr	30m ³ /hr	690 kPa (100 psi) 7 bar



MultiCyclone Base (Standard)
Dimensions: 360mm (H) x 360mm (W) x 329mm (D).

WATERCO MULTICYCLONE BASE STANDS

Part No.	Product Description
200372	MultiCyclone Base (Standard)
2003730	MultiCyclone Over Pump Stand (not suitable for MC Pro)

MultiCyclone base stands are suitable for:

- MultiCyclone 12, 16 & 16 Gen2
- MultiCyclone Plus 12 & 16
- MultiCyclone Ultra 12 & 16
- MultiCyclone Pro (standard base only)



Over Pump Stand
Dimensions:
795mm (H) x
440mm (W) x
350mm (D)



MultiCyclone



The MultiCyclone Commercial 70XL is the latest addition to the MultiCyclone range. Although very different in appearance to the previously released models, this unit still has all the water and energy saving benefits of the standard MultiCyclone model. Specifically designed for commercial installations, the MultiCyclone Commercial XL70 has 4" / 110mm ports and uses 70 hydrocyclones, allowing it to function with a flow rate of 90m³/hr.

The debris can be seen through the clear sight glass and flushed out of the purge valve.

Specifications

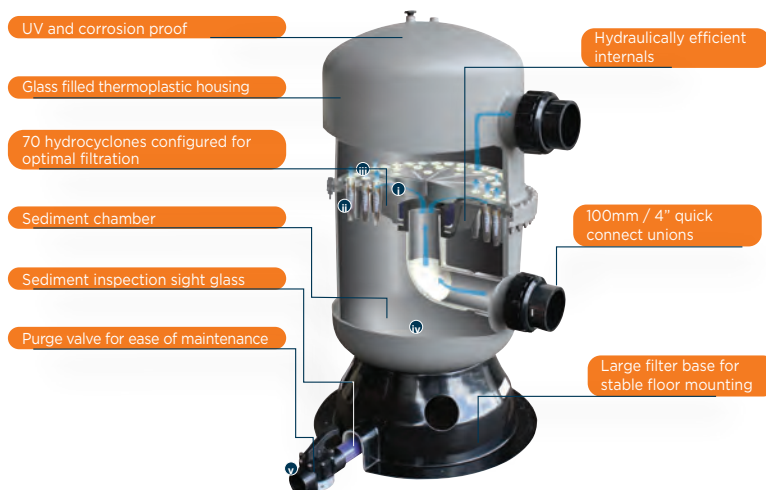
MultiCyclone 70 XL Commercial	
Connection Ports	4" /110mm
Minimum Flow	36m ³ /hr
Maximum Flow	90m ³ /hr
Maximum Pressure	3.5 bar 350 kPa (50 psi)

MULTI CYCLONE 70 XL COMMERCIAL

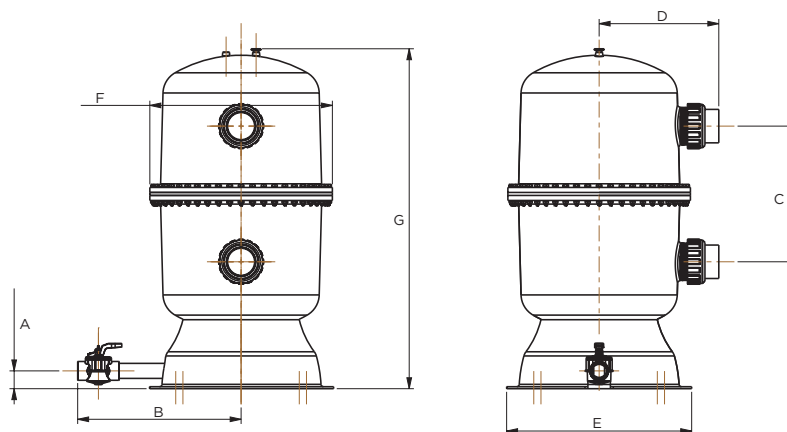
COMMERCIAL CENTRIFUGAL WATER FILTRATION

WATERCO MULTICYCLONE FILTER

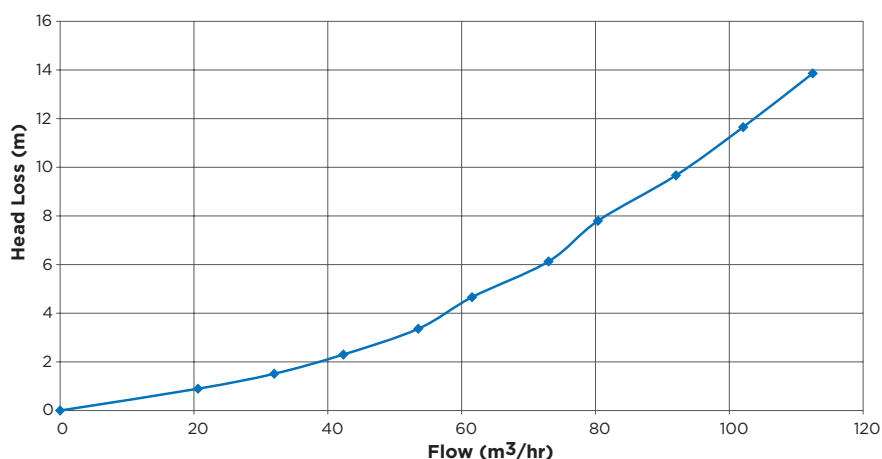
Part No.	Product Description	Nom. Size
200393	MultiCyclone 70 XL Commercial	4"/110mm



Model	A	B	C	D	E	F	G
MultiCyclone Commercial Pre-Filter	710	654	542.5	478.5	740	730	1359



MultiCyclone 70XL Head Loss Curve



Filters

Filters



WATERCO
water, the liquid of life

General Filters



In a conventional lateral system “Dead legs” exist between the laterals and water flow is not optimised through the filter bed. Waterco’s “Fish Tail” lateral configuration eliminates any “dead legs” by improving water flow distribution through the filter bed. The lateral design significantly improves filtration and reduces backwash times, ultimately saving water. This system is now standard on the Micron range.



Filament Wound Filters

Micron fiberglass filters embody the latest in fiberglass winding technology. Micron fiberglass vessels consist of an inner shell of fiberglass reinforced polyester resin wound over with fiberglass filament. Waterco’s digitally controlled filament winding machine faultlessly winds continuous strands of high quality fiberglass filament under controlled tension to create a seamless one-piece vessel with refined consistency and superior quality. There are no welds or seams or special tank linings which can corrode or electrolyse.



WATERCO MICRON TOP MOUNT BOBBIN WOUND SAND FILTERS - 2.5 bar pressure rating

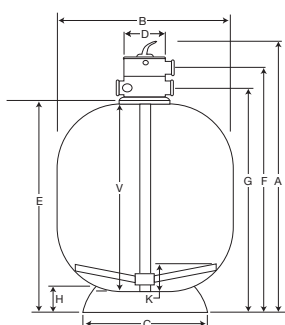
Part No.	Product Description	Nom. Size
With Multiport Valve & Barrel Unions. MPV supplied with an oil filled pressure gauge and both metric and imperial quick connect unions		
K220122DP	S500 - c/w 1½" MPV (50mm)	20"
K220124DP	S600 - c/w 1½" MPV (50mm)	24"
K220126251DP	S602 - c/w 2" MPV (63mm)	24"
K220128DP	S700 - c/w 1½" MPV (50mm)	28"
K220129DP	S702 - c/w 2" MPV (63mm)	28"
K220130DP	S750 - c/w 2" MPV (63mm)	30"
K220132DP	S800 - c/w 2" MPV (63mm)	32"
K220136DP	S900 - c/w 2" MPV (63mm)	36"

Technical Specification

Model No.	Inner Dia. (mm)	Bed Depth (mm)	Filter Area (m²)	Valve Size (in/mm)	Sand 16/30 (kg)	EcoPure (kg)	Glass Pearls (kg)	Dom. flow (m³/hr)	Max. Pool Size (m³)	Com. flow (m³/hr)	Min. Pool Size (m³)
S500	500	280	0.20	1.5/50	95	78	105	9.4	57	7.1	28
S600	600	295	0.28	1.5/50	155	127	171	13.6	83	10.2	41
S602	600	295	0.28	2/63	155	127	171	13.6	83	10.2	41
S700	700	330	0.38	1.5/50	230	189	254	18.5	115	13.9	56
S702	700	340	0.38	2/63	230	185	249	18.5	115	13.9	56
S750	750	340	0.44	2/63	260	214	288	21.2	132	15.9	64
S800	800	420	0.50	2/63	340	279	376	24.1	144	18.1	72
S900	900	420	0.64	2/63	470	386	520	30.5	183	22.9	92

Dimension (mm)

Model	A	B	C	D	E	F	G	H	V	K
S500	864	505	484	180	625	731	672	88	525	94
S600	968	622	484	180	721	832	778	88	620	136
S602	1085	622	484	220	735	905	778	88	620	143
S700	932	723	620	180	692	801	743	90	650	139
S702	1072	723	620	220	722	892	792	90	652	122
S750	1217	772	620	220	867	1037	937	90	773	127
S800	1157	810	620	220	807	977	877	90	713	111
S900	1234	910	620	220	884	1054	954	90	785	163



CLIMATECARE
CERTIFIED

* in conjunction with
Glass Pearls media

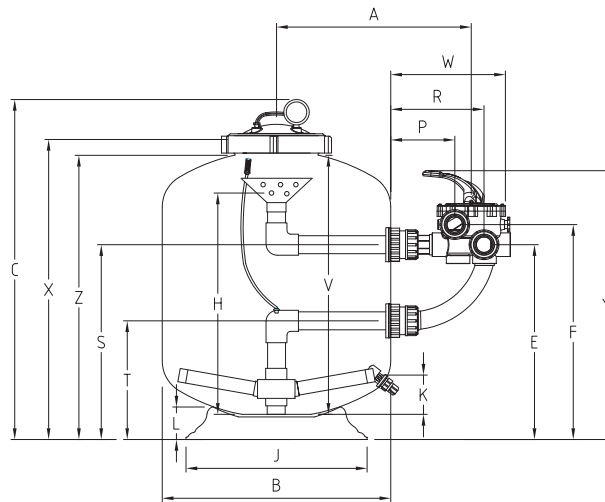
General Filters



WATERCO MICRON SIDE MOUNT BOBBIN WOUND SAND FILTERS - 2.5 bar pressure rating

Part No.	Product Description	Nom. Size
Filters with 8" neck lock ring c/w multiport valve, barrel unions & oil filled pressure gauge. MPV supplied with both metric and imperial quick connect unions.		
K22000820EU	SM500 - c/w 1 1/2" MPV (50mm)	20"
K22000824EU	SM600 - c/w 1 1/2" MPV (50mm)	24"
K22005824EU	SM602 - c/w 2" MPV (63mm)	24"
K22000828EU	SM700 - c/w 2" MPV (63mm)	28"
K22000830EU	SM750 - c/w 2" MPV (63mm)	30"
K22000836EU	SM900 - c/w 2" MPV (63mm)	36"

See commercial section for larger size Side Mount Filters up to 2.5m (98")



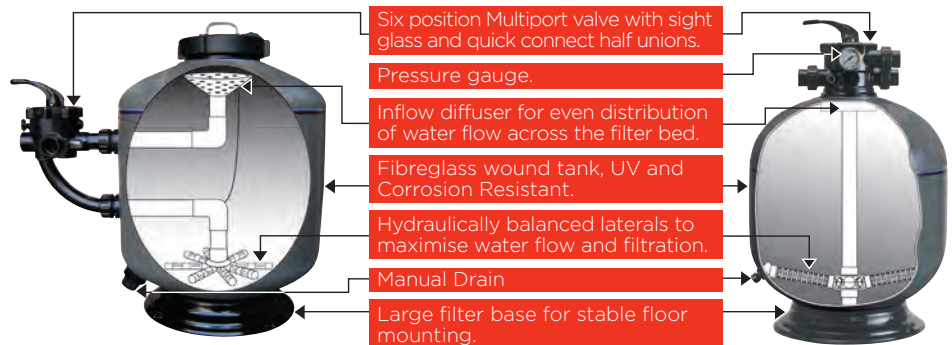
Technical Specification

Model No.	Inner Dia. (mm)	Bed Depth (mm)	Filter Area (m²)	Valve Size (r/mm)	Sand 16/30 (kg)	EcoPure (kg)	Glass Pearls (kg)	Dom. flow (m³/hr)	Max. Pool Size (m³)	Com. flow (m³/hr)	Min. Pool Size (m³)
SM500	500	290	0.20	1.5/50	95	78	105	9.4	56	7.1	43.2
SM600	600	360	0.28	1.5/50	165	136	183	13.6	81	10.2	60.5
SM602	600	360	0.28	2/63	165	136	183	13.6	81	10.2	60.5
SM700	700	380	0.38	2/63	240	197	265	18.5	111	13.9	82.1
SM750	750	400	0.44	2/63	285	234	315	21.2	127	15.9	95.0
SM900	900	440	0.64	2/63	440	362	487	30.5	183	22.9	138.2

Dimension (mm)

Model	A	B	C	W	R	P	E	F	K	H	L	X	Y	Z	J	S	T	V
SM500	475	520	846	306	249	153	594	649	100	585	70	743	790	715	445	485	282	652
SM600	526	622	906	306	249	153	629	684	105	601	88	804	825	778	540	520	317	690
SM602	526	622	906	306	249	171	520	574	105	601	87	873	718	800	484	520	317	690
SM700	587	719	981	334	262	178	520	601	120	685	90	905	750	835	620	520	317	728
SM750	613	772	976	334	262	178	593	674	113	652	120	914	823	892	678	593	390	763
SM900	689	923	1086	334	262	178	656	737	113	750	120	1030	886	1011	678	656	453	860

Waterco Micron Top and Sidemount Fibreglass Filters



Waterco Side Mount Fibreglass Filter

Micron Top Mount Fibreglass Filter



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* in conjunction with
Glass Pearls media

General Filters



Filters

LACRON SUREFLOW LSR - SIDE MOUNT SAND FILTER c/w MPV - 2.5 bar pressure rating

Part No.	Product Description	Nom. Size
Filters with 8" neck lock ring c/w multiport valve, barrel unions & oil filled pressure gauge. MPV supplied with both metric and imperial quick connect unions.		
K222018N	LSR - 18 c/w 1 1/2" MPV (50mm)	18"
K222020N	LSR - 20 c/w 1 1/2" MPV (50mm)	20"
K222024N	LSR - 24 c/w 1 1/2" MPV (50mm)	24"
K222030N	LSR - 30 c/w 2" MPV (63mm)	30"

LACRON SUREFLOW LSR - No MPV - 2.5 bar pressure rating

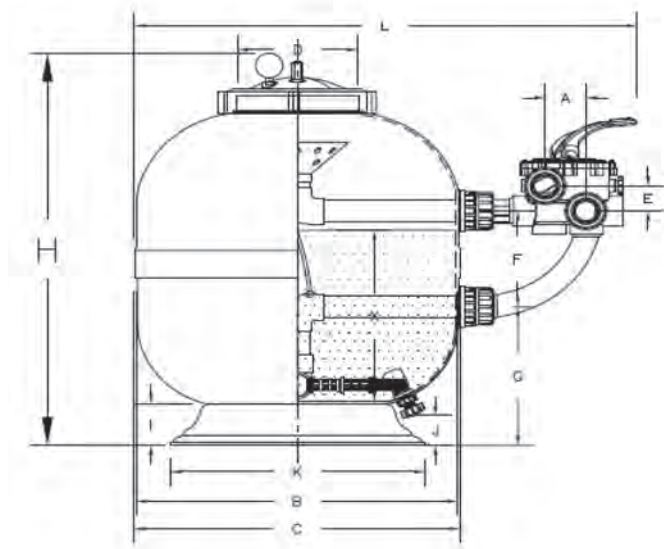
Part No.	Product Description	Nom. Size
With Connecting Pipes & Pressure Gauge - No MPV		
222018N	LSR - 18 1 1/2" Connections (50mm)	18"
222020N	LSR - 20 1 1/2" Connections (50mm)	20"
222024N	LSR - 24 1 1/2" Connections (50mm)	24"
222030N	LSR - 30 2" Connections (63mm)	30"
222036	LSR - 36 2" Connections (63mm) - No pipeset	36"

Technical Specification

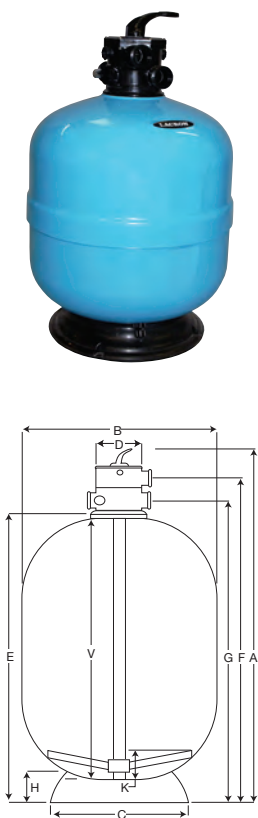
Filter model	Tank Diameter (mm)	Bed Depth (mm)	Filter Area (m ²)	Valve Size (inch/mm)	Pea Gravel (kg)	Sand (kg)	EcoPure (kg)	Glass Pearl (kg)	Max. flow (m ³ /hr)	Max. Pool size (m ³)
LSR-18	460	350	0.17	1.5/50	NR	75	62	83	8.5	50
LSR-20	500	365	0.20	1.5/50	NR	100	82	111	10	60
LSR-24	610	380	0.30	1.5/50	NR	125	103	138	14.5	85
LSR-30	760	400	0.46	2/63	50	150	125	165	22.5	130
LSR-36	900	500	0.66	2/63	75	300	225	330	27	160

Dimension (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	X
LSR-18	78	457	475	270	54	204	240	763	70	65	372	795	350
LSR-20	78	512	520	270	54	204	265	802	70	60	372	840	365
LSR-24	78	610	625	270	54	204	295	836	88	70	485	945	380
LSR-30	70	762	784	270	81	214	290	876	90	70	620	1100	400
LSR-36	128	910	900	270	110	300	303	1072	80	65	735	1385	500



General Filters



LACRON SUREFLOW TMV - TOP MOUNT SAND FILTER 2.5 bar Pressure rating

Part No.	Product Description	Nom. Size
With Multiport Valve, Metric / imperial quick connect unions & pressure gauge		
K2220180	TMV-18 - c/w 1 1/2" MPV (50mm)	18"
K2220200	TMV-20 - c/w 1 1/2" MPV (50mm)	20"
K2220240	TMV-24 - c/w 1 1/2" MPV (50mm)	24"

Technical Specification

Filter model	Tank Diameter (mm)	Bed Depth (mm)	Filter Area (m²)	Valve Size (inch/mm)	Pea Gravel (kg)	Sand (kg)	EcoPure (kg)	Glass Pearl (kg)	Max. flow (m³/hr)	Max. Pool size (m³)
TMV-18	460	350	0.17	1.5/50	NR	75	62	83	8.5	50
TMV-20	500	365	0.20	1.5/50	NR	100	82	111	10.0	60
TMV-24	610	380	0.30	1.5/50	NR	125	103	138	14.5	85

Dimension (mm)

Model	A	B	C	D	E	F	G	H	V	K
TMV-18	875	457	372	180	635	745	687	70	570	100
TMV-20	926	512	372	180	688	798	740	70	585	100
TMV-24	972	610	485	180	734	844	786	88	660	100

COMING SOON... MICRON & LACRON ING Range

MICRON & LACRON ING Range

Waterco's new range of INJ series Micron and Lacron filters are a significant advancement in residential filtration, thanks to a unique manufacturing process. By combining injection moulding and fibre glassing to create the inner tank, Waterco ensures unmatched precision and uniformity, leading to a more consistent and robust product.

This innovative technique not only guarantees enhanced reliability and durability but also allows the filters to operate at a higher pressure.

The result is a high-performing and resilient filtration solution that maintains Waterco's commitment to quality while offering a superior product for homeowners.

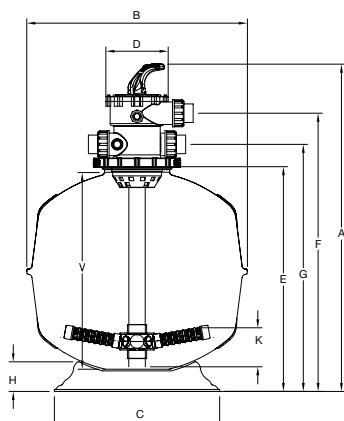


General Filters



Filters

Manufactured from the highest grade of non-corrosive materials and applying precision plastic injection moulding techniques, Exotuf filters are built for long lasting performance.



WATERCO EXOTUF THERMOPLASTIC TOP MOUNT SAND FILTERS

Part No.	Product Description	Nom. Size
With 1½" Clamp Style Multiport Valve & Barrel Unions MPV supplied with both 50mm metric and 1½" imperial quick connect unions.		
K2260167DP	E400 - c/w 1½" MPV (50mm) 2.5 bar rated	16"
K2260187DP	E450 - c/w 1½" MPV (50mm) 2.5 bar rated	18"
K2260206DP	E500 - c/w 1½" MPV (50mm) 3.5 bar rated	20"
K2260246DP	E600 - c/w 1½" MPV (50mm) 3.5 bar rated	24"

Technical Specification

Model No.	Valve Size	Inner Dia.	Filter Area	Bed Depth	Max. Flow*	Max. Pool Size	Min. Backwash	Sand 16/30	EcoPure Glass	Glass Pearl
	("/mm)	(mm)	(sq. m²)	(mm)	(m³/h)	(m³)	(m³/h)	(kg)	(kg)	(kg)
E400	1½ / 50	400	0.13	160	6	36	5.6	40	30	44
E450	1½ / 50	450	0.16	250	7	45	7.1	75	60	83
E500	1½ / 50	500	0.20	250	8	57	8.8	90	70	100
E600	1½ / 50	600	0.28	250	14	81	11.5	130	105	140

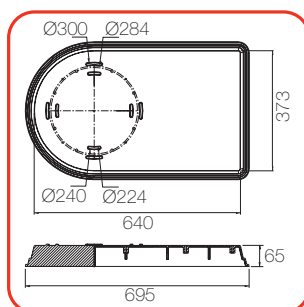
Dimension (mm)

Model	Valve Size	A	B	C	D	E	F	G	H	V	K
E400	1½" / 50mm	775	460	280	180	530	642	584	34	481	89
E450	1½" / 50mm	840	504	280	180	595	707	649	30	530	112
E500	1½" / 50mm	905	550	484	182	618	762	671	88	522	108
E600	1½" / 50mm	942	650	484	182	655	799	708	88	546	115

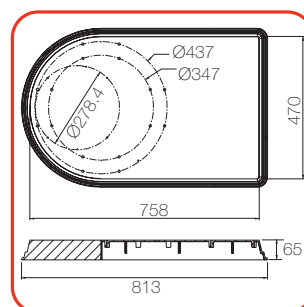


MOULDED SKID BASES - (both sizes suit all Cartridge Filters)

Part No.	Product Description	Price
455567	Moulded Skid Base suits E400 & E450	£70.07
455573	Moulded Skid base suits E500 & E600	£83.11



(to suit E400 & E450)



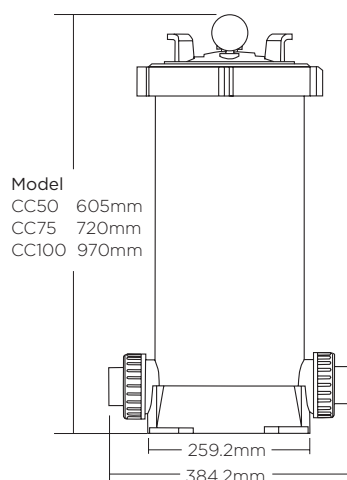
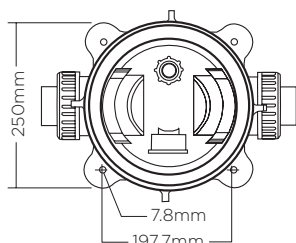
(to suit E500 & E600)

General Filters



Trimline cartridge filters are compact, economical filters designed to effectively filter out suspended solids from your pool or body of water.

Trimline cartridge filters utilise a specially treated synthetic fabric which is pleated into a cartridge. Cartridge filters are ideal for applications where backwashing may not be practical.



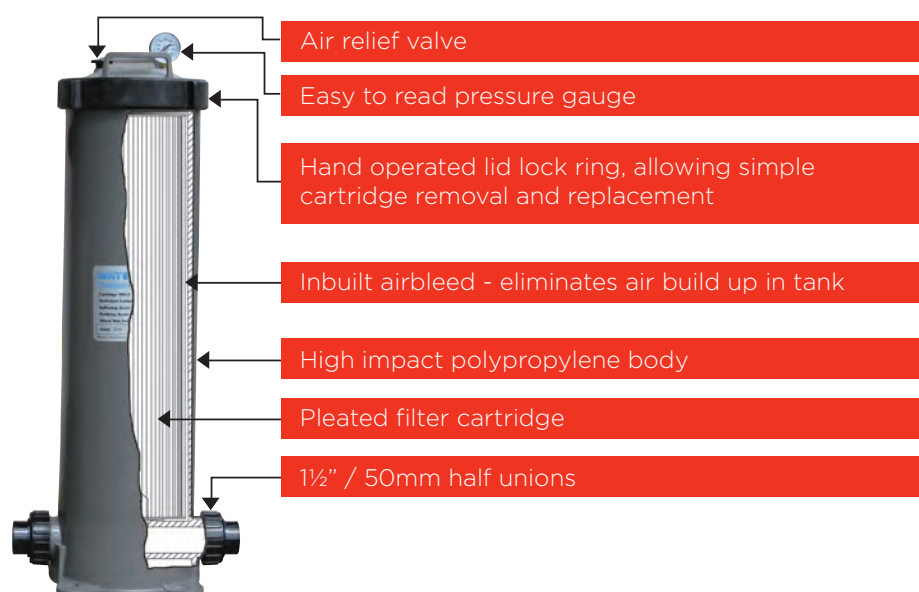
WATERCO TRIMLINE CARTRIDGE FILTERS - 3.5 bar pressure rating

Part No.	Product Description	Nom. Size
Filter supplied with both 1½" imperial and 50mm metric quick connect unions.		
21450EU	Trimline CC50 incl. cartridge	50 sq.ft
21475EU	Trimline CC75 incl. cartridge	75 sq.ft
214100EU	Trimline CC100 incl. cartridge	100 sq.ft

N.B. For replacement cartridges please see p.22 spares catalogue

Technical Specification

Model	Maximum Area m ²	Dom. flow m ³ /hr	Working Pressure		Max. Pool Size m ³	Overall Weight kg
			bar	psi		
CC50	4.6	11.4	3.5 / 50		68.4	8.6
CC75	6.9	16.8	3.5 / 50		100.8	10.5
CC100	9.3	22.8	3.5 / 50		136.8	14.0



Trimline Pleated Filter Cartridge

The Trimline pleated filter cartridges are fabricated from pleated reusable polyester fabric. The fabric has been pleated to provide 4.6 to 9.3m² of surface area in order to maximise the cartridge dirt holding capacity and extend the time between cleaning.

Material : Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

Operating Temperature : 4°C to 50°C

Maximum Pressure Drop : 0.2 bar / 3 psi

Simple Maintenance

The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.



General Filters



Constructed from high impact polypropylene and designed for easy maintenance, Opal XL cartridge filters house an extra large filter cartridge to maximise its dirt holding capacity and minimise filter maintenance, leading to significant water savings.

- The screw-down lid requires no clamps or tools for simple cartridge removal and replacement
- 2" / 63mm inlet and outlet ports for maximum flow and minimum back pressure
- Heavy duty extra large pleated filter cartridge

WATERCO OPAL XL CARTRIDGE FILTER 3.5 bar pressure rating

Part No.	Product Description	Nom. Size
Filter supplied with both 2" imperial and 63mm metric quick connect unions.		
217225EUM	Waterco Opal XL Cartridge Filter 225	225 sq.ft
217270EUM	Waterco Opal XL Cartridge Filter 270	270 sq.ft

N.B. For replacement cartridges please see p.24 spares catalogue

Technical Specification

Model	Filter Area		Max Flow Rate m ³ /h	Working Pressure		Max Pool Size m ³
	(m ²)	(ft ²)		bar	psi	
Opal 225	20.9	225	30	3.5	50	183
Opal 270	25.1	270	30	3.5	50	183

Extra Large Filter Cartridge

Opal XL filter cartridges are fabricated from pleated reusable polyester fabric. The XL larger size cartridge has been pleated to provide 225ft² (20.9m²) to 270ft² (25.1m²) of surface area maximising its dirt holding capacity and minimising filter maintenance.

Material : Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

Operating Temperature : 4°C to 50°C

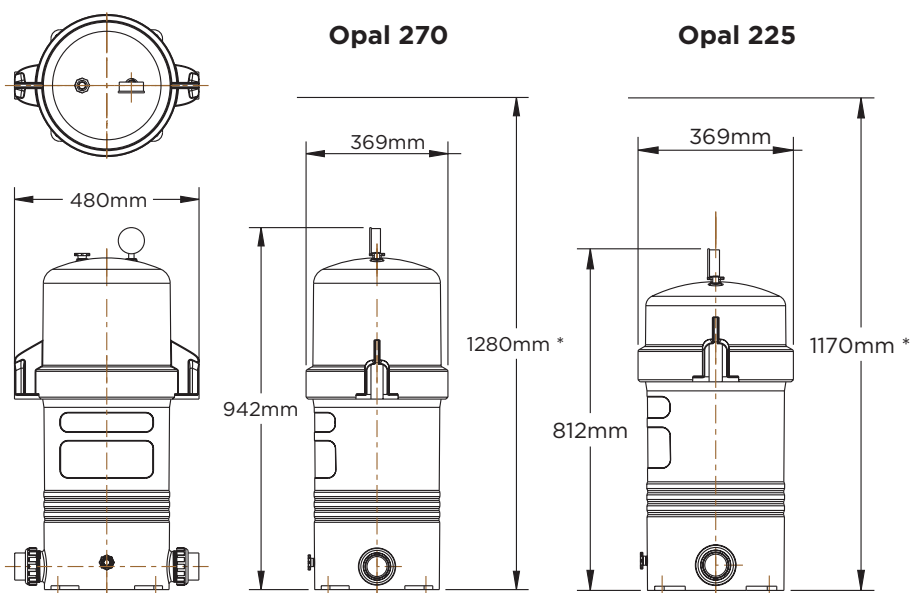
Maximum Pressure Drop : 0.2 bar / 3 psi



Simple Maintenance

The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.

Dimensions



* Minimum Clearance Height to Remove Cartridge

General Filters



Fulflo Tri-cartridge filter houses three individual pleated filter cartridges, to maximise its dirt holding capacity and minimise filter maintenance, leading to significant water savings.

Built to endure the rigours and pressures of the outdoor environment, Fulflo Tri-Cartridge Filters are made from specially engineered polymers that have been tested for durability and strength.

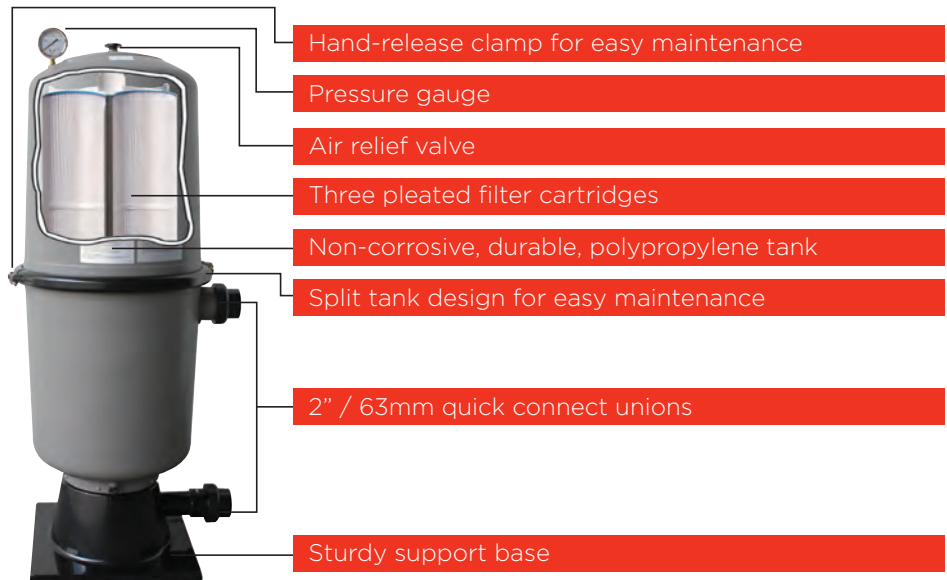
Maintenance

The Tri-Cartridge Filter's split tank design incorporates an easy to use clamp that requires no additional tools for simple cartridge removal and replacement, allowing for quick access to the filter cartridge without disturbing the piping and connections.

WATERCO TRI-CARTRIDGE FILTERS

Part No.	Product Description	Nom. Size
Filter supplied with both 2" imperial and 63mm metric quick connect unions.		
2165300EU	Fulflo Tri-Cartridge Filter C300	300 sq ft
2165400EU	Fulflo Tri-Cartridge Filter C400	400 sq ft
2165500EU	Fulflo Tri-Cartridge Filter C500	500 sq ft

N.B. For replacement cartridges please see p.28 spares catalogue



Filter Cartridge

At the heart of the Fulflo Tri-Cartridge Filters are three individual filter cartridges, constructed from heavy duty, easy-to-clean polyester fabric. The cartridge pleats create a large surface area providing a high dirt holding capacity, thus decreasing its cleaning frequency.

Material : Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

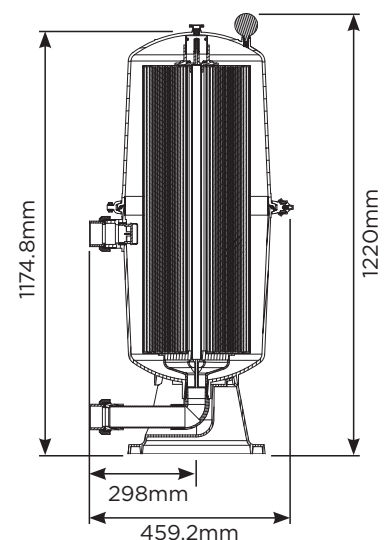
Operating Temperature : 4°C to 50°C

Maximum Pressure Drop : 0.2 bar / 3 psi



Technical Specification

Model No.	Filter Area	Filter Area	Design FlowRate	Max. Pool Size	Max. Working	
	(sq.ft.)	(m ²)			(bar)	(psi)
2165300	300	28	26	152	3.5	50
2165400	400	37	31	186	3.5	50
2165500	500	46	31	186	3.5	50



General Filters



WATERCO MULTICYCLONE DUO CARTRIDGE FILTER

Part No.	Product Description	Nom. Size
Filter supplied with both 2" imperial and 63mm metric quick connect unions.		
200600EUM	Multicyclone Duo 200	200 sq ft
200601EUM	Multicyclone Duo 250	250 sq ft



Sturdy handles for easy opening

Durable glass filled thermoplastic housing

200 / 250 sq ft pleated filter cartridge

16 hydrocyclones

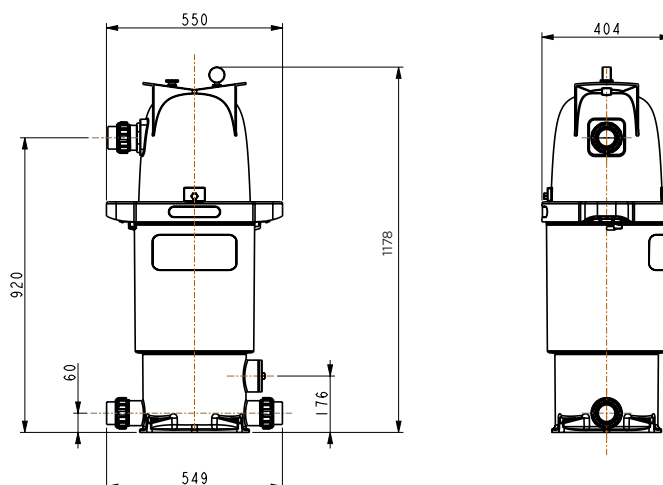
2" / 63mm quick fit unions

Sight glass

MultiCyclone Duo

The MultiCyclone Duo combines centrifugal and cartridge filtration in one unit, reducing cartridge cleaning to just twice a year by expanding the filtration area up to four times. This efficient system conserves thousands of litres of water annually while delivering superior filtration. With 2" / 63mm quick connections for enhanced flow and reduced head loss, it operates at peak efficiency. Constructed with advanced materials, the MultiCyclone Duo offers maximum durability and long-lasting performance.

Dimensions



Key Features:

Effortless Access: The dome lid features easy-grip handles for swift cartridge removal, cleaning, and replacement in minutes.

Secure Lock Mechanism: Innovative locking system ensures cartridge changes are quick and hassle-free. The integrated lifting lug adds convenience for lid removal.

Versatile Inlet Ports: Enjoy maximum flexibility with two inlet ports. Choose the configuration that best suits your pool's plumbing.

Compact Design: Combines MultiCyclone and

cartridge filtration in a single, space-saving unit.

Centrifugal Filtration: Effectively removes large particles and debris through centrifugal force, reducing the load on the cartridge filter.

Extended Cartridge Life: Significantly reduces the frequency of cartridge cleaning, saving time and money.

Water Conservation: maximizes dirt-holding capacity, resulting in substantial water savings.

Easy Maintenance: Clear sight glasses allow for easy monitoring of sediment build-up, and a convenient ball valve enables quick flushing.

Technical Specification

Model No.	Conn Ports (mm)	Minimum Flow	Maximum Flow	Filter Area	Working Pressure	Max Temp	Pool Size m ³
200600EUM	2" / 63mm	3m ³ /hr	30m ³ /hr	18.5m ² / 200ft ²	3.5 bar	40°C	184
200601EUM	2" / 63mm	3m ³ /hr	30m ³ /hr	23.2m ² / 250ft ²	3.5 bar	40°C	184

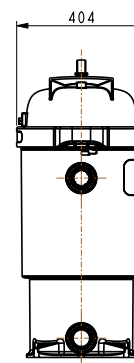
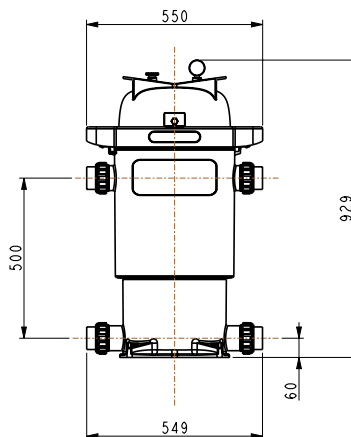
General Filters



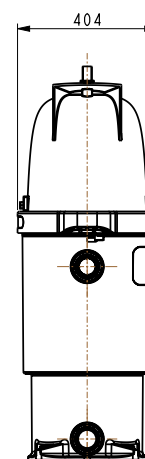
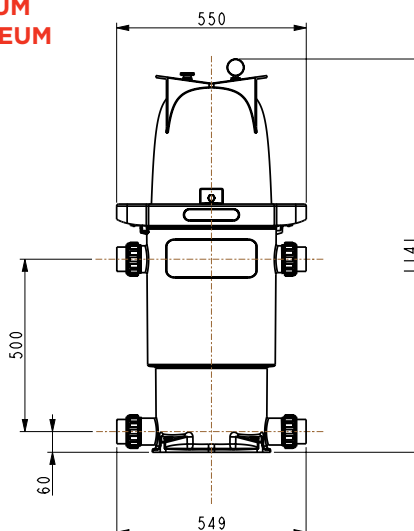
WATERCO OPAL ULTRA CARTRIDGE FILTER

Part No.	Product Description	Nom. Size
Filter supplied with both 2" imperial and 63mm metric quick connect unions.		
2182005EUM	Opal Ultra 200	200 sq ft
2182505EUM	Opal Ultra 250	250 sq ft
2183005EUM	Opal Ultra 300	300 sq ft
2183505EUM	Opal Ultra 350	350 sq ft

2182005EUM & 2182505EUM



2183005EUM & 2183505EUM



Opal Ultra

The Opal Ultra is Waterco's latest cartridge filter, designed for maximum durability and years of reliable operation. Its user-friendly lid allows for easy cartridge removal, while multiple inlet and outlet options simplify installation for both new builds and retrofits. The 2" / 63mm quick connections enhances flow and reduces head loss, ensuring optimal efficiency.

Extra Large Filter Cartridge

Opal Ultra filter cartridges are fabricated from pleated reusable polyester fabric. The XL larger size cartridge has been pleated to provide 200sqft (18.5m²) to 350sqft (32.5m²) of surface area maximising its dirt holding capacity and minimising filter maintenance.

Material : Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

Operating Temperature : 4°C to 50°C

Simple Maintenance - The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.

Technical Specification

Model No.	Conn Ports (mm)	Maximum Flow	Filter Area	Working Pressure	Max Temp	Pool Size m ³
2182005EUM	2" / 63mm	30m ³ /hr	18.5m ² / 200ft ²	3.5 bar	40°C	184
2182505EUM	2" / 63mm	30m ³ /hr	23.2m ² / 250ft ²	3.5 bar	40°C	184
2183005EUM	2" / 63mm	30m ³ /hr	27.9m ² / 300ft ²	3.5 bar	40°C	184
2183505EUM	2" / 63mm	30m ³ /hr	32.5m ² / 350ft ²	3.5 bar	40°C	184

General Filters



DCC135EU & DCC180EU



DCC225EU & DCC270EU



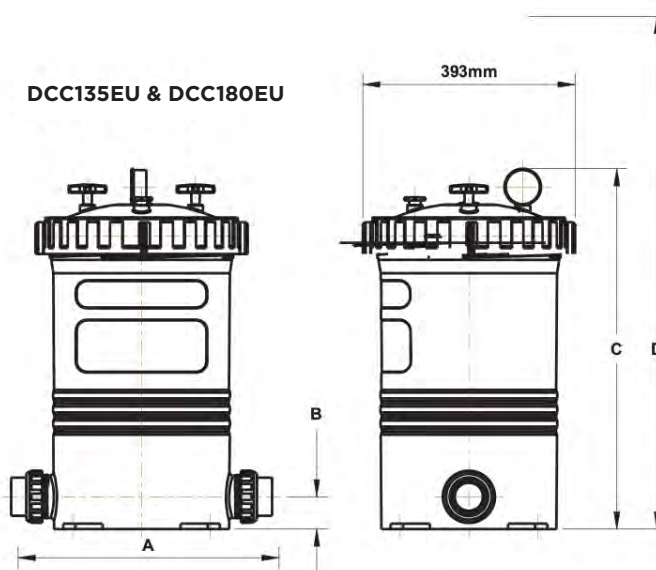
DAVEY CrystalClear®ER SERIES

DAVEY

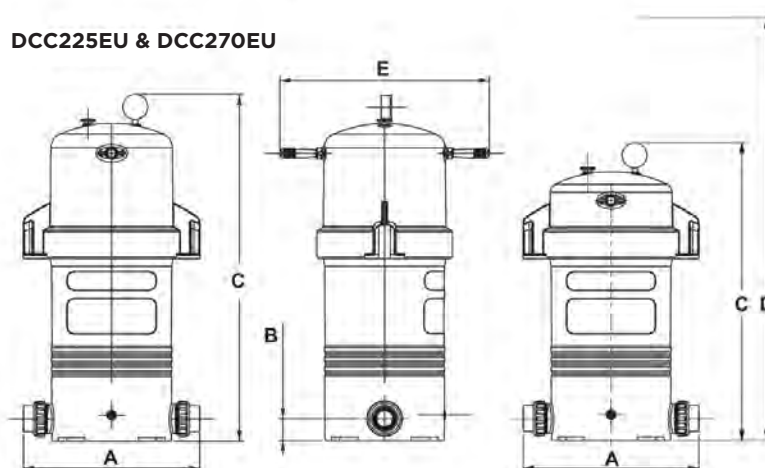
CRYSTALCLEAR

Part No.	Product Description	Nom. Size
Filter supplied with both 2" imperial and 63mm metric quick connect unions.		
DCC135EU	CrystalClear ER Series 135	135 sq.ft
DCC180EU	CrystalClear ER Series 180	180 sq.ft
DCC225EU	CrystalClear ER Series 225	225 sq.ft
DCC270EU	CrystalClear ER Series 270	270 sq.ft

DCC135EU & DCC180EU



DCC225EU & DCC270EU



Technical Specification

Model No.	Filter Area (m ² /ft ²)	Max. Flow Rate (m ³ /hr)	6 hour turnovers (m ³)	Max Water Temp	Max Operating Pressure	Max Pressure Drop
DCC135EU	12.5/135	23	138	50°C	2.5 bar	0.2 bar
DCC180EU	16.7/180	28	168	50°C	2.5 bar	0.2 bar
DCC225EU	20.9/225	30	180	50°C	2.5 bar	0.2 bar
DCC270EU	25.1/270	30	180	50°C	2.5 bar	0.2 bar

* Based on residential flow rate and 50mm pipe

Dimensions

Model No.	A	B	C	D*	E	Inlet / Outlet Size (mm)
DCC135EU	483	60	668	1000	N/A	63
DCC180EU	483	60	668	1000	N/A	63
DCC225EU	479	60	811.5	1600	570	63
DCC270EU	479	60	941.5	1600	570	63

* Minimum clearance height to remove cartridge

General Filters

DAVEY
CrystalClear®ER
SERIES

DAVEY

FEATURES & BENEFITS

- Provides crystal clear water with minimal maintenance.
- Less water used, no backwashing needed. Ideal for applications where backwashing may not be practical or areas where water may be scarce.
- Tank constructed from high impact polypropylene as a solid one-piece mould for a non-corrosive long life.
- Low profile designed with easy access to the filter cartridge for removal, cleaning and installation.
- A quality pressure gauge makes it easy to see when element cleaning is required.
- A manual air bleed enables the filter to be de-pressurised before opening for cleaning.
- Filter cartridges are fabricated from heavy duty, reusable polyester fabric with wide and deep pleats for better filter efficiency, easy cleaning and longer cartridge life.
- Replacement filter elements available.
- 63mm quick connect barrel unions supplied for simple installation.
- Maximum flow rate 510 lpm.
- Maximum working pressure 250 kPa.



Model Numbers:
DCC135EU, DCC180EU,
DCC225EU, DCC270EU

GUARANTEE
10 YEARS TANK
1 YEAR OTHER
ACCESSORIES

APPLICATIONS

Ideal for in-ground and above ground pools.

Suitable for salt, mineral salt and fresh water pools.

Models suitable for pools up to 180,000 litres.

Extra Large Filter Cartridge

Crystal Clear filter cartridges are fabricated from pleated reusable polyester fabric. The XL larger size cartridge has been pleated to provide 135sqft (12.5m²) to 270sqft (25.1m²) of surface area maximising its dirt holding capacity and minimising filter maintenance.

Material: Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

Operating Temperature: 4°C to 50°C

Simple Maintenance

The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.

General Filters



Filters

WATERCO LEAF TRAPPER

Part No.	Product Description	Nom. Size
Filter supplied with both 1.5" imperial and 50mm metric quick connect unions.		
3761053EUM	Trimline C50 Leaf Trapper	0.17m ² /1.85ft ²
(please note: filter bags must be ordered separately if required)		
36519265	Filter Bag (800 Micron)	

(please note: other bags available, see p112 for details & pricing)

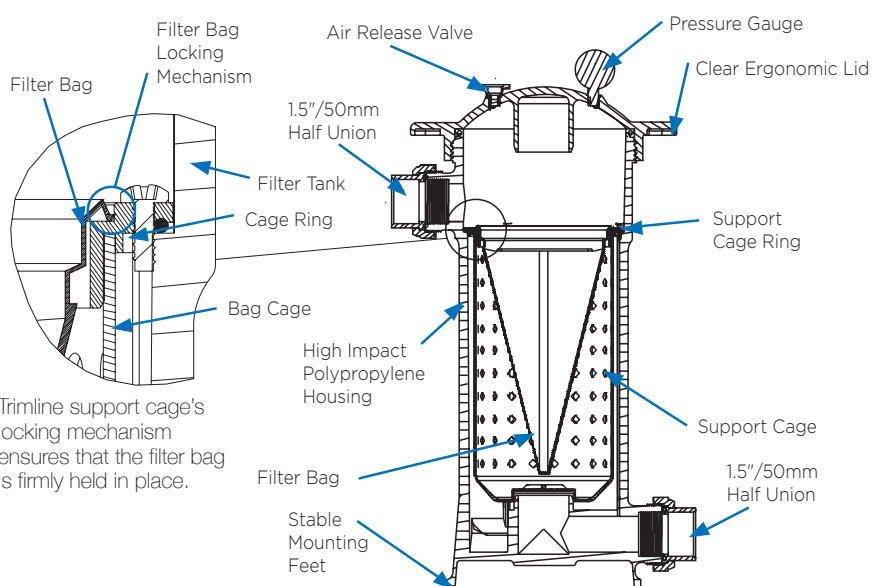
Waterco has developed a Leaf Trapper that incorporates a high quality and durable bag filter that enables high volume leaf & debris capture. The lid is clear for quick visual inspection of the Leaf Trapper's filter bag. The C50 Leaf Trapper is ideal for installation in areas of high leaf & debris collection prior to a pool's finer filtration system. The C50 Leaf Trapper is compact & economical, perfect for negative edge pools and infloor cleaning systems.

Leaf Trapper

The Leaf Trapper housings are constructed from high impact polypropylene and a clear polycarbonate lid, providing a strong and durable filter. The design of the ergonomic screw down lid enables simple hand operation and quick filter bag cleaning or replacement.

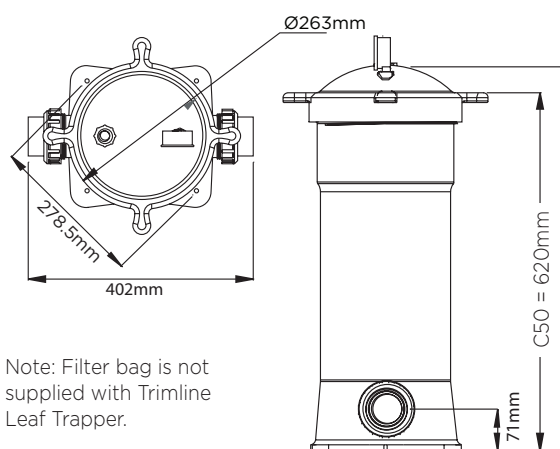
Leaf Trapper Filter Bag

Its large filter bag is made of high strength and durable nylon, plus it's easy to clean. The 800 micron bag allows a full flow of water with minimal resistance, and it has a holding capacity of approximately four times the usual leaf and debris holding capacity of a standard pool skimmer leaf basket.



Trimline support cage's locking mechanism ensures that the filter bag is firmly held in place.

Dimension



Note: Filter bag is not supplied with Trimline Leaf Trapper.

Technical Specification

LEAF TRAPPER SPECIFICATIONS		
Maximum flow rate	20.4m ³ /hr	75gpm
Required clearance for servicing	530mm	20.9"
Maximum pressure	350kPa	50 psi
Maximum temperature	40°C	100°F

FILTER BAG SPECIFICATIONS		
Surface area	0.17m ²	1.85ft ²
Diameter	178mm	7"
Length	419mm	16.5"

FILTER BAG PRODUCT CODE		
36519265	Manufactured with nylon	800 microns

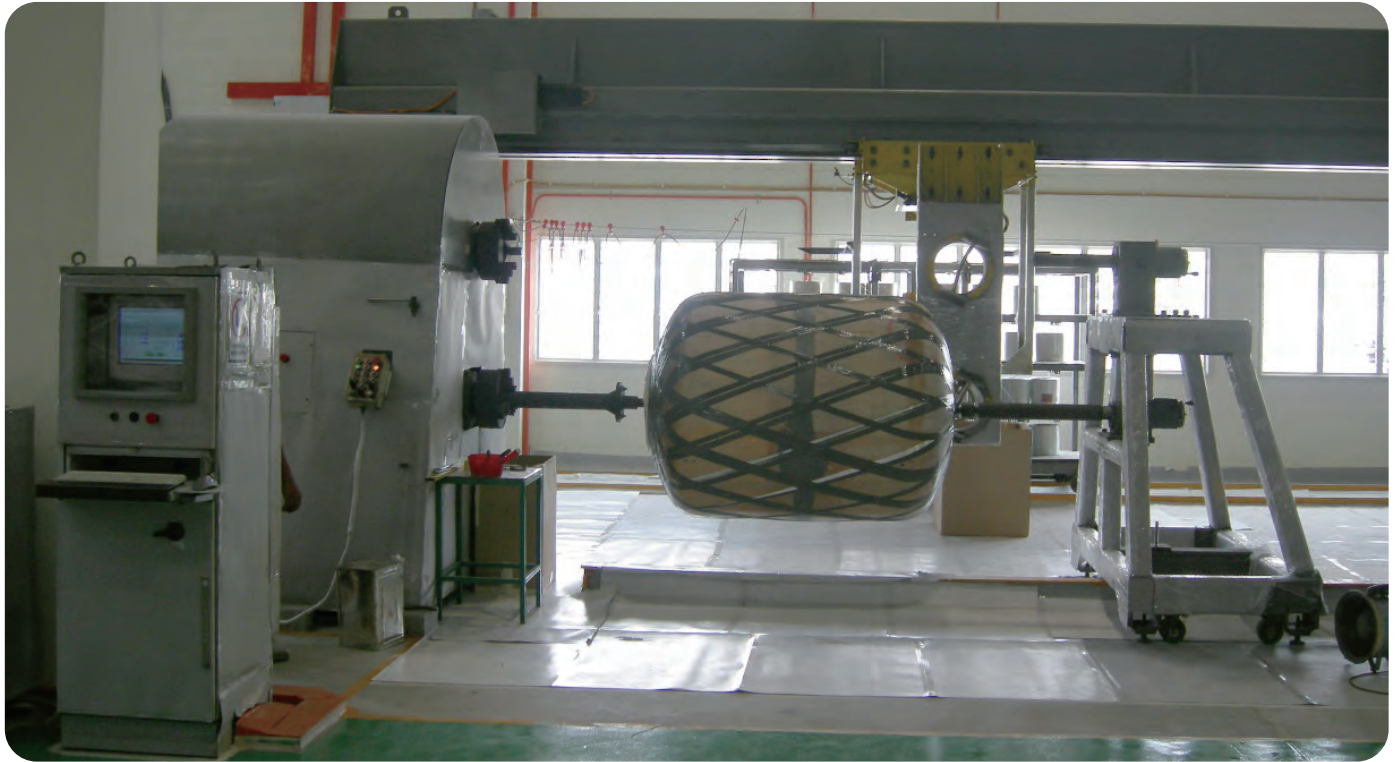
Commercial Filters

Commercial
Filters



WATERCO
water, the liquid of life

Commercial Filters



Commercial
Filters

Micron fibreglass filters

Micron fibreglass filters embody the latest in fibreglass winding technology. Waterco's digitally controlled filament winding machine faultlessly winds continuous strands of high quality fibreglass filament under controlled tension to create a seamless one-piece vessel with refined consistency and superior quality. There are no welds or seams or special tank linings which can corrode or electrolyse.

Waterco's quality control procedures ensure that the structural requisites of the product are achieved at every stage of production. This results in a 100% compliance of the end product with the specifications.

The design and the manufacturing process of the whole vessel, utilising the latest filament winding machines, incorporation of non-metallic fittings plus reinforced manhole openings with proprietary methods, is unique to Waterco.

Why fibreglass instead of steel?

Using non-metallic components fibreglass pressure tanks are rapidly replacing steel tanks in numerous applications. Fibreglass vessels offer several advantages in comparison with steel vessels.

Fibreglass vessels have a mechanical and chemical resistance superior to steel. Fibreglass tanks do not rust or corrode and are able to withstand damage from many types of water treatment chemicals.



Corroded metal fabricated filters



Fibreglass SMDD filters

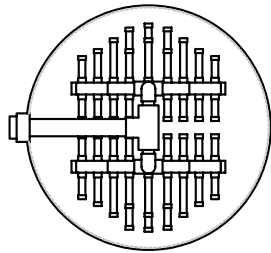
Fibreglass vessels weigh only one third of the weight of steel vessels while maintaining the same level of strength. Their weight makes them easier to ship to the job site and easier to install.

Once installed there are virtually no maintenance or repairs required. Steel vessels require the anti-corrosive coating to be maintained periodically and certified welders to make repairs to the lining with expensive epoxy coating.

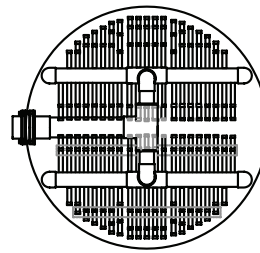
Commercial Filters

Micron “Fish Tail” laterals

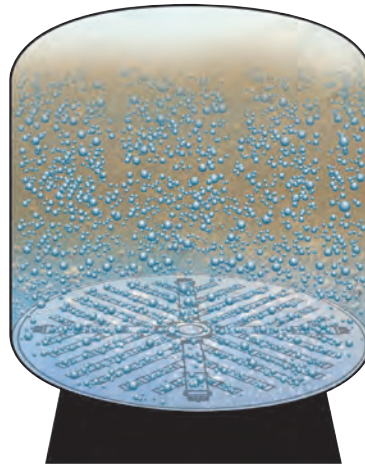
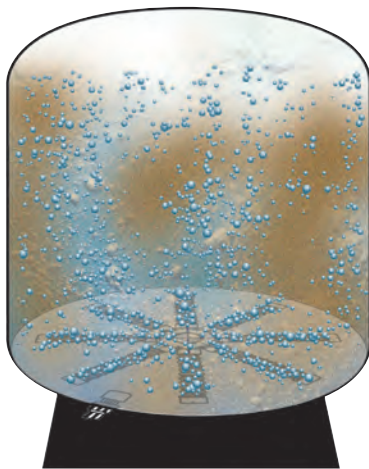
Conventional laterals are not suitable for larger sized commercial filters. “Dead legs” exist between the laterals and water flow is not optimised through the filter bed. Waterco’s “Fish Tail” lateral configuration eliminates any “dead legs” by improving water flow distribution through the filter bed.



Commercial vertical filters with 3" / 90mm ports



Commercial vertical filters with 4"/110mm, 6"/160mm, 8"/215mm ports



Automatic Air Release Valve fitted to SMDD/SPDD Micron filters as standard:

The combination air valve has the features of both an air release valve and an air & vacuum valve. The air release component of the combination air valve was designed to automatically release small pockets of air into the atmosphere as they accumulate along a pipeline or piping system when it is full and operating under pressure. The air & vacuum component was designed to automatically discharge or intake large volumes of air in during the filling or draining of a pipeline or piping system. This valve will open to relieve negative pressures whenever water column separation occurs.

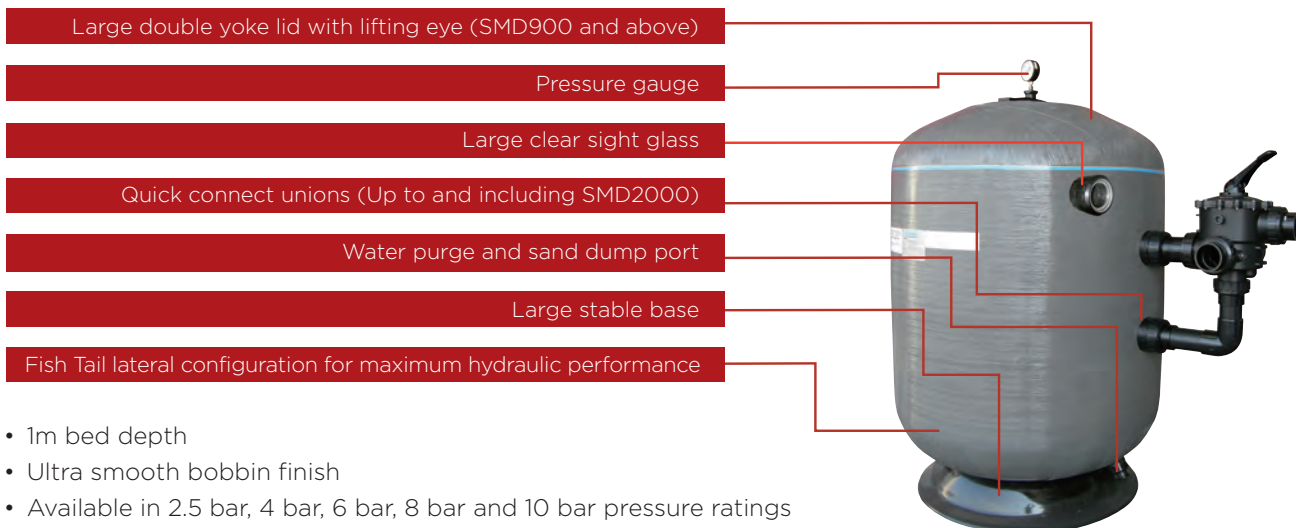


Main Features

- Working pressure range: **DG-10** 0.1 - 10 bar. **D-040** 0.2-16 bar
- Testing pressure: **DG-10** 16 bar. **D-040** 25 bar.
- Working Temperature: 60°C.
- Maximum short-term temperature: 90°C.
- The body is made of high strength composite materials and all operating parts are made of specially selected corrosion-resistant materials.
- The larger than usual aperture enables it to release air at higher flow rates than other automatic air release valves of its kind.
- The enlarged aperture with its self-cleaning mechanism dramatically reduces obstruction due to debris.
- The valve's rolling seal mechanism design is less sensitive to different pressures than a direct float seal, thus enabling a one-size aperture for a wide pressure range (from 0.2 up to 16 bar).
- Light, simple and reliable structure.
- Due to its light weight, the valve may be installed on plastic piping systems, as well as other light weight piping.

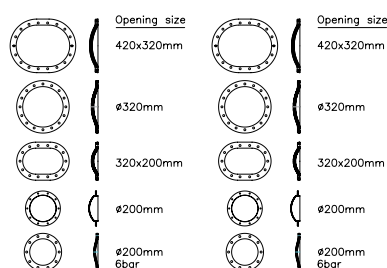
Commercial Filters

MICRON SIDE MOUNT BOBBIN WOUND SAND FILTER - SMD Model



- 1m bed depth
- Ultra smooth bobbin finish
- Available in 2.5 bar, 4 bar, 6 bar, 8 bar and 10 bar pressure ratings
- Vynylester resin coating available
- Quick connect unions
- Nozzle plate available upon request (SPD)

Side hatch / Lateral manhole cover

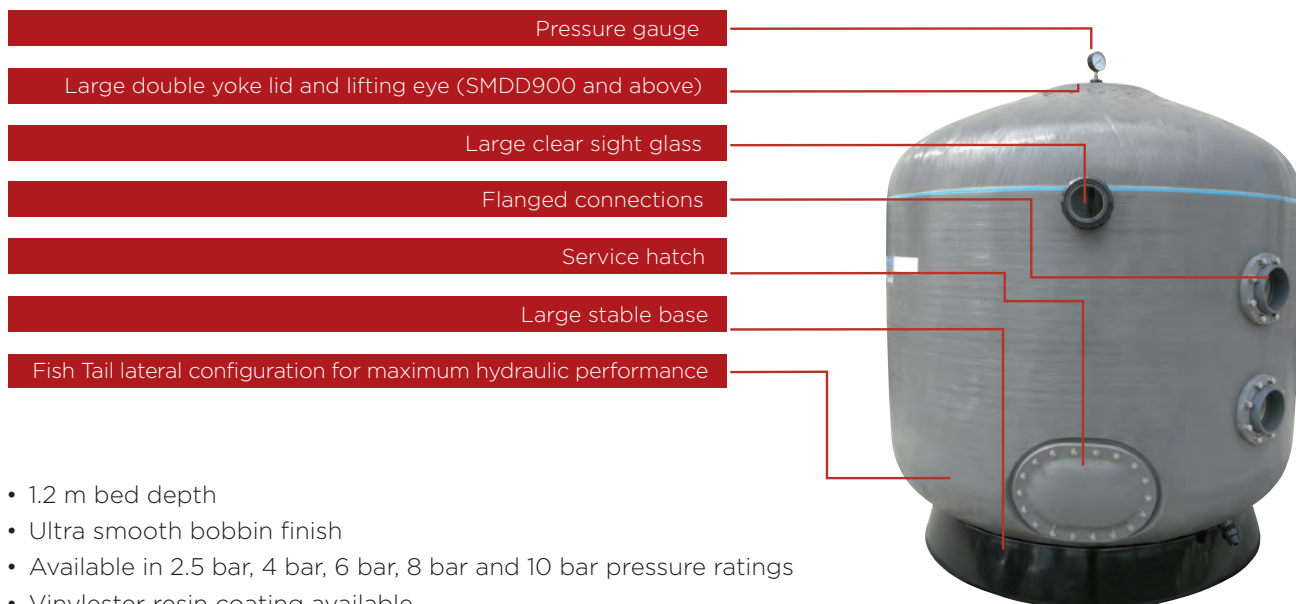


WATERCO MICRON SMD/SMDD/SPDD OPTIONAL EXTRAS

Part No.	Product Description	Nom. Size
W22115	Sight Glass Fitted	90mm
SSHR200	Side Service Hatch - Round	200mm
SSHR320	Side Service Hatch - Round	320mm
SSHO320	Side Service Hatch - Oval	320 x 200mm
SSHO420	Side Service Hatch - Oval	420 x 320mm

*Lead times applicable for the above optional extras.

MICRON SIDE MOUNT DEEP BED SAND FILTER - SMDD Model



- 1.2 m bed depth
- Ultra smooth bobbin finish
- Available in 2.5 bar, 4 bar, 6 bar, 8 bar and 10 bar pressure ratings
- Vynylester resin coating available
- Flanged connections
- Nozzle plate version (SPDD)

Commercial Filters



SMD Lock ring lid version
(SMD600, SMD750)



WATERCO MICRON SIDE MOUNT SAND FILTERS INCLUDING SIGHT GLASS - 2.5 bar

Part No.	Product Description	Nom. Size
	- Excludes MPV (2.5 bar)	
2250600484060	SMD600 (1.5" / 50mm port) 4 bar-side hatch 200Ø, lock ring lid	24"
2250750682	SMD750 - 2" (63mm) port - lock ring lid	30"
2250900903	SMD900 - 3" (90mm) port	36"
22501050903	SMD1050 - 3" (90mm) port	42"
22501200903	SMD1200 - 3" (90mm) port	48"
22501400903	SMD1400 - 3" (90mm) port	56"
22501400101	SMD1400 - 4" (110mm) port	64"
22501600903	SMD1600 - 3" (90mm) port	64"
225016001103	SMD1600 - 4" (110mm) port	64"
225018001103	SMD1800 - 4" (110mm) port	70"
225020001103	SMD2000 - 4" (110mm) port	79"

WATERCO MICRON SIDE MOUNT BOBBIN WOUND SAND FILTERS SIGHT GLASS - 4.0 bar

Part No.	Product Description	Nom. Size
	- Excludes MPV	
22501054801	SMD1050 - 3" (90mm) port	42"
22501204801	SMD1200 - 3" (90mm) port	48"
22501404801	SMD1400 - 3" (90mm) port	56"
22501604801	SMD1600 - 3" (90mm) port	64"
22501604101	SMD1600 - 4" (110mm) port	64"
22501804101	SMD1800 - 4" (110mm) port	70"
22502004101	SMD2000 - 4" (110mm) port	79"

PLEASE NOTE: Also available in 6.0 bar , 8.0 bar and 10.0 bar versions, price and lead times available upon request.

Technical Specification

Filter Model	Connection Size		Filter Area	Bed Depth	Maximum Flow Rating 30m³/hr/m²	Maximum Flow Rating 40m³/hr/m²	Sand	EcoPure Media	Glass Pearls
	"	mm	m²	mm	m³/hr	m³/hr	kg	kg	kg
SMD600	1.5	50	0.28	1000	8.5	11.3	445	380	492
SMD750	2.0	63	0.44	1000	13	18	670	570	737
SMD900	3.0	90	0.64	1000	19	25	1060	1016	1117
SMD1050	3.0	90	0.87	1000	26	35	1410	1159	1541
SMD1200	3.0	90	1.13	1000	34	45	1720	1414	1892
SMD1400	3.0	90	1.54	1000	46	62	2515	2067	2749
SMD1400	4.0	110	1.54	1000	46	62	2515	2067	2749
SMD1600	3.0	90	2.01	1000	60	80	3170	2605	3477
SMD1600	4.0	110	2.01	1000	60	80	3060	2515	3365
SMD1800	4.0	110	2.54	1000	76	102	4205	3456	4616
SMD2000	4.0	110	3.14	1000	94	126	5140	4225	5437

Dimension (mm)

Model	Connection Size		A	B	C	W	R	P	E	F	K	V	H	L	X	Y	Z	J	S	T
SMD600	50	1.5"	619	622	1630	334	262	191	977	1234	-	-	-	-	-	-	-	-	-	-
SMD750	63	2.0"	613	772	1660	334	262	191	1226	1328	113	1420	1363	120	1585	1482	1560	678	1226	1023
SMD900	90	3.0"	824	923	1918	510	363	548	1406	1516	190	1580	1440	155	1833	1788	1763	735	1406	1050
SMD1050	90	3.0"	918	1110	1930	510	363	548	1100	1210	220	1605	1470	176	1845	1482	1775	1045	1100	744
SMD1200	90	3.0"	977	1229	1935	510	363	548	1154	1264	150	1590	1400	176	1850	1536	1780	1045	1154	798
SMD1400	90	3.0"	1083	1442	1955	510	363	548	1204	1314	250	1615	1500	218	1870	1586	1800	1202	1204	848
SMD1600	90	3.0"	1184	1644	1994	510	363	548	1151	1261	220	1615	1500	218	1909	1533	1839	1202	1151	795
SMD1600*	110	4.0"	1765	1644	1994	943	474	629	757	419	180	1615	1430	218	1909	757	1839	1202	1189	757
SMD1800*	110	4.0"	1863	1839	1985	943	474	629	751	413	225	1710	1475	315	1900	751	1830	1755	1183	751
SMD2000*	110	4.0"	1964	2042	2063	943	474	629	758	420	300	1765	1550	245	1978	758	1908	1755	1190	758

* PLEASE NOTE: these measurements are for a valve orientation different to that shown in adjoining diagram

All dimensions are for guidance only and may vary subject to individual filter specifications.

Commercial Filters



SMDD2200

DESIGNED TO FIT
FULLY ASSEMBLED
INSIDE A STANDARD
SHIPPING CONTAINER

WATERCO MICRON SIDE MOUNT DEEP BED SAND FILTERS - SMDD 4.0 bar

Part No.	Product Description	Nom. Size
	- Excludes MPV (4.0 bar)	
224975451826L	SMDD750 - 2" (63mm) connections 200mm service hatch	30"
224990480136L	SMDD900 - 3" (90mm) connections 200mm service hatch	36"
2249105480136L	SMDD1050 - 3" (90mm) connections 200mm service hatch	42"
2249120043037L	SMDD1200 - 3" (90mm) connections 420 x 320mm service hatch	48"
224914041025L	SMDD1400 - 4" (110mm) connections 420 x 320mm service hatch	56"
224916041025L	SMDD1600 - 4" (110mm) connections 420 x 320mm service hatch	64"
224918041525L	SMDD1800 - 6" (160mm) connections 420 x 320mm service hatch	70"
224920041525L	SMDD2000 - 6" (160mm) connections 420 x 320mm service hatch	79"
224922041525L	SMDD2200 - 6" (160mm) connections 420x320mm service hatch	86"
2249235015435	SMDD2350 - 6" (160mm) connections 420 x 320mm service hatch	92"
2249250041525L	SMDD2500 - 6" (160mm) connections 420 x 320mm service hatch	98"

PLEASE NOTE: Also available in 6.0 bar, 8.0 bar and 10.0 bar versions, price and lead times available upon request.

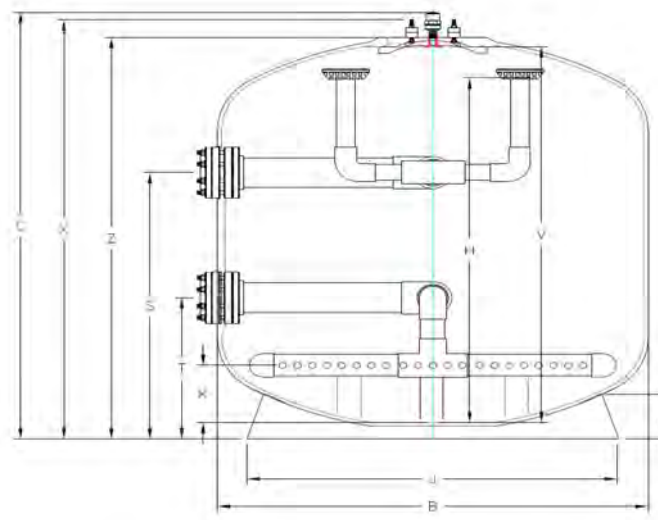
Technical Specification

Filter Model	Flange Size	Flange Size	Filter Area	Bed Depth	Maximum Flow Rating 30m³/hr/m²	Maximum Flow Rating 40m³/hr/m²	Sand	EcoPure Glass	Glass Pearls
	"	mm	m²	mm	m³/hr	m³/hr	kg	kg	kg
SMDD750	2	63	0.44	1200	13	18	795	630	879
SMDD900	3	90	0.64	1200	19	25	1200	986	1327
SMDD1050	3	90	0.87	1200	26	35	1665	1386	1842
SMDD1200	3	90	1.13	1200	34	45	2045	1681	2262
SMDD1400	4	110	1.54	1200	46	62	2840	2334	3142
SMDD1600	4	110	2.01	1200	60	80	3685	3029	4076
SMDD1800	6	160	2.54	1200	76	102	4975	4089	5503
SMDD2000	6	160	3.14	1200	94	126	6090	5005	6698
SMDD2200	6	160	3.80	1200	114	152	7625	6481	8435
SMDD2350	6	160	4.34	1200	130	173	8480	6970	9380
SMDD2500	6	160	4.91	1200	147	196	9545	7250	10558

Dimension (mm)

Model	Flange Size		A	B	C	K	V	H	L	X	Z	J	S	T
SMDD750	63 mm	2"	613	772	2044	113	1780	1713	120	2011	1938	678	1586	1383
SMDD900	90 mm	3"	719	923	2268	223	1930	1823	155	2183	2113	735	1624	1324
SMDD1050	90 mm	3.0"	901	1077	2280	220	1950	1820	176	2185	2115	1045	1650	1294
SMDD1200	90 mm	3.0"	977	1229	2253	150	1900	1750	176	2158	2088	1045	1665	1309
SMDD1400	110 mm	4.0"	1664	1442	2323	200	1975	1800	218	2228	2158	1202	1330	898
SMDD1600	110 mm	4.0"	1765	1644	2295	200	1950	1800	218	2200	2130	1202	1421	989
SMDD1800	160 mm	6.0"	n/a	1839	2270	320	2010	1920	315	2175	2105	1755	1383	900
SMDD2000	160 mm	6.0"	n/a	2042	2408	320	2100	1920	245	2313	2243	1755	1310	827
SMDD2200	160 mm	6.0"	n/a	2245	2430	380	2090	1980	245	2330	2260	1755	1386	903
SMDD2350	160mm	6.0"	n/a	2390	2445	355	2118	1955	340	2330	2330	2037	1550	1017
SMDD2500	160 mm	6.0"	n/a	2575	2575	355	2190	1955	340	2405	2405	2037	1494	1011

All dimensions are for guidance only and may vary subject to individual filter specifications.



Commercial Filters



WATERCO MICRON NOZZLE PLATE SAND FILTERS

Part No.	Product Description	Nom. Size
	- Excludes MPV (4.0 bar)	
22799004801	SPDD 900 - 3" (90mm) connections 200mm service hatch	36"
227910508014L	SPDD 1050 - 3" (90mm) connections 200mm service hatch	42"
2279120043037L	SPDD 1200 - 3" (90mm) connections 420 x 320mm service hatch	48"
2279140010014L	SPDD 1400 - 4" (110mm) connections 420 x 320mm service hatch	56"
2279160010014L	SPDD 1600 - 4" (110mm) connections 420 x 320mm service hatch	64"
2279180015014L	SPDD 1800 - 6" (160mm) connections 420 x 320mm service hatch	70"
227920001504L	SPDD 2000 - 6" (160mm) connections 420 x 320mm service hatch	79"
227922001504L	SPDD 2200 - 6" (160mm) connections 420 x 320mm service hatch	86"
2279235015014L	SPDD 2350 - 6" (160mm) connections 420 x 320mm service hatch	92"
22792500150374L	SPDD 2500 - 6" (160mm) connections 420 x 320mm service hatch	98"

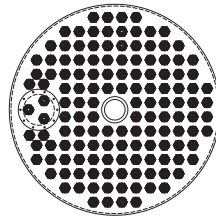
Micron SPDD filters are fitted with a plate and nozzle system, which ensures uniform flow for both filtering and backwashing, ensuring maximum performance through the media bed.

The nozzle plate system also allows the introduction of pressurised air directly into the bottom of the filter media. Uniform introduction of air and water through the nozzle plate provides vigorous agitation and filter media bed expansion, required for an effective air/water backwash leading to reduced backwashing times and reduced volumes of water. Save up to 25% of backwash water.

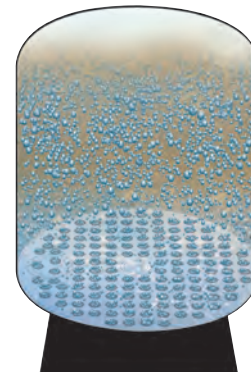
PLEASE NOTE: Also available in 6.0 bar, 8.0 bar and 10 bar versions, price and lead times available upon request.



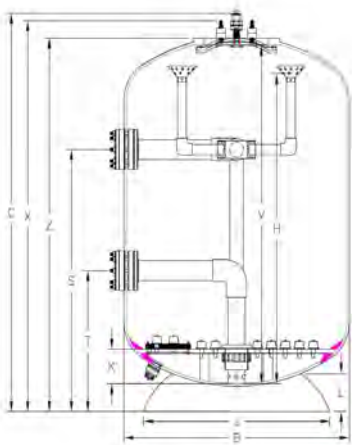
Nozzle Plate underdrain system



Nozzle Plate configuration



Internal Nozzle Plate Service Hatch



All dimensions are for guidance only and may vary subject to individual filter specifications.

Technical Specification

Filter Model	Flange Size	Flange Size	Filter Area	Bed Depth	Maximum Flow Rating 30m³/hr/m²	Maximum Flow Rating 40m³/hr/m²	Sand	EcoPure	Glass Pearls
	"	mm	m²	mm	m³/hr	m³/hr	Kg	Kg	Kg
SPDD900	3.0	90	0.64	1200	19.1	25.4	1095	900	1211
SPDD1050	3.0	90	0.87	1200	26.00	34.60	1485	1221	1643
SPDD1200	3.0	90	1.13	1200	33.90	45.20	1930	1600	2135
SPDD1400	4.0	110	1.54	1200	46.20	61.60	2640	2170	2920
SPDD1600	4.0	110	2.01	1200	60.30	80.40	3455	2840	3822
SPDD1800	6.0	160	2.54	1200	76.30	101.80	4330	3559	4790
SPDD2000	6.0	160	3.14	1200	94.20	125.70	5360	4405	5929
SPDD2200	6.0	160	3.80	1200	114.00	152.00	6530	5550	7223
SPDD2350	6.0	160	4.34	1200	130.10	173.50	7430	6107	8219
SPDD2500	6.0	160	4.91	1200	147.00	196.00	8410	7310	9303

Dimension (mm)

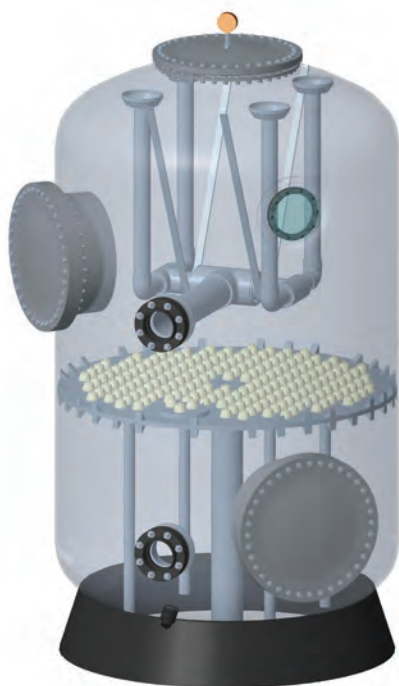
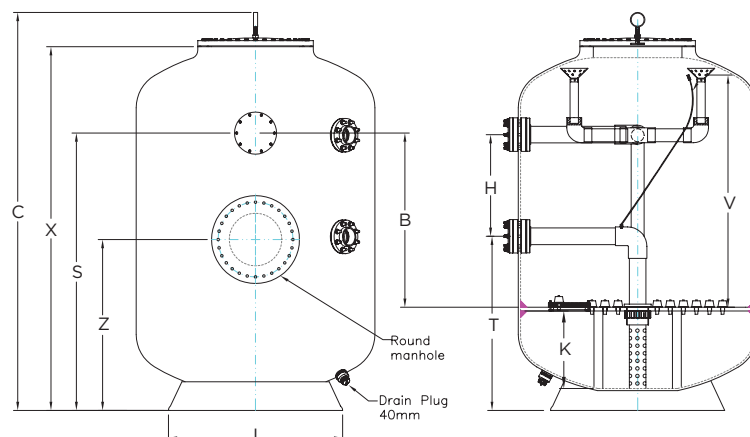
Model	Flange Size		B	C	K	V	H	L	X	Z	J	S	T
SPDD900	90	3"	923	2268	190	1930	1780	155	2183	2113	735	1433	733
SPDD1050	90	3"	1110	2270	220	1950	1820	176	2185	2115	1045	1450	750
SPDD1200	90	3"	1229	2243	150	1900	1750	176	2158	2088	1045	1449	749
SPDD1400	110	4"	1442	2313	200	1975	1800	218	2228	2158	1202	1514	814
SPDD1600	110	4"	1644	2285	200	1950	1800	218	2200	2130	1202	1529	829
SPDD1800	160	6"	1839	2260	320	2010	1920	315	2175	2105	1755	1489	789
SPDD2000	160	6"	2042	2398	320	2100	1920	245	2313	2243	1755	1489	789
SPDD2200	160	6"	2245	2415	380	2090	1980	245	2330	2260	1755	1386	903
SPDD2350	160	6"	2390	2435	355	2118	1955	340	2330	2330	2037	1550	950
SPDD2500	160	6"	2575	2510	355	2190	1955	340	2405	2405	2037	1494	1011

Commercial Filters

WATERCO MICRON NOZZLE PLATE SAND FILTERS - DIN FILTERS - SPDD 2.5 bar

Part No.	Product Description	Nom. Size
	- Excludes MPV (2.5 bar)	
2279120080976	Micron SPDD1200e 3"FL SG L/MH LM200 DIN	48"
22791400100976	Micron SPDD1400e 4"FL SG L/MH LM200 DIN	56"
22791600100976	Micron SPDD1600e 4"FL SG L/MH LM200 DIN	64"
22791800150824	Micron SPDD1800e 6"FL G200 MH600X3 DIN	70"

The Waterco SPDD DIN filters offer all the benefits of the standard Waterco Micron nozzle plate filters with the added advantage of being compliant with DIN 19605:2016-05 standards.



SPDD 1800 DIN filter



Technical Specification

Filter Model	Flange Size	Flange Size	Filter Area	Bed Depth	Maximum Flow Rating 30m³/hr/m²	Maximum Flow Rating 40m³/hr/m²	Sand	EcoPure Glass	Glass Pearls
	"	mm	m²	mm	m³/hr	m³/hr	kg	kg	kg
SPDD1200	3.0	90	1.13	1200	34	45	1930	2170	2135
SPDD1400	4.0	110	1.54	1200	46	62	2640	2170	2920
SPDD1600	4.0	110	2.01	1200	60	80	3455	2840	3822
SPDD1800	6.0	160	2.54	1200	76	102	4330	3559	4790

Dimension (mm)

Model	Flange Size		B	C	K	V	H	L	X	Z	J	S	T
SPDD1200	90	3"	1200	2601	558	1600	700	367	2438	1270	1045	-	1214
SPDD1400	110	4"	1200	2673	530	1600	700	370	2518	1204	1200	-	895
SPDD1600	110	4"	1200	2650	534	1600	700	360	2506	1178	1200	1911	1200
SPDD1800	160	6"	-	3433	-	1600	1250	-	3232	-	1755	2535	700

All dimensions are for guidance only and may vary subject to individual filter specifications.

Commercial Filters



Designed for water treatment and commercial swimming pool facilities, built using the latest in gel-coated fibreglass technology.

- Durable
- Easy to maintain
- Flanged tank port connections
- Perfect for retrofit
- Easy transport
- Flexible configurations available
- Sight glass available
- 4 bar rated
- 1.2m bed depth



WATERCO LACRON LATERAL SPLIT FILTER- SMDDT 4.0 bar

Part No.	Product Description	Nom. Size
	Filter Only	
223912008014	SMDDT Split filter 1200h 3"FL	48"
223914008014	SMDDT Split filter 1400h 4"FL	56"
223916008014	SMDDT Split filter 1600h 4"FL	64"
223918008014	SMDDT Split filter 1800h 6"FL	70"

Ideal for retrofitting

SMDDT Split tank can be delivered in two parts and assembled on site in the plant room. The two halves seal perfectly using a double o-ring and are held together by a flange using bolts and nuts. The filter is specifically designed to fit into existing plant rooms where access is restricted.

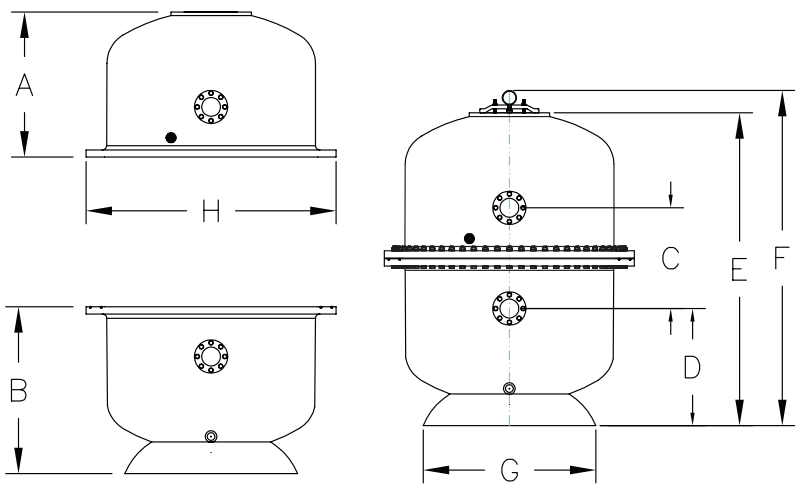
Technical Specification

Model No:	Flange Size	Bed Depth		Inner Diameter			Filter Area		Filtration Flow Rates		Backwash Flow Rates		Sand	EcoPure Media	Glass Pearl
	in	mm	in	mm	in	mm	m²	feet²	30m³/hr/m² m³/hr	36m³/hr/m² m³/hr	40m³/hr/m² m³/hr	50m³/hr/m² m³/hr	kg	kg	kg
SMDDT 1200	3	1200	39.4	1200	47.3	113	12.18	12.18	34	41	45	57	2045	1681	2262
SMDDT 1400	4	1200	39.4	1400	55.2	154	16.58	16.58	46	55	62	77	2804	2334	3142
SMDDT 1600	4	1200	39.4	1600	63.0	201	21.66	21.66	60	72	80	101	3685	3029	4076
SMDDT 1800	6	1200	39.4	1800	70.9	254	27.41	27.41	76	92	102	127	4975	4089	5503

Dimension (mm)

Model	A	B	C	D	E	F	G	H
SMDDT 1200	1010	1095	700	749	2088	2245	1045	1521
SMDDT 1400	1008	1165	700	814	2170	2330	1200	1737
SMDDT 1600	995	1130	700	829	2130	2285	1200	1943
SMDDT 1800	1105	1100	700	789	2188	2355	1760	2105

All dimensions are for guidance only and may vary subject to individual filter specifications.



Commercial Filters



Micron Horizontal Filters

The Micron Horizontal Filter is a space-saving high performer; its compact horizontal design allows installation with minimum waste of space. The spherical ends are designed to give uniform flow from both inlet and outlet collection assemblies. Micron Horizontal filters are available with a 500mm (M) filter media bed and a 1200mm (MD) filter media bed.

MICRON COMMERCIAL HORIZONTAL FILAMENT WOUND FILTERS

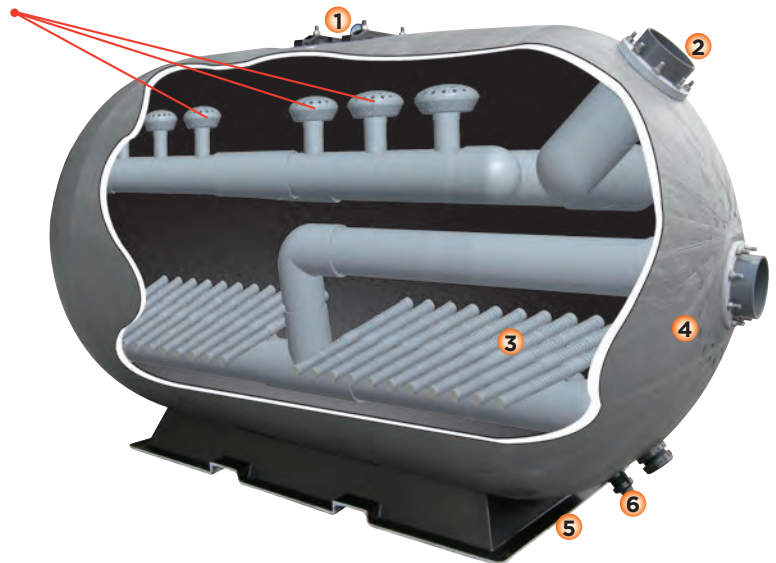
ranges from 2.5 to 10 bar (10 bar not available in all models)

Micron Horizontal's lateral system reduces backwash run times, saves water and produces a flatter more uniform filter media bed after backwashing.

Micron Horizontal vessels are also available with a nozzle plate. The nozzle plate provides even distribution of air scouring and backwashing.

For the ultimate filtration solution of large filter bed area and effective backwashing, Micron Horizontal vessels are the perfect choice.

Micron Horizontal filters include hydraulically efficient distribution manifolds, ensuring balanced circulation and filtration.



- 1 Elliptical positive sealing manways.
- 2 Flanged ports of up to 10".
- 3 Hydraulically balanced distribution and lateral underdrain system.
- 4 Fibreglass wound tank, UV and corrosion resistant.
- 5 Large filter base for stable floor mounting.
- 6 Dual function water & media drain.



Internal plumbing & laterals



Commercial Filters

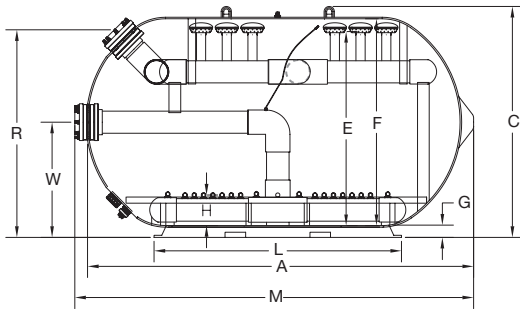


WATERCO MICRON COMMERCIAL HORIZONTAL SAND FILTERS (2.5 bar)

Part No.	Product Description	Nom. Size
22290102	M2500 - 4" (110mm) port connections	2.50m ²
22290150	M3750 - 6" (160mm) port connections	3.75m ²
22290200	M5000 - 6" (160mm) port connections	5.00m ²

Technical Specification

Filter Model	Overall Length mm	Overall Height mm	Overall Width mm	Flange Size ("/mm)	Bed Depth (mm)	Filter Area (m ²)	Ecopure Glass (kg)	Sand 16/30 (kg)	Glass Pearls (kg)	Max. flow 30m ³ /hr/m ² (m ³ /hr)	Max. flow 40m ³ /hr/m ² (m ³ /hr)
M2500	2300	1480	1310	4/110	500	2.50	1742	2120	2304	75	100
M3750	3350	1485	1310	4/110	500	3.75	2844	3460	3552	113	150
M3750	3350	1485	1310	6/160	500	3.75	2844	3460	3552	113	150
M5000	4340	1486	1310	6/160	500	5.00	3830	4660	4898	150	200



Dimension (mm)

Model	Port size	A	C	W	R	L	E	F	G	H	M
M2500	110	2245	1620	740	1300	1400	1005	1260	150	255	2327
M3750	110	3230	1620	740	1300	2520	1005	1260	150	275	3312
M3750	160	3230	1620	740	1300	2520	945	1260	150	275	3312
M5000	160	4220	1620	740	1300	3570	945	1260	150	275	4301

All dimensions are for guidance only and may vary subject to individual filter specifications.



WATERCO MICRON HORIZONTAL DEEP BED BOBBIN WOUND FILTERS 1.2m BED DEPTH (2.5 bar)

Part No.	Product Description	Nom. Size
2229055008	MD5500 - 8" (200mm) port connections	5.50m ²
2229065008	MD6500 - 8" (200mm) port connections	6.50m ²
222908000825	MD8000 - 8" (200mm) port connections	8.00m ²
2229040010L	MD10000 - 10" (280mm) port connections	10.00m ²

Technical Specification

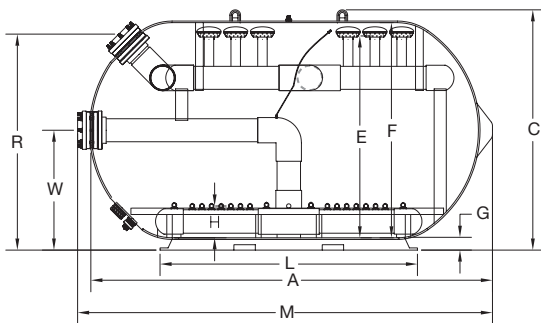
Filter Model	Overall Length mm	Overall Height mm	Overall Width mm	Flange Size ("/mm)	Bed Depth (mm)	Filter Area (m ²)	Ecopure Glass (kg)	Sand 16/30 (kg)	Glass Pearls (kg)	Max. flow 30m ³ /hr/m ² (m ³ /hr)	Max. flow 40m ³ /hr/m ² (m ³ /hr)
MD5500	3122	2173	2000	8/200	1200	5.50	6043	9280	10265	165	220
MD6500	3635	2244	2000	8/200	1200	6.50	9058	11020	12764	195	260
MD8000	4386	2173	2000	8/200	1200	8.00	11753	14300	15834	240	320
MD10000	5850	2173	2000	10/280	1200	10.00	14540	17690	20225	300	400

Flow rate is limited by the port size, max flow for 8"/ 200mm is 422.4m³/hr, and 10"/ 260mm is 654m³/hr.

Dimension (mm)

Model	Port size	A	C	W	R	L	E	F	G	H	M
MD5500	200	3252	2260	1120	1988	1880	1890	2000	230	289	3330
MD6500	200	3765	2260	1120	2020	2405	1890	2000	230	290	3890
MD8000	200	4516	2260	1120	2020	3155	1890	2000	230	290	4640
MD10000	280	5500	2260	1150	2050	4055	1890	2000	230	330	5650

All dimensions are for guidance only and may vary subject to individual filter specifications.



WATERCO MICRON HORIZONTAL OPTIONAL EXTRAS

Part No.	Product Description	Nom. Size
W22115	Sight Glass Fitted	90mm
SSHR200	Side Service Hatch - Round	200mm
SSHR320	Side Service Hatch - Round	320mm
SSHO320	Side Service Hatch - Oval	320 x 200mm
SSHO420	Side Service Hatch - Oval	420 x 320mm

Available in 4, 6 and 8 bar, also available with nozzle plate arrangement.

Commercial Filters



LACRON SUREFLOW HZC - SAND FILTER 2.5 bar

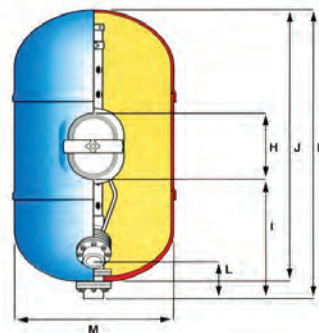
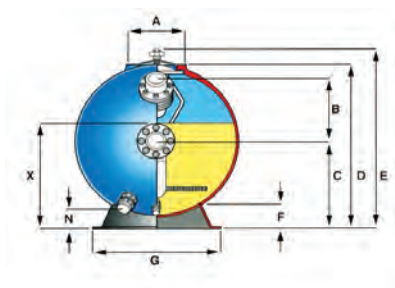
Part No.	Product Description	Nom. Size
	Filter Only	
222942423	HZC - 42 4" (110mm) Connections complete with 2 fitted sight glasses	42" - 1100mm

Technical Specification

Filter model	Tank Diameter (mm)	Bed Depth (mm)	Filter Area (m²)	Flange Size (inch/mm)	Pea Gravel (kg)	Sand (kg)	EcoPure Glass (kg)	Glass Pearl (kg)	Max. Flow (m³/hr)
HZC-42	1100	650	2.000	4 / 110	250	950	800	1045	90

Dimension (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	X
HZC-42	330	400	660	1265	1335	190	815	430	800	1980	2030	310	1120	195	660



LSC36/42

LACRON SUREFLOW LSC - SIDE MOUNT SAND FILTER - 2.5 bar

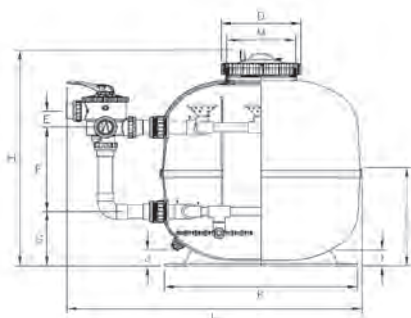
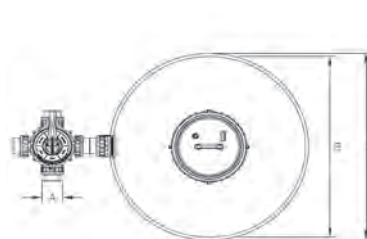
Part No.	Product Description	Nom. Size
	Filter Tank with Connecting Unions Only	
222037CN	LSC - 36 3" (90mm) Connections 8" neck	36" - 915mm
222042N	LSC - 42 3" (90mm) Connections 8" neck	42" - 1100mm
222048N	LSC - 48 3" (90mm) Connections 16" neck	48" - 1200mm

Technical Specification

Filter model	Tank Diameter (mm)	Bed Depth (mm)	Filter Area (m²)	Flange Size (inch/mm)	Pea Gravel (kg)	Sand (kg)	EcoPure Glass (kg)	Glass Pearl (kg)	Max. Flow (m³/hr)
LSC-36	900	500	0.660	3 / 90	75	300	225	330	26
LSC-42	1100	550	0.970	3 / 90	100	450	350	540	43
LSC-48	1200	700	1.130	3 / 90	175	675	525	742	56

Dimension (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	X
LSC-36	128	900	915	267	108	203	303	1031	90	90	735	1512	234	500
LSC-42	128	1086	1100	267	108	325	370	1161	95	90	740	1677	234	550
LSC-48	128	1200	1240	497	108	559	360	1430	100	90	1200	1837	439	700



LSC48

Commercial Filters



Metric Fittings not included
1259A - 50mm Metric Sleeve
1259B - 63mm Metric Sleeve



Metric Fittings not included
1259B - 63mm Metric Sleeve
W02255EBLK - 90mm Metric Sleeve

LACRON FINAFLW MBF - MEDIUM BED SAND FILTER - 2.5 bar

Part No.	Product Description	Nom. Size
	With side hatch, sight glass, & pipeset	
2220588N	MBF - 24 1 1/2" (50mm) Connections 8" Neck	24" - 610mm
2220598N	MBF - 30 2" (63mm) Connections 8" Neck	30" - 760mm

Technical Specification

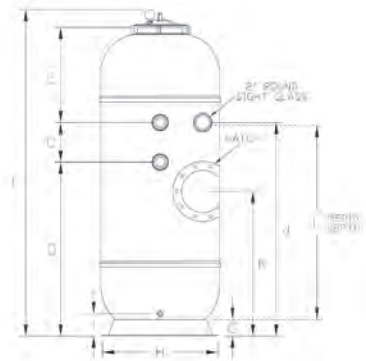
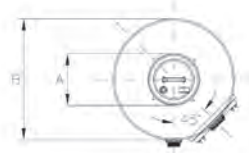
Filter model	Tank Diameter (mm)	Bed Depth (mm)	Filter Area (m²)	Flange Size (inch/mm)	Pea Gravel (kg)	Sand (kg)	EcoPure Glass (kg)	Glass Pearl (kg)	Max. Flow (m³/hr)
MBF-24	610	1000	0.300	1.5 / 50	75	350	280	385	15
MBF-30	760	1000	0.450	2 / 63	100	550	440	605	22.5

Dimensions* (mm)

Model	Type	A	B	C	D	E	F	G	H	I	J	K	L
MBF-24	Collar Neck	267	625	204	896	490	1681	85	595	120	1110	745	1000
MBF-30	Collar Neck	267	780	215	885	490	1681	110	740	120	1110	745	1000

*All figure tolerance 1%. Subject to modification

MBF 24 / 30 Collar Neck



LACRON FINAFLW DBF - DEEP BED SAND FILTER - 2.5 bar

Part No.	Product Description	Nom. Size
	With side hatch, sight glass & connecting unions	
222041624N	DBF - 24 2" (63mm) Connections 8" Neck	24" - 610mm
222041630	DBF - 30 2" (63mm) Connections 9" x 6" Lid	30" - 760mm
222041636	DBF - 36 3" (90mm) Connections 9" x 6" Lid	36" - 915mm
222041642	DBF - 42 3" (90mm) Connections 9" x 6" Lid	42" - 1100mm

Technical Specification

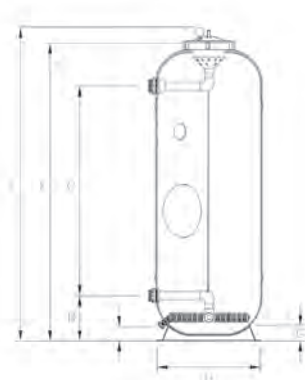
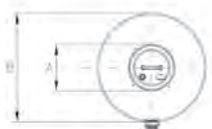
Filter model	Tank Diameter (mm)	Bed Depth (mm)	Filter Area (m²)	Flange Size (inch/mm)	Pea Gravel (kg)	Sand (kg)	EcoPure Glass (kg)	Glass Pearl (kg)	Max. Flow (m³/hr)
DBF-24	610	1300	0.300	63 / 2	75	500	400	550	15
DBF-30	760	1525	0.450	63 / 2	100	775	625	852	22.5
DBF-36	915	1550	0.660	90 / 3	150	950	750	1045	33
DBF-42	1100	1580	0.970	90 / 3	150	1650	1400	1815	48.5

Dimensions* (mm)

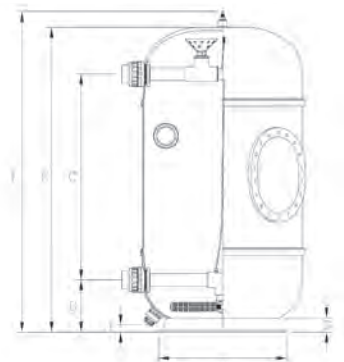
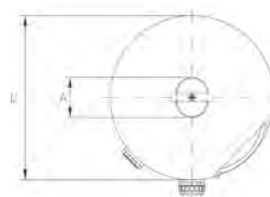
Model	Type	A	B	C	D	E	F	G	H	I
DBF-24	Collar Neck	267	625	1200	260	1706	1797	85	595	85
DBF-30	9" x 6" Lid	230	780	1350	290	1875	1967	110	740	110
DBF-36	9" x 6" Lid	230	945	1180	300	1750	1842	80	740	40
DBF-42	9" x 6" Lid	230	1105	1380	370	2065	2157	95	760	60

*All figure tolerance 1%. Subject to modification

DBF 24



DBF 30 / 36 / 42



Commercial Filters



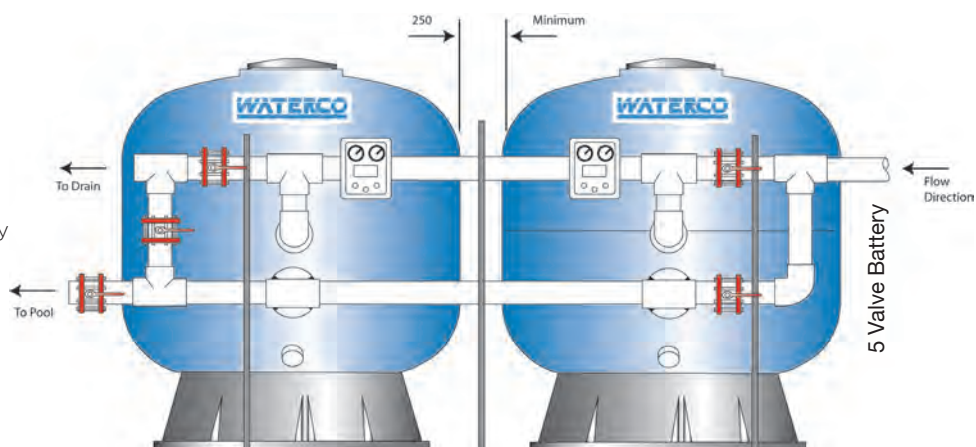
Double Filter 5 valve battery sets available. All double filter 5 valve battery sets come complete with butterfly valves, tees, elbows, pipework and 3 pipe supports.

Double Filter 5 Valve Battery

SINGLE FILTER 5 VALVE BATTERY SETS

Part No.	Product Description	Nom. Size
72859	5 valve battery 3" connections - Self Assembly	3"
72862	5 valve battery 4" connections - Self Assembly	4"
72860	5 valve battery 6" connections - Self Assembly	6"
72864	5 valve battery 90mm connections - Self Assembly	90mm
72863	5 valve battery 110mm connections - Self Assembly	110mm
72861	5 valve battery 160mm connections - Self Assembly	160mm

All 5 valve battery sets come complete with butterfly valves, tees, elbows, pipework and 2 pipe supports
Note: Supplied loose in kit form.



MOUNTED SIGHT GLASS

Part No.	Product Description	Nom. Size
SPXSG300	Mounted sight glass	3"
SPXSG400	Mounted sight glass	4"
SPXSG600	Mounted sight glass	6"
SPXSG90	Mounted sight glass	90mm
SPXSG110	Mounted sight glass	110mm
SPXSG160	Mounted sight glass	160mm



PRESSURE GAUGE PANELS

Part No.	Product Description
6216402	Pressure Gauge Panel Inlet / Outlet - Pewter Complete MKII



AUTO AIR RELEASE VALVE

Part No.	Product Description	Nom. Size
620230	1" Air Release Valve Auto	1"
6209448	Manhole lid - oval- to suit 620230 ARV - for use with models SMDD/SPDD up to 2200	
W74850	Manhole lid - oval- to suit 620230 ARV - for use with models SMDD/SPDD up to 2350/2500	

Media

Media



WATERCO
water, the liquid of life

ECOPURE

GLASS MEDIA

Efficient • Clean • Long Life



Waterco's EcoPure Glass filter media is manufactured from recycled glass; it is an environmentally friendly and viable alternative to sand, offering a finer filtration.

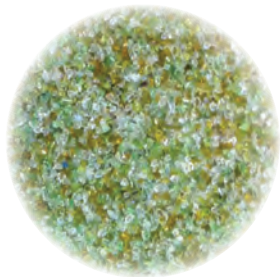
Whereas other filter media may contain a variety of contaminants, Waterco's EcoPure filter media is chemically inert for superior purity. In fact, it does not contain any crystalline free silica or heavy metals.

Its high purity also greatly reduces its initial backwashing requirements, prior to commissioning a filter, enabling a rapid start up of media filters. This backwash also saves water, time and therefore money.

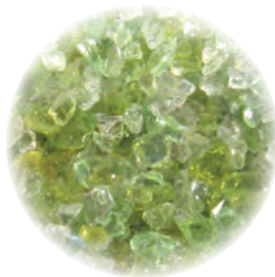
EcoPure is made with 100% recycled glass.

This offers environmental savings when compared with alternative natural resources which would otherwise be used. The product can also help towards social and environmental certifications, such as Bcorp.

Available in three grades with sizes from 0.5mm up to 6mm.



Grade 1 0.5 – 1.0mm
(equivalent to Grade 16/30 sand)



Grade 2 1.0 – 3.0mm



Grade 3 3.0 – 6.0mm
(equivalent to Pea Gravel)



WATERCO
EUROPE LTD
water, the liquid of life



Grade 1 equivalent to 16/30
Grade sand

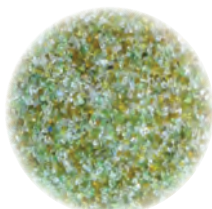


Grade 3 equivalent to 6mm
gravel



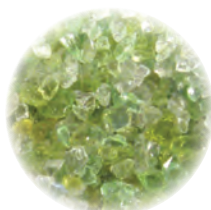
WATERCO GLASS MEDIA

Part No.	Product Description	Nom. Size
2264/20	Grade 1 (0.5mm - 1mm)	20 kg bag
2265/20	Grade 2 (1mm - 3mm)	20 kg bag
2265/20	Grade 3 (3mm - 6mm)	20 kg bag
2264/25	Grade 1 (0.5mm - 1mm) 25kg bag	25 kg bag
2265/25	Grade 2 (1mm - 3mm) 25kg bag	25 kg bag



Grade 1

0.5mm-1mm



Grade 2

1mm-3mm



Grade 3

3mm-6mm

EcoPure Glass media has the green credentials, and with its superior performance is also cost effective in comparison to sand.

EcoPure Glass media has many benefits over sand:

- **EcoPure Glass media is more efficient**
It removes 30% more material and pollutants than sand, so saving on backwashing and the resultant water, energy and chemical treatment costs.
- **EcoPure Glass media keeps cleaner**
It is less susceptible to bio-fouling. As the product is heat treated, surfaces are smooth, so require less remedial action and less chemical treatment to kill pollutants.
- **EcoPure Glass media requires less material**
It is less dense than sand, requiring 15% - 20% less media to fill the equivalent filter.
- **EcoPure Glass media doesn't degrade**
It therefore has a longer life span.
- **EcoPure Glass media is versatile**
Is suitable for both commercial and domestic applications.
- **EcoPure Glass media complies with:**
 - BS69020 : 2014
 - BS EN12879-3 : 2006
 - WHO Guidelines for drinking water quality 2022

EcoPure media is a truly "recycled product" and therefore contains various colours of glass. These colours being clear, green, brown, blue, red and sometimes white. To use only one colour over others would be antithetical to the recycling ethos and would have little benefit to the environment.

Recycling glass should recycle all the colours, this is something that Waterco is proud of offering.

Waterco understands the importance of strong and durable packaging and therefore for EcoPure glass media we use a clear Industrial Champion Polythene Bag rated at 110 micron. The bags have been manufactured to ISO9000 and PIFA standards which also includes a UV additive to ensure the highest quality packaging.

GLASS PEARLS



WATERCO GLASS PEARLS MEDIA

Part No.	Product Description	Nom. Size
35320011UK	Grade 1 Glass Pearls Media 0.6mm - 0.8mm	20 kg

Manufactured from 100% pure recycled glass, Waterco Glass Pearls are a new generation of filter media, capable of providing water of superior clarity and requiring less water for backwashing.

Superior Clarity

Grade 1 Glass Pearls have a small, effective size of only 0.6mm to 0.8mm. Their narrow particle size range allows in-depth filtration and extends operating cycles between backwashing. Glass Pearls have been laboratory tested to be able to effectively filter down to below 3 microns.



Safe and Smooth

Glass Pearls are spherical and do not have any sharp edges. They are safe to handle and safe to service. If there is ever a failure of the filter's laterals and glass beads flow into the swimming pool, they pose no risk of injury to swimmers.

High Purity

Waterco Glass Pearls are manufactured from 100% pure glass and are chemically inert. Waterco Glass Pearls have been independently laboratory tested for leaching contaminants and found to be well within Australian Drinking Water Guidelines.



Save Water

Glass Pearls' spherical smooth shape, results in a low coefficient of friction, reducing their backwash water requirements. Glass Pearls backwash with up to 20% less water than sand, saving time and water.



Reduced Pressure Loss

Glass Pearls reduces pressure loss by up to 30% compared to other filter media.



The Ultimate In Filtration



CLIMATECARE
CERTIFIED

*in conjunction with
Micron Eco filter

Technical Specifications

Filtration Media	Glass Pearl
Backwash rate	16m ³ /hr/m ²
Effective Size (mm)	0.61
Uniformity Coefficient	1.21
Bulk Density	1.61
Mohs Hardness	7.0

Chemical Compositions

Silicon dioxide (SiO ₂)	70.00 - 75.00%
Sodium oxide (Na ₂ O)	12.00 - 15.00%
Calcium oxide (CaO)	7.00 - 12.00%
Magnesium oxide (MgO)	approx - 5.00%
Aluminium (AL ₂ O ₃)	approx - 2.50%
Potassium oxide (K ₂ O)	approx- 1.50%

Pumps

Pumps



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water, the liquid of life

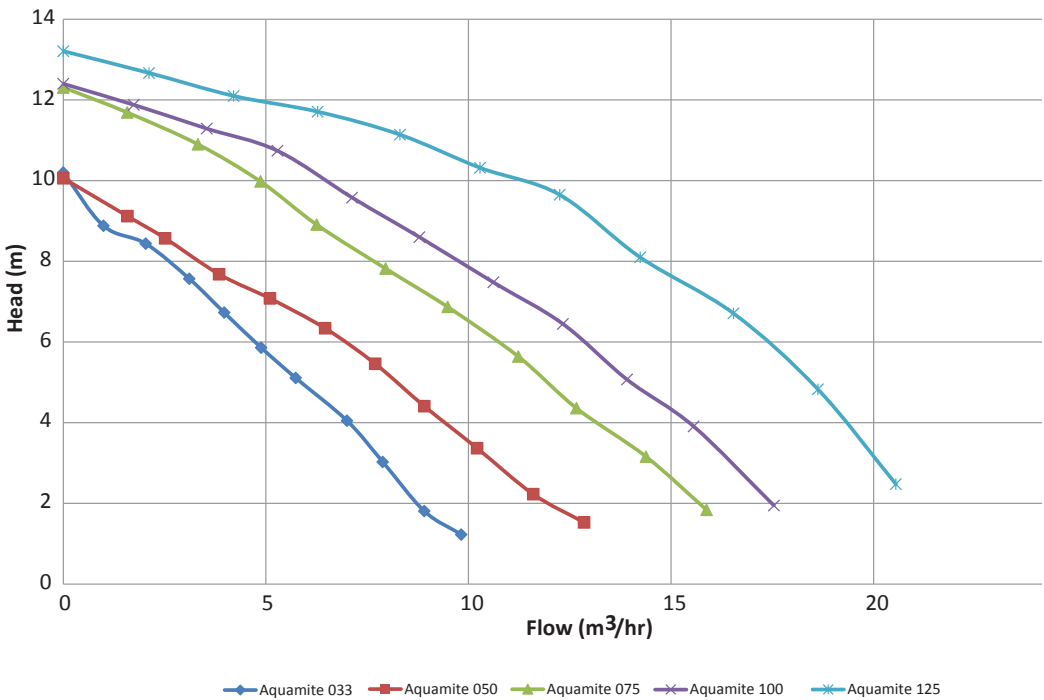
Pumps



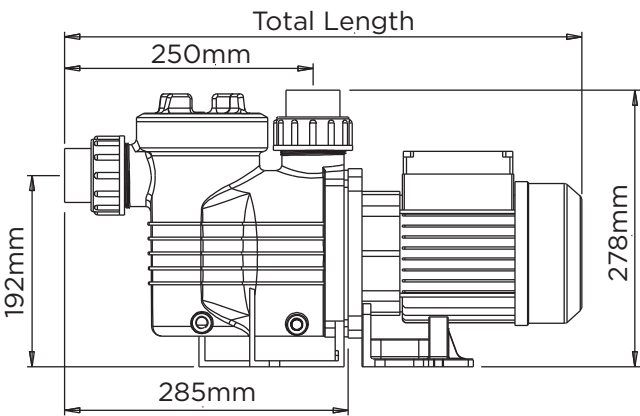
WATERCO AQUAMITE PUMPS - Single Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
1½" port supplied with 1½" imperial & 50mm metric quick connect unions. Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
2402033PNR-M	Aquamite 033	9.8m³/hr	0.53kW
2402050PNR-M	Aquamite 050	12.9m³/hr	0.58kW
2402075PNR-M	Aquamite 075	15.9m³/hr	0.68kW
2402100PNR-M	Aquamite 100	17.5m³/hr	0.74kW
2402125PNR-M	Aquamite 125	20.6m³/hr	0.88kW
Silicon carbide seal required for salt water installations, pricing available on request			

Flow Curve



The Aquamite is a compact pump ideal for domestic swimming pools and small recirculation systems, including ponds and water features.



Technical Specification

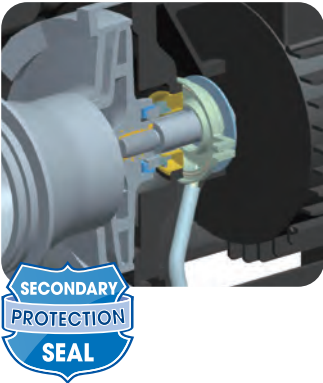
Model	HP	Pmax kW	Amps	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Aquamite 033	0.33	0.530	2.3	1	539	71	9.8m³/hr
Aquamite 050	0.50	0.580	2.6	1	539	71	12.9m³/hr
Aquamite 075	0.75	0.680	3.1	1	539	71	15.9m³/hr
Aquamite 100	1.00	0.740	3.4	1	539	71	17.5m³/hr
Aquamite 125	1.25	0.880	3.9	1	539	71	20.6m³/hr

Phase	Volts	Cycle	RPM
1	220 - 240	50	2860

Pumps



Supastream pumps are general purpose units designed for use in swimming pools and low pressure water recirculation applications.



WATERCO SUPASTREAM PUMPS - Single Phase, S/S shaft

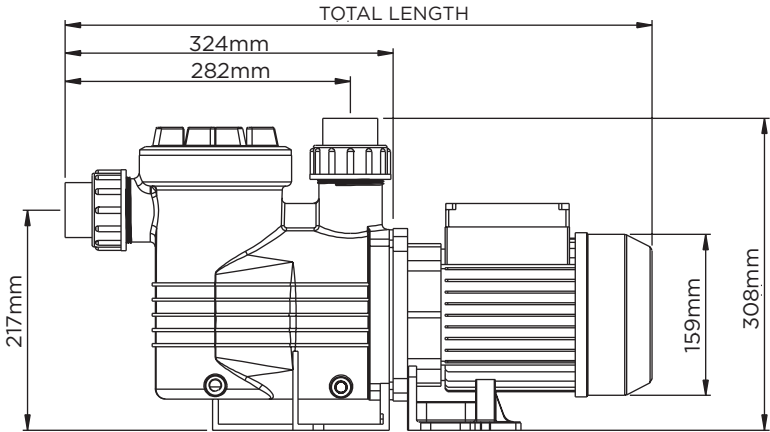
Part No.	Product Description	Q. Max	P. Max
1½" port supplied with 1½" imperial & 50mm metric quick connect unions. Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
2403050PNR-M	Supastream 050	13.8m³/hr	0.570kW
2403075PNR-M	Supastream 075	16.4m³/hr	0.653kW
2403100PNR-M	Supastream 100	20.1m³/hr	0.860kW
2403150PNR-M	Supastream 150	25.5m³/hr	1.112kW

All models also available with 2"/63mm ports - pricing and availability on request. Silicon carbide seal required for salt water installations, pricing available on request

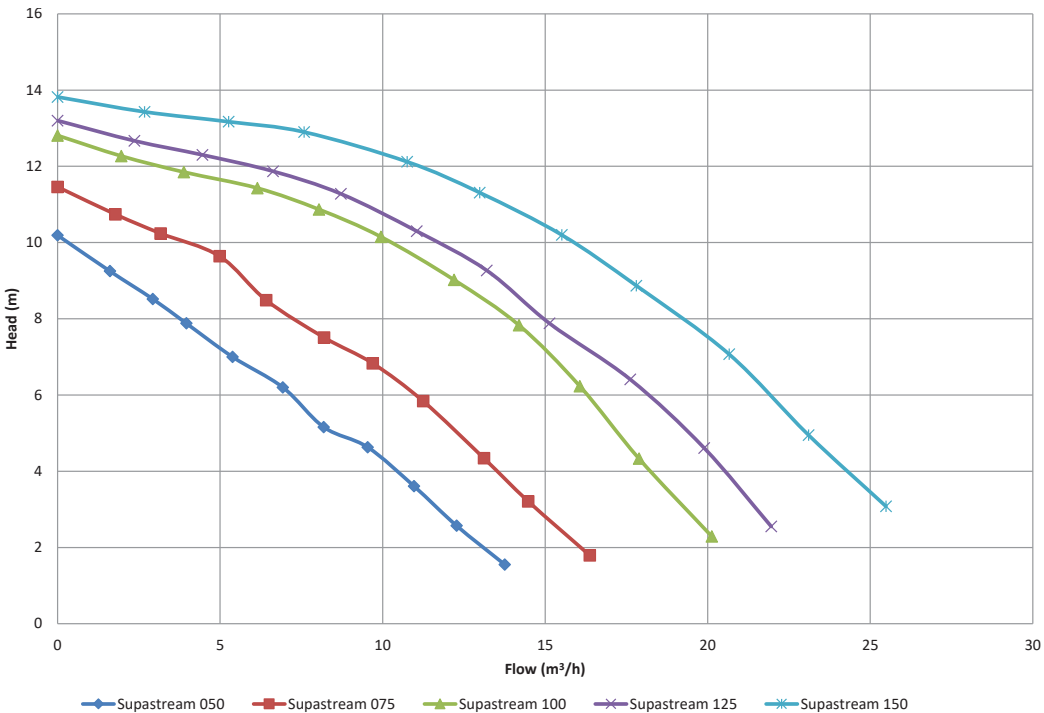
Technical Specification

Model	HP	Pmax kW	Amps	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Supastream 050	0.50	0.57	2.5	1	574	71	13.8m³/hr
Supastream 075	0.75	0.653	2.9	1	574	71	16.4m³/hr
Supastream 100	1.00	0.86	3.6	1	536	71	20.1m³/hr
Supastream 150	1.50	1.112	5.0	1	559	80	25.5m³/hr

Phase	Volts	Cycle	RPM
1	220 - 240	50	2860



Flow Curve



Pumps



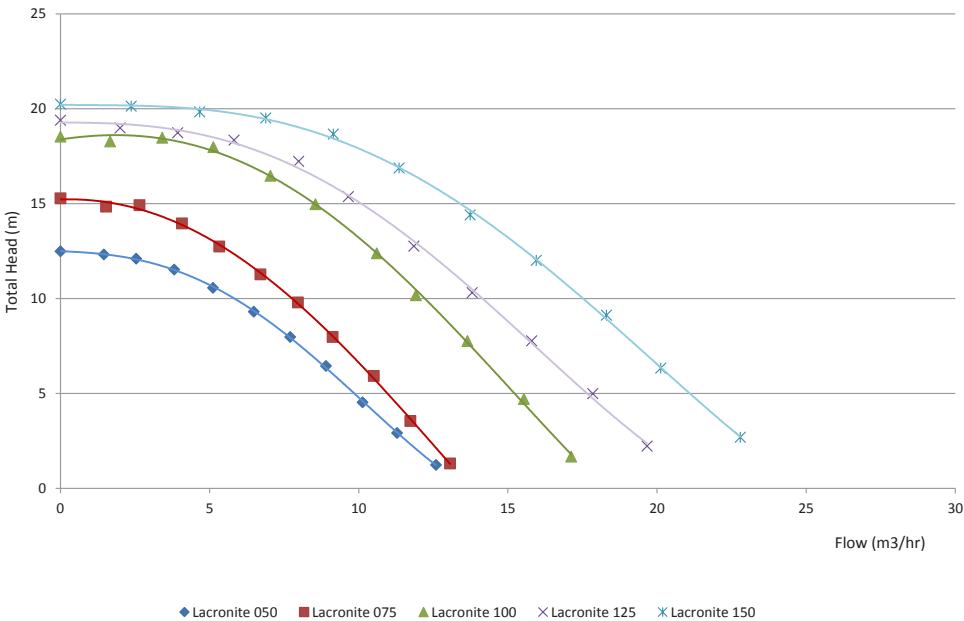
WATERCO LACRONITE PUMPS—Single phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
1½" port supplied with 1½" imperial & 50mm metric quick connect unions and internal threaded connections. Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
24070050PNR-M	Lacronite 050	11.7m³/hr	0.588kW
24070075PNR-M	Lacronite 075	12.3m³/hr	0.662kW
24070100PNR-M	Lacronite 100	17.2m³/hr	0.873kW
24070150PNR-M	Lacronite 150	22.8m³/hr	1.379kW

Silicon carbide seal required for salt water applications, pricing available on request.

The Lacronite pump is ideal for large domestic swimming pools with ancillary systems such as heating, in-floor cleaning, fountains, vacuum cleaning and swim jets.

Flow Curve



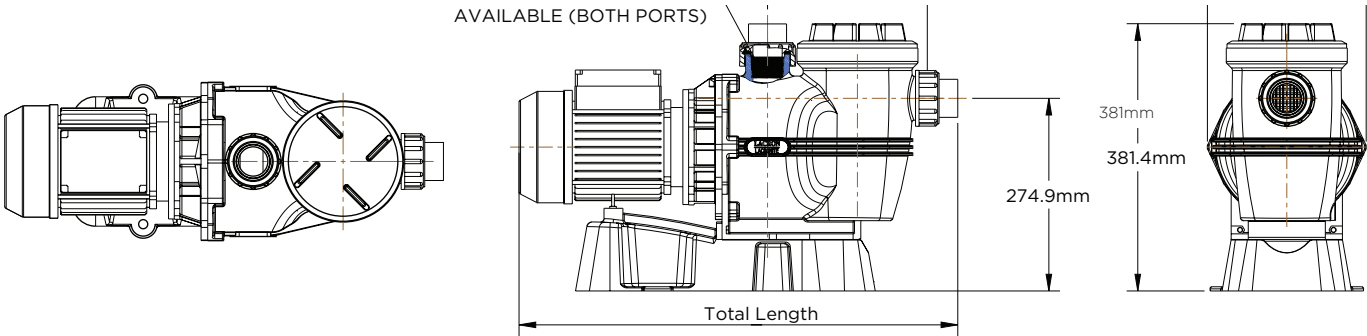
Direct replacement for the STARITE 5P2R and the Hayward Super Pump

No alteration of plumbing required

Technical Specification

Model	Flow rate m³/hr		Nominal Power (hp)	Motor input (kW)	Amps	Total Length (mm)	Total Width (mm)	Total Height (mm)
	8m	10m						
Lacronite 50	8	6	0.50	0.588	3.2	597	227	381
Lacronite 75	9	8	0.75	0.662	3.7	597	227	381
Lacronite 100	14	12	1.00	0.873	4.3	597	227	381
Lacronite 150	19	17	1.50	1.379	6.2	617	227	381

Phase	Volts	Cycle	RPM
1	220 - 240	50	2860



Pumps

LACRONITE ECO-V

WATERCO LACRONITE ECO-V PUMPS—Single Phase, S/S shaft

Part No.	Product Description	P. Max
240701009	Lacronite ECO V 100	0.892kW
240701509	Lacronite ECO V 150	1.209kW

Silicon carbide seal required for salt water applications, pricing available on request.



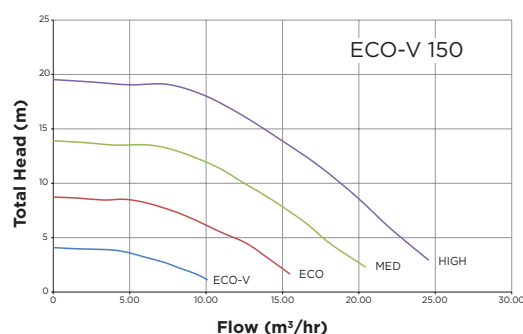
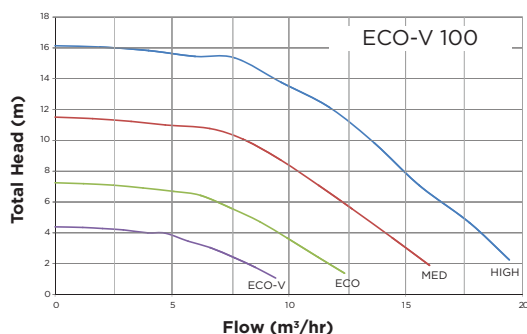
The Lacronite ECO V pump is ideal for large domestic swimming pools with ancillary systems such as heating, in-floor cleaning, fountains, vacuum cleaning and swim jets.

Lacronite ECO-V's 3 speed options cater for most pool functions.

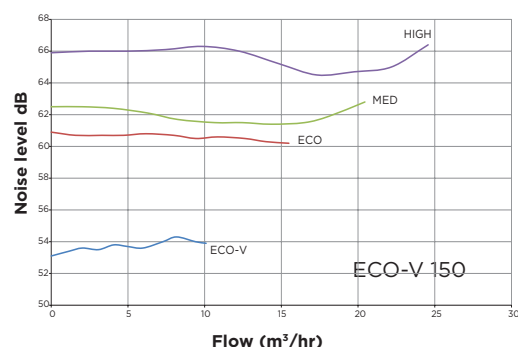
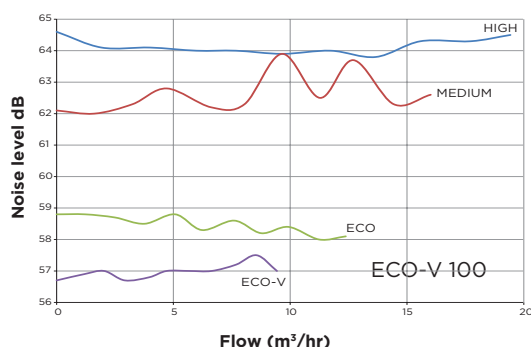
- High speed - Vacuuming and backwash, 1% of the time.
- Medium speed - Automatic pool cleaners.
- Eco speed - Filtration, 99% of the time.

As a pool's filtration cycle occupies 99% of the run time of a pool pump, you can operate the Lacronite ECO-V on its low speed setting for a majority of its running time, leading to significant energy savings.

Flow Curve



Noise Curve



Direct replacement for the STARITE 5P2R and the Hayward Super Pump
No alteration of plumbing required

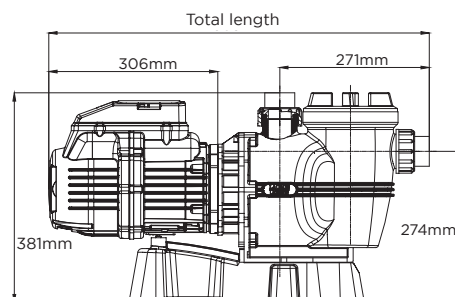
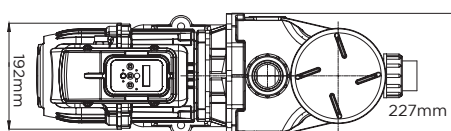
Technical Specification

Model	Flow rate m³/hr		Nominal Power	Motor input	Amps	Total Length	Total Width	Total Height
	8m	10m	(hp)	(kW)		(mm)	(mm)	(mm)
Lacronite 100 ECO - V	14	12	1.00	0.892	6.5	630	227	381
Lacronite 150 ECO - V	19	17	1.50	1.209	8.5	638	227	381

Phase	Volts	Cycle	RPM
1	220 - 240	50	1900 (Eco) , 2410 (Medium) , 2850 (High)



Inlet / outlet ports include external and internal threads



Pumps



The Supatuf is ideal for large domestic swimming pools with ancillary systems.

Also available in 60Hz

WATERCO SUPATUF MK2 PUMPS - Single Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
2" port supplied with 2" imperial & 63mm metric quick connect unions			
Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal			
2410500EUM	Supatuf MK2 050	13.8m ³ /hr	0.455kW
2410750EUM	Supatuf MK2 075	15.6m ³ /hr	0.598kW
24110002EUM	Supatuf MK2 100	20.6m ³ /hr	0.841kW
24115002EUM	Supatuf MK2 150	25.5m ³ /hr	1.084kW
2412000EUM	Supatuf MK2 200	30.5m ³ /hr	1.500kW
2413000EUM	Supatuf MK2 300	34.6m ³ /hr	1.959kW

Silicon carbide seal required for salt water installations, pricing available on request.

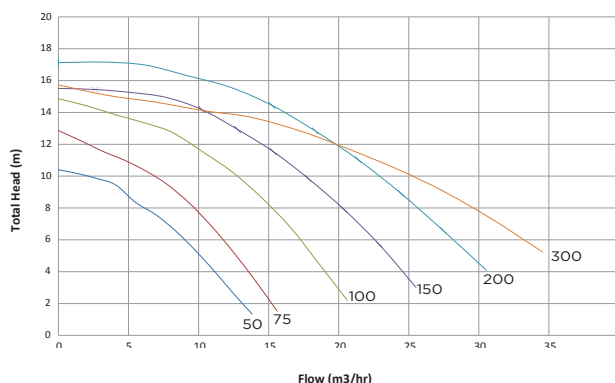
WATERCO SUPATUF MK2 PUMPS - Three Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
2" port supplied with 63mm metric quick connect unions			
Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal			
24105003PNR-M	Supatuf MK2 050 - suits WCVFD01*	13.9m ³ /hr	0.446kW
24107503PNR-M	Supatuf MK2 075 - suits WCVFD01*	15.5m ³ /hr	0.596kW
241100023PNR-M	Supatuf MK2 100 - suits WCVFD02*	21.4m ³ /hr	0.872kW
241150023PNR-M	Supatuf MK2 150 - suits WCVFD02*	26m ³ /hr	1.09kW
24120003PNR-M	Supatuf MK2 200 - suits WCVFD02*	30.7m ³ /hr	1.479kW
24130003E3EUM	Supatuf MK2 300 - suits WCVFD03*	36m ³ /hr	2.073kW

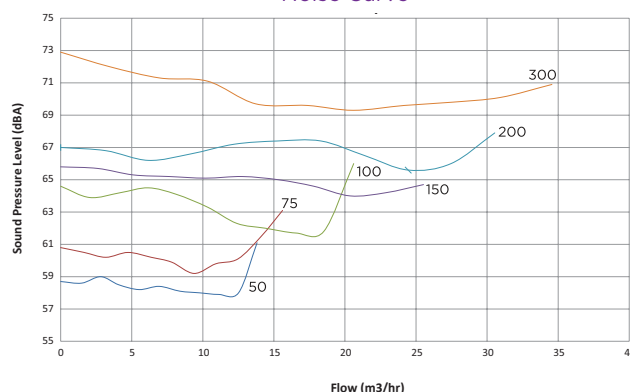
Silicon carbide seal required for salt water installations, pricing available on request.

*For more variable frequency drive (VFD) information, please visit page 76-77

Flow Curve



Noise Curve

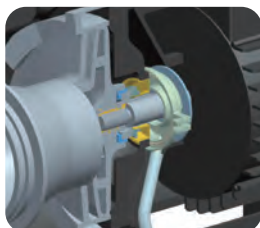
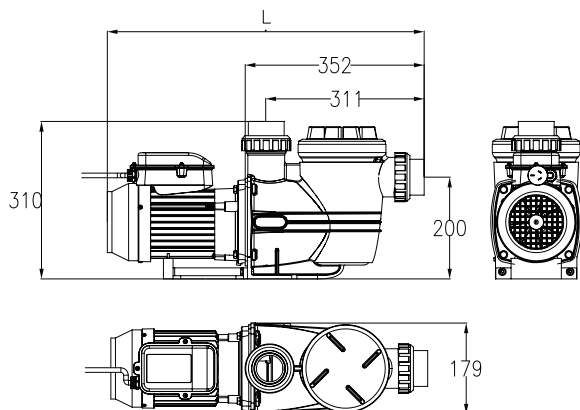


Technical Specification

Model	HP	Pmax kW	Amps	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Supatuf 050	0.50	0.455	2.1	1	602	63	13.8m ³ /hr
Supatuf 075	0.75	0.598	2.7	1	602	71	15.6m ³ /hr
Supatuf 100	1.00	0.841	3.70	1	602	71	20.6m ³ /hr
Supatuf 150	1.50	0.84	4.8	1	623	80	25.5m ³ /hr
Supatuf 200	2.00	1.500	6.6	1	663	80	30.5m ³ /hr
Supatuf 300	3.00	1.959	8.8	1	663	80	34.6m ³ /hr

Model	HP	Pmax kW	Amps	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Supatuf 050	0.50	0.446	1.1	3	587	71	13.9m ³ /hr
Supatuf 075	0.75	0.596	1.3	3	587	71	15.5m ³ /hr
Supatuf 100	1.00	0.872	2.1	3	587	71	21.4m ³ /hr
Supatuf 150	1.50	1.017	1.9	3	608	80	25.5m ³ /hr
Supatuf 200	2.00	1.479	2.1	3	629	80	30.7m ³ /hr
Supatuf 300	3.00	2.073	4.4	3	655	90	36.0m ³ /hr

Phase	Volts	Cycle	RPM
1	220 - 240	50	2860
3	380 - 415	50	2860



Pumps



WATERCO SUPATUF ECO-V PUMPS - Single Phase, S/S shaft

Part No.	Product Description	P. Max	
2" port supplied with 2" imperial & 63mm metric quick connect unions			
Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal			
24110009EUM	Supatuf Eco-V 100	22.1m³/hr	0.84kW
24115009EUM	Supatuf Eco-V 150	26.8m³/hr	1.03kW
Silicon carbide seal required for salt water installations, pricing available on request			

Silicon carbide seal required for salt water installations, pricing available on request

Supatuf ECO-V's 3 speed options cater for most pool functions.

- High speed - Vacuuming and backwash, 1% of the time.
- Medium speed - Automatic pool cleaners.
- Low speed - Filtration, 99% of the time

As a pool's filtration cycle occupies 99% of the run time of a pool pump, you can operate the Supatuf ECO-V on its low speed setting for a majority of its running time, leading to significant energy savings.

Equipped with an energy saving variable speed motor, Supatuf ECO-V is capable of lowering its speed, reducing its energy usage and reducing its operating noise levels.

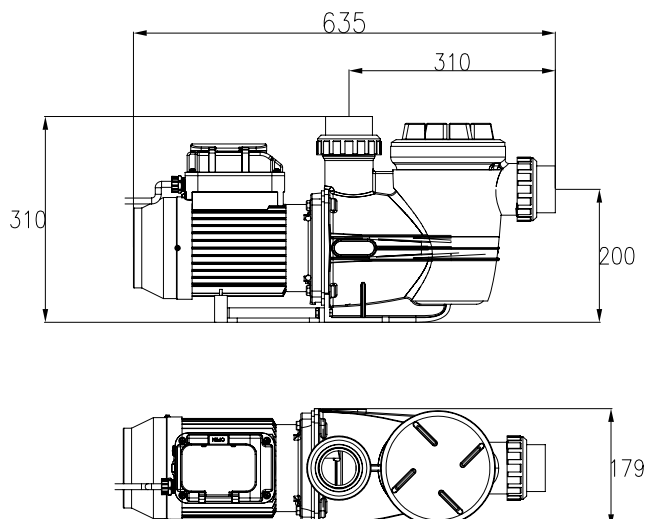
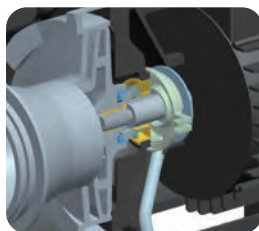
- Permanent magnet brushless DC motor
- Ultra quiet operation
- 2" / 63mm quick connect unions



Technical Specification

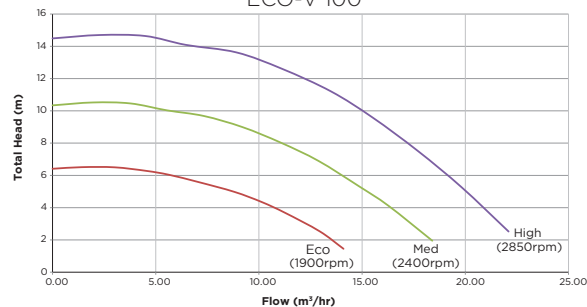
Model	HP	Pmax kW	Amps	Total Length (mm)	Input (kW)
Supatuf Eco-V100	1.00	0.813	5.7	635	0.975
Supatuf Eco-V150	1.50	1.012	7.0	635	1.400

Phase	Volts	Cycle	RPM
1	220 - 240	50/60	1900 (Low) 2410 (Medium) 2850 (High)

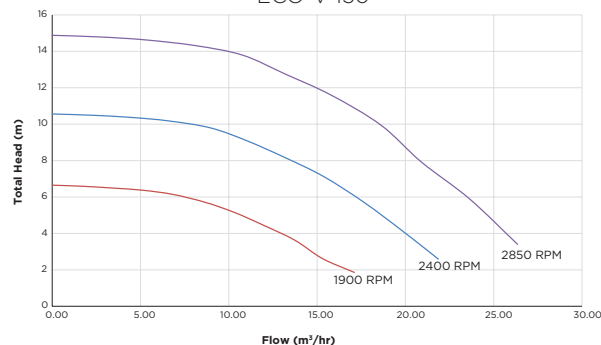


Flow Curve

ECO-V 100

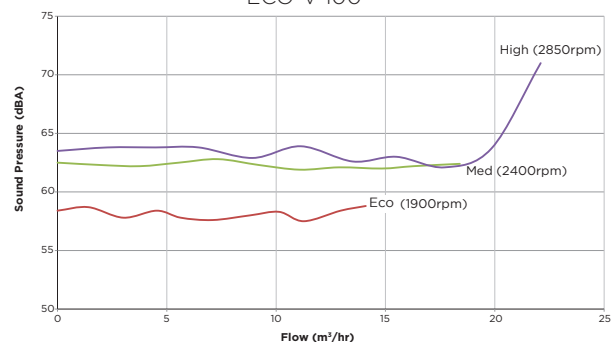


ECO-V 150

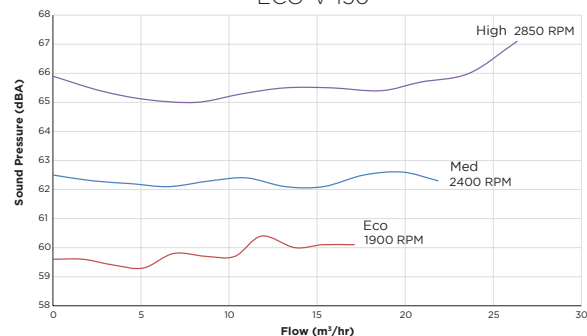


Noise Curve

ECO-V 100



ECO-V 150



Pumps



The Hydrostorm is designed to have all the extra power you need to cope with today's swimming pool designs.

WATERCO HYDROSTORM PUMPS HIGH HEAD - Single Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
2" port supplied with 2" imperial & 63mm metric quick connect unions.			
Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
244100PNR-M	Hydrostorm 100	19.7m ³ /hr	0.870kW
244150PNR-M	Hydrostorm 150	24.7m ³ /hr	1.310kW
244200PNR-M	Hydrostorm 200	25.9m ³ /hr	1.920kW
244300PNR-M	Hydrostorm 300	36.3m ³ /hr	2.150kW

Silicon carbide seal required for salt water installations, pricing available on request.

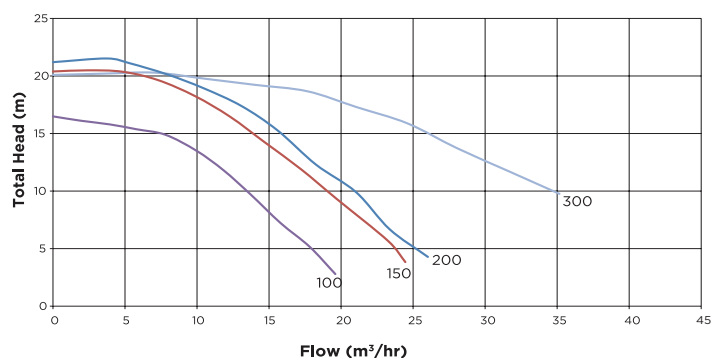
WATERCO HYDROSTORM PUMPS HIGH HEAD - Three Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
2" port supplied with 63mm metric quick connect unions.			
Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
2441003E3EUM	Hydrostorm 100 - suits WCVFD02*	19.7m ³ /hr	0.860kW
2441503PNR-M	Hydrostorm 150 - suits WCVFD02*	24.1m ³ /hr	1.282kW
2442003PNR-M	Hydrostorm 200 - suits WCVFD02*	26.3m ³ /hr	1.490kW
2443003GEUM	Hydrostorm 300 - suits WCVFD03*	36.3m ³ /hr	2.152kW

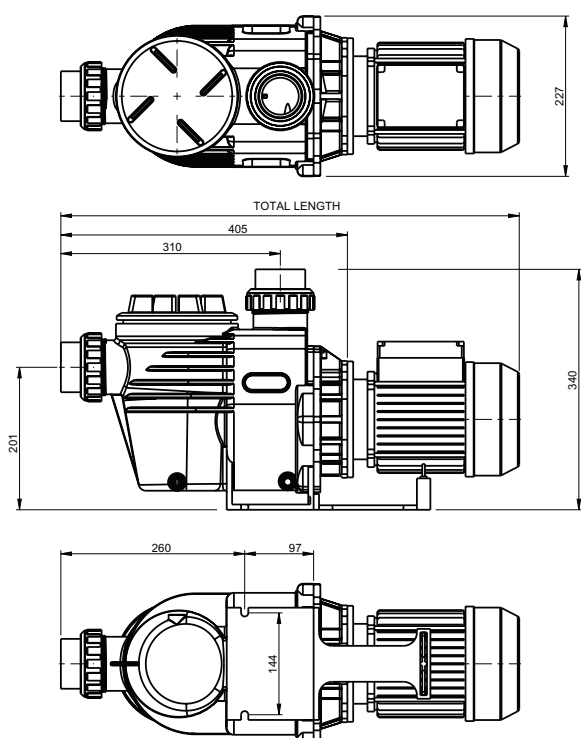
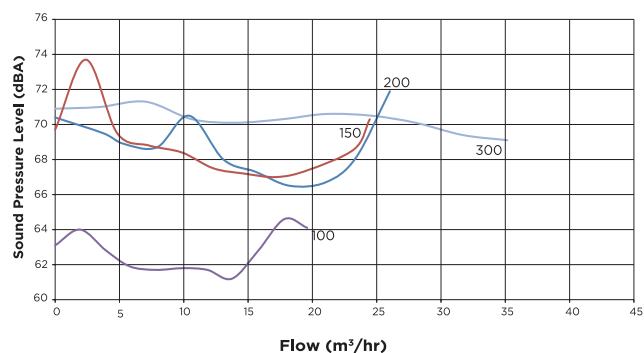
Silicon carbide seal required for salt water installations, pricing available on request.

*For more variable frequency drive (VFD) information, please visit page 76-77

Flow Curve



Noise Level



Techinal Specification

Model	HP	Pmax KW	Amps	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Hydrostorm 100	1.00	0.870	3.8	1	622	71	19.7m ³ /hr
Hydrostorm 150	1.50	1.310	5.4	1	642	80	24.7m ³ /hr
Hydrostorm 200	2.00	1.92	6.1	1	642	80	25.9m ³ /hr
Hydrostorm 300	3.00	2.150	10.0	1	682	80	36.3m ³ /hr

Model	HP	Pmax KW	Amps	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Hydrostorm 100	1.00	0.860	2.1	3	618	71	19.7m ³ /hr
Hydrostorm 150	1.50	1.382	2.4	3	647	80	24.1m ³ /hr
Hydrostorm 200	2.00	1.49	3.2	3	647	80	26.3m ³ /hr
Hydrostorm 300	3.00	2.152	4.2	3	691	80	36.3m ³ /hr

Phase	Volts	Cycle	RPM
1	220 - 240	50	2860
3	380 - 415	50	2860

Pumps



The Hydrostorm Plus has all the proven features of the Hydrostorm with the added benefit of an innovative lid and locking for easier maintenance and a larger strainer basket for increased capacity.

Also available in 60hZ

WATERCO HYDROSTORM PLUS PUMPS HIGH HEAD - Single Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
2" Ports supplied with imperial & metric quick connect unions. Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
2405100PNR-M	Hydrostorm Plus 100 - 2" / 63mm	19.8m ³ /hr	0.910kW
2405150PNR-M	Hydrostorm Plus 150 - 2" / 63mm	25.2m ³ /hr	1.380kW
2405200PNR-M	Hydrostorm Plus 200 - 2" / 63mm	25.9m ³ /hr	1.420kW
2405300PNR-M	Hydrostorm Plus 300 - 2.5" / 75mm	34.9m ³ /hr	1.87kW

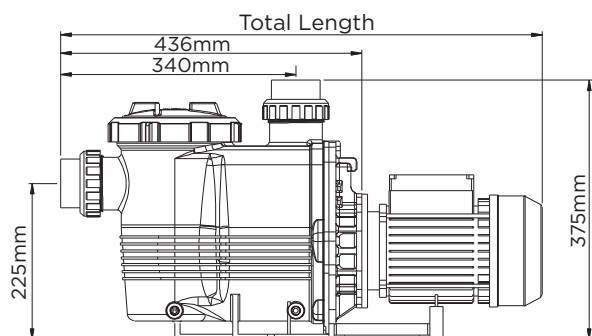
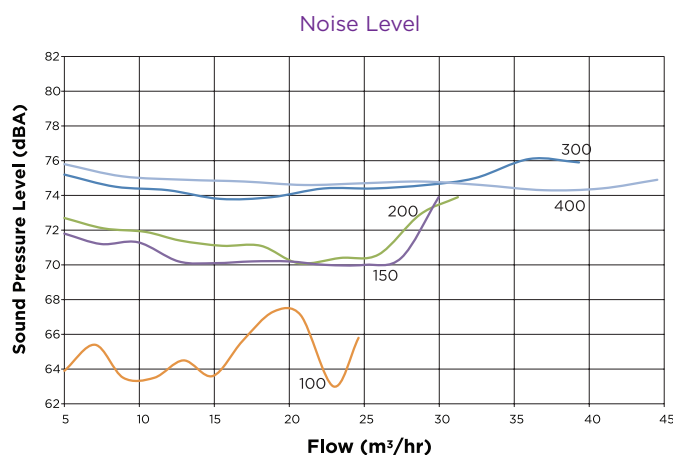
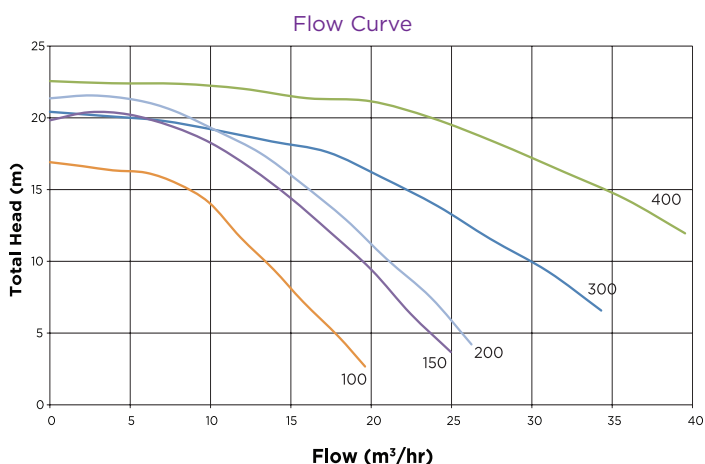
Silicon carbide seal required for salt water installations, pricing available on request.

WATERCO HYDROSTORM PLUS PUMPS HIGH HEAD - Three Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
2" Ports supplied with imperial & metric quick connect unions. Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
24051503PNR-M	Hydrostorm Plus 150 - 2" / 63mm - suits WCVFD02*	24.0m ³ /hr	1.300kW
24052003PNR-M	Hydrostorm Plus 200 - 2" / 63mm - suits WCVFD02*	26.4m ³ /hr	1.511kW
24053003E3EUM	Hydrostorm Plus 300 - 2.5" / 75mm - WCVFD03*	36.6m ³ /hr	2.096kW
240540039GEUM	Hydrostorm Plus 400 - 2.5" / 75mm - suits WCVFD04*	51.0m ³ /hr	2.738kW

Silicon carbide seal required for salt water installations, pricing available on request.

*For more variable frequency drive (VFD) information, please visit page 76-77



Technical Specification

Model	HP	Pmax kW	Amps/Phase	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Hydrostorm Plus 100	1.00	0.910	4.0	1	652	71	19.8m ³ /hr
Hydrostorm Plus 150	1.50	1.380	5.7	1	672	80	25.2m ³ /hr
Hydrostorm Plus 200	2.00	1.402	6.1	1	672	80	25.9m ³ /hr
Hydrostorm Plus 300	3.00	2.007	8.8	1	729	80	34.9m ³ /hr

Model	HP	Pmax kW	Amps/Phase	Phase	Total Length (mm)	Motor Frame	Flow Rate Qmax.
Hydrostorm Plus 150	1.50	1.30	2.4	3	677	80	24.0m ³ /hr
Hydrostorm Plus 200	2.00	1.511	2.4	3	677	80	26.4m ³ /hr
Hydrostorm Plus 300	3.00	2.096	4.3	3	738	90	36.3m ³ /hr
Hydrostorm Plus 400	4.00	2.738	5.5	3	757	100	41.0m ³ /hr

Phase	Volts	Cycle	RPM
1	220 - 240	50	2860
3	380 - 415	50	2860

Pumps



TurboFlo is a hydraulically efficient, high performance pump designed for pools and spas with high power requirements. It has an adjustable wet end which can be configured to suit up to 5 different plumbing conditions.

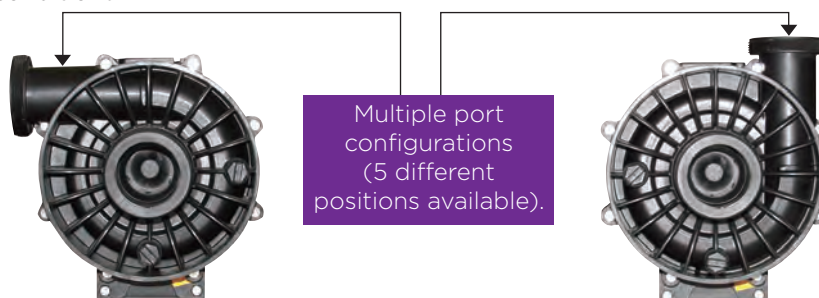
WATERCO TURBOFLO PUMPS - Single Phase, Three Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
2" port supplied with 2" imperial and 63mm metric quick connect unions. Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal.			
2462100PNR-M	TurboFlo 100	21.4m ³ /hr	0.940kW
2462125PNR-M	TurboFlo 125	22.4m ³ /hr	1.050kW
2462150PNR-M	TurboFlo 150	27.1m ³ /hr	1.400kW
2462200PNR-M	TurboFlo 200	29.0m ³ /hr	1.414kW
2462250PNR-M	TurboFlo 250	33.3m ³ /hr	1.700kW
2462300PNR-M	TurboFlo 300	40.2m ³ /hr	2.480kW
2462400GEUM	TurboFlo 400 (three phase)	48.3m ³ /hr	3.060kW

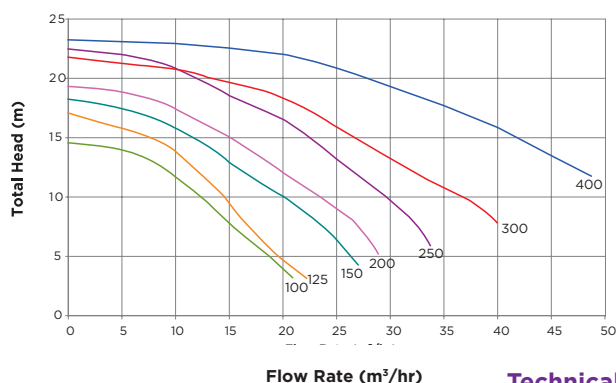
Silicon carbide seal required for salt water installations, pricing available on request.

Adjustable wet end

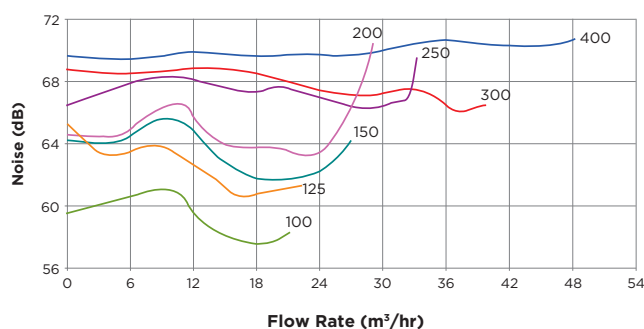
The outlet port of the TurboFlo can be configured to suit different plumbing conditions.



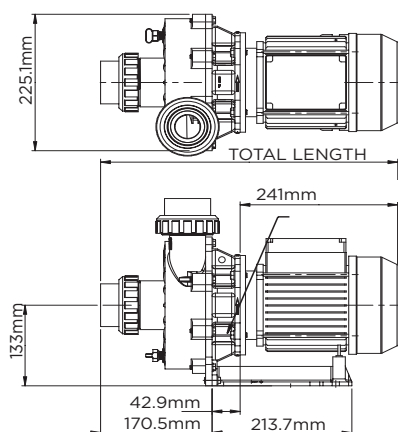
Flow Curves



Noise Curve



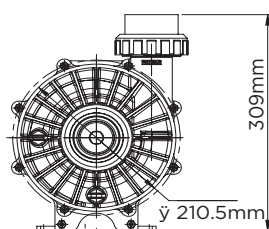
Dimensions



Technical Specification

Model	Nominal Power (hP)	Motor Input (kW)	Amps	Total Length (mm)	Motor Frame (mm)	Inlet/Outlet
TurboFlo 100	1.00	0.940	4.1	430	71	2"/63mm
TurboFlo 125	1.25	1.050	4.5	450	80	2"/63mm
TurboFlo 150	1.50	1.400	5.9	450	80	2"/63mm
TurboFlo 200	2.00	1.414	6.3	450	80	2"/63mm
TurboFlo 250	2.50	1.700	8.2	490	80	2"/63mm
TurboFlo 300	3.00	2.480	9.1	490	80	2"/63mm
TurboFlo 400	4.00	3.060	5.7	522	100	2"/63mm

Phase	Volts	Cycle	RPM
1	220 - 240	50	2860
3	380 - 415	50	2860



Pumps



SILENSOR® by DAVEY

SILENSOR

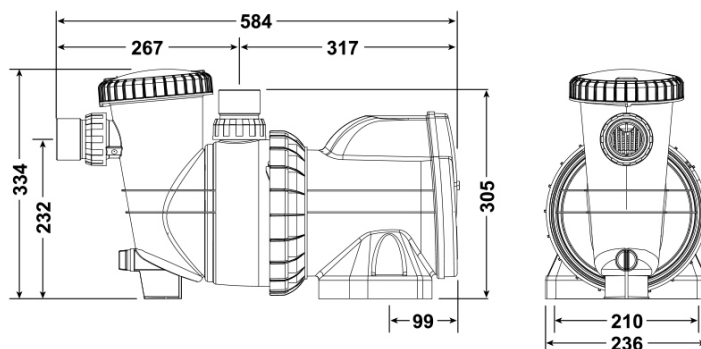
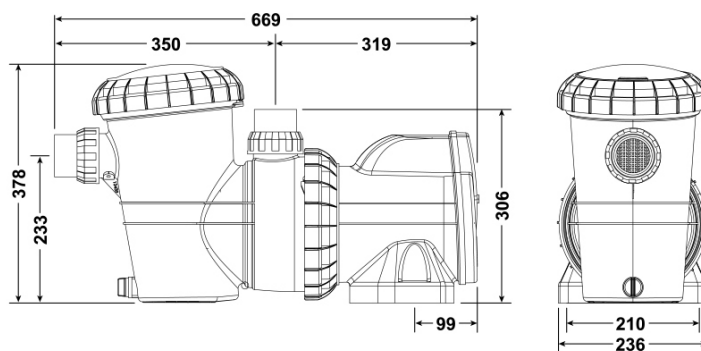
Part No.	Product Description
SLL150E	Silensor Pool Pump - 3/4hp XL basket
SLL200E	Silensor Pool Pump - 1.0hp XL basket
SLL300E	Silensor Pool Pump - 1.5hp XL basket
SLL400E	Silensor Pool Pump - 2.0hp XL basket
SLL1503F	Silensor 3-phase Pool Pump - 3/4hp XL basket
SLL2003F	Silensor 3-phase Pool Pump - 1.0hp XL basket
SLL3003F	Silensor 3-phase Pool Pump - 1.5hp XL basket
SLL4003F	Silensor 3-phase Pool Pump - 2.0hp XL basket

Revolutionary Water Cooled Pool Pumps

Ideal for pool filtration, water features, and pool & spa heating systems.

- Water cooled pump that runs quieter with less vibration - average 55dBa
- Does not need ventilation - more flexibility for installer
- Long life design - no corrosion
- Extra-large 4.5 litre leaf basket - long intervals between cleaning
- Loss of prime protection - automatic cut out to protect pump
- Inbuilt thermal cut out - no need for separate safety switch
- Suitable for saltwater pools
- Available in single and three phase models, flows up to 24m³/hr

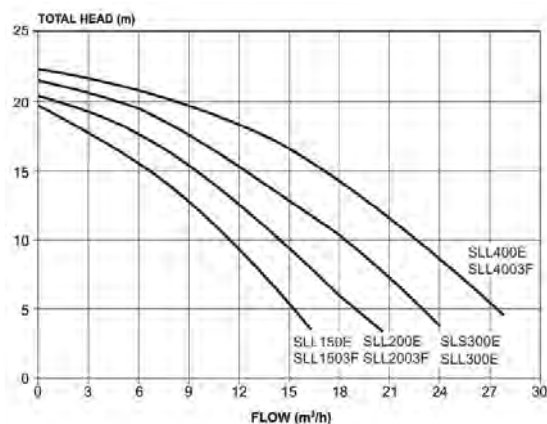
Dimensions



Technical Specification

Model No.	Mounting Holes Diameter	Inlet PVC	Outlet PVC	Net Weight
SLL150E	10x34	50	50	11.0
SLL200E	10x34	50	50	12.5
SLL300E	10x34	63	63	12.5
SLL400E	10x34	63	63	13.0
SLL1503F	10x34	50	50	11.0
SLL2003F	10x34	50	50	12.5
SLL3003F	10x34	63	63	12.5
SLL4003F	10x34	63	63	14.0

Flow Curves



Pumps



SP200BT

Silencer VSD - A pump like no other with Bluetooth. High efficiency, super quiet, water design.

- **Bluetooth enabled** - to allow set and control filtration and speed cycles from your iOS or Android smartphone
- **Ability to cap peak flow, priming and backwash speeds** - ideal for retrofit installations with sand filters
- **Super quiet** - designed with a unique water cooled motor which captures noise and vibrations, allowing super quiet operation, rated down to 50dBa. Your neighbours won't even know it's there
- **Backwash speed cycling technology** - for effective media cleaning and reducing waste water when backwashing
- **Loss of prime protection** - minimises damage if the pump runs dry
- **Convenient** - extra large 4.5 litre leaf basket - less cleaning required
- **Weatherproof RJ45 communication port** - speed adjustment by external pool controller, pool cover or heat pump (Silencer Pro Premium SP400BT only)

SP400BT



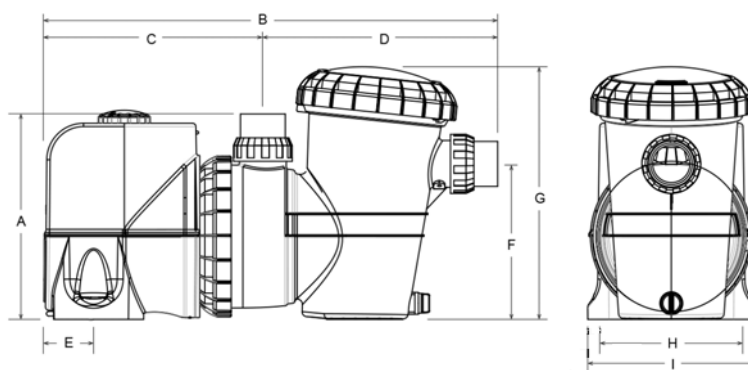
SILENSOR[®] PRO
by DAVEY

SILENSOR VSD

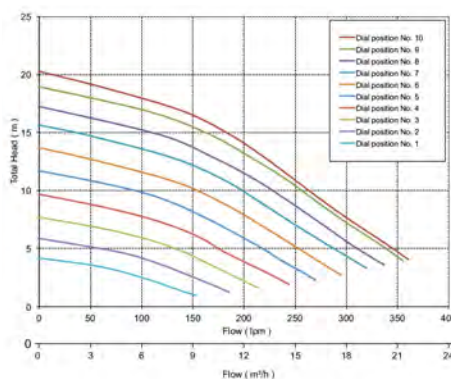
Part No.	Product Description
SP200BT	Silensor Pro VSD Bluetooth
SP400BT	Silensor Pro Premium VSD Bluetooth

Dimensions

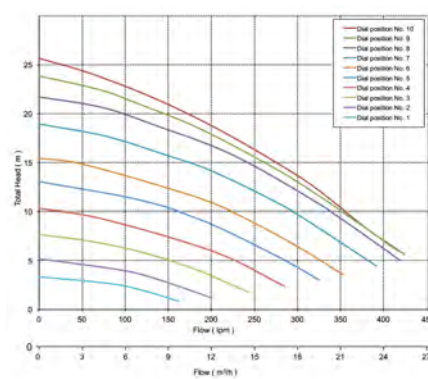
Model	A	B	C	D	E	F	G	H	I	Mounting Holes Dia	Inlet & Outlet	Net Weight
SP200BT	305	670	320	350	65	230	380	200	250	10	50/63	14 kg
SP400BT	305	670	320	350	65	230	380	200	250	10	50/63	14.5 kg



Flow Curves SP200BT



Flow Curves SP400BT



Electrical Data & Operating Limits

	SPT200	SPT400
Voltage (V)	220-240	220-240
Supply frequency (Hz)	50/60	50/60
Max input power (W/hp)	128W/0.17hp @ Dial 1 524W/0.7hp @ Dial 5 1,111W/1.48hp @ Dial 10 Backwash: varies	126W/0.17hp @ Dial 1 728W/0.97hp @ Dial 5 1,639W/2.19hp @ Dial 10 Backwash: varies
Motor speed (rpm)	1,500 to 3,600	1,050 to 3,100
Backwash (rpm)	Variable speed	Variable speed
Enclosure class (IP)	45	45
Insulation class	F	F
Power lead length	3m	3m
Approval No.	SGS-180275-EA	SGS-180275-EA
Max Water Temperature	40°C	40°C
Max Ambient Temperature	50°C	50°C
Noise Level (AS 5102.2)	50 dBa (at Speed 1)	50 dBa (at Speed 1)

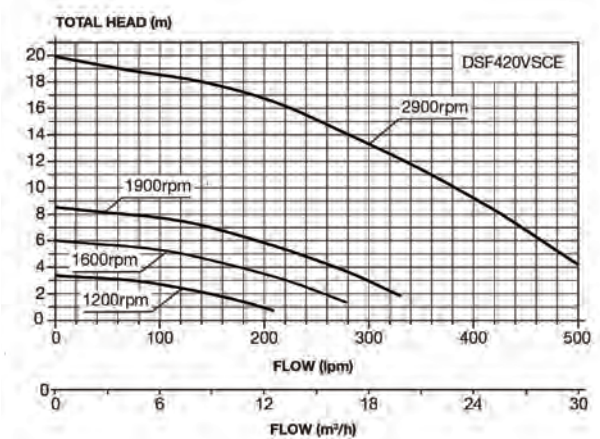
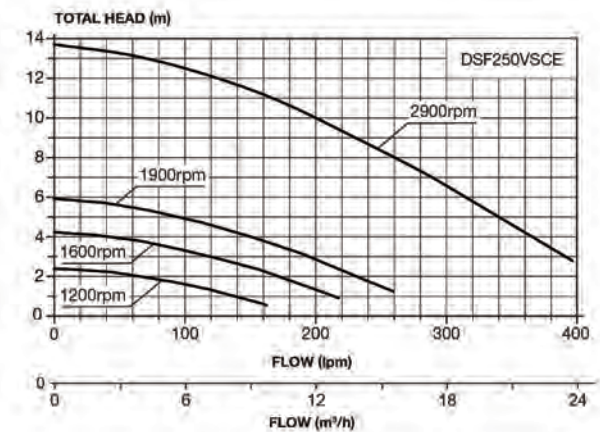
Pumps



DAVEY
StarFlo™ VS

STARFLO VS

Part No.	Product Description
DSF250VSCE	StarFlo VS 250 1.2hp pump
DSF420SCE	StarFlo VS 420 2.2hp pump



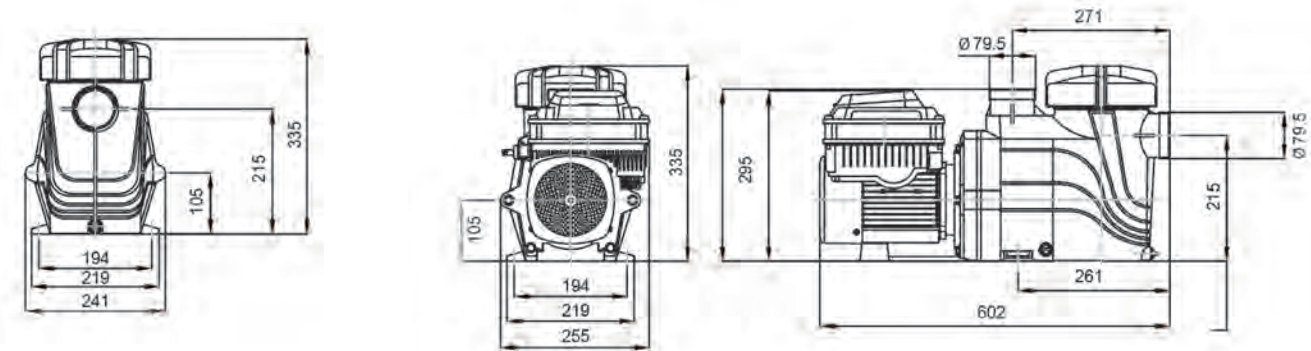
Features & Benefits

- **High quality** - Corrosion resistant Noryl impeller for longer lasting trouble free performance
- **Long Lasting** - High performance silicon carbide Viton mechanical seal for long life in pool water
- **High strength** - 316 stainless steel motor shaft
- **High performance** - Powerful pumping delivering optimum flow rates for rapid pool water turnover
- **Digital user interface and control panel**
- **Variable speed with four pre-set speeds and daily schedule that can be adjusted** - for easy set up and daily operation
- **Four programme modes** - to deliver tailored power cycles for varying conditions: Manual, Auto, Priming and Boost

In Boost (skimming) mode the pump is programmed to run at max speed for 5 mins, followed by 55 min at pre-set speed. This allows time for debris to be cleared on each cycle.

- **Adjustable max pump speed which will allow user to set max flow rate to suit pool and filter** - ideal for renovation
- Drain plugs enabling simple water drainage for easy maintenance

Electrical Data & Operating Limits		
	DSF250VSCE	DSF429VSCE
Voltage (VAC)	220-240	
Frequency (Hz)	50/60	
Run current (A)	5.0	6.7
Motor input power (kW/hp)	0.9 / 1.2	1.65 / 2.2
Motor output power (kW/hp)	0.65 / 0.87	1.3 / 1.7
Nominal speed (rpm)	450-2,900	
Enclosure claa (IP)	X5	
Insuylation class	F	
Max water temp (°C)	40	
Max ambient temp (°C)	50	
Max casing pressure (kPa)	350	





DAVEY StarFlo®

STARFLO

Part No.	Product Description
DSF150CE	StarFlo 1/2 hp - 550W
DSF200CE	StarFlo 3/4 hp - 750W
DSF250CE	StarFlo 1 hp - 870W
DSF300CE	StarFlo 1 hp - 1100W
DSF420CE	StarFlo 2 hp - 1650W
DSF3003FCE	StarFlo 1 hp - 1100W - 3 Phase
DSF4203FCE	StarFlo 2hp - 1650W - 3 Phase

TOUGH & VERSATILE

Ideal for in-ground and above ground pools, large swim spas and plunge pools. Also suitable for solar pool heating. Models to suit pools up to 110m³.

DESIGNED TO FILTER AND CIRCULATE POOL WATER

Reliable - Universal, multi-fit and versatile pump that suits multiple applications:

- Constructed of strong corrosion resistant and UV resistant materials for long and reliable working life
- Heavy duty, totally enclosed motor protects against the elements for long operating life
- Built-in, self resetting thermal overload protects the motor against damage from over-heating

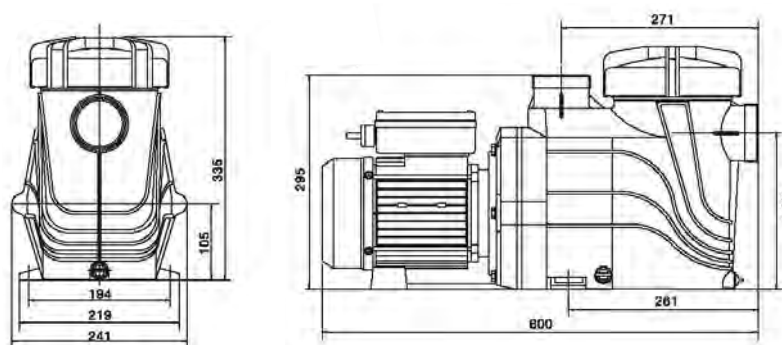
High Quality - Corrosion resistant, Noryl impeller for longer lasting trouble free performance

Long Lasting - High performance silicon carbide Viton mechanical seal for long life in pool water

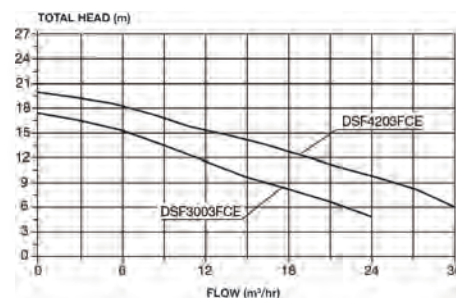
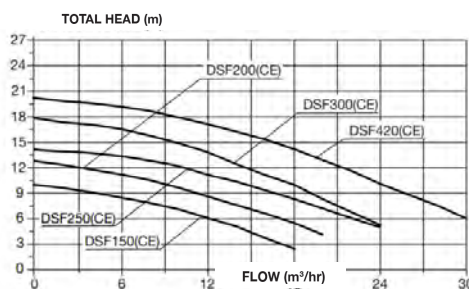
High Strength - 316 stainless steel motor shaft

High Performance - Powerful pumping delivering optimum flow rates for rapid pool water turnover

- Fully serviceable, allowing for easy maintenance and repair
- Drain plugs enabling simple water drainage for easy maintenance
- 3m power lead
- 2 year-warranty



Hydraulic Performance



Technical Specification

	Single Phase					Three Phase	
Model	DSF150CE	DSF200CE	DSF250CE	DSF300CE	DSF420CE	DSF3003FCE	DSF4203FCE
Voltage & Supply Frequency	220-240/50					400/50	
Run current (A)	2.6	3.7	3.8	5.8	8.3	2.0	3.2
Motor input power (W/hp)	550/0.75	750/1.0	870/1.2	1100/1.5	1650/2.2	1100/1.5	1650/2.2
Motor output power (W/hp)	370/0.5	550/0.75	570/0.78	750/1	1300/1.7	750/1	1300/1.7
Nominal speed (rpm)	2900					2900	
Enclosure class (IP)	55					55	
Insulation class	F					F	
Sound Level (dBa@1m)	60	61	62	62	65	65	66
Inlet PVC Dimension (mm)	50-63					50-63	
Outlet PVC Dimensions (mm)	50-63					50-63	
Net weight (kg)	12.4	13.6	14.6	15.5	17.6	14.3	16.5
Max water temperature	40°C					40°C	
Max ambient temperature	50°C					50°C	
Max casing pressure	350kPa					350kPa	

Commercial Pumps



Commercial Pumps



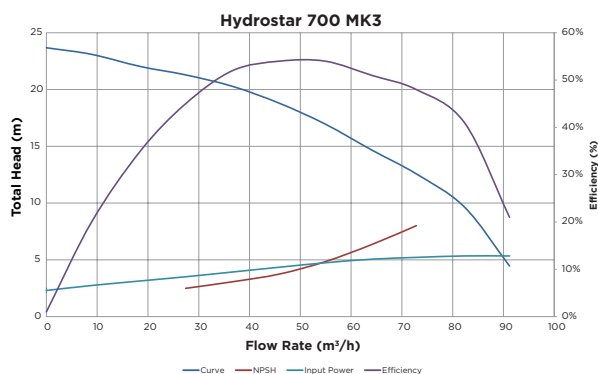
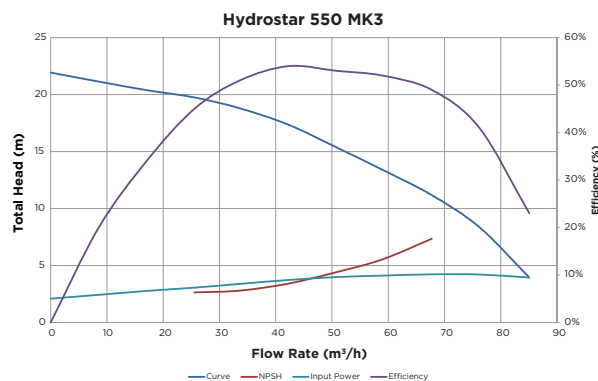
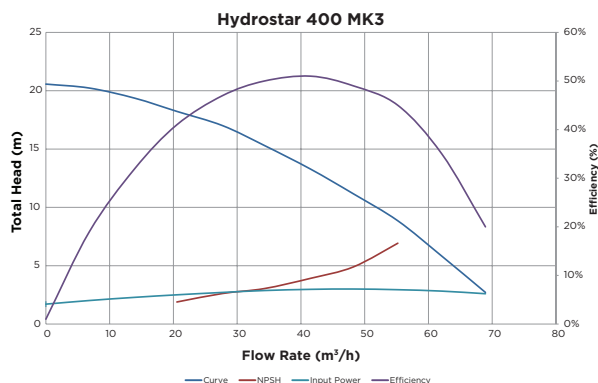
WATERCO HYDROSTAR MK3 PUMPS - HIGH HEAD, Three Phase

Part No.	Product Description	Q. Max	P. Max
3" port supplied with 3" imperial & 90mm Metric quick connect unions			
2404400339GEUM	Hydrostar 400 MK3 - suits WCVFD04*	68.9m³/hr	3.00kW
240455033GEUM	Hydrostar 550 MK3 - suits WCVFD04*	85.1m³/hr	4.22kW
240470033GEUM	Hydrostar 700 MK3 - suits WCVFD05*	91.2m³/hr	5.34kW

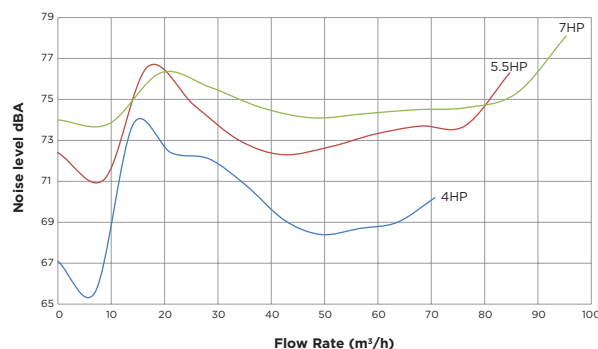
Silicon carbide seal required for salt water installations, pricing available on request.

*For more variable frequency drive (VFD) information, please visit page 76-77

Flow Curve



Noise Levels

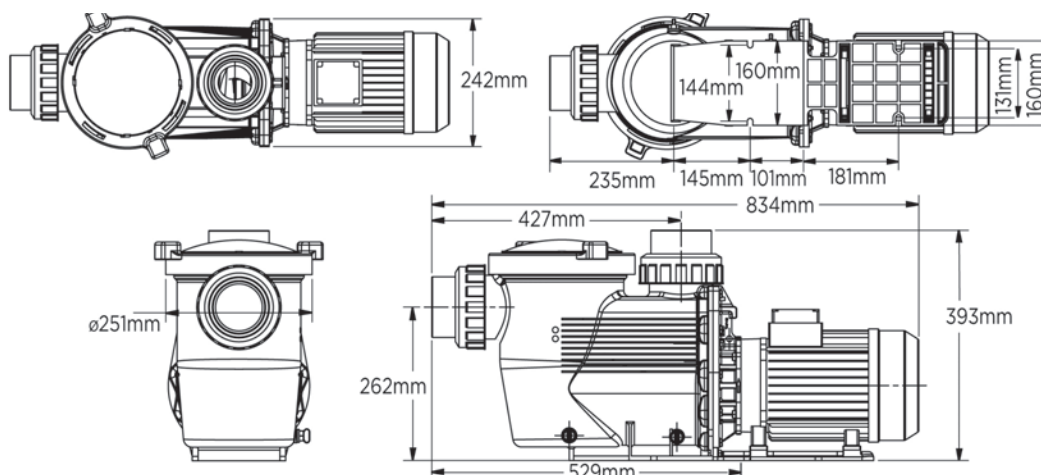


Technical Specification

The Hydrostar MKIII has been designed with an internal volute. The volute's hydraulic design provides a natural balanced water flow and reduces hydraulic turbulence

Model	Nom HP	Hmax (m)	Pmax (kW)	Qmax (m³/hr)	Amps / Phase	Total Length (mm)	Motor Frame
Hydrostar 400 MKIII	4.0	20.6	3.002	68.9	5.8	834	100
Hydrostar 550 MKIII	5.5	21.9	4.436	85.1	8.1	857	112
Hydrostar 700 MKIII	7.0	23.7	5.344	91.2	10.3	857	112

Phase	Volts	Cycle	RPM
3	380 - 415	50	2900



Commercial Pumps



WATERCO HYDROSTAR MK4 PUMPS - HIGH HEAD, Three Phase

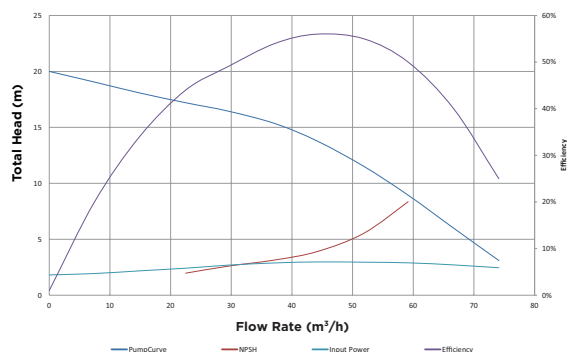
Part No.	Product Description	Q. Max	P. Max
24044003339GEUM	Hydrostar 400 MK4 - suits WCVFD04*	74.1m ³ /hr	2.97kW
2404550333GEUM	Hydrostar 550 MK4 - suits WCVFD04*	90.8m ³ /hr	4.26kW
2404700333GEUM	Hydrostar 700 MK4 - suits WCVFD05*	101.7m ³ /hr	5.39kW

Silicon carbide seal required for salt water installations, pricing available on request.

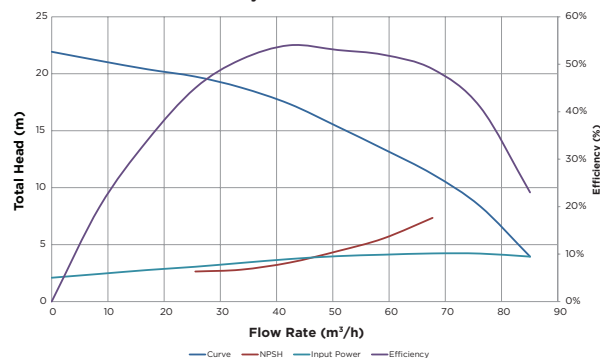
*For more variable frequency drive (VFD) information, please visit page 76-77

Flow Curve

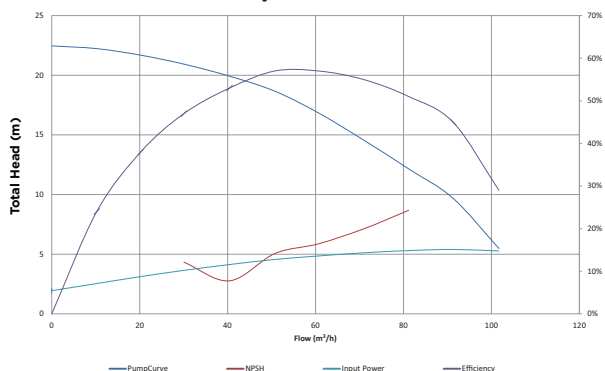
Hydrostar 400 MK4



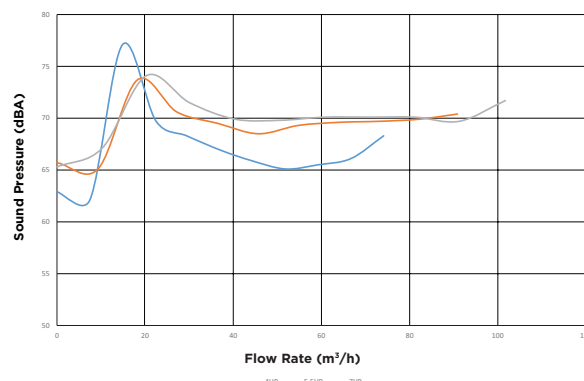
Hydrostar 550 MK4



Hydrostar 700 MK4



Noise Levels



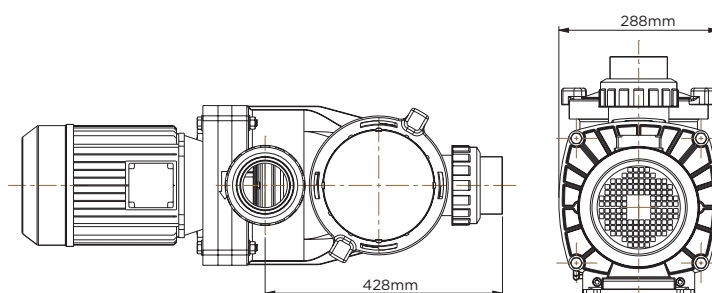
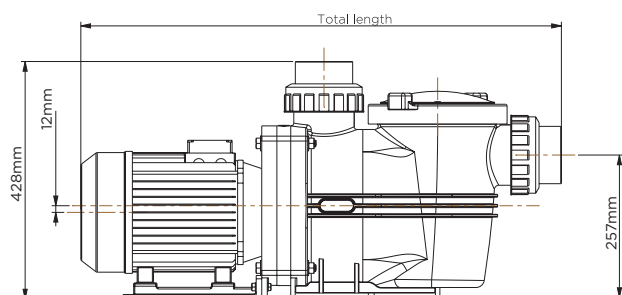
Technical Specification

Model	Nom HP	Hmax (m)	Pmax (kW)	Qmax (m ³ /hr)	Amps / Phase	Total Length (mm)	Motor Frame
Hydrostar MKIV 400	4.0	20.0	2.975	74.1	5.8	888	100
Hydrostar MKIV 550	5.5	21.7	4.264	90.8	8.1	908	112
Hydrostar MKIV 700	7.0	22.5	5.398	101.7	10.3	970	112

Phase	Volts	Cycle	RPM
3	380 - 415	50	2900

The Hydrostar MKIV has been designed to provide a substantially quieter operation with even higher flow rates and higher head than the previous Hydrostar models. Waterco has optimised the pump's hydraulic efficiency by reshaping its internal profile.

Also available in 60hz



Commercial Pumps



Also available in 60Hz

WATERCO HYDROSTAR PLUS 2940 RPM - W/STRAINER, Three Phase

Part No.	Product Description	Q. Max	P. Max
2460750GEUM	Hydrostar Plus 5.5kW / 7.5HP - suits WCVFD05*	122.40m ³ /hr	6.2kW
2461000GEUM	Hydrostar Plus 7.5kW / 10HP - suits WCVFD06*	152.40m ³ /hr	8.5kW
2461250GEUM	Hydrostar Plus 9.5kW/12.5HP - suits WCVFD07*	164.64m ³ /hr	9.9kW
2461500EUM	Hydrostar Plus 11kW / 15HP - suits WCVFD07*	164.64m ³ /hr	11kW

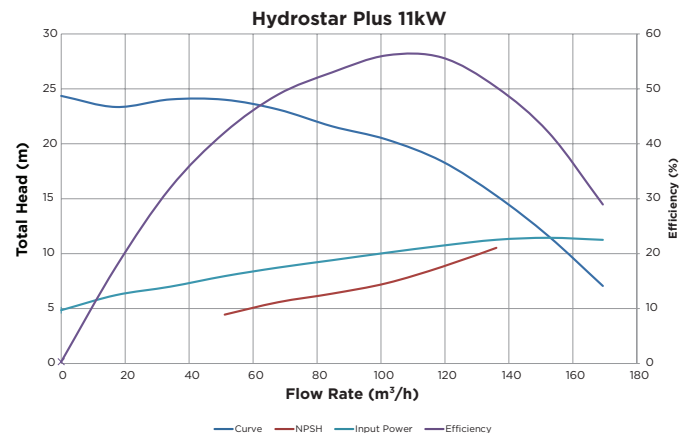
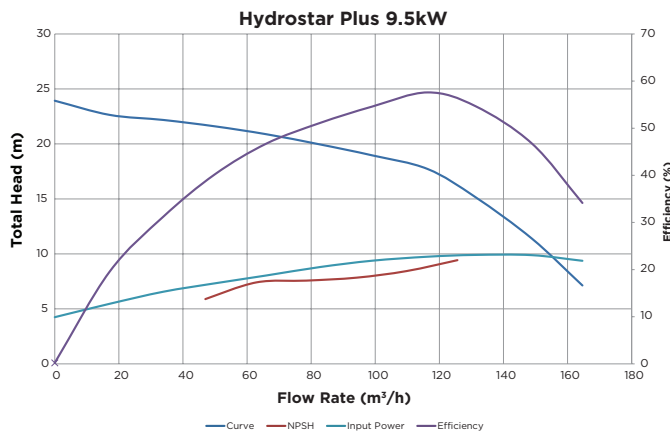
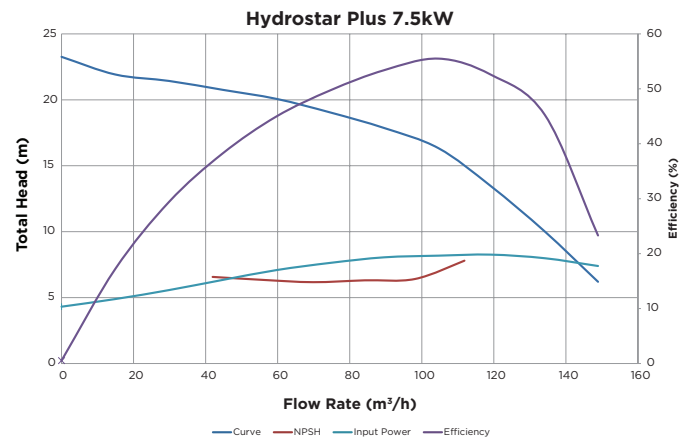
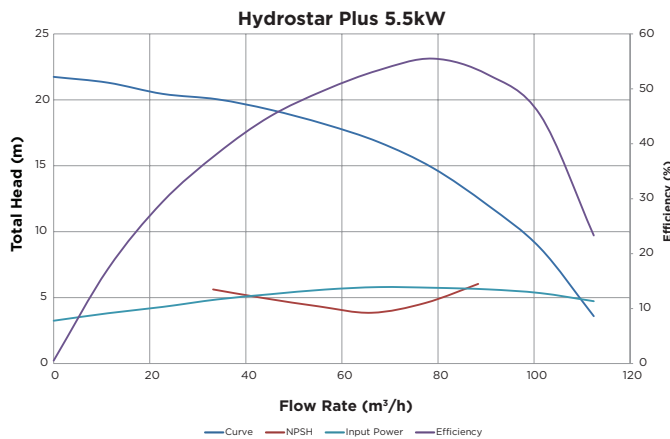
Flanges sold separately

Silicon carbide seal required for salt water installations, pricing available on request.

*For more variable frequency drive (VFD) information, please visit page 76-77

Purpose built for aquatic facilities, water parks and large commercial swimming pools. Hydrostar Plus pumps are high performance, corrosion resistant, thermoplastic pumps.

Flow Curve

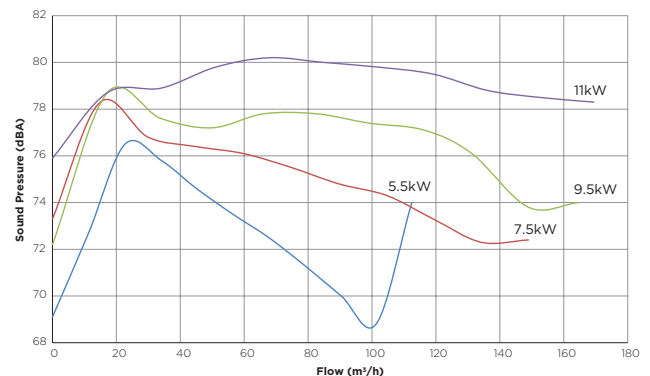


Technical Specification

Model	Nom. HP	kW	Pmax (kW)	Qmax (m ³ /hr)	Amps/Phase	Total Length (mm)	Motor Frame
5.5kW / 7.5HP	8.3	6.2	6.2	122.40	10.15	1188	132
7.5kW / 10HP	11.4	8.5	8.5	152.40	14.35	1188	132
9.5kW / 12.5HP	14.0	10.5	9.9	164.64	17.6	1218	132
11kW / 15HP	15.0	11.4	11.44	164.40	20.3	1218	132

Phase	Volts	Cycle	RPM
3	380 - 415	50	2940

Noise Level



Commercial Pumps



WATERCO HYDROSTAR PLUS 2940 RPM - W/O STRAINER, Three Phase

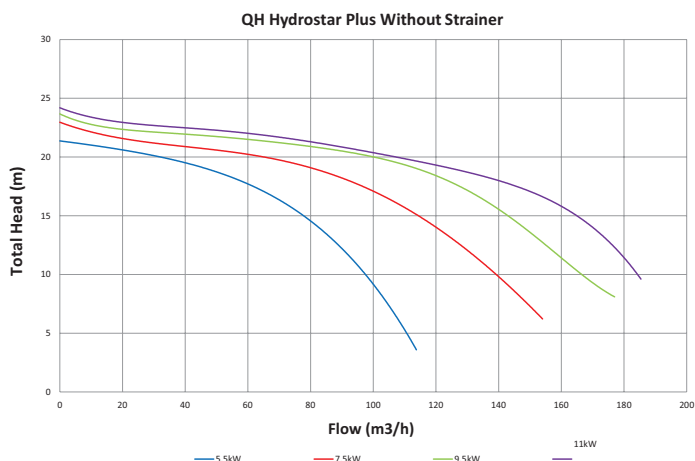
Part No.	Product Description	Q. Max	P. Max
2460751GEUM	Hydrostar Plus 5.5kW / 7.5hp - suits WCVFD05*	122.40m³/hr	6.2kW
2461001GEUM	Hydrostar Plus 7.5kW / 10hp - suits WCVFD06*	152.40m³/hr	8.5kW
2461251EUM	Hydrostar Plus 9.5kW / 12.5hp - suits WCVFD07*	164.64m³/hr	9.9kW
2461501EUM	Hydrostar Plus 11kW / 15hp - suits WCVFD07*	164.64m³/hr	11.442kW

Flanges sold separately.

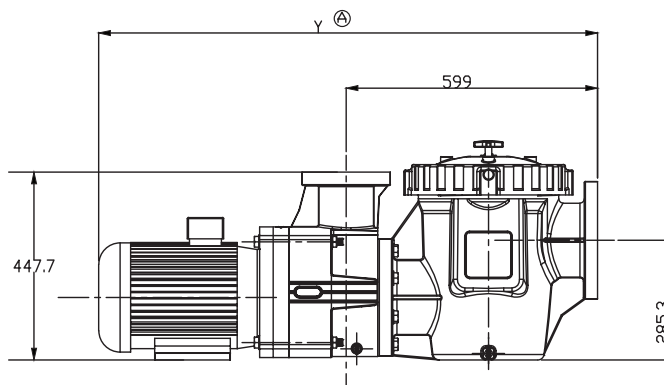
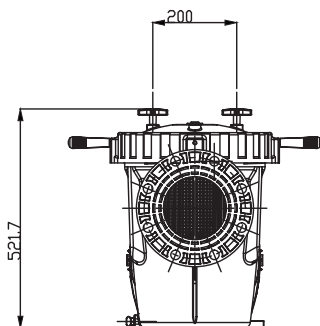
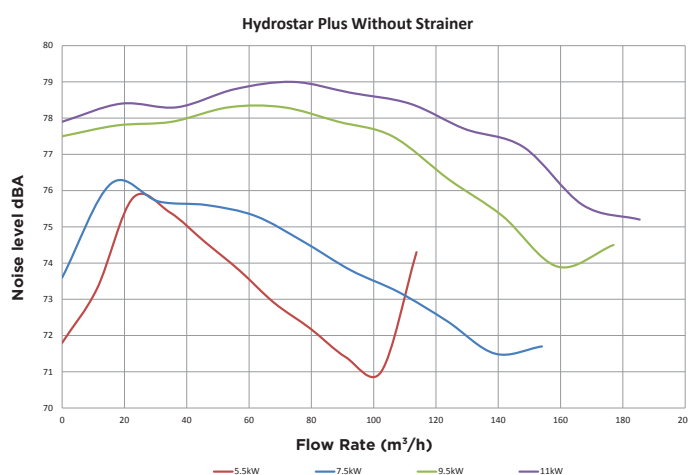
Silicon carbide seal required for salt water installations, pricing available on request.

*For more variable frequency drive (VFD) information, please visit page 76-77.

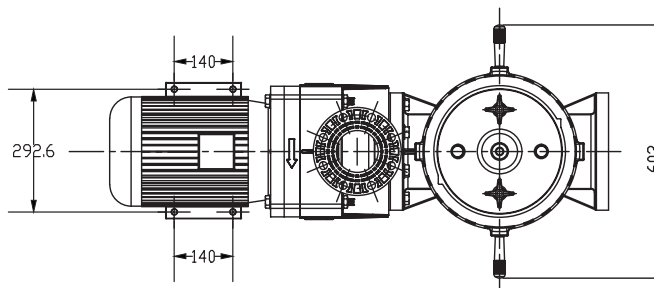
Flow Curve



Noise Curve



Motor (kW)	Total Length (mm)
5.5	1188
7.5	1188
9.5	1218
11	1218



WATERCO BH5000 FLANGE ASSEMBLY KITS

Part No.	Product Description	Nom Size
ZZGP600FK	6" Flange Assembly Kit - (Suction)	6"
ZZGP400FKAS	4" Flange Assembly Kit ANSI - (Discharge)	4"
ZZGP160FK	160mm Flange Assembly Kit - (Suction)	160mm
ZZGP110FKAS	110mm Flange Assembly Kit ANSI - (Discharge)	110mm

Note: Flange Assembly Kits Include:

1 x Backing Ring, 1 x Stub Flange, 1 x Stub Gasket, 8 x Bolts, 8 x Nuts and 16 x Washers

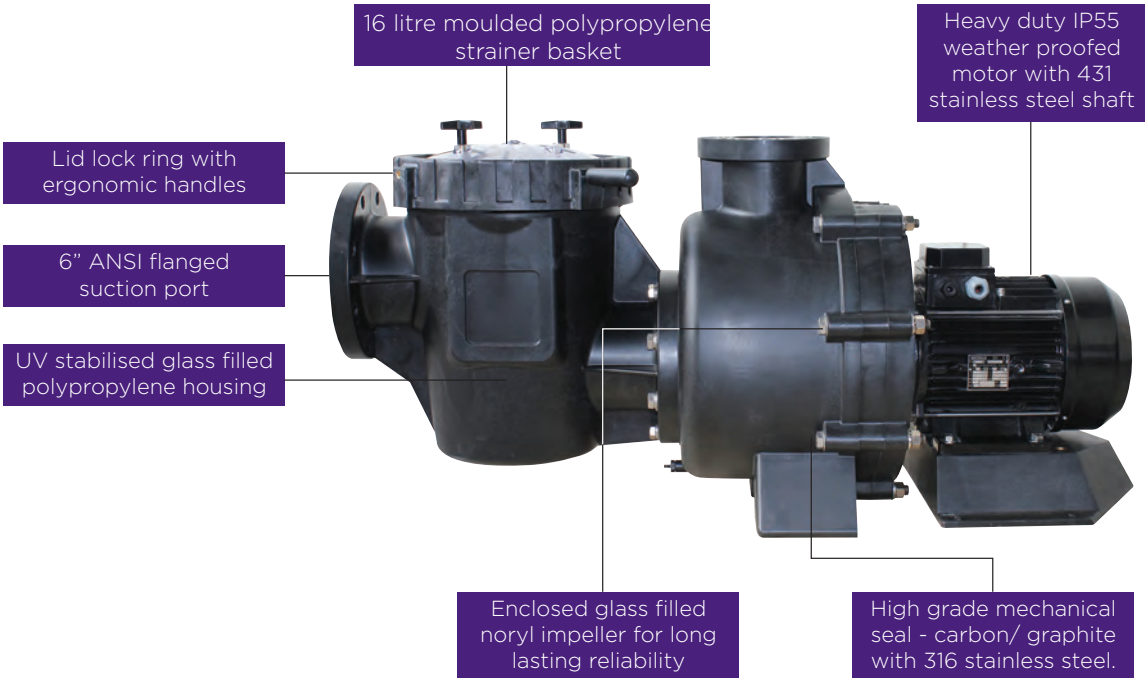
Commercial Pumps

The Hydrostar Plus 1450 rpm has been designed for maximum energy efficiency and optimal performance whilst maintaining super quiet operation.

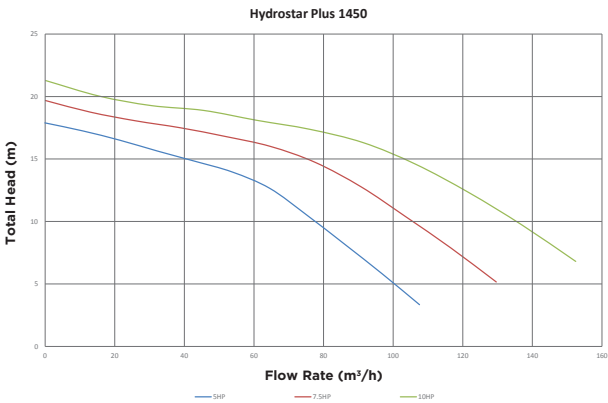
WATERCO HYDROSTAR PLUS 1450 RPM W/Stainer, Three Phase

Part No.	Product Description	Q. Max	P. Max
2470500EUM	Hydrostar Plus 3.7 kW / 5.0hP	122.40m³/hr	6.2kW
2470750EUM	Hydrostar Plus 5.5kW / 7.5hP	152.40m³/hr	8.5kW
2471000EUM	Hydrostar Plus 7.5kW / 10hP	164.64m³/hr	9.9kW

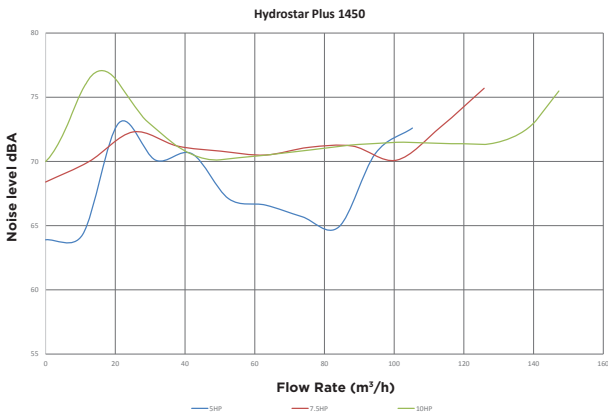
Flanges sold separately
Silicon carbide seal required for salt water installations, pricing available on request.



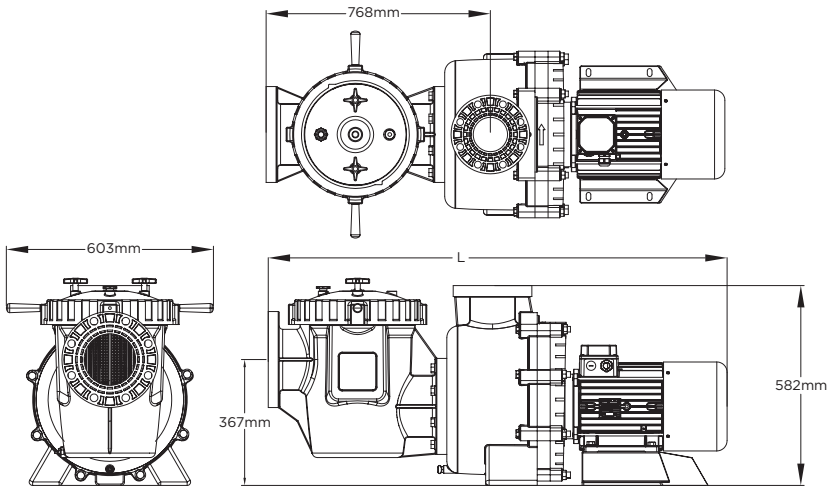
Flow Curve



Noise Curve



Motor (kW)	Total Length (mm)
3.7	1236
5.5	1274
7.5	1340



Commercial Pumps



WATERCO HYDROSTAR PLUS 1450 RPM W/O Strainer, Three Phase

Part No.	Product Description	Q. Max	P. Max
2470501EUM	Hydrostar Plus 3.7 kW / 5.0hp	122.40m ³ /hr	6.2kW
2470751EUM	Hydrostar Plus 5.5kW / 7.5hp	152.40m ³ /hr	8.5kW
2471001EUM	Hydrostar Plus 7.5kW / 10hp	164.64m ³ /hr	9.9kW

Flanges sold separately

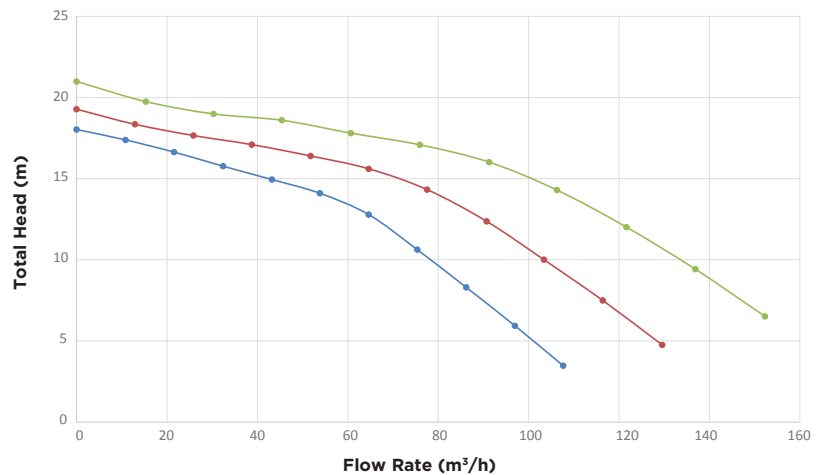
Silicon carbide seal required for salt water installations, pricing available on request.

For flange kits see page 67

Flow Curve

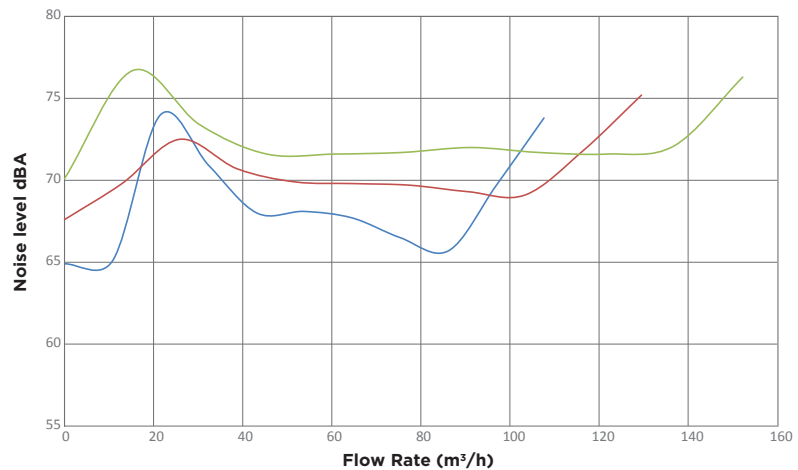
Hydrostar Plus 1450 without strainer

- 5HP Without Strainer
- 7.5HP Without Strainer
- 10HP Without Strainer



Noise Curve

Hydrostar Plus 1450 without strainer



Specifications - Hydrostar Plus 1450 Pump With Strainer, Standard Seal

Model	Input kW	Power HP	Amps	Qmax (m³/h)	Hmax (m)	Hmin (m)	Weight (kg)	Total Length (mm)	Motor Input Power (kW)	Motor I _{max} (Amp)
2470500	4.155	5.57	8.7	105.2	17.92	3.35	89	1236	4.186	8.7
2470750	5.749	7.70	11.8	125.8	19.09	4.49	96	1274	6.138	11.8
2471000	7.763	10.40	16.3	147.2	20.65	6.05	12	1340	8.296	16.1

Specifications - Hydrostar Plus 1450 Pump Without Strainer, Standard Seal

Model	Input kW	Power HP	Amps	Qmax (m³/h)	Hmax (m)	Hmin (m)	Weight (kg)	Total Length (mm)	Motor Input Power (kW)	Motor I _{max} (Amp)
2470501	4.150	5.56	8.8	107.6	18.03	3.48	73	729	4.186	8.7
2470751	5.645	7.56	11.6	129.5	19.28	4.76	80	767	6.138	11.8
2471001	7.857	10.53	16.3	152.3	20.99	6.52	96	833	8.296	16.1

Phase	Volts	Cycle	RPM
3	380 - 415	50	1450

Waterco Pumps Specifications

Waterco Pump Specifications

Pump Model	Self Priming	Motor Rating	Max Water	Mechanical Seal
Aquamite	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Supastream	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Lacronite	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Supatuf	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Hydrostorm	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Hydrostorm Plus	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Turboflo	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Hydrostar Mk 3	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Hydrostar Mk 4	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Hydrostar Plus 2940	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)
Hydrostar Plus 1450	Yes	IPX5 Class F	40 °C	Alumina Ceramic/SS316/Carbon (Silicon carbide optional for sea water)

Waterco Pump Material Specifications

Pump Model	Body	Impeller	Shaft	Strainer Basket	Strainer Lid
Aquamite	Glass filled thermoplastic	GF Noryl	303/431	Polypropylene	Polycarbonate
Supastream	Glass filled thermoplastic	GF Noryl	303/431	Polypropylene	Polycarbonate
Lacronite	Glass filled thermoplastic	GF Noryl	303/431	Polypropylene	Polycarbonate
Supatuf	Glass filled thermoplastic	GF Noryl	303/431	Polypropylene	Polycarbonate
Hydrostorm	Glass filled thermoplastic	GF Noryl	303/431	Polypropylene	Polycarbonate
Hydrostorm Plus	Glass filled thermoplastic	GF Noryl	303/431	Polypropylene	Polycarbonate
Turboflo	Glass filled thermoplastic	GF Noryl	303/431	Polypropylene	Polycarbonate
Hydrostar Mk 3	Glass filled thermoplastic	GF Noryl	431	Polypropylene	Polycarbonate
Hydrostar Mk 4	Glass filled thermoplastic	GF Noryl	431	Polypropylene	Polycarbonate
Hydrostar Plus 2940	Glass filled thermoplastic	GF Noryl	431	Polypropylene	Polycarbonate
Hydrostar Plus 1450	Glass filled thermoplastic	GF Noryl	431	Polypropylene	Polycarbonate



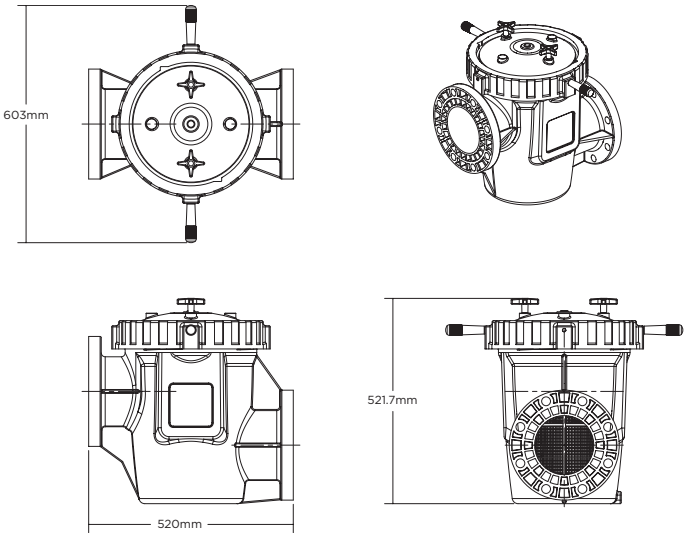
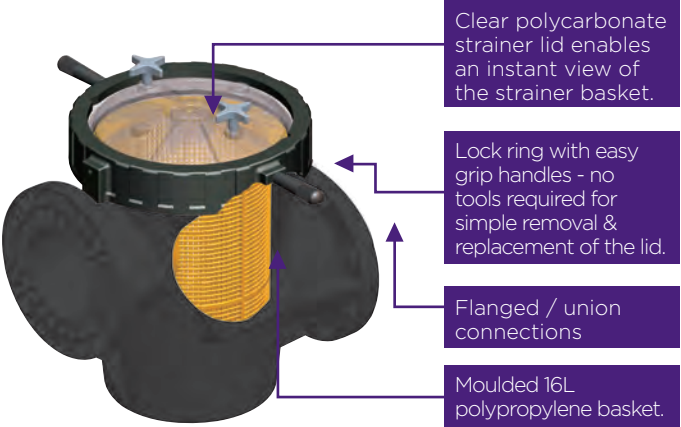
Commercial Strainers



HYDRO COMMERCIAL STRAINER

Part No.	Product Description	Inlet / Outlet
2409058	Hydro Commercial Strainer - Flanged	6" / 6"
2409057	Hydro Commercial Strainer - Flanged	4" / 6"
2408054	Hydro Commercial Strainer - Quick-connect inlet / flanged outlet	4" / 4" (110mm)

Flanges sold separately



HYDRO COMMERCIAL STRAINER FLANGE ASSEMBLY KITS

Part No.	Product Description	Nom. Size
ZZGP600FK	6" Flange Assembly Kit	6"
ZZGP400FK	4" Flange Assembly Kit	4"
ZZGP160FK	160mm Flange Assembly Kit	160mm
ZZGP110FK	110mm Flange Assembly Kit	110mm

Note: Flange Assembly Kits Include:
1 x Backing Ring, 1 x Stub Flange, 1 x Stub Gasket, 8 x Bolts, 8 x Nuts and 16 x Washers



MOUNTED SIGHT GLASS

Part No.	Product Description	Nom. Size
SPXSG300	Mounted sight glass	3"
SPXSG400	Mounted sight glass	4"
SPXSG600	Mounted sight glass	6"
SPXSG90	Mounted sight glass	90mm
SPXSG110	Mounted sight glass	110mm
SPXSG160	Mounted sight glass	160mm

Variable Frequency Drives



Manufactured in the UK, the Waterco Variable Frequency Drive (VFD) range has been specifically designed to deliver exceptional performance, reliability, ease of use, whilst reducing electrical consumption.

The range has been designed with cost and practicality in mind, adding value to our customers.

VFD's are for 3 phase supply and 3 phase pump models. Single phase supply models are available, please ask for details.

WATERCO VARIABLE FREQUENCY DRIVE

Part No. Product Description

WCVFD01 0.75kW (1 HP) Model

WCVFD01 - 0.75kW (1 HP) Model - Compatible with
Supastream 050 24030503EUM
Supastream 075 24030753EUM

Supatuf MK2 050 24105003EUM
Supatuf MK2 075 24107503EUM

Specification For WCVFD01

Model	Supply Voltage	Input Phase	Supply Current Cont	Supply Fuse or MCB (TypeB)	Max Supply / Motor Cable	Max Motor Cable Length	Motor Output Rating	Output Voltage	Output Current	Height	Width	Depth	Weight
WCVFD01	380-480V	3	3.5A	6A	8mm ² (0.01 sq in)	100m (328ft)	0.75kW (1HP)	0 -Supply Voltage	2.2A	232mm 9.13"	232mm 9.13"	162mm 6.38"	2.3kg 5.07lbs

WATERCO VARIABLE FREQUENCY DRIVE

Part No. Product Description

WCVFD02 1.5kW (2 HP) Model

WCVFD02 - 1.5kW (2 HP) Model - Compatible with
Supastream 100 24031003E3EUM
Supastream 150 24031503E3EUM
Supatuf MK2 100 241100023E3EUM
Supatuf MK2 150 241150023E3EUM
Supatuf MK2 200 24120003E3EUM

Hydrostorm 100 2441003EUM
Hydrostorm 150 2441503EUM
Hydrostorm 200 2442003EUM
Hydrostorm Plus 150 24051503E3EUM
Hydrostorm Plus 200 24052003E3EUM

Specification For WCVFD02

Model	Supply Voltage	Input Phase	Supply Current Cont	Supply Fuse or MCB (TypeB)	Max Supply / Motor Cable	Max Motor Cable Length	Motor Output Rating	Output Voltage	Output Current	Height	Width	Depth	Weight
WCVFD02	380-480V	3	5.6A	10A	8mm ² (0.01 sq in)	100m (328ft)	1.5kW (2 HP)	0 -Supply Voltage	4.1A	232mm 9.13"	232mm 9.13"	162mm 6.38"	2.3kg 5.07lbs

WATERCO VARIABLE FREQUENCY DRIVE

Part No. Product Description

WCVFD03 2.2kW (3 HP) Model

WCVFD03 - 2.2kW (3 HP) Model - Compatible with
Supatuf MK2 300 24130003E3EUM
Hydrostorm Plus 300 24053003E3EUM

Hydrostorm 300 2443003EUM

Specification For WCVFD03

Model	Supply Voltage	Input Phase	Supply Current Cont	Supply Fuse or MCB (TypeB)	Max Supply / Motor Cable	Max Motor Cable Length	Motor Output Rating	Output Voltage	Output Current	Height	Width	Depth	Weight
WCVFD03	380-480V	3	7.5A	16A	8mm ² (0.01 sq in)	100m (328ft)	2.2kW (3HP)	0 -Supply Voltage	5.8A	258mm 10.12"	188mm 7.4"	186mm 7.32"	3.5kg 7.72lbs

Variable Frequency Drives

WATERCO VARIABLE FREQUENCY DRIVE

Part No. Product Description

WCVFD04 4kW (5 HP) Model

WCVFD04 - 4kW (5 HP) Model - Compatible with
Hydrostorm Plus 400 240540033EUM
Hydrostar 550 MKIII 240455033EUM
Hydrostar 550 MKIV 240455033EUM

Hydrostar 400 MKIII 240440033EUM
Hydrostar 400 MKIV 240440033EUM

Specification For WCVFD04

Model	Supply Voltage	Input Phase	Supply Current Cont	Supply Fuse or MCB (TypeB)	Max Supply / Motor Cable	Max Motor Cable Length	Motor Output Rating	Output Voltage	Output Current	Height	Width	Depth	Weight
WCVFD04	380-480V	3	11.5A	16A	8mm ² (0.01 sq in)	100m (328ft)	4kW (2 HP)	0 -Supply Voltage	9.5A	257mm 10.12"	188mm 7.4"	182mm 7.17"	3.5kg 7.72lbs

WATERCO VARIABLE FREQUENCY DRIVE

Part No. Product Description

WCVFD05 5.5kW (7.5 HP) Model

WCVFD05 - 5.5kW (7.5 HP) Model - Compatible with
Hydrostar 700 MKIII 240470033EUM
Hydrostar Plus 7.5kW 2461000EUM

Hydrostar 700 MKIV 240470033EUM

Specification For WCVFD05

Model	Supply Voltage	Input Phase	Supply Current Cont	Supply Fuse or MCB (TypeB)	Max Supply / Motor Cable	Max Motor Cable Length	Motor Output Rating	Output Voltage	Output Current	Height	Width	Depth	Weight
WCVFD05	380-480V	3	17.2A	125A	8mm ² (0.01 sq in)	100m (328ft)	5.5kW (7.5HP)	0 -Supply Voltage	14A	310mm 12.2"	211mm 8.31"	235mm 9.25"	6.6kg 14.55lbs

WATERCO VARIABLE FREQUENCY DRIVE

Part No. Product Description

WCVFD06 7.5kW (10 HP) Model

WCVFD06 - 7.5kW (10 HP) Model - Compatible with Hydrostar Plus 7.5kW 2461000EUM

Specification For WCVFD06

Model	Supply Voltage	Input Phase	Supply Current Cont	Supply Fuse or MCB (TypeB)	Max Supply / Motor Cable	Max Motor Cable Length	Motor Output Rating	Output Voltage	Output Current	Height	Width	Depth	Weight
WCVFD06	380-480V	3	21.2A	32A	8mm ² (0.01 sq in)	100m (328ft)	7.5kW (10 HP)	0 -Supply Voltage	18A	310mm 12.2"	211mm 8.31"	235mm 9.25"	6.6kg 14.55lbs

WATERCO VARIABLE FREQUENCY DRIVE

Part No. Product Description

WCVFD07 11kW (15 HP) Model

WCVFD07 - 11kW (15 HP) Model - Compatible with
Hydrostar Plus 9.5kW 2461250EUM

Hydrostar Plus 10kW 2461500EUM

Specification For WCVFD07

Model	Supply Voltage	Input Phase	Supply Current Cont	Supply Fuse or MCB (TypeB)	Max Supply / Motor Cable	Max Motor Cable Length	Motor Output Rating	Output Voltage	Output Current	Height	Width	Depth	Weight
WCVFD07	380-480V	3	27.5A	40A	8mm ² (0.01 sq in)	100m (328ft)	11kW (15 HP)	0 -Supply Voltage	24A	310mm 12.2"	211mm 8.31"	235mm 9.25"	6.6kg 14.55lbs

How does a VFD work?

In simple terms Variable Frequency Drives work by reducing the speed the impeller spins. The pump affinity laws then explain how this benefits the pool owner / operator.

Affinity law 1

The flow rate is directly proportional to the change in the speed the impeller spins. For example: a 10% reduction in the speed of the impeller spinning, will result in a 10% reduction in flow.

Affinity Law 2

The pressure change is proportional to the change in the speed the impeller spins squared. For example: a 10% reduction in the speed of the impeller spinning will result in a 19% reduction in pressure.

Affinity Law 3

The power consumption change is proportional to the change in the speed the impeller spins cubed. For example: a 10% reduction in the speed of the impeller spinning will result in a 27% reduction in power consumption.

W MICRON COMMERCIAL FIBREGLASS

Proven Strength and Durability



10
YEAR
★
WARRANTY



- Guaranteed PFAS free
- AS / NZS 4020 certified for use in contact with drinking water
- Heavy Duty Air Scour lateral underdrain option now available
- Vertical and horizontal configurations
- Suitable for seawater applications
- Hydraulically balanced laterals
- Pressure rated to 10 Bar
- Optional patented Nozzle Plate system
- Optional sight glasses and lateral manholes in various sizes
- Optional vinyl ester tanks
- Bed depths from 1m up to 1.6m
- 10 year tank warranty

Maintenance Equipment



WATERCO
water, the liquid of life

Multicyclone Ultra Vac Portable Filtration Cart



The Multicyclone Ultra Vac portable filtration cart is a versatile filtration solution for every service need. It gives you the ability to vacuum your swimming pool, water feature, pond or fountain with a portable pump and filter - without losing valuable water.

- Award winning Multicyclone technology
- Integrated pleated filter cartridge
- Extended filter cleaning cycles and increased filter cartridge life span
- Supastream self-priming pump
- Powder-coated structural steel trolley with large wheels for easy manoeuvrability
- Built in safety protection

Maintenance Equipment

Dual stage filtration

Sturdy cart construction

Constructed from strong structural steel and powder coated for protection, capable of lasting many years.

User-friendly design

Large wheels make it easy to navigate steps and uneven terrain such as gravel and a built-in shelf enables easy access to test kits for service technicians.

The vacuum hose is easily fitted to the quick connect hose adaptors.

Protective foot pads

Protective foot pads, ensure you don't damage pool surrounds and paving.

Self-priming pump

Supastream self-priming energy efficient pump equipped with Waterco's innovative secondary seal for extra motor protection.

Safety protection

The Ultra Vac comes standard with a 10m power cord while an RCD (residual current device) and isolator provides peace of mind safety protection.

Pleated filter cartridge

Its pleated filter cartridge is constructed from heavy duty polyester filter fabric with deep pleats for long service life.



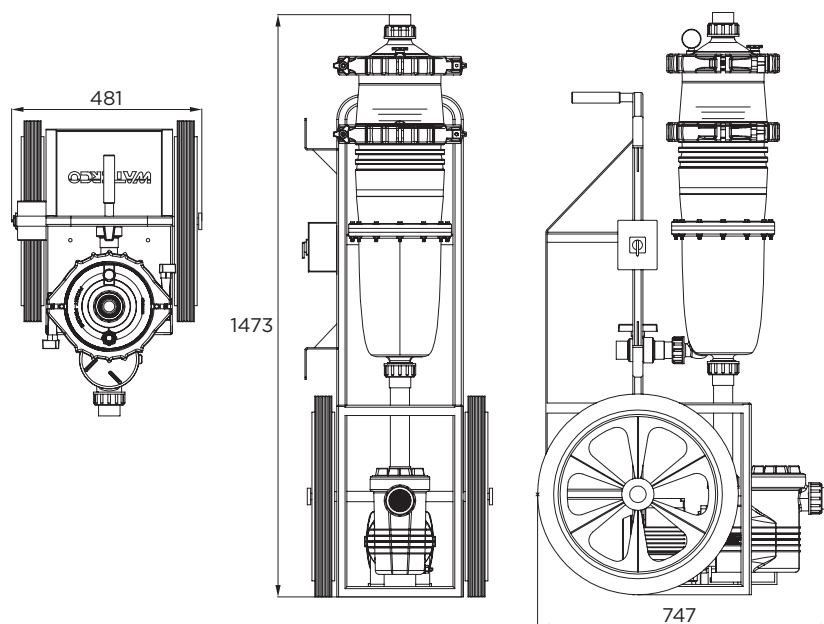
This Portable Filtration Cart features the award-winning MultiCyclone, which removes up to 80 per cent of the incoming dirt load before it reaches the cartridge filter. It means you can vacuum for up to 5 times longer when compared to similar portable vac systems.

Simple maintenance

The MultiCyclone is easily cleaned by opening its purge valve. Only 15 litres of water is discharged to cleanse the MultiCyclone.



Dimensions (mm)



Note: Standard Ultravac comes with a 0.5Hp Supastream pump and Multicyclone Plus MC12 (40ft² cartridge). Other combinations available upon request. Vacuum hose is not supplied.

Maintenance Equipment



ULTRAVAC PORTABLE FILTRATION CART - MULTICYCLONE

Part No.	Product Description	Inlet / Outlet
200400UK	Ultra Vac Portable Filter Cart - Multicyclone (UK 3 pin plug)	1½"/50mm
200400EU	Ultra Vac Portable Filter Cart - Multicyclone (EU 2 pin plug)	1½"/50mm

For replacement 40sqft cartridge please see p.18 spares catalogue

The Ultravac Filtration Cart includes the following:

- 1 x MultiCyclone Plus MC12 filtration system, complete with 40sqft. cartridge element
- 1 x Supastream 0.50HP self priming pump
- 2 x 1½" Hose tail adaptors
- 1 x Trolley unit
- 1 x 10m Power cord, isolator and RCD with plug
- 1 x Pump to filter plumbing kit
- 1 x Rotary isolator switch

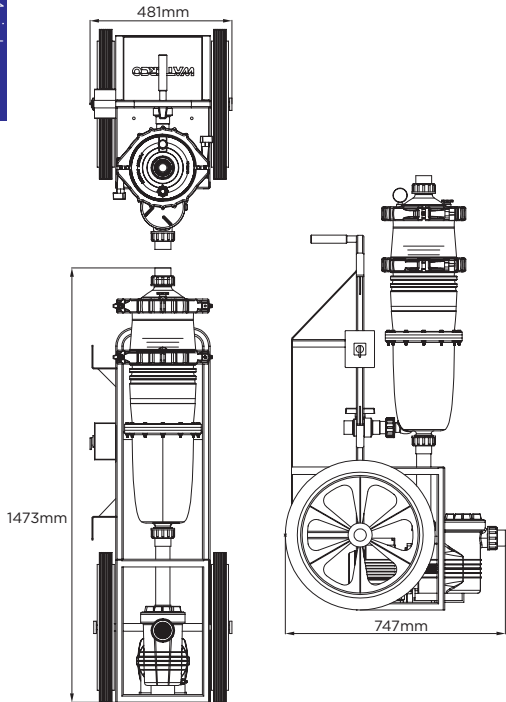
Filtration Mode

By recirculating the water through the MultiCyclone Plus you can remove debris being vacuumed out of the pool or water feature without losing water. The cart is constructed from strong structural steel and powder coated for protection. The UltraVac is designed to last many years even in the most demanding of environments.

Maintenance

The cartridge element in the filter housing is made from high strength polyester backed up with a sturdy plastic core for ultimate strength and durability. The MultiCyclone sediment bowl is simply cleaned by the opening of the purge valve.

Other combinations and personalised branding can be manufactured to order upon request - P.O.A.



Maintenance Equipment



ULTRAVAC PORTABLE FILTRATION CART - LEAF TRAPPER

Part No.	Product Description	Inlet / Outlet
3264000UK	Ultra Vac Portable Filter Cart - Leaf Trapper (UK 3 pin plug)	1½"/50mm
3264000EU	Ultra Vac Portable Filter Cart - Leaf Trapper (EU 2 pin plug)	1½"/50mm

The Ultravac Filtration Cart includes the following:

- 1 x Trimline Leaf Trapper
- 1 x Supastream 0.50HP self priming pump
- 2 x 1½" Hose tail adaptors
- 1 x Trolley unit
- 1 x 10m Power cord, isolator and RCD with plug
- 1 x Pump to filter plumbing kit
- 1 x Rotary isolator switch

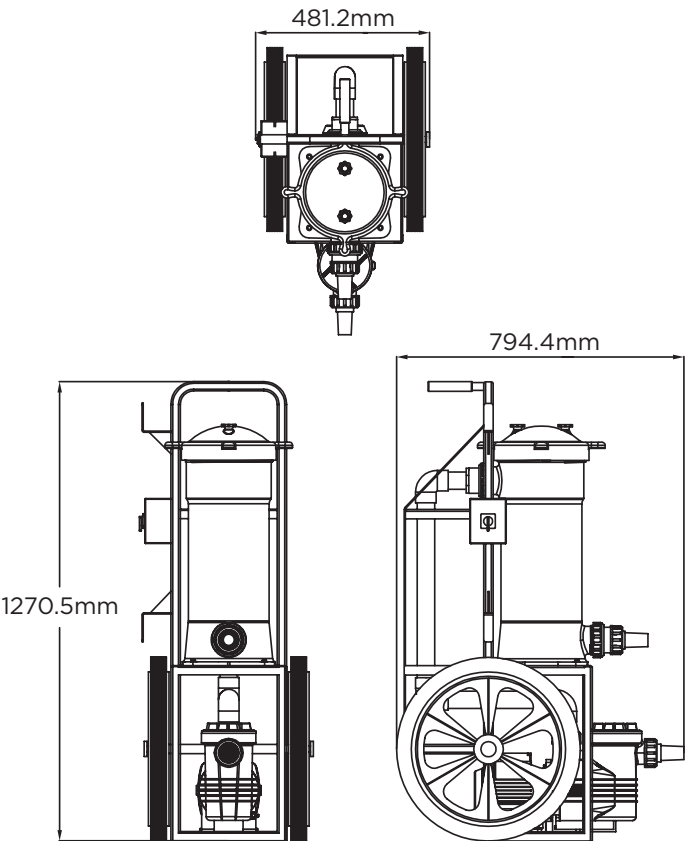
Filtration Mode

By recirculating the water through the Leaf Trapper you can remove debris being vacuumed out of the pool or water feature without losing water. The cart is constructed from strong structural steel and powder coated for protection. The UltraVac is designed to last many years even in the most demanding of environments.

Maintenance

The 800 micron filtration bag in the filter housing is made from high strength, durable nylon for ultimate strength and durability. The bag is simply cleaned by opening the easy access lid and removing the filter bag for either washing or replacement.

Other combinations and personalised branding can be manufactured to order upon request - P.O.A.



pro POOL CARE

POOL CARE TOOLS

Part No.	Product Description	Box Qty
3130540	Brush Vacuum Head PRO Series	12
313130	Flexible Vacuum Head PRO Series	12
3132321	Leaf Rake PRO Series	12
313290	Pool Broom PRO Series	12
313080	Algae Brush PRO Series	12
3131521	Leaf Skimmer PRO Series	12
31387	Telescopic Handle 8' - 16' PRO Series	12

All items supplied in 100% recycled & recyclable packaging



Brush Vacuum Head PRO Series

Cleaning leaves and debris off the pool floor is easy with this streamlined design that manoeuvres freely, dislodging particles from tight areas and hard-to-reach places.

- Suitable for all pools



Flexible Vacuum Head PRO Series

Weighted for optimum hydraulic balance and manufactured from flexible ethylene-vinyl acetate (EVA) materials, this hard-wearing vacuum head makes it easier to clean curved corners, ridges, crevices and steps.

- Suitable for all pools



Leaf Rake PRO Series

Ideal for picking up dirt and debris from the surface and the floor of the pool. The rake's leading-edge lifts debris up and then flicks it into the net.

- Suitable for all pools
- Can also be used to clean surface debris from water features and ponds



Maintenance Equipment



Pool Broom PRO Series

Designed for dislodging algae and dirt from pool walls, the broom's curved ends and long-life nylon bristles make it easier to clean pool curves and corners.

- Suitable for all pools



Algae Brush PRO Series

Sturdy nylon bristles break open the hard membranes of stubborn "Black Spot" algae, which needs to be broken for algaecides to work.

- Suitable for all hard pool surfaces
- Not recommended for vinyl, fiberglass or painted pool surfaces



Pro Series Leaf Skimmer

Ideal for removing leaves and other floating debris from the water surface of the pool.

- Suitable for all pools



Maintenance Equipment



Introducing the first broom specially designed for fibreglass, tiled and vinyl lined pools.

Aqua Fingers® features a high-density microfibre attachment that makes cleaning smooth surface pools easier and quicker.

Simply click and clean for a sparkling pool.

Ideal for pool covers



MULTI-PURPOSE MICROFIBRE BROOM

Part No.	Product Description	Box Qty
313300	Aqua Fingers® complete	12
31331	Aqua Fingers® microfibre cover spare	12



Patented Aqua Fingers® makes cleaning fibreglass, tiled and vinyl lined swimming pools easier and quicker as more surface area is covered by its high-density microfibre chenille attachment, it has a flexible body and curved underbelly. This ensures no nooks or crannies are missed.

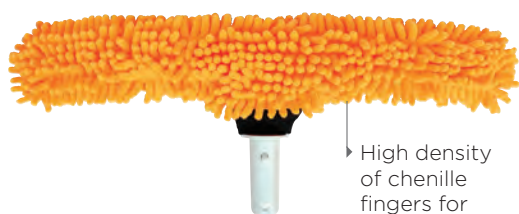
All it takes is a quick sweep to clean curved corners, ridges, crevices and steps on smooth pool surfaces

thanks to a flexible design that manoeuvres around tight spots and awkward areas.

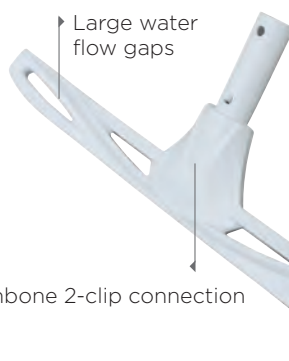
- Premium microfibre chenille attachment is gentle on smooth surfaces
- Flexible head easily dislodges particles from tight areas
- Ideal for cleaning fibreglass, tiled and vinyl lined pools and ponds
- Suitable for cleaning pool covers and glass fences
- Replacement chenille attachment available



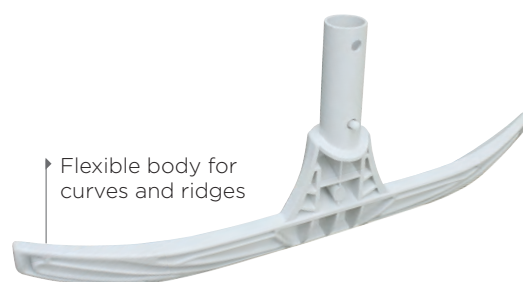
Large surface area for effective cleaning



High density of chenille fingers for enhanced performance



Large water flow gaps



Flexible body for curves and ridges

Curved underbelly to allow more angles of operation

*Please note: 2 year warranty applies to broom head only.

Wishbone 2-clip connection

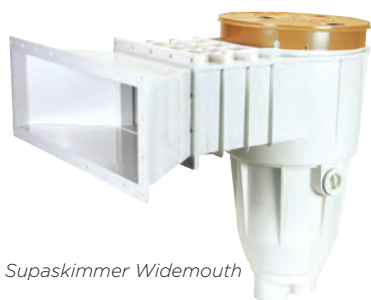
Pool Water Recirculation



Recirculation

WATERCO
water, the liquid of life

Pool Water Recirculation



Supaskimmer Widemouth



Supaskimmer

Supaskimmer

The Supaskimmer is a large capacity skimmer box which is ideal for use in large domestic, semi commercial and commercial swimming pools. Because of its large capacity 5.9 litre debris collection basket it is also ideal for any swimming pool that is constructed in leafy environments.

- Lock down leaf basket and vacuum plate - holds the leaf basket and vacuum plate firm.
- Large capacity basket - 5.9 litres, over double the size of conventional skimmers.
- 2 x 2" bottom suction ports - less water flow restrictions.
- 2 x 1½" side ports - ideal for wall mount cleaners.
- New child resistant safety lid - prevents child accidents.
- Deeper body style - less chance of running pumping equipment dry.
- Built in overflow drain port to assist the prevention of flooding, during heavy rain.

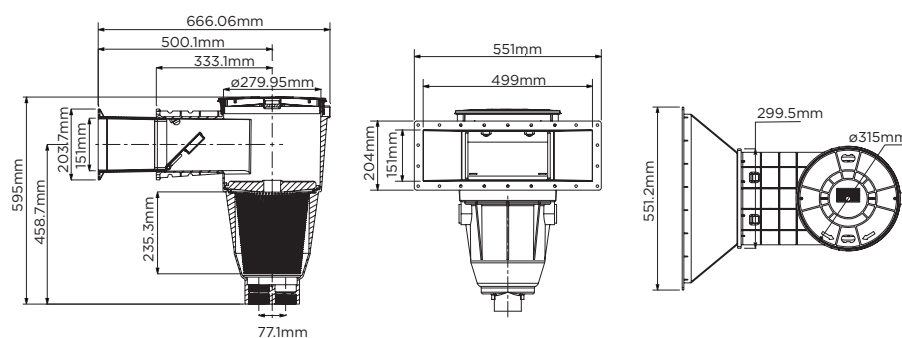
SUPASKIMMERS

Part No.	Product Description
29205	Supaskimmer (Fibreglass with screw lugs)
29210	Supaskimmer Widemouth (Concrete)
292011	Commercial Supaskimmer Concrete (Glass Reinforced Lid)
624105	Dress Ring Sandstone Colour
624111W	Commercial Skimmer Deck Lid White GF (SK104)
6241800	Lid & Round Dress Ring Sandstone

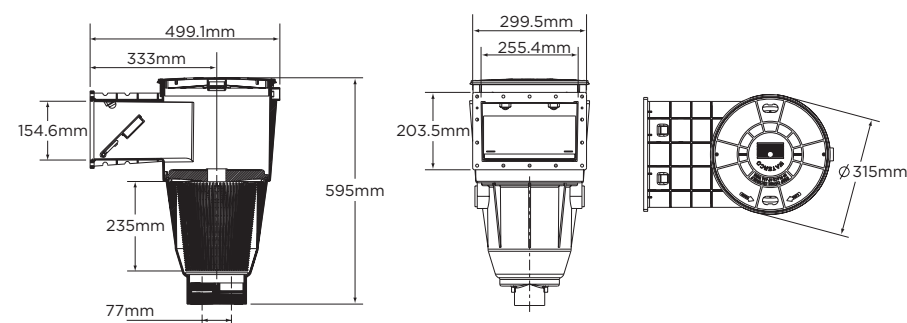
Technical Specification

Model	Max. Surface Area	Suction Pipe (inch)	Opening (mm)	Basket Capacity (litres)	Total Height (mm)	Total Depth (mm)	Unit Weight (kg)
Supaskimmer	75 m ²	2 x 2"	247x152	5.9	580	500	7
Supaskimmer Widemouth	75 m ²	2 x 2"	551x152	5.9	580	500	10

Supaskimmer Widemouth



Supaskimmer



WATERCO HYDROSTATIC VALVE

Part No.	Product Description
29302	Main Drain Hydrostatic Valve



Sanitisation



WATERCO

water, the liquid of life



Waterco & Davey have the perfect Chlorinator for any pool, giving you complete peace of mind.



AQUALIS



DAVEY
EcoSalt[®]2



DAVEY ProMatic
Lifeguard[™]

Sanitisation



Aqualis

Part No. Product Description

25149115	Aqualis 2 15 g/hr
25149125	Aqualis 2 25 g/hr
25149135	Aqualis 2 35 g/hr

Features & Benefits

- High performance reverse polarity U-shaped cell with integrated safety flow switch
- Digital display with adjustable chlorine output and alarms
- Energy efficient modes for chlorine boost, winter chlorine reduction, spa and cover operations
- Designed for mineral and normal salt water pools
- Operating Salt Level: 3000 – 6000ppm
- Low salt and no flow indicators
- Low salt cut off to protect the cell

Model Numbers:

25149115
25149125
25149135

**GUARANTEE
2 YEARS**

APPLICATIONS

Ideal for in-ground and above ground residential swimming pools. Models suitable for pools up to 175m³. Also suitable for mineral pools.

IMPORTANT NOTES

1. In 'hard water' applications (above 275ppm), reverse polarity systems will require regular (monthly) inspection and manual cleaning.
2. The appropriate sanitiser size for your pool is dependant on the local climate and the bather load of the pool. Please note that the cell life can be increased with shorter running times during winter. Waterco recommends that a sanitiser is run for between 6-8 hours a day during summer, and between 2-4 hours during winter.

- UV stabilised enclosure** for strength and durability
- Digital LCD display** for user-friendly operation
- Integrated safety flow switch** for better safety and accommodating flows down to 4.8m³/h for integration with variable speed pool pumps
- Newly designed high performance reverse polarity U-shaped cell** with barrel unions for low maintenance and installation flexibility
- Pool cover connection**
- Models are suitable for both normal salt & mineral salt pools**

Chlorine Output

Maximum Pool Size (m³)

Model	Chlorine Gas Production (g/hr 100%)	Calcium Hypochlorite (g/hr 65% equivalent)	Salt Levels	Cool Climates <25°C	Temperature Climates 25°C-30°C	Hot & Tropical Climates >30°C
25149115	15	23	3000-6000ppm	75	58	46
25149125	25	38	3000-6000ppm	125	96	80
25149135	35	53	3000-6000ppm	175	134	112

Electrical Data	
Voltage (V)	220-240
Phase	1
Supply frequency (Hz)	50/60
Enclosure Class (IP)	34

Model	# Power (W) @Max Salt Level	Power (W) @ Min Salt Level	Standby Power (W)
25149115	89.6	113.75*	1.2
25149125	125.25	157.04*	1.36
25149135	166.62	206.36*	1.36

* min salt level: 3000ppm
^ min salt level: 1500ppm
max salt level 6000ppm

Dimensions - All models (mm)

Controller

Height	Width	Depth	Mounting Holes
320	240	117	164

Cell Housing

Height	Width	Diameter	Inlet	Outlet
232	393	119	1 1/2"/50mm	2"/63mm



DAVEY EcoSalt®2

EcoSalt2

Part No.	Product Description
DES2-15E	EcoSalt 2 15 g/hr
DES2-25E	EcoSalt 2 25 g/hr
DES2-35E	EcoSalt 2 35 g/hr
DES2-15EL	EcoSalt 2 15 g/hr Low Salt
DES2-25EL	EcoSalt 2 25 g/hr Low Salt

EcoSalt®2

Salt & Mineral Water Chlorinator

Features & Benefits

- Next generation high performance reverse polarity in-line cell with integrated safety flow switch
- New switch mode power supply to accommodate low salt chlorine production
- Low salt and no flow indicators
- Low salt cut off to protect the cell
- Comprehensive user-friendly LCD interface
- Boost Mode for additional chlorination during periods of heavy bather loads
- Pool cover mode reduces chlorine output when pool cover is used to prevent over chlorination
- Operating salt level: 3000-6000ppm, 1500-6000ppm for low salt models



Chlorine Output

Maximum Pool Size (m³)

Model	Chlorine Gas Production (g/hr 100%)	Calcium Hypochlorite (g/hr 65% equivalent)	Salt Levels	Cool Climates <25°C	Temperature Climates 25°C-30°C	Hot & Tropical Climates >30°C
DES2-15E	15	23	3000-6000ppm	75	58	46
DES2-25E	25	38	3000-6000ppm	125	96	80
DES2-35E	35	53	3000-6000ppm	175	134	112
DES2-15EL	15	23	1500-6000ppm	75	58	46
DES2-25EL	25	38	1500-6000ppm	125	96	80

Model Numbers:

DES2-15E, DES2-25E, DES2-35E, DES2-15EL, DES2-25EL

GUARANTEE
2 YEARS

APPLICATIONS

Ideal for in-ground and above ground residential swimming pools. Models suitable for pools up to 175m³. Also suitable for mineral pools.

IMPORTANT NOTES

1. In 'hard water' applications (above 275ppm), reverse polarity systems will require regular (monthly) inspection and manual cleaning.
2. The appropriate sanitiser size for your pool is dependant on the local climate and the bather load of the pool. Please note that the cell life can be increased with shorter running times during winter. Davey recommends that a sanitiser is run for between 6-8 hours a day during summer, and between 2-4 hours during winter.

Electrical Data	
Voltage (V)	220-240
Phase	1
Supply frequency (Hz)	50/60
Enclosure Class (IP)	34

Model	# Power (W) @ Max Salt Level	Power (W) @ Min Salt Level	Standby Power (W)
DES2-15E*	89.6	113.75*	1.2
DES2-25E*	125.25	157.04*	1.36
DES2-35E*	166.62	206.36*	1.36
DES2-15EL^	75.37	124.10^	1.2
DES2-25EL^	116.45	180.62^	1.36

* min salt level: 3000ppm

^ min salt level: 1500ppm

max salt level 6000ppm

Dimensions - All models (mm)

Controller

Height	Width	Depth	Mounting Holes
320	240	113	164

Cell Housing

Height	Width	Diameter	Inlet	Outlet
341	198	120	50	50



DAVEY ProMatic Lifeguard™

DAVEY

ProMatic Lifeguard

Part No.	Product Description
DPLG-15E	ProMatic Lifeguard 15g
DPLG-25E	ProMatic Lifeguard 25g
DPLG-35E	ProMatic Lifeguard 35g
DPLG-15EL	ProMatic Lifeguard 15g Low Salt
DPLG-25EL	ProMatic Lifeguard 25g Low Salt

ProMatic Lifeguard

Lifeguard Chlorination & Chemistry Control System

Features & Benefits

- Wi-fi enabled with fully integrated app (remote control can be deactivated)
- pH sensor and acid dosing, ORP control, temperature and salt measurement for effortless pool balancing
- ORP control to prevent over chlorination when pool cover is used
- Next generation high performance reverse polarity in-line cell with integrated safety flow switch
- Low salt cut off to protect the cell
- Boost mode for additional chlorination during periods of heavy bather loads
- Comprehensive multilingual user-friendly LCD interface
- Operating Salt Level: 3000-6000ppm, 1500-6000ppm for low salt models

Model Numbers:

DPLG-15E, DPLG-25E, DPLG-35E, DPLG-15EL, DPLG-25EL

GUARANTEE
3 YEARS -
Except on
probes & dosing
pumps (1 YEAR)

APPLICATIONS

Ideal for in-ground and above ground residential swimming pools. Designed for salt and mineral salt pools. Models suitable for pools up to 175m³.



*NOTE: Phone not included in package

New design high performance reverse polarity in-line cell with barrel unions for low maintenance and installation flexibility

Integrated flow switch for better safety accommodating flows down to 3.6m³/hr for integration with variable speed pool pumps

Included acid pump for maintaining pH

LCD screens for user-friendly operation

UV stabilised enclosures for strength and durability

Easy to install, in line probe manifold with included probes and winter blanking plugs

Fully integrated app for information and control

Chlorine Output

Maximum Pool Size (m³)

Model	Chlorine Gas Production (g/hr 100%)	Calcium Hypochlorite (g/hr 65% equivalent)	Salt Levels	Cool Climates <25°C	Temperature Climates 25°C-30°C	Hot & Tropical Climates >30°C
DPLG-15E	15	23	3000-6000ppm	75	58	46
DPLG-25E	25	38	3000-6000ppm	125	96	80
DPLG-35E	35	53	3000-6000ppm	175	134	112
DPLG-15EL	15	23	1500-6000ppm	75	58	46
DPLG-25EL	25	38	1500-6000ppm	125	96	80

Electrical Data	
Voltage (V)	220-240
Phase	1
Supply frequency (Hz)	50/60
Enclosure Class (IP)	34
Maximum Power (kW)	15g/hr:0.12 25g/hr:0.24 35g/hr:0.24

Model	# Power (W) @Max Salt Level	Power (W) @ Min Salt Level	Standby Power (W)
DPLG-15E*	94.35	117.92*	3.32
DPLG-25E*	129.20	161.24*	3.49
DPLG-35E*	170.75	210.65*	3.49
DPLG-15EL^	79.98	128.36^	3.32
DPLG-25EL^	120.92	184.99^	3.49

* min salt level: 3000ppm
^ min salt level: 1500ppm

max salt level 6000ppm

Dimensions - All models (mm)

EcoSalt2

Lifeguard

Cell Housing

Height	Width	Depth	Mounting Holes
320	240	113	164

Height	Width	Depth	Mounting Holes
153	240	97	205

Height	Width	Diameter	Inlet	Outlet
341	198	120	50	50

IMPORTANT NOTES

1. In 'hard water' applications (above 275ppm), reverse polarity systems will require regular (monthly) inspection and manual cleaning.
2. The appropriate sanitiser size for your pool is dependant on the local climate and the bather load of the pool. Please note that the cell life can be increased with shorter running times during winter. Davey recommends that a sanitiser run for between 6-8 hours a day during summer, and between 2-4 hours during winter.



Regul'matic DAVEY

Regulmatic

Part No.	Product Description
REG11	Regul'matic ORP System Control

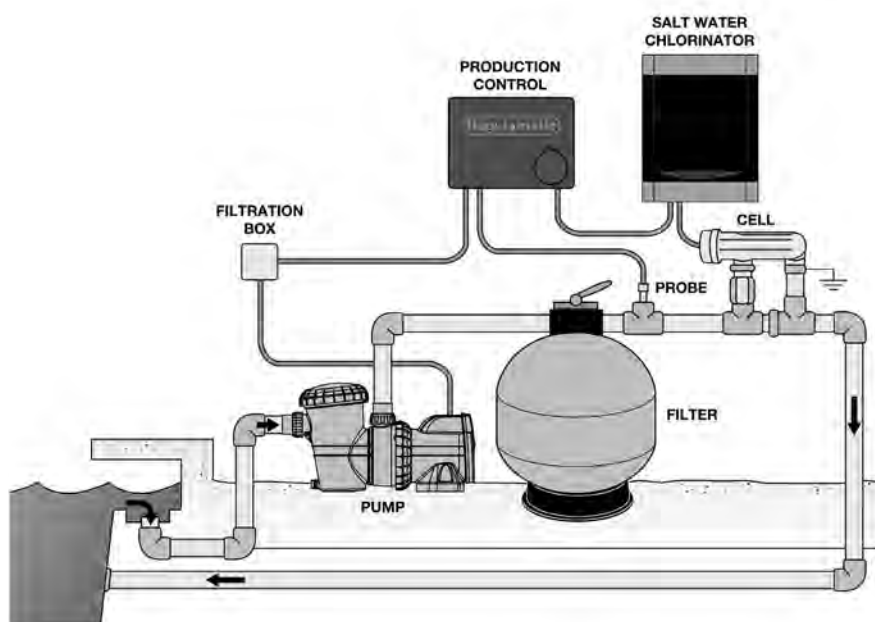
Regulmatic

Salt Water Chlorinator Production Controller.

Ideal for indoor pool, sheltered pools or shutter equipped pool. Suitable for any brand's salt water chlorinators.

Features & Benefits

- Limits production and avoid chlorine excess
- Increases chlorinator cell life
- Protects liners and shutters from superchlorination
- Prominent Redox probe for optimal reliability



In case of pH regulation, Redox probe will have to be placed upstream from pH minus injection point

Important Information

ph has to be maintained between 7 and 7.4

Stabiliser must be lower than 15ppm

TAC must be higher than 100ppm or 10°F





25W UV-C Disinfection System



55W UV-C Disinfection System

WATERCO UV-C Disinfection System

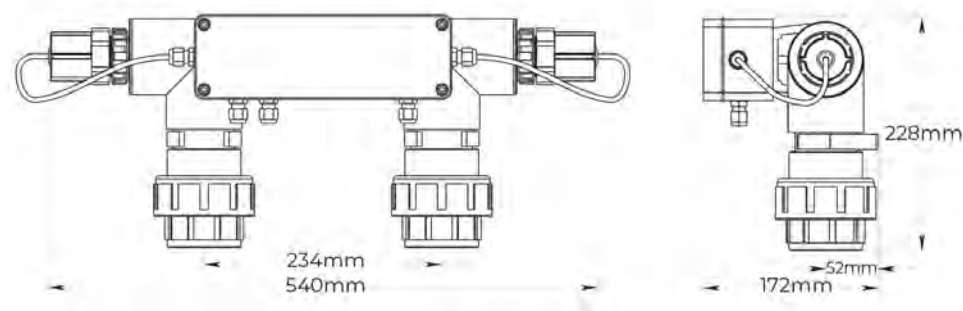
Part No.	Product Description
WCOUV25UK	25W UV-C Disinfection System (UK)
WCOUV25EU	25W UV-C Disinfection System (EU)
WCOUV55UK	55W UV-C Disinfection System (UK)
WCOUV55EU	55W UV-C Disinfection System (EU)

Waterco UV-C Disinfection System

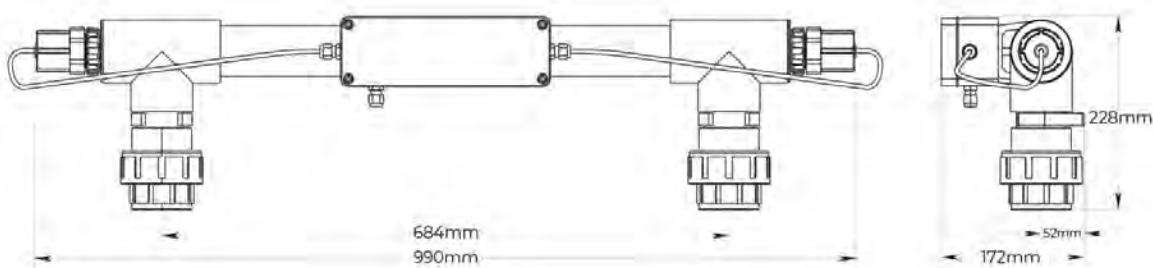
Manufactured in the UK, the Waterco UV-C range has been specifically designed to deliver exceptional performance, great water clarity, all the while being economical to run.

The range of UV's come in four options, 25W, 55W, 75W and 110W. The range has been designed with cost and practicality in mind, adding value to our customers.

25W UV-C Disinfection System



55W UV-C Disinfection System



Technical Specification

Model	Rec Max Flow	Max Pool Volume	Voltage	No of Bulbs	Temp Range	Max Power Consumption	Ingress protection rating	Working pressure	Water conns
25W UV-C	10m³/hr	25m³	220-240V	1 x 25W	<45°C	21W	IP65	2.5 bar	1.5/2.0"
55W UV-C	20m³/hr	55m³	220-240V	1 x 55W	<45°C	49W	IP65	2.5 bar	1.5/2.0"

Features

- High output, energy efficient electronic ballast
- Fully serviceable for easy maintenance
- Easy to install
- UV bulbs deliver high output
- No dead spots in the filament
- Longer lasting UVC bulb lifespan
- Average lamp life expectancy: 2 years / 9000 hours
- 2 year guarantee
- Compatible with salt chlorinators

Sanitisation

Waterco UV-C Disinfection System

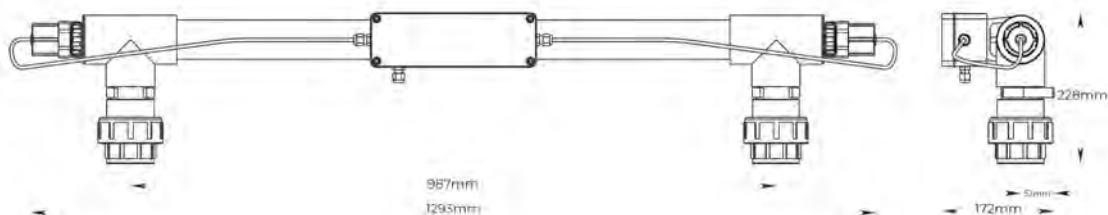
Manufactured in the UK, the Waterco UV-C range has been specifically designed to deliver exceptional performance, great water clarity, all the while being economical to run.

The range of UV's come in four options, 25W, 55W, 75W and 110W. The range has been designed with cost and practicality in mind, adding value to our customers.

WATERCO UV-C Disinfection System

Part No.	Product Description
WCOUV75UK	75W UV-C Disinfection System (UK)
WCOUV75EU	75W UV-C Disinfection System (EU)
WCOUV110UK	110W UV-C Disinfection System (UK)
WCOUV110EU	110W UV-C Disinfection System (EU)

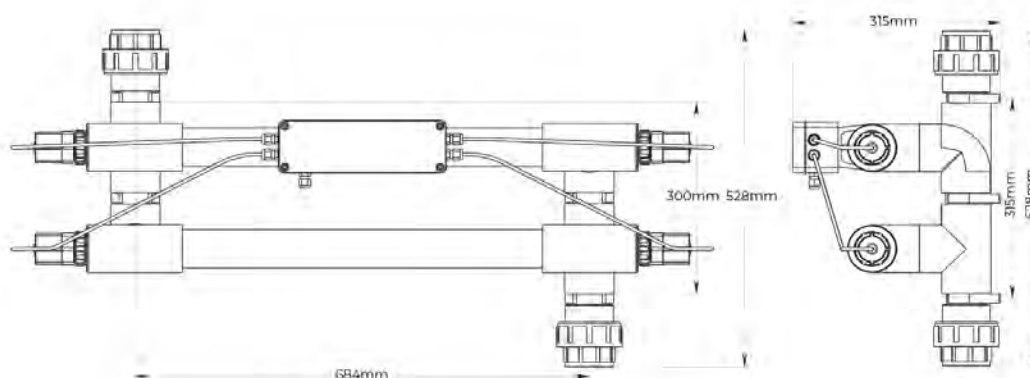
75W UV-C Disinfection System



Features

- High output, energy efficient electronic ballast
- Fully serviceable for easy maintenance
- Easy to install
- UV bulbs deliver high output
- No dead spots in the filament
- Longer lasting UVC bulb lifespan
- Average lamp life expectancy: 2 years / 9000 hours
- 2 year guarantee
- Compatible with salt chlorinators

110W UV-C Disinfection System



Technical Specification

Model	Rec Max Flow	Max Pool Volume	Voltage	No of Bulbs	Temp Range	Max Power Consumption	Ingress protection rating	Working pressure	Water conns
75W UV-C	25m ³	75m ³	220-240V	1 x 75W	<45°C	63W	IP65	2.5 bar	1.5/2.0"
110W UV-C	25m ³	110m ³	220-240V	2 x 55W	<45°C	93W	IP65	2.5 bar	1.5/2.0"

Heating



Heating

WATERCO
water, the liquid of life

WATERCO

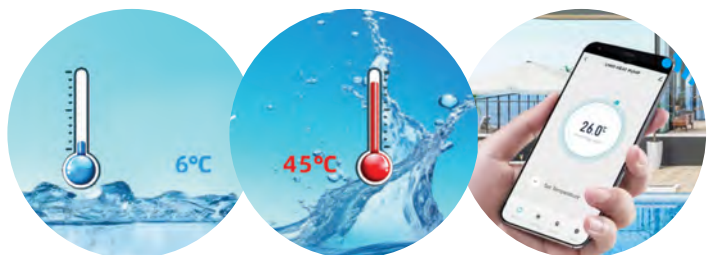
water, the liquid of life



VariTropic

The VariTropic Series offers effortless, remote pool management, giving homeowners complete convenience and peace of mind.

- **Climate Ready**
- **Smart Controls**
- **High Efficiency and Low Noise**
- **Heating & Cooling**
- **Premium Build**



VariTropic

Tropical (T3) Full Inverter Swimming Pool Heat Pumps

**Varitropic
Forth
Front
Discharge**



**Varitropic Sky
Top Discharge**

The VariTropic Series is meticulously engineered, delivering reliable performance even in extreme ambient temperatures ranging from -10°C to 53°C.

It incorporates advanced full inverter technology to maximize energy efficiency and ensure exceptionally quiet operation, making it ideal for residential pool environments. The premium aluminum alloy casing features an oxidation treatment, providing superior resistance to corrosion and extending the product's lifespan in humid, challenging conditions. With standard integrated Wi-Fi and app control, the VariTropic Series offers effortless, remote pool management, giving homeowners complete convenience and peace of mind.

Climate Ready

- Operates reliably in all climates from -10°C to 53°C
- Maintains stable efficiency with advanced T3 inverter technology
- Delivers consistent comfort even in extreme heat

Smart Controls

- Integrated Wi-Fi/App control as standard for anytime, anywhere management

High Efficiency and Low Noise

- Unique full inverter control logic
- Adjusting speed based on actual heat demand
- High efficiency and low noise

Heating & Cooling

- Offers both heating and cooling modes for year-round use
- Accurately produces pool water from 6°C to 45°C as needed
- Automatically maintains your set temperature in any tropical weather

Premium Build

- Features a robust aluminum alloy casing with advanced oxidation treatment
- Provides superior resistance to corrosion in humid, tropical environments
- Ensures long-lasting durability and premium appearance



VariTropic Tropical (T3) Full Inverter Swimming Pool Heat Pump

VARITROPIC FORTH - FRONT DISCHARGE

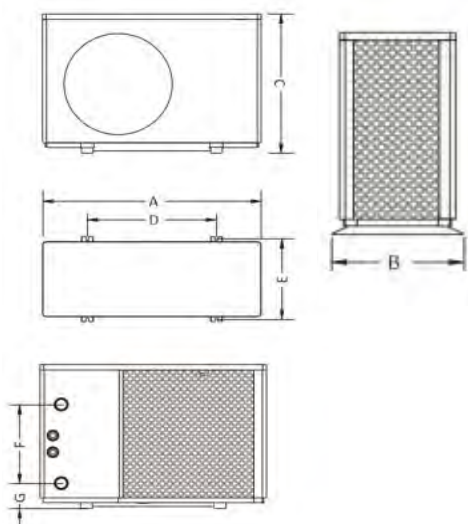
Part No.	Product Description
17OR3V-B3	VariTropic Front Discharge Pool Heat Pump
21OR3V-B3	VariTropic Front Discharge Pool Heat Pump
26OR3V-B3	VariTropic Front Discharge Pool Heat Pump

- Compact, space-saving design for flexible installation
- Ideal for residential pools with limited installation space or specific airflow needs
- Capacities: 17-26kW, for pools 40-110 m³



Technical Specification

Model		17OR3V-B3	21OR3V-B3	26OR3V-B3
Pool Volume	m ³	40-80	50-95	55-110
Performance Condition: Air Temperature 27°C, inlet / Outlet Water Temperature: 26°C / 28°C, Humidity 80% *The COP of 20 may be achieved by having the compressor running at 20% capacity.				
Heating Capacity	kw	5.62-17.23	6.65-21.13	7.75-25.82
Power Consumption	kw	0.28-2.82	0.33-3.44	0.40-4.18
COP	w/w	20.07-6.11	20.15-6.14	19.38-6.28
Performance Condition: Air Temperature 35°C, inlet / outlet water temperature 28°C / 26°C				
Cooling Capacity	kw	5.52-11.00	7.50-14.70	8.81-16.70
Power Consumption	kw	1.11-2.67	1.49-3.53	1.74-4.11
EER	w/w	4.97-4.12	5.03-4.16	5.06-4.06
Power Supply		220-240V-50Hz		
Operating Air Temp.	°C	-10-53		
Refrigerant		R32		
Material of Casing		Aluminium casing with oxidation		
Compressor		Mitsubishi		
Fan Motor Type		DC		
Water Connection	mm	50		
Noise Level (1m)	dB(A)	39-48	40-50	41-51
Advised Water Flow	m ³ /h	7.4	9.1	11.1
Min advised water flow	m ³ /h	5.18-	6.37-	7.77-
Water Drop Pressure	kPa	20	22	33



Dimensions (mm)

Model	A	B	C	D	E	F	G
17OR3V-B3	965	400	650	610	380	420	95
21OR3V-B3	1100	430	760	750	410	550	91
26OR3V-B3	1100	430	760	750	410	550	91

The above data are subject to modifications based on continuous improvement without prior notice. Please refer to the specification plate on actual unit for full data.

The pool volume is a guideline only and should be checked based on the actual pool heating requirement.



Inverter Compressor

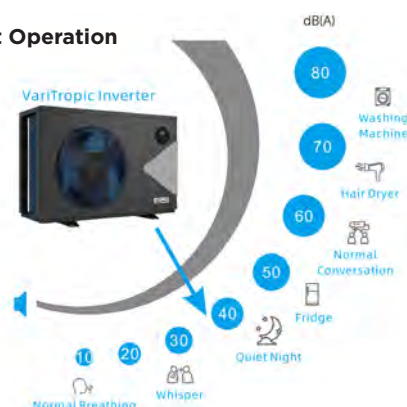


Stepless DC Motor

Heating & Cooling



Silent Operation



Heating



VariTropic

Tropical (T3) Full Inverter Swimming Pool Heat Pump

VARITROPIC SKY - TOP DISCHARGE

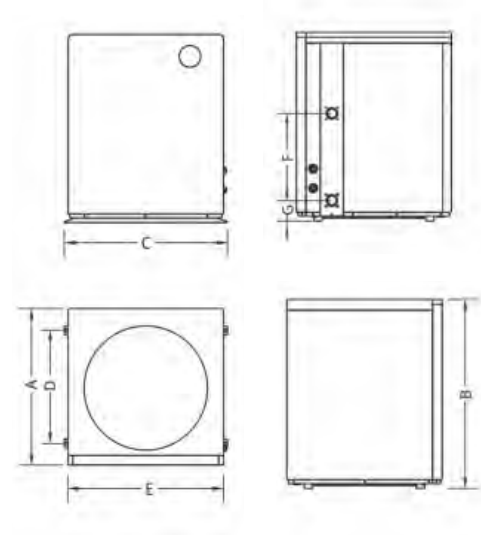
Part No.	Product Description
350R3TV-U3	VariTropic Top Pool Heat Pump
450R3TV-U3	VariTropic Top Pool Heat Pump
500R3TV-U3	VariTropic Top Pool Heat Pump

- Vertical airflow design for areas with limited horizontal clearance
- Best for larger residential pools or premium installations
- Capacities: 35-50kW, for pools 80-210 m³



Technical Specification

Model		350R3TV-U3	450R3TV-U3	500R3TV-U3
Pool Volume	m ³	80-150	100-190	120-210
Performance Condition: Air Temperature 27°C, inlet / Outlet Water Temperature: 26°C / 28°C, Humidity 80% *The COP of 20 may be achieved by having the compressor running at 20% capacity.				
Heating Capacity	kw	8.91-34.72	11.21-44.83	14.65-49.77
Power Consumption	kw	0.46-5.64	0.57-7.19	0.74-8.21
COP	w/w	19.37-6.16	19.67-6.24	19.80-6.06
Performance Condition: Air Temperature 35°C, inlet / outlet water temperature 28°C / 26°C				
Cooling Capacity	kw	11.45-23.15	12.68-25.75	16.36-33.70
Power Consumption	kw	2.22-5.70	2.48-6.31	3.19-8.20
EER	w/w	5.16-4.06	5.11-4.08	5.13-4.11
Power Supply		380-415V/3N-50Hz		
Operating Air Temp.	°C	-10-53		
Refrigerant		R32		
Material of Casing		Aluminium casing with oxidation		
Compressor		Mitsubishi		
Fan Motor Type		DC		
Water Connection		50	63	75
Noise Level (1m)	dB(A)	43-53	44-54	45-55
Advised Water Flow	m ³ /h	14.9	19.3	21.4
Min advised water flow	m ³ /h	10.43-	13.51-	14.98-
Water Drop Pressure	kPa	35	36	38



Dimensions (mm)

Model	A	B	C	D	E	F	G
350R3TV-U3	813	975	850	585	813	450	106
450R3TV-U3	1081	1104	1080	851	1045	420	108
500R3TV-U3	1081	1104	1080	851	1045	420	108

The above data are subject to modifications based on continuous improvement without prior notice. Please refer to the specification plate on actual unit for full data.

The pool volume is a guideline only and should be checked based on the actual pool heating requirement.



Inverter Compressor

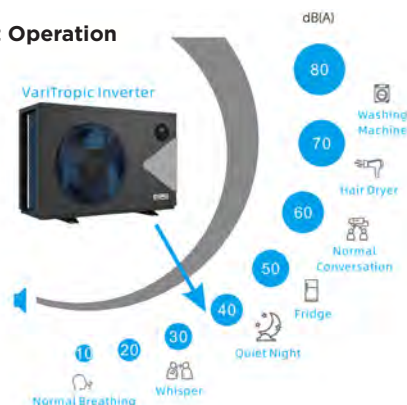


Stepless DC Motor

Heating & Cooling



Silent Operation



Heating



Electr Heat XL ECO-V

ELECTROHEAT XL ECO V INVERTER

Part No.	Product Description
2780510E05	ElectroHeat XL ECO-V 5kW Single Phase
2780910E09	ElectroHeat XL ECO-V 9kW Single Phase
2781211E12	ElectroHeat XL ECO-V 12kW Single Phase
2781711E17	ElectroHeat XL ECO-V 17kW Single Phase

The ElectroHeat XL Eco V Inverter heat pump has the flexibility to vary the speed of the fan motor and compressor to maintain a constant temperature allowing it to use less energy than conventional heat pumps.

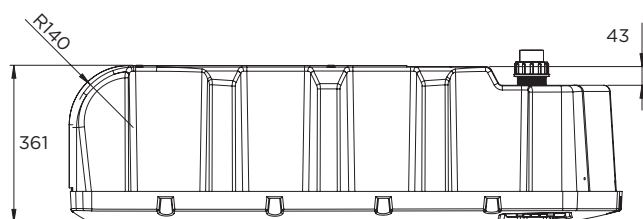
The heat pump adjusts the output from 50% to 100% depending on heat demand and environmental factors, thereby reducing energy consumption.

The fan is side mounted and the unit slim-line, for ease of installation. All units in this range are heat and cool models.

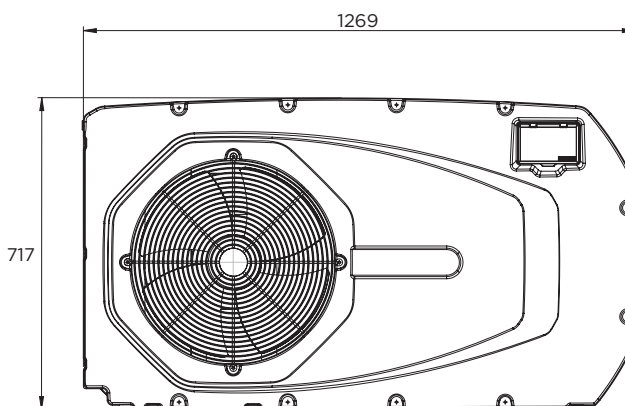
***N.B. All units in this range are heat and cool models**

Technical Specification

Model	5kW	9kW	12kW	17kW
Heating Capacity (A15/W26)	5.1 - 1.4kW	9.2 - 2.5kW	12.2 - 3.5kW	17.0 - 4.5kW
Heating Input (A15/W26)	1.00 - 0.18kW	1.86 - 0.32kW	2.28 - 0.46kW	3.62 - 0.61kW
Normal Current	4.38 - 0.8A	8.08 - 1.4A	9.85 - 2.0A	15.7 - 2.65A
COP	5.05 - 8.0	4.95 - 7.8	4.85 - 7.6	4.70 - 7.4
Cooling Capacity(A35 W27°C)	5.02-1.41kW	6.6-1.91kW	8.26-2.31kW	8.95-2.47kW
Cooling Input (A35°/W27°C)	1.11-0.22kW	1.94-0.31kW	3.04-0.41kW	3.58-0.45kW
Working Temperature Range	-10 - 43°C			
Setting Temp. Range	15°C - 40°C			
Power Supply	AC-230V/1Ph/50Hz			
Normal Current	4.83-1.0A	8.43-1.35A	13.22-1.78A	15.57-1.96A
COP	4.53-6.52	3.4-6.21	2.75-5.65	2.5-5.54
Max. Current	8A	10A	17A	20A
Gas	R32 (0.5kg)	R32 (0.6kg)	R32 (0.7kg)	R32 (1.0kg)
Compressor	Panasonic (Inverter)	Mitsubishi (Inverter)	Panasonic (Inverter)	Panasonic (Inverter)
Water Heat Exchanger	Titanium-in-PVC	Titanium-in-PVC	Titanium-in-PVC	Titanium-in-PVC
Water Flow Rate	4000L/H	5000L/H	6000L/H	6500L/H
Water Inlet/Outlet Connection	1.5Inch	1.5Inch	1.5Inch	1.5Inch
Noise (At 1 Meter)	50 - 59 dB (A)	50 - 59 dB (A)	50 - 59 dB (A)	50 - 59 dB (A)
Controller	Intelligent LED	Intelligent LED	Intelligent LED	Intelligent LED
Net Weight	50kg	53kg	59kg	67kg
Gross Weight	65kg	68kg	74kg	82kg
Net Size (L/W/H)	1269/370/697 mm			
Package Size (L/W/H)	1370/448/760mm			



TOP VIEW



FRONT VIEW

Aquaculture



Aquaculture



POND PROFESSIONAL BEAD FILTER - Combined Mechanical and Biological Filtration

Part No.	Product Description	Nom. Size
2200082048	E500 Exotuf Pond Professional Bead Filter	20" (500mm)
220008248	E600 Exotuf Pond Professional Bead Filter	24" (600mm)
220008280	E702 Exotuf Pond Professional Bead Filter	28" (702mm)

For media see page 105

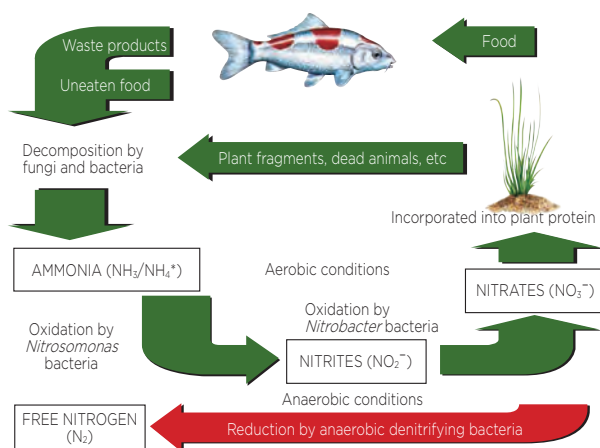
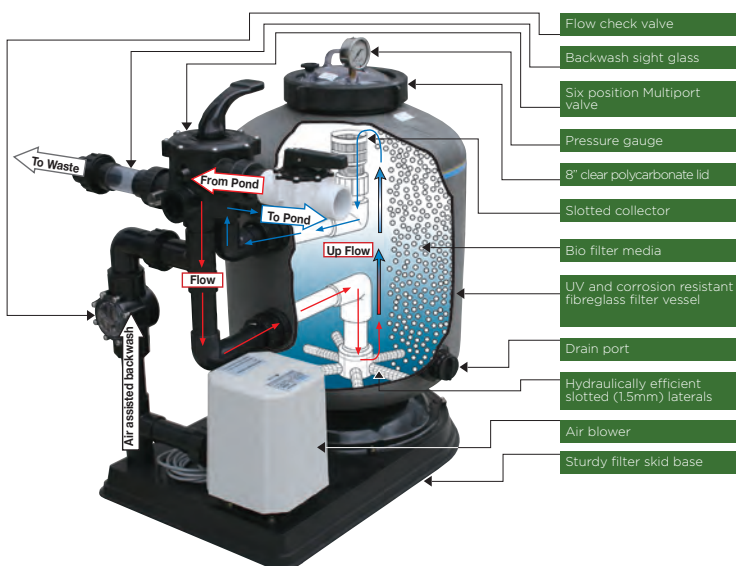
Technical Specification

Filter Diameter size	Filter Surface area	Media	Minimum-Maximum flow rate	Pond size	Pond size
mm	m ²	ltrs	m ³ /hr	m ³	gallons
20" / 500mm	0.2	75	5-10	20.0	4400
24" / 600mm	0.3	125	7-16	36.0	7920
28" / 702mm	0.38	200	14-24	60.0	13200

The Exotuf Pond Professional Bead Filter is specially engineered for the Koi enthusiast with ponds up to 60m³ (13,200 gallons) in size.

A pre-plumbed unit which is compact in design, making the Exotuf Pond Professional an ideal choice for the Koi hobbyist.

Bio-Mechanical Filtration



Mechanical Filtration

Mechanical filtration physically removes solids from the pond by trapping solids between the crevices of the filter media.

1. Water enters the multiport valve and is diverted to the lower filter entry point.
2. The inflowing water is then evenly dispersed through slotted laterals within the lower section of the filter.
3. As the water flows upwards through the Biofilter media, the contaminated water is subjected to mechanical and biological filtration.

Nitrogen Cycle

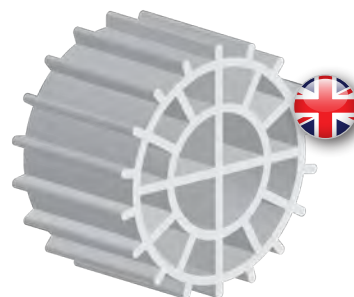
The cycle begins when fish eat and then excrete ammonia. Bacteria in the biological filter eats the ammonia and excretes nitrite. Nitrite is also toxic to fish and needs to be removed.

Another type of bacteria in the filter eats nitrite and excretes nitrate. Nitrate is non-toxic to fish in small quantities and is used by plants as fertilizer. The entire cycle then repeats itself upon completion.

Biomec Plus - Advanced Filter Media

- 1025m² per m³ protected surface area
- Class leading total surface area 1350m² per m³
- Minerals, magnesium, calcium, salt and enzymes incorporated into each piece during extrusion process
- Filters mature faster with Biomec Plus
- Structure of Biomec Plus allows a stable bio-film to form
- Reduces back pressure on pumps for improved efficiency
- Manufactured in UK:

Bio-Mec Plus



Specifications

Diameter	Length	Total surface area	Protected surface area	Weight	Bag Dimensions	Bag Volume
10.2mm	8mm	1350m ² /m ³	1025m ² /m ³	9.5kg	840x540x100mmm	50 litres

Aquaculture



Effective

Excellent nitrification and mechanical filtration.

Efficient

Hydraulically efficient filter design, balanced slotted laterals to maximize water flow and filtration.

Durable

Corrosion resistant and UV stabilised for outdoor installation.

Air-Backwash

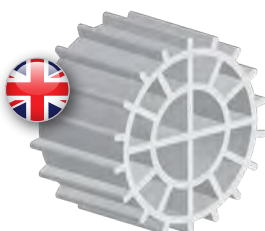
Air assisted hydraulic backwash, saving time and water.

Superior Quality

Aquabiome fibreglass filters embody the latest in fibreglass winding technology.

Biological filtration

Biological filtration is the most effective method of removing toxins (ammonia) and breaking it down into nitrites, and then into nitrates which provide food to your aquatic plants (referred to as the Nitrogen Cycle). This is accomplished by using naturally occurring bacteria and giving it a place to live in the Biofilter media where it is exposed to large quantities of food and oxygen.



AQUABIOME SKIDS

Part No.	Product Description	Nom Size
220008165	Aquabiome SM400	16" (400mm)
220008205	Aquabiome SM500	20" (500mm)
220008245	Aquabiome SM600	24" (600mm)
220008305	Aquabiome SM750	30" (750mm)
220008365	Aquabiome SM900	36" (900mm)

For media see below

Technical Specification

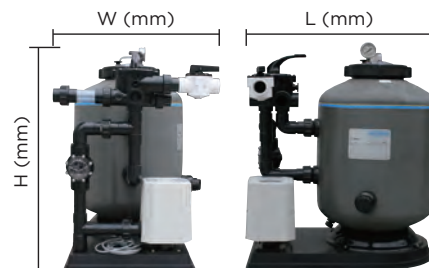
Aquabiome	ASM400	ASM500	ASM600	ASM750	ASM900
Nominal Diameter (mm/inch)	400 / 16	500 / 20	600 / 24	750 / 30	900 / 36
Filter Surface Area (m ² / ft ²)	0.13 / 1.4	0.2 / 2.1	0.3 / 3.2	0.44 / 4.9	0.64 / 7.15
Media Volume (litres)	50	75	125	200	300
Biofilter Surface Area (m ² /ft ²)	67.5 / 727	101.25/ 1090.5	168.75/1817.5	270/2906	405/4259
Inlet / Outlet Connections	50mm / 1.5"	50mm / 1.5"	50mm / 1.5"	63mm / 2"	63mm / 2"
Min / Max Flow Rate (l/min)	52 - 101	80 - 157	120 - 226	180 - 353	255 - 509
Min / Max Flow Rate (m ³ /h)	3.1 - 6.1	4.8 - 9.4	7.2 - 13.5	10.8 - 21.2	15.3 - 30.5
gpm (US gallon per min)	13.7 - 26.7	21.1 - 41.5	31.7 - 59.7	47.6 - 93.3	67.4 - 134.5
Max Pond Size (litres)	13,000	20,000	36,000	60,000	90,000
Feed Rate (kg)	0.32	0.5	0.9	1.5	2.4
Total Ornamental Fish Weight* (kg)	10.7	16.7	30	50	80
Total Aquaculture Fish Weight* (kg)	32	50	90	150	240
Tank Diameter (mm/inch)	421 / 16.5"	520 / 20.5"	622 / 24.5"	772 / 30.4"	923 / 36.3"
Overall Height (mm/inch)	856 / 33.7"	815 / 32.1"	880 / 34.6"	993 / 39.1"	1115 / 43.9"
Valve Size (mm/inch)	50 / 1½"	40 / 1½"	40 / 1½"	50 / 2"	63 / 2"

* Maximum fish stocking weight depends on the percentage of body weight fed daily.

- Ornamental fish weight based on feeding rate of 3% of body weight.
- Aquaculture fish weight based on feeding rate of 1% of body weight.

Dimensions (mm)

Aquabiome	L (mm)	W (mm)	H (mm)
SM400	815	650	886
SM500	815	650	875
SM600	1040	650	925
SM750	1325	830	985
SM900	1328	930	1110



AQUABIOME MEDIA

Part No.	Product Description	Nom. Size
Bio-Mec Plus	Bio-Mec Plus Media in plain bags - 50L Bags	9.5kg
Bio-Mec Plus25	Bio-Mec Plus Media in plain bags - 25L Bags	4.75kg

Proven Durability

Waterco Micron filters are known throughout the Industry for their impressive performance and reliability.

Manufactured from the highest grade of non corrosive materials and employing the latest in fibreglass winding technology, Micron filters are built for many years of trouble free operation.

Technologically Advanced

Micron filters consist of a blow moulded inner shell of fibreglass reinforced polyester resin strengthened with multiple layers of continuous strands of fibreglass filament.

Micron filters are wound with precision by Waterco's digital filament winding machines, for refined consistency and superior quality.

Easy Maintenance

Cleansing the filter simply requires shifting the multiport valve lever from 'filter' to the 'backwash' position, which reverses the flow of water in the filter, flushing out the trapped dirt from the filter bed.



MULTI CYCLONE

CENTRIFUGAL WATER FILTRATION

WATERCO MULTICYCLONE FILTER

Part No.	Product Description	Nom. Size
200374	MultiCyclone MC12	1 1/2" / 50mm
200506	MultiCyclone MC16 Gen2	2" / 63mm
200372	MultiCyclone Base Standard	
2003730	MultiCyclone Over Pump Stand	

NB: For information please see pages 16-19



PLEASE NOTE: The MultiCyclone is designed to filter sediment that is heavier than water. Floating debris cannot be filtered out by centrifugal filtration.



WATERCO AQUAMITE PUMPS - Single Phase, S/S shaft

Part No.	Product Description	Q. Max	P. Max
1 1/2" port supplied with 50mm metric quick connect unions			
Pump Warranty - 3 years wet end, 2 years motor and 1 year mechanical seal			
2402033PNR-M	Aquamite 033	11.3m ³ /hr	0.53kW
2402050PNR-M	Aquamite 050	14.4m ³ /hr	0.58kW
2402075PNR-M	Aquamite 075	16.8m ³ /hr	0.65kW
2402100PNR-M	Aquamite 100	19.8m ³ /hr	0.76kW
2402125PNR-M	Aquamite 125	22.2m ³ /hr	0.88kW

Price and availability for TUV approved models available on request

Silicon carbide seal required for salt water installations, pricing available on request

NB: For information please see page 54



BLOWERS

Part No.	Product Description	Nom. Size
282410	Airflo Blower 900W - CE	900W

Compact Design

The compact design of the Waterco spa blower enables installation in smaller areas and tight corners. The convenient position of the mounting base and air inlet/outlets reduces installation time and cost.

Thermal Cutout

Waterco spa blowers feature an important safety feature, an integral thermal cutout. This cutout stops the electric motor if it becomes excessively warm, it does not require manual resetting and will automatically restart the motor when it is sufficiently cooled.

Technical Specification

Size (mm)	Power (W)	Voltage (V)	Weight	Suction
225 x 280 x 360	900 watt	240AC	3.7kg	2" hpvc

Blower loops required in installation.

- Whisper quiet operation
- Hi-flow air movement
- Compact design
- Variable mounts



25W UV-C Disinfection System



55W UV-C Disinfection System

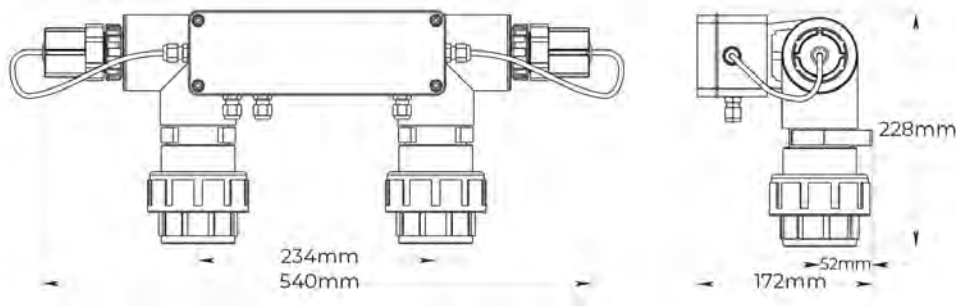
WATERCO UV-C Disinfection System

Part No.	Product Description
WCOUV25UK	25W UV-C Disinfection System (UK)
WCOUV25EU	25W UV-C Disinfection System (EU)
WCOUV55UK	55W UV-C Disinfection System (UK)
WCOUV55EU	55W UV-C Disinfection System (EU)

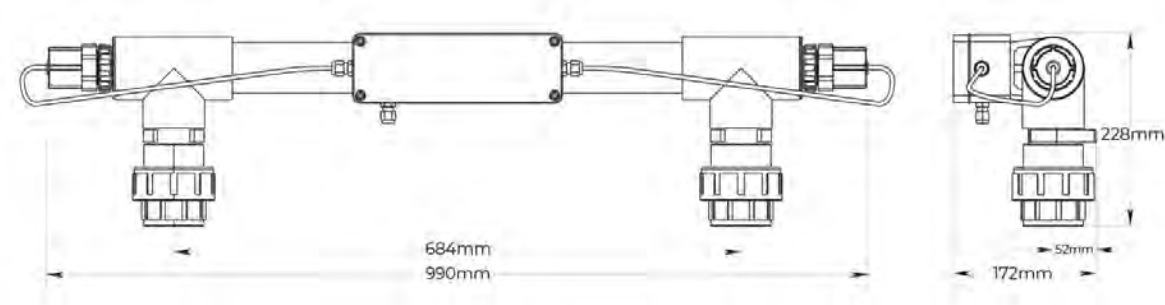
Waterco UV-C Disinfection System

Manufactured in the UK, the Waterco UV-C range has been specifically designed to deliver exceptional performance, great water clarity, all the while being economical to run.

The range of UV's come in four options, 25W, 55W, 75W and 110W. The range has been designed with cost and practicality in mind, adding value to our customers.



25W UV-C Disinfection System



55W UV-C Disinfection System

Technical Specification

Model	Rec Max Flow	Max Pool Volume	Voltage	No of Bulbs	Temp Range	Max Power Consumption	Ingress protection rating	Working pressure	Water conns
25W UV-C	10m³/hr	25m³	220-240V	1 x 25W	<45°C	21W	IP65	2.5 bar	1.5/2.0"
55W UV-C	20m³/hr	55m³	220-240V	1 x 55W	<45°C	49W	IP65	2.5 bar	1.5/2.0"

Features

- High output, energy efficient electronic ballast
- Fully serviceable for easy maintenance
- Easy to install
- UV bulbs deliver high output
- No dead spots in the filament
- Longer lasting UVC bulb lifespan
- Average lamp life expectancy: 2 years / 9000 hours
- 2 year guarantee
- Compatible with salt chlorinators

Aquaculture

Waterco UV-C Disinfection System

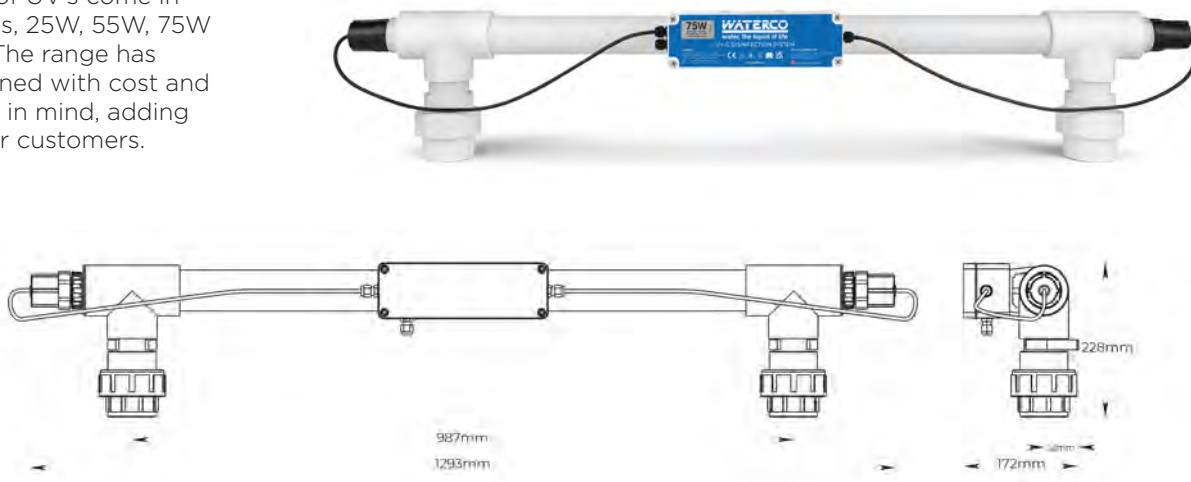
Manufactured in the UK, the Waterco UV-C range has been specifically designed to deliver exceptional performance, great water clarity, all the while being economical to run.

The range of UV's come in four options, 25W, 55W, 75W and 110W. The range has been designed with cost and practicality in mind, adding value to our customers.

WATERCO UV-C Disinfection System

Part No.	Product Description
WCOUV75UK	75W UV-C Disinfection System (UK)
WCOUV75EU	75W UV-C Disinfection System (EU)
WCOUV110UK	110W UV-C Disinfection System (UK)
WCOUV110EU	110W UV-C Disinfection System (EU)

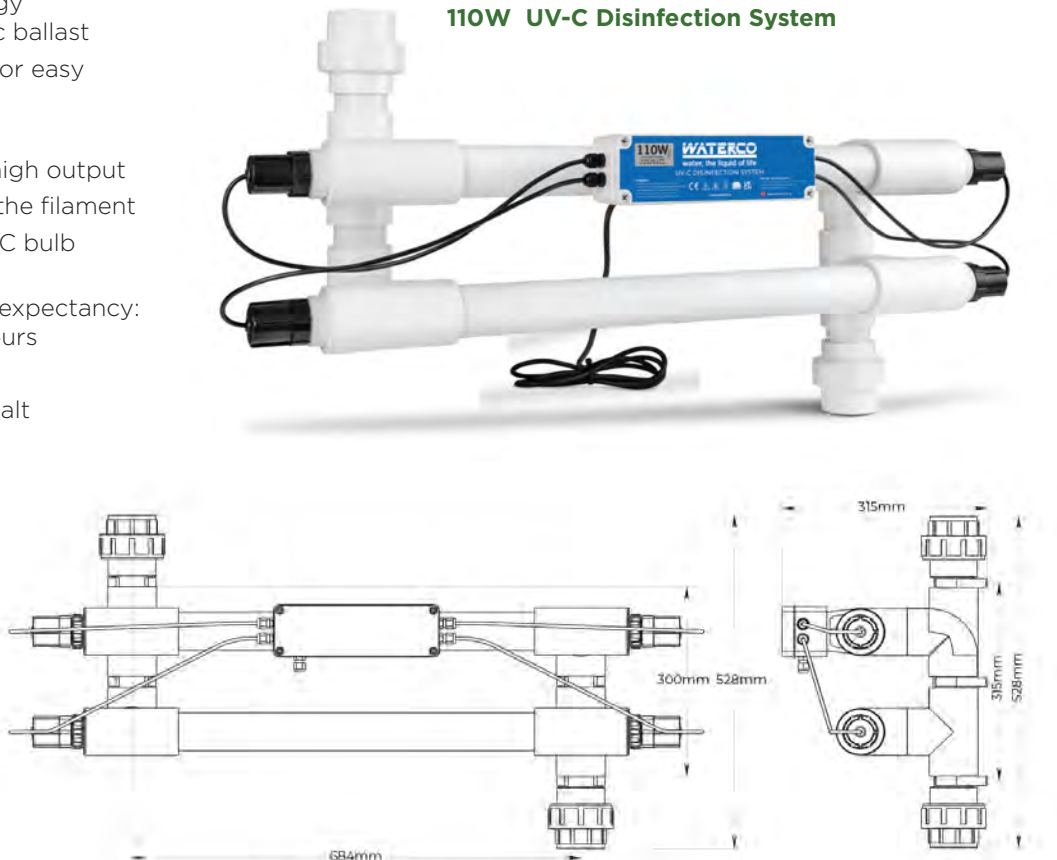
75W UV-C Disinfection System



Features

- High output, energy efficient electronic ballast
- Fully serviceable for easy maintenance
- Easy to install
- UV bulbs deliver high output
- No dead spots in the filament
- Longer lasting UVC bulb lifespan
- Average lamp life expectancy: 2 years / 9000 hours
- 2 year guarantee
- Compatible with salt chlorinators

110W UV-C Disinfection System



Technical Specification

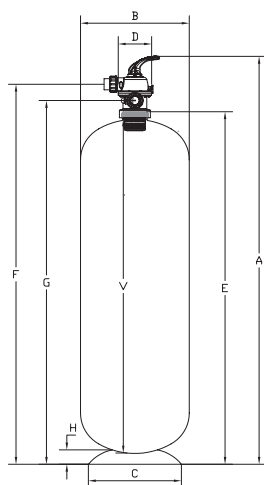
Model	Rec Max Flow	Max Pool Volume	Voltage	No of Bulbs	Temp Range	Max Power Consumption	Ingress protection rating	Working pressure	Water conns
75W UV-C	25m³/hr	75m³	220-240V	1 x 75W	<45°C	63W	IP65	2.5 bar	1.5/2.0"
110W UV-C	25m³/hr	10m³	220-240V	2 x 55W	<45°C	93W	IP65	2.5 bar	1.5/2.0"

Purification Systems



WATERCO
water, the liquid of life

Purification Systems - Point Of Use



TOP MOUNT MICRON W SERIES FILTER

Part No.	Product Description
K22473011	Micron W300 MKII (7 bar)
K22473571	Micron W350 (7 bar)
K22474071	Micron W400 (7 bar)
K22476071	Micron W600 (7 bar)

Backwashable deep bed granular filters c/w 1 1/2" 5 way MPV

Technical Specification

Filter Model	Bed Depth (mm)	Filter Area (m²)	Valve Size (mm/ inch)	Filtration flow 36m³/hr/m² (m³/hr)	Backwashflow 40m³/hr/m² (m³/hr)	Filter Bed (litres)	Sand (kg)	Eco-Pure	Glass Pearl
W300	600	0.07	50/1.5	2.5	2.8	58	85	70	95
W350	600	0.10	50/1.5	3.6	4	79	115	95	130
W400	600	0.13	50/1.5	4.7	5.2	79	115	95	130
W600	600	0.28	50/1.5	10.1	11.2	175	255	210	285

Sand to Eco Pure x by 0.82

Sand to Glass Pearl x by 1.11

Dimensions (mm)

Model	A	B	C	D	E	F	G	H	V
W300	1366	322	346	160	1100	1233	1153	175	955
W350	1397	366	355	160	1130	1262	1183	63	1010
W400	1377	416	355	160	1110	1242	1163	63	995
W600	1402	620	540	160	1135	1267	1188	88	992

W SERIES MKII AUTOMATED DEEP BED FILTERS

Part No.	Product Description
22473002	Micron automated W300 MKII Deep Bed Filter c/w automated valve (time based)
22473012	W300 MKII tank only, suitable for automated valve

Technical Specification

Model	Valve Size (mm/ inch)	Filter Area (m²)	Bed Depth (mm)	Max. Flow Rate 36m³/hr/m² (m³/hr)	Max. Working Pressure (bar / psi)	Media Volume (Litres)	Sand 16/30 (kg)
W300 MKII	50/1.5	0.07	600	2.52	6 / 87	51	75

Dimensions

Model	Inner Diameter (mm)	Overall Width (mm)	Overall Height (mm)
W300 MKII	300	332	1366

MPV FOR W & WD FILTERS

Part No.	Product Description	Nom. Size
228026EURO	50mm 5-way MPV	(6 bar)
2280262EURO	50mm BSB collar 5-way MPV for MK II W300	(7 bar)
228053EURO	63mm 6-way MPV	(4 bar)

Purification Systems - Point Of Use



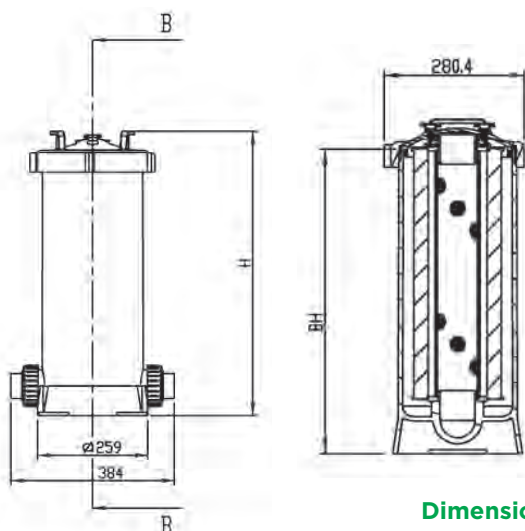
COMMANDOMATIC TCF HOUSING 6 bar

Part No. Product Description

Polypropylene housing for cartridge and/or granular filtration purposes.
Filter supplied with both 1½" imperial & 50mm metric quick connect unions.

2150253EU	C25 TCF (empty)
2150503EU	C50 TCF (empty)
2150753EU	C75 TCF (empty)

TCF Compact filter is a compact and economical cartridge filter built with an easy-to-use locking system for simple cartridge removal and replacement.



- Easy-to-read pressure gauge.
- Moulded glass filled PP lid with locking for easy hand operation.
- High impact polypropylene body.
- Non-corrosive, non-sticking air relief valve. Easy to operate.
- Inbuilt automatic air bleed.
- 50mm / 1.5" connections

Dimensions

Model	Overall Height (H) (mm)	Body Height (BH) (mm)
C25	432	372
C50	668	608
C75	921	861



COMMANDOMATIC TCF CARTRIDGES

Part No.	Product Description	Price
	Pleated Polyester Filter Cartridges	
620401	C25 1 micron cartridge *	£103.20
62031	C25 5 micron Cartridge *	£69.64
620311	C25 10 micron Cartridge *	£95.14
62040	C25 30 micron cartridge *	£66.73
62041	C50 5 micron Cartridge	£93.16
620411	C50 10 micron Cartridge	£86.16
6204220	C50 20 micron Cartridge	£85.49
62042	C50 30 micron Cartridge	£82.72
62043	C75 5 micron Cartridge	£127.91
620431	C75 10 micron Cartridge	£127.25
6204420	C75 20 micron Cartridge	£142.71
62044	C75 30 micron Cartridge	£134.78

Pleated Filter Cartridges

The Pleated Filter Cartridges are fabricated from pleated reusable polyester fabric. The media has been pleated to provide 2.3 to 6.9 square metres of surface area in order to maximise the cartridge dirt holding capacity and extend the time between cleaning.

Material : Polyester fabric material,
Vinyl Plastisol end caps,
Polypropylene core

Operating Temperature: 4°C to 50°C

Maximum Pressure Drop: 0.2 bar / 2.9 psi

Specification

Model	Max. Flow Rate	Cartridge Micron Ratings	Maximum Pressure Drop	Surface Area	Cartridge Length	Cartridge Diameter
C25	5.7m³/hr	5, 10, 20, 30	0.2 bar / 2.9 psi	2.3 m² (25ft²)	240mm	185mm
C50	11.40m³/hr	5, 10, 20, 30	0.2 bar / 2.9 psi	4.6 m² (50 ft²)	490mm	185mm
C75	16.50m³/hr	5, 10, 20, 30	0.2 bar / 2.9 psi	6.9 m² (75 ft²)	740mm	185mm



TCF GRANULAR MEDIA CARTRIDGE COMPONENTS

Part No.	Product Description
3651922	Trimline Bottle (c/w slots) 12 litre capacity
3651923	Trimline Bottle (w/o slots) 12 litre capacity
644771	TCF sealing washer
W02046	TCF cartridge spacer
6340116	TCF cartridge spacer o-ring

*TCF Granular Media Pre-Filter Cartridges

Purification Systems - Point Of Use

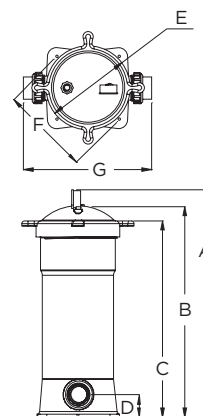


TBF housings are constructed from high impact polypropylene to be compatible with a wide range of fluids, and its ergonomic screw down lid is designed for simple hand operation allowing for a quick filter changeover.

- Ideal as a coarse pre-filter / leaf trapper
- Reusable filter bags
- One piece mould construction
- Able to withstand up to 6 bar / 600kPa / 87 psi

COMMANDOMATIC TBF HOUSING 6 bar

Part No.	Product Description
	Polypropylene Housing for Bag Filtration
3761050EU	C50 TBF Housing
37610750EU	C75 TBF Housing



Model	Max. Flow Rate	Required Clearance for Servicing	Max. Pressure	Max. Temperature
C50	11.4 m ³ /hr	530mm / 20.9"	6 bar	40 °C / 100 °F
C75	16.2 m ³ /hr	770mm / 30.3"	6 bar	40 °C / 100 °F

Model	A	B	C	D	E	F	G
C50	710mm	665mm	620mm	71mm	263mm	278.5mm	402mm
C75	960mm	915mm	870mm	71mm	263mm	278.5mm	402mm

TBF POLYPROPYLENE FILTER BAGS

Part No.	Product Description
	For C50
3651931	1 Micron Filter Bag
3651924	5 Micron Filter Bag
3651925	25 Micron Filter Bag
3651926	50 Micron Filter Bag
36519265	800 Micron Filter Bag
	For C75
36519310	1 Micron Filter Bag
36519240	5 Micron Filter Bag
36519250	25 Micron Filter Bag
36519260	50 Micron Filter Bag
36519266	800 Micron Filter Bag



Filter Bag Specifications	C50	C75
Material	Polyester*	Polyester*
Specific Gravity	0.91	0.91
Abrasion & Flex	Very Good	Very Good
Weak Acids	Excellent	Excellent
Strong Acids	Excellent	Excellent
Weak Alkali	Excellent	Excellent
Strong Alkali	Excellent	Excellent
Solvents	Fair	Fair

Filter Bag Dimensions	C50	C75
Surface Area	0.17m ² / 1.85ft ²	0.27m ² / 2.9ft ²
Diameter	178mm / 7"	178mm / 7"
Length	419mm / 16.5"	660mm / 26"

Warranty Terms & Conditions

[Important note: The benefits under this warranty are in addition to other legal rights and remedies you may have in relation to Waterco products]

PLEASE READ

1. These terms and conditions carefully, as failure to comply may affect your legal rights under this warranty; and
2. Any operating instructions carefully before commencing use of any product manufactured by Waterco (Europe) Limited ("Waterco"). Waterco manufactures quality pool and spa products to the highest standards using the most advanced technology and production procedures available.

WARRANTY COVER

If a defect occurs in any Waterco product during the warranty period, Waterco will at its discretion, repair the product or replace and install the defective part, free of charge provided that the defect results solely from poor workmanship or materials and subject to these terms and conditions.

Labour is covered by this warranty for a period of 12 months from the date of purchase or installation, at the discretion of Waterco and within a 50km/30 mile radius of an authorized Waterco Service Agent. All warranty work must be carried out by an authorised warranty agent and pre-approved before work is carried out.

The purchaser is responsible for any freight incurred.

Warranties are valid only within the original country of purchase.

WARRANTY PERIOD

All products sold by Waterco are covered by a one year warranty. The exceptions to this are the products listed in the schedule (which also specifies relevant warranty periods). All warranty periods commence on the date of purchase, or installation at Waterco's discretion.

The provisions of this warranty are not transferable and are in addition to and not in modification of or subtraction from any applicable statutory warranties, rights or remedies.

CONDITIONS OF WARRANTY

This warranty only applies where:

1. The products requiring installation have been sold with installation included and have been installed by a licenced plumber, electrician or person who has completed an accredited course in swimming pool care and maintenance or a person with more than 12 months on the job learning or a person supervised by one of these people, in accordance with any written installation instructions provided.
2. The products have been operated in accordance with written instructions supplied by Waterco;
3. The purchaser is able to provide proof of purchase that specifies the date of purchase;
4. The product has been serviced or maintained regularly.
5. Any pump using an electric motor has:
 - Been adequately ventilated to avoid over heating;
 - Not been run on an electrical extension cord; and
 - Been installed in an area that is free from flooding or excessive outside contact with water;
6. Any pump has not been allowed to run dry (as this causes excessive damage to both the pump and motor);
7. Any pool and spa equipment has been used in water:
 - a. With a temperature not exceeding 40 degrees Celsius; Note: Pumps domestic and commercial should not exceed 35 degrees Celsius.
 - b. With a pH range maintained between 7.2 – 7.6;
 - c. That has been chemically balanced in accordance with the Langelier saturation index within a range of -0.2 to +0.2 to ensure that it is not corrosive or scale forming;
 - d. That is not salt water (other than mild saline water conditions which are compatible with swimming pool salt water chlorination systems) – unless otherwise stated by Waterco in both the respective product labels and brochures that it is suitable for seawater applications; and
 - e. That has been regularly treated with a sanitizing system using bromine, chlorine, hydrogen peroxide in one of its compound forms, or generated in-situ, in concentrations (doses) recommended by the relative state or country health departments.
8. Pressure gauges have not been exposed to frosting and freezing conditions and due care has been exercised when attaching them to any Waterco products;

Warranty Terms & Conditions

9. Electrical equipment has been adequately protected from salt air environments and from salt water; and
10. Any pump used on a filter does not have a shut-off head that exceeds the pressure rating of the filter installed.

All repairs and replacements shall be carried out by Waterco or its authorized service dealer, unless otherwise authorized in writing by Waterco.

If an authorized service dealer is not available within 50km/ 30 miles of the purchaser's area:

- The purchaser must contact the place of purchase or Waterco for further instructions and;
- The purchaser is responsible for any freight or infield labour costs.

EXCLUSIONS

This warranty does not cover, and Waterco will not be responsible for, any defect or damage caused or contributed to by:

- (a) installation or use of the product other than in accordance with Waterco's written instructions, any statutory requirements and these terms and conditions;
- (b) use of the product for a purpose other than for which it was designed or sold;
- (c) abuse, misuse, corrosion, internal and external, or normal wear and tear;
- (d) any repairs or modifications whatsoever carried out by any person, other than a Waterco authorized service dealer;
- (e) exposure to water not caused by a defect in the product; and
- (f) transit of the product over which Waterco has no control.
- (g) inadequate ventilation
- (h) cement, pebbles, render or other pool surface finishes blocking the pump's impeller
- (i) insect and/or vermin infestation

Some three phase pumps are not supplied with thermal overload protection. It is the purchaser's responsibility to have this provision installed by appropriately licensed electricians prior to the initial installation of the pump. All electrical work must comply with any appropriate statutory requirements. Warranty for installation of thermal overload protection is the sole responsibility of the licensed electrical contractor and not Waterco.

LIMITATIONS OF LIABILITY

To the extent permitted by law Waterco excludes all liability it may have to the purchaser for indirect, special or consequential loss arising from or related to any defect in any Waterco product, or any act or omission of Waterco, including, but not limited to, loss of business, loss of profit, loss of revenue, lost opportunity, inconvenience, and damage to any property other than the Waterco product.

To the extent permitted by law, Waterco excludes all other conditions, guarantees, liabilities or representations that are not expressly set out in this agreement. These terms and conditions do not attempt to exclude, restrict or modify any applicable statutory rights, or any exercise of any statutory rights, or any liability imposed on Waterco by any law if to do so would contravene that law or make any part of these terms and conditions void.

To the extent permitted by law, Waterco excludes all conditions and warranties implied into these terms and conditions and limits its liability for breach of any such condition or warranty that it cannot exclude to the greater of (at Waterco's option);

- (a) for goods:
 - Repairing or replacing those goods; or
 - Paying the cost of having those goods repaired or replaced; and
- (b) for services:
 - Resupplying the services; or
 - Paying the cost of having those services resupplied.

TEST YOUR WATER REGULARLY

The chemical balance of the water is a relationship between total alkalinity, pH, Calcium hardness and temperature. Waterco recommends that you have your water tested regularly (once a month) by your local pool professional. A record of testing should always be kept for reference.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so any such limitation may not apply. This warranty gives specific legal rights. The purchaser may have other rights depending on the jurisdiction in which the Waterco product was purchased or the purchaser is located.

Warranty Terms & Conditions

SCHEDULE OF WARRANTY PERIODS

All products sold by Waterco are covered by a one year warranty with the exception of the products listed below.

Domestic Applications:

PRODUCT	FULL WARRANTY	PRO-RATA WARRANTY
PUMPS		
Conditions:		
• Wet End	3 years	
• Motor, Hair & Lint Pot Lid, O'Ring, Basket, Impeller & Diffuser	2 years	
• Mechanical* Seal & Capacitor	1 year	
*Except: Silicon carbide (sea water) seal	6 months	
FILTER		
• Thermoplastic filter tank	5 years	5 years (See column A)
• Micron Filament Wound / Exotuf filter tank	10 years	
• Cartridge / Bag filter tank	10 years	
• DE filter tank	3 years	2 years (See column B)
• MultiCyclone / Plus / Ultra / XL	2 years	
• Lacron filter tank	5 years	5 years
• W250 / W300 filters	5 years (residential)	
• Other W / WD series filters	2 years (residential)	
• All W / WD series filters	2 years (commercial)	
• Aquabiome Bead Filters	10 years	
*Except: All internal parts including fittings, valves, gauges, cartridge elements, DE grids	1 year	
All multiport valves used on sand (granular) or DE filters	3 years	
SALT CHLORINATORS		
• Hydrochlor Chlorinator Cell	3 years	
• Hydrochlor Chlorinator Power Pack	3 years	
• Hydrochlor Chlorinator cell & power pack for commercial applications	1 year	
HEAT PUMPS	Heat exchanger 25 years Compressor 3 years All other components 2 year	
BRITESTREAM LED	2 years	
MAINTENANCE EQUIPMENT		
• Aquafinger*	2 years	
* Except: Replacement Cover		
• Pro Pool Care	2 years	

Warranty Terms & Conditions

Commercial applications

All products installed in a commercial application are covered by a one year warranty except commercial filament wound tanks and commercial pumps.

PRODUCT	WARRANTY	PRO-RATA
PUMPS		
• Wet Ends	2 years	
• Hair & lint pot lid, 'o' ring, basket, impeller & diffuser	2 years	
• Motor mechanical seal & capacitor	1 year	
FILTERS		
• Commercial filament wound tanks	5 years	5 years
* Except; All internal parts including fittings, valves, gauges & media	1 year	

How Our Pro-Rata Warranty Operates:

If a purchaser makes a claim under this Warranty during any pro-rata Warranty Period, Waterco will, at its discretion, replace any defective product, material or part, provided that the purchase contributes to a percentage of Waterco's list price. The purchaser is responsible for any labour and freight costs. The following table sets out the percentage payable by the purchaser for any products, materials and parts in the relevant warranty year (where year 1 is the first year after purchase):

YEAR	A	B
	5 years full warranty +5 years pro rata warranty	3 years full warranty +2 years pro rata warranty
1	0	0
2	0	0
3	0	0
4	0	60%
5	0	80%
6	50%	N/A
7	60%	N/A
8	70%	N/A
9	80%	N/A
10	90%	N/A

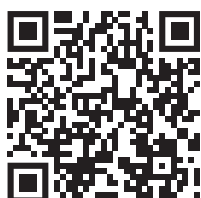
SUMMARY OF WARRANTY LIMITATIONS

The provisions of this warranty are not transferable from the original purchaser and are in addition to and not in modification of or subtraction from any applicable statutory warranties, rights or remedies.

Labour is covered by this warranty for a period of 12 months from the date of purchase or installation.

Spare parts used in the repair of products are covered by a 12 month warranty and are not covered by the original warranty from date of purchase or installation.

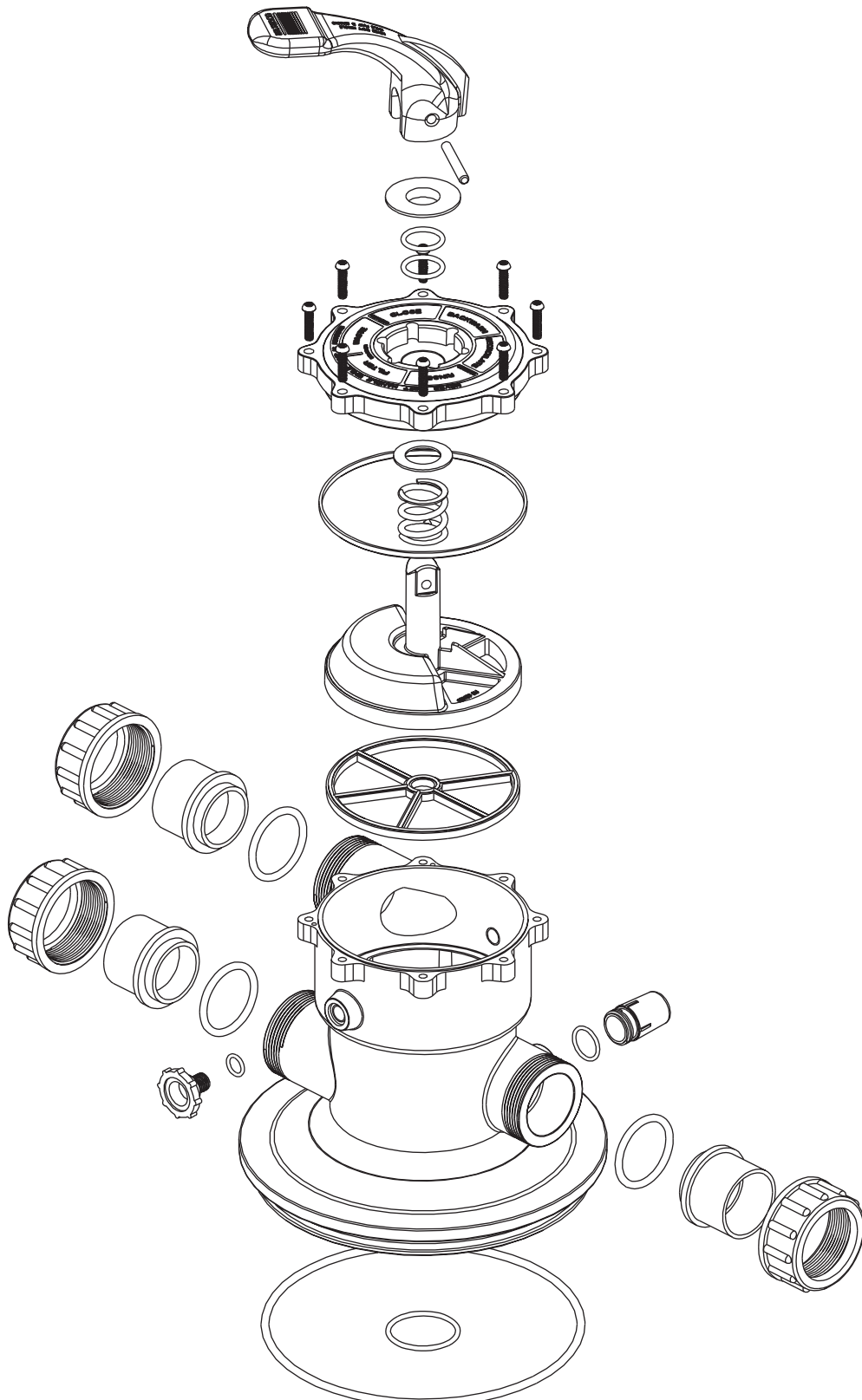
The purchaser is responsible for any freight incurred.



The Waterco (Europe) Limited Terms & Conditions of Sale are correct at the time of print. These terms & conditions can be updated at any time and are available to download from our Waterco (Europe) Limited Website; www.waterco.eu or by scanning the QR code.

WATERCO

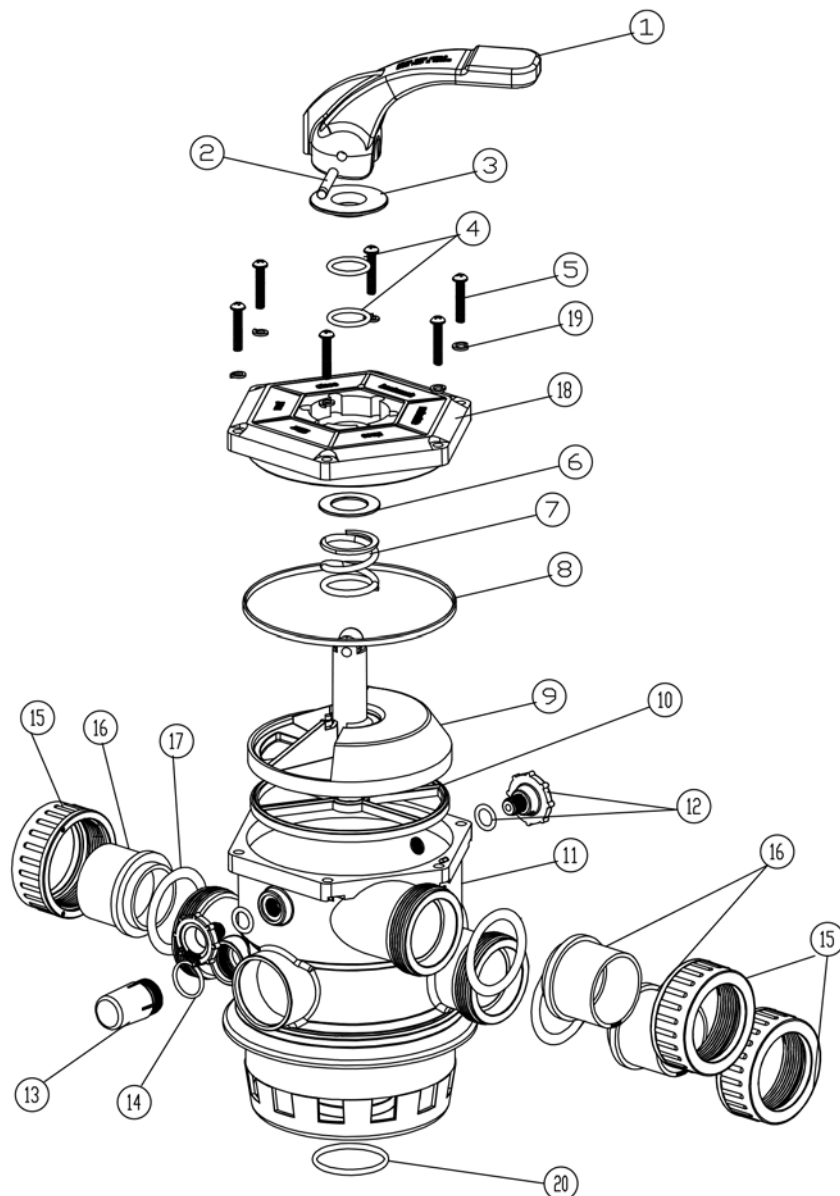
Spare Parts Catalogue



1 1/2" / 50mm Clamp Type 6"

Product Code: 2280424

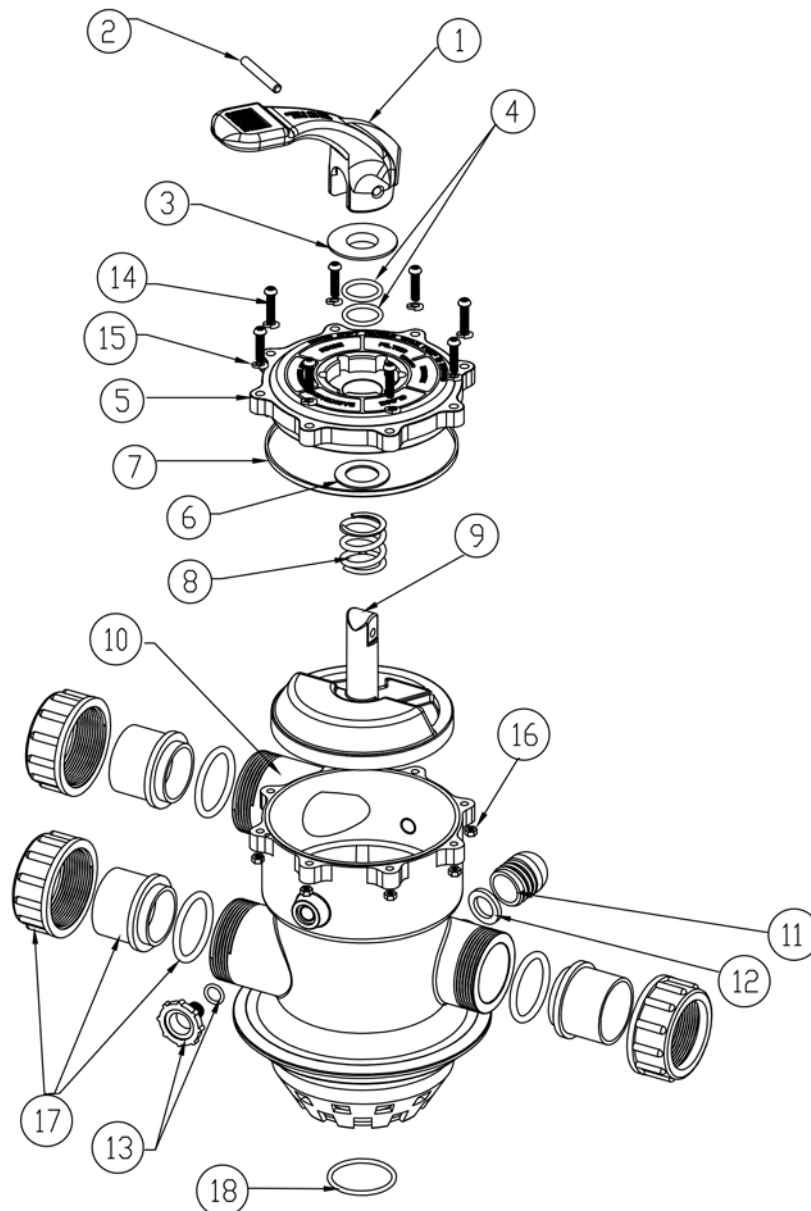
Part Number	Product Description	Diagram No.
6214511	MPV 1 1/2"/50mm mm Handle Waterco	1
621111	MPV 1 1/2"/50mm Handle Pin	2
6214520	MPV 1 1/2"/50mm Teflon Ring	3
6214572	MPV 1 1/2"/50mm Axel O'Ring K (Qty 2 required)	4
6214642	MPV 6 Way 1 1/2"/50mm Screw 1/4"X28 P/H M/C w S/W (Qty 6 required)	5
621455	Valve Teflon Ring 1 1/2"/ 50mm MPV	6
6214562	MPV 1 1/2"/50mm Spring	7
621454	MPV 1 1/2"/50mm Top Cover Gasket	8
621458	MPV 1 1/2"/50mm Rotor	9
621460	MPV 40mm Spides Gasket Post 1994	10
6214472	MPV Body 1 1/2"/50mm Complete W/spider gasket	11
620221	Air Relief Valve new style - black (Qty 2 required)	12
621463	MPV 1 1/2" Sight Glass	13
621462	MPV 1 1/2"/50mm Sight Glass Gasket	14
122243B	H/Union 1 1/2" W/O Ring SM MPV (Qty 3 required)	15
122245B	H/Union 1 1/2" W/O Ring MPV Metric (Qty 3 required)	16
621453	MPV 1 1/2"/50mm Top Cover	18
6214642	SPG Washer14 80-1212 (Qty 6 required)	19
6214502	O'Ring 1 1/2"/50mm AS328	20
6214642	Nut 1/4" SS304	



1 1/2" / 50mm Clamp Type 6"

Product Code: 22804456EUM

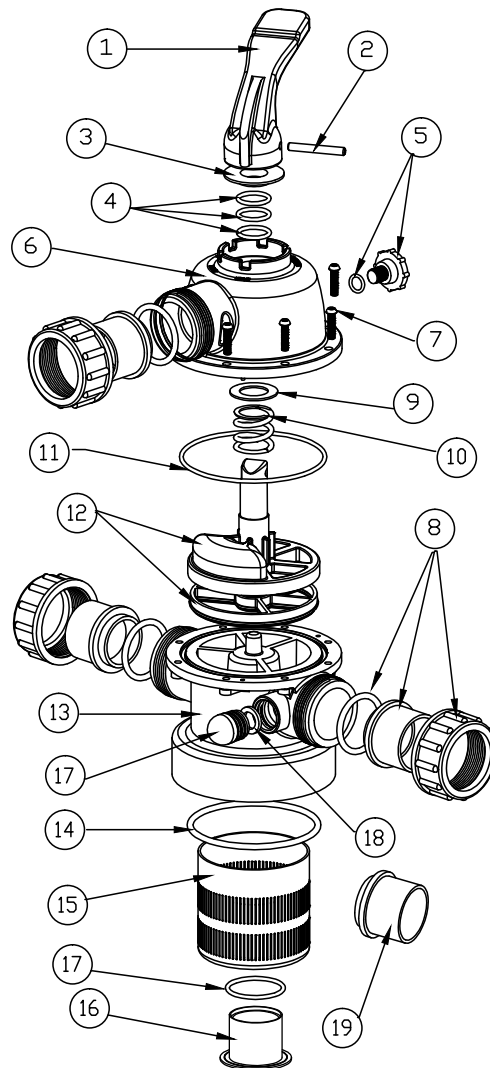
Part Number	Product Description	Diagram No.
6214511	MPV 1 1/2" / 50mm Handle	1
621111	MPV 1 1/2" / 50mm Handle Pin	2
6214520	MPV 1 1/2" / 50mm Washer Top Cover MK3 WCO	3
621457	MPV 1 1/2" / 50mm Axel O'Ring AS214 Qty 2 required)	4
6214672	MPV 40 6W T/Cvr MK2	5
6214550	MPV 1 1/2" / 50mm Washer Rotor Axle MK3 WCO	6
621454	MPV 1 1/2" / 50mm Top Cover Gasket	7
621456	MPV 1 1/2" / 50mm Spring	8
6214582	MPV 40 Rotor W GSK MK2	9
6214451	MPV TM 1 1/2" / 50mm Body Clamp 6 Way MK3 Assy	10
621381	MPV 2" Sight Glass	11
621341	MPV 2" Sight Glass Gasket	12
620221	Air Relief VLV NEW-B	13
W22567	Bolt M6X35P/H M/C A2 (Qty 8 required)	14
W12782	Washer M6 Flat SS304 (Qty 8 required)	15
W22040	Nut Hex M6 S/S304 (Qty 8 required)	16
122243B	H/Union 1 1/2" / 50mm w O'Ring - Black (Qty 3 required)	17
W02691	O'Ring 40MPV 4W AS225	18
122245B	H/Union 1 1/2" W/O Ring MPV Metric (Qty 3 required)	17



1 1/2" / 50mm Top Mount - 7 bar

Product Code: 2280262EURO

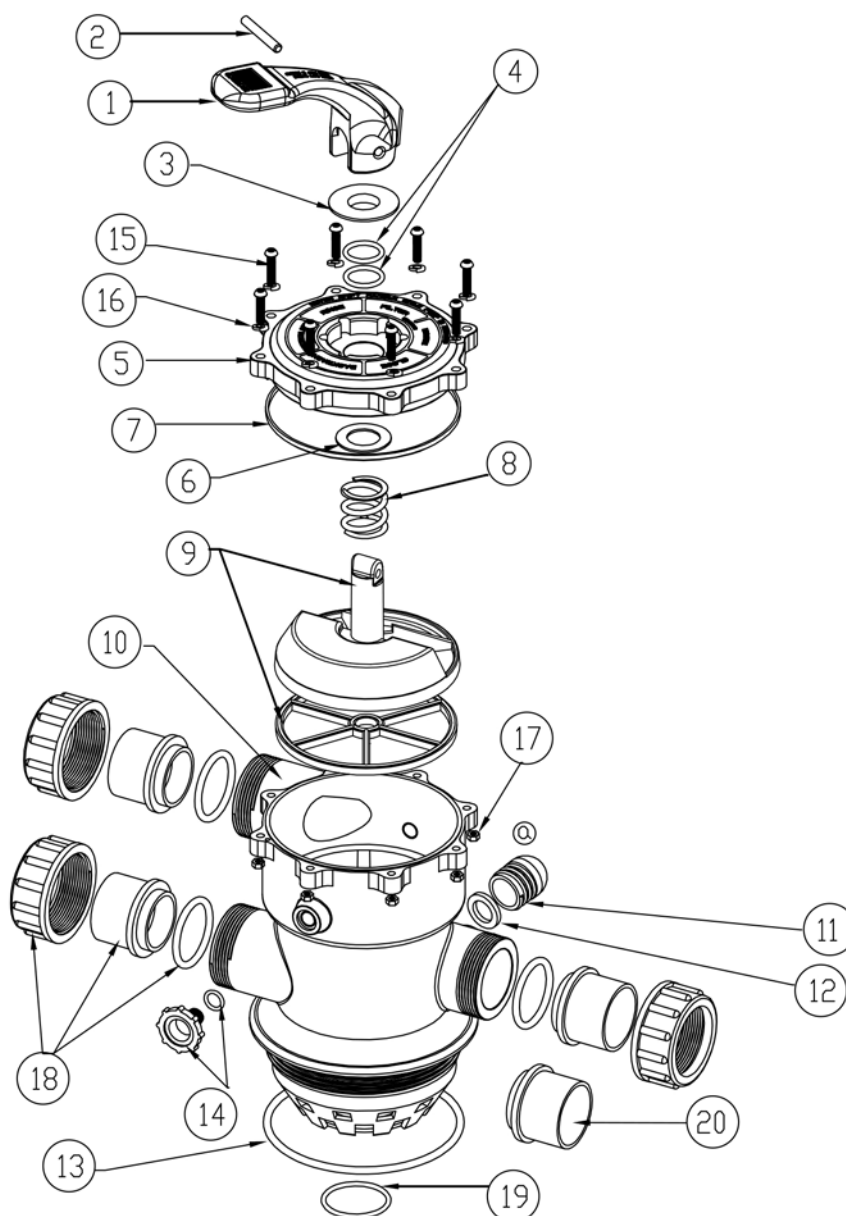
Part Number	Product Description	Diagram No.
6214511	40/50/65mm Handle Waterco Extron	1
621111	MPV 40mm (K) / 50mm (W) Handle Pin	2
6214520	MPV 40mm Teflon Ring	3
621457	MPV Axel O Ring	4
620221	Air Relief Valve New Style Black	5
6214802	MPV 5 Way 40mm BSP Top Housing	6
621478	MPV 4W / 5W 40mm M6 x 25 P/H S/S w S/W	7
122243B	Half Union 40mm C/W O ring Black	8
W02209BLK	B/U Locking Nut 1 1/2"/50mm Black	
W02210BLK	B/U P/End Slip / Slip 40mm Black	
W02213	O Ring 40mm B/U EPDM	
621455	Valve Teflon Ring 40mm MPV	9
621487	MPV 5 Way 40mm Spring 200	10
621479	O ring 40mm MPV 4W/5W 125 x 4	11
621486	MPV 5 Way 40mm Rotor w Gasket	12
621488	MPV 5 Way 40mm BSP Body Collar 7 bar MC	13
6214521	MPV 40mm Collar O Ring AS348	14
W02688	Diffuser 4 Way MPV 40mm	15
W02689	Sleeve 4 Way MPV 40mm	16
W02907	O Ring 40mm MPV Sleeve ID48X3 NBR 70SHR	17
621381	MPV 40mm / 50mm Sight Glass Waterco	17
621341	MPV 40mm / 50mm Sight Glass Waterco	18
64449B	B/U Plain End Slip / Slip 50mm Metric BLK E	19



1½"/ 50mm Thread Type

Product Code: 22804416EUM

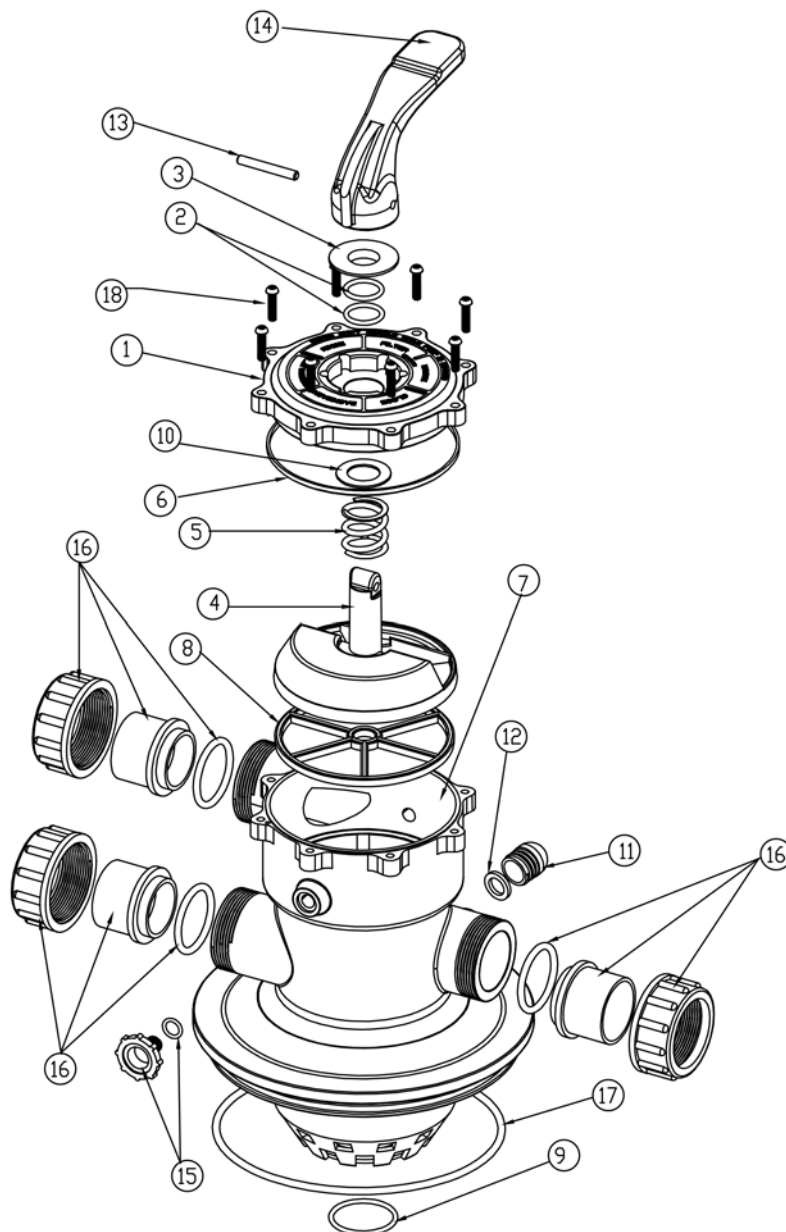
Part Number	Product Description	Diagram No.
6214511	MPV 1½"/50mm Handle	1
621111	MPV 1½"/50mm Handle Pin	2
6214520	MPV 1½"/50mm Washer Top Cover MK3 WCO	3
621457	MPV 1½"/50mm Axel O'Ring AS214 (K) Qty 2 required)	4
6214672	MPV 1½" 6W T/Cvr MK2	5
6214550	MPV 1½"/50mm Washer Rotor Axle MK3 WCO	6
621454	MPV 1½"/50mm Top Cover Gasket	7
621456	MPV 1½"/50mm Spring	8
6214582	MPV 1½" Rotor W GSK MK2	9
6214411	MPV TM 1½" Body 6W E/T MK3	10
621381	MPV 2"/63mm Sight Glass	11
621341	MPV 2"/63mm Sight Glass Gasket	12
W02068	Top Cvr O'Ring P-145	13
620221	Air Relief VLV NEW-B	14
W22567	Bolt M6X35P/H M/C A2 (Qty 8 required)	15
W12783	Washer M6 Spring SS304 (Qty 8 required)	16
W22040	Nut Hex M6 S/S304 (Qty 8 required)	17
122243B	H/Union 1½"/50mm w O'Ring - Black (Qty 3 required)	18
W02691	O'Ring 40mm 4W AS225	19
64449B	B/U P/End 50MET - Black E (Qty 3 required)	20



1½"/ 50mm Collar Type

Product Code: 2280443EUM

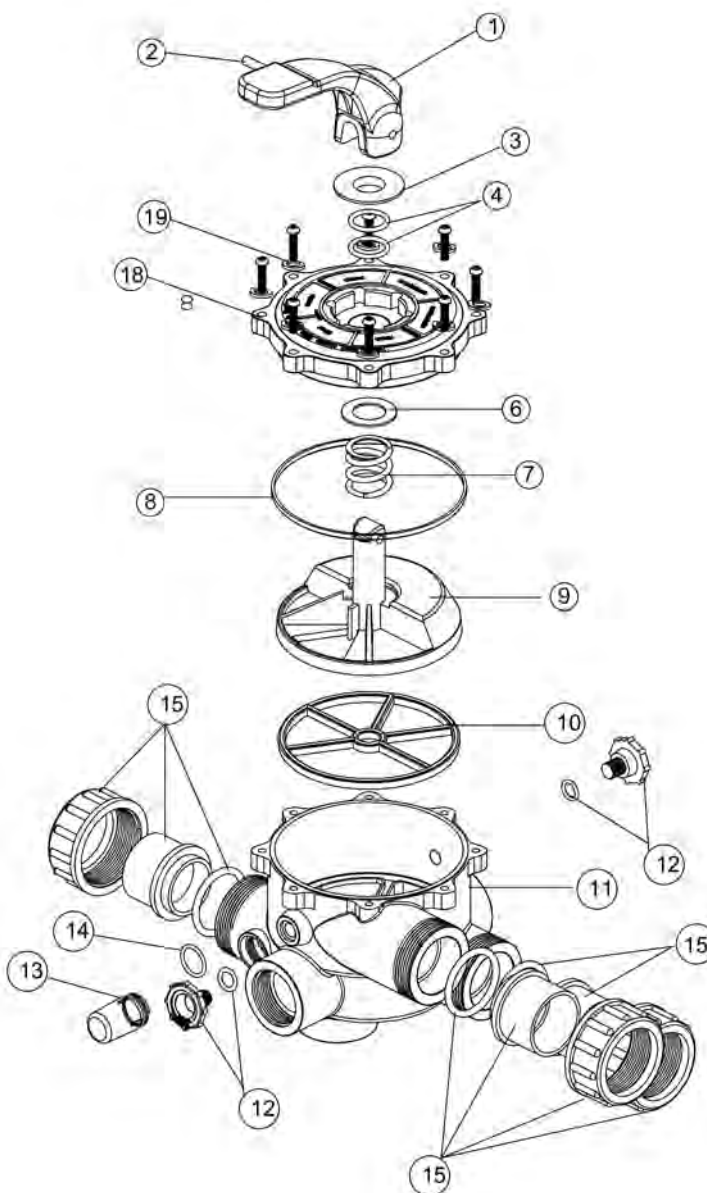
Part Number	Product Description	Diagram No.
6214672	MPV 1½" 6 Way Top Cover MKII	1
621457	MPV 40mm Axel O'Ring AS214 Qty 2 required)	2
6214520	MPV 40mm Teflon Ring	3
621458	MPV 40mm Rotor	4
621456	MPV 40mm Spring	5
621454	MPV 40mm Top Cover Gasket	6
621443	MPV TM 40mm Collar Body Assy Ext THRD	7
6214601	MPV 40 TP40Spider GSK WM 6 WY Top Cover MKII	8
W02691	O'Ring 40mm 4W AS225	9
621455	Valve Teflon Ring - 40mm MPV	10
621381	MPV 2" Sight Glass	11
621341	MPV 2" Sight Glass Gasket	12
621111	MPV 1½"/50mm Handle Pin	13
6214511	MPV 40/50/60mm Handle Extron	14
620221	Air Relief Valve New Style - Black	15
122243B	H/Union 1½"/50mm w O'Ring - Black (Qty 3 required)	16
W02933	10" Side Mount Lid 'O' Ring	17
W02758	MPV 6 Way 40mm Screw 1/4"X28 P/H M/C wS/W (Qty 8 required)	18
122245B	Half Union 50mm & Nut c/w O-Ring Black (Metric) (Qty 3 required)	16



1½"/ 50mm MPV

Product Code: 2290422

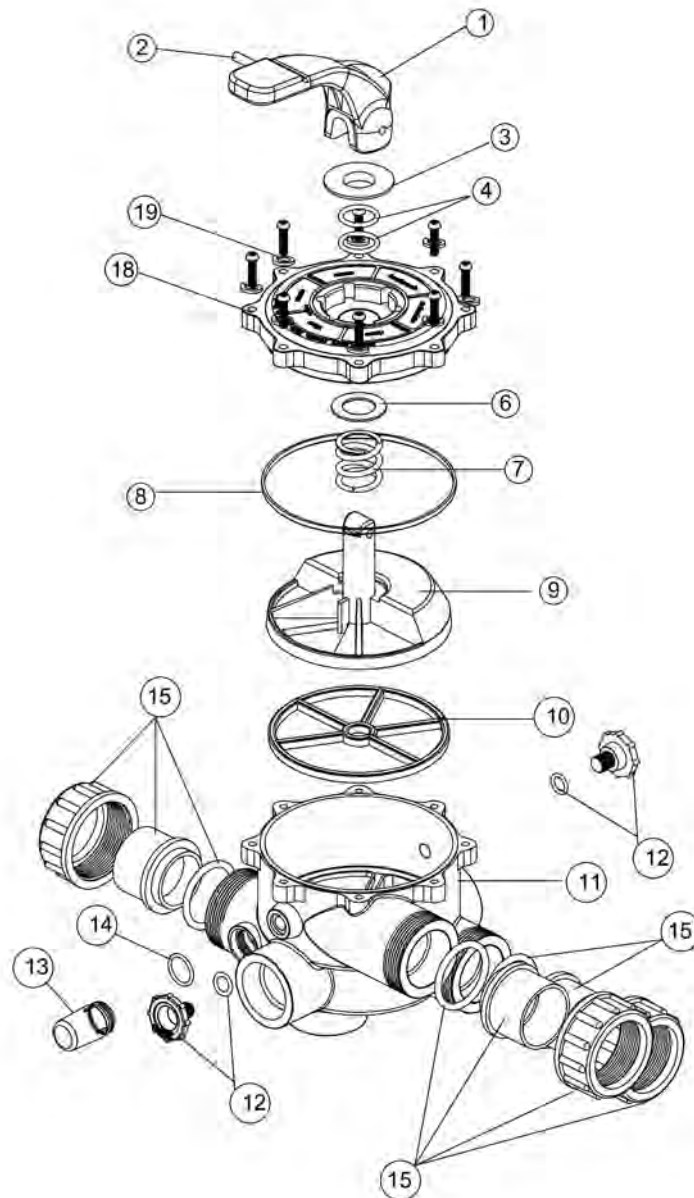
Part Number	Product Description	Diagram No.
621514	MPV 40mm Handle	1
621111	MPV 40mm /50mm Handle Pin	2
6214520	MPV 40mm Teflon Ring	3
6214572	MPV 40mm Axel O'Ring (Qty 2 required)	4
621455	Valve Teflon Ring 40mm MPV	6
6214562	MPV 40mm Spring	7
621454	MPV 40mm Top Cover Gasket	8
621458	MPV 40mm Rotor	9
621460	MPV TM 40mm Spider Gasket	10
6214604	MPV SM Body 40mm SF Male/Female BSP	11
620221	Air Relief Valve New Style - Black (Qty 2 required)	12
621463	MPV 1 1/2" Sight Glass	13
621462	MPV 40mm Sight Glass Gasket	14
122243B	H/Union 1 1/2" W/O'Ring SM MPV (Qty 3 required)	15
122245B	Half Union 50mm & Nut c/w O-Ring Black (Metric) (Qty 3 required)	15
621467	MPV 40mm 6 Way Top Cover 4 languages	18



1½"/ 50mm Bead Filter

Product Code: 229042

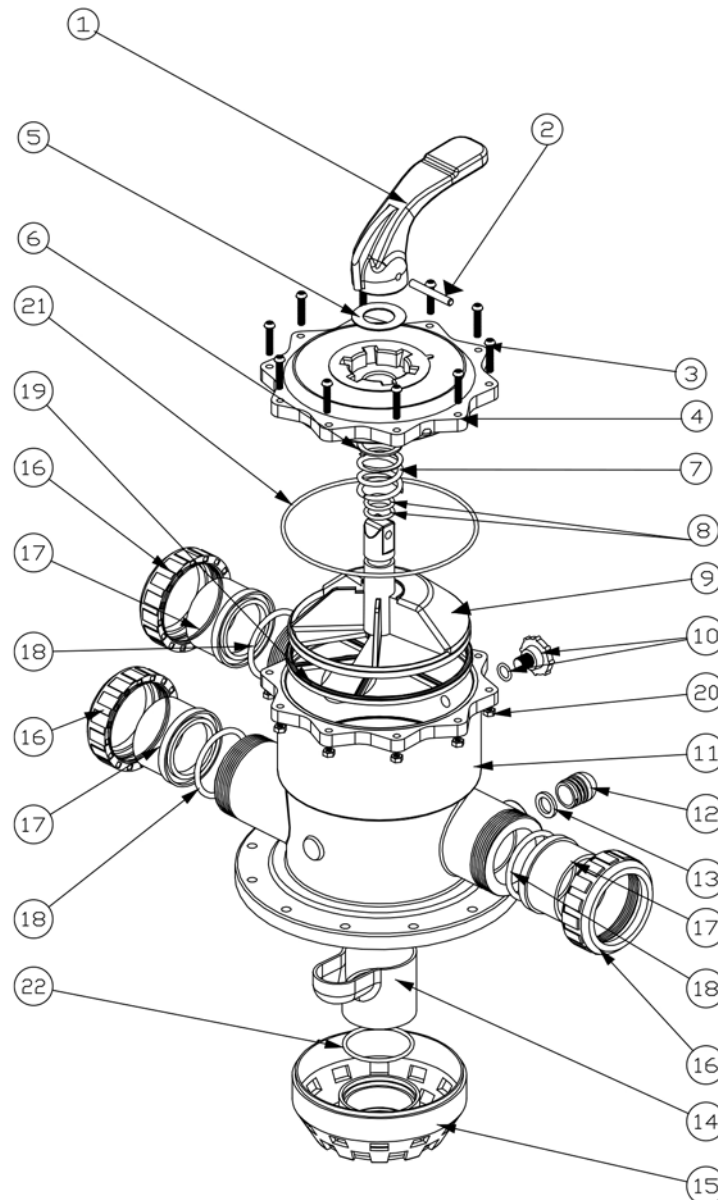
Part Number	Product Description	Diagram No.
6214511	MPV 40mm Handle	1
621111	MPV 40mm/50mm Handle Pin	2
6214520	MPV 40mm Teflon Ring	3
6214572	MPV 40mm Axel O'Ring (Qty 2 required)	4
621455	Valve Teflon Ring 40mm MPV	6
6214562	MPV 40mm Spring	7
621454	MPV 40mm Top Cover Gasket	8
621458	MPV 40mm Rotor	9
621460	MPV TM 40mm Spider Gasket	10
6214604	MPV SM Body 40mm SF Male/Female BSP	11
620221	Air Relief Valve New Style - Black (Qty 2 required)	12
621463	MPV 40mm Sight Glass	13
621462	MPV 40mm Sight Glass Gasket	14
122243B	H/Union 1½" W/O'Ring SM MPV (Qty 3 required)	15
122245B	H/Union 1½" W/O Ring MPV Metric (Qty 3 required)	15
621467	MPV 40mm 6 Way Top Cover MKII	18



2"/ 63mm 12 - Stud Bolt-on Type

Product Code: 228053EURO

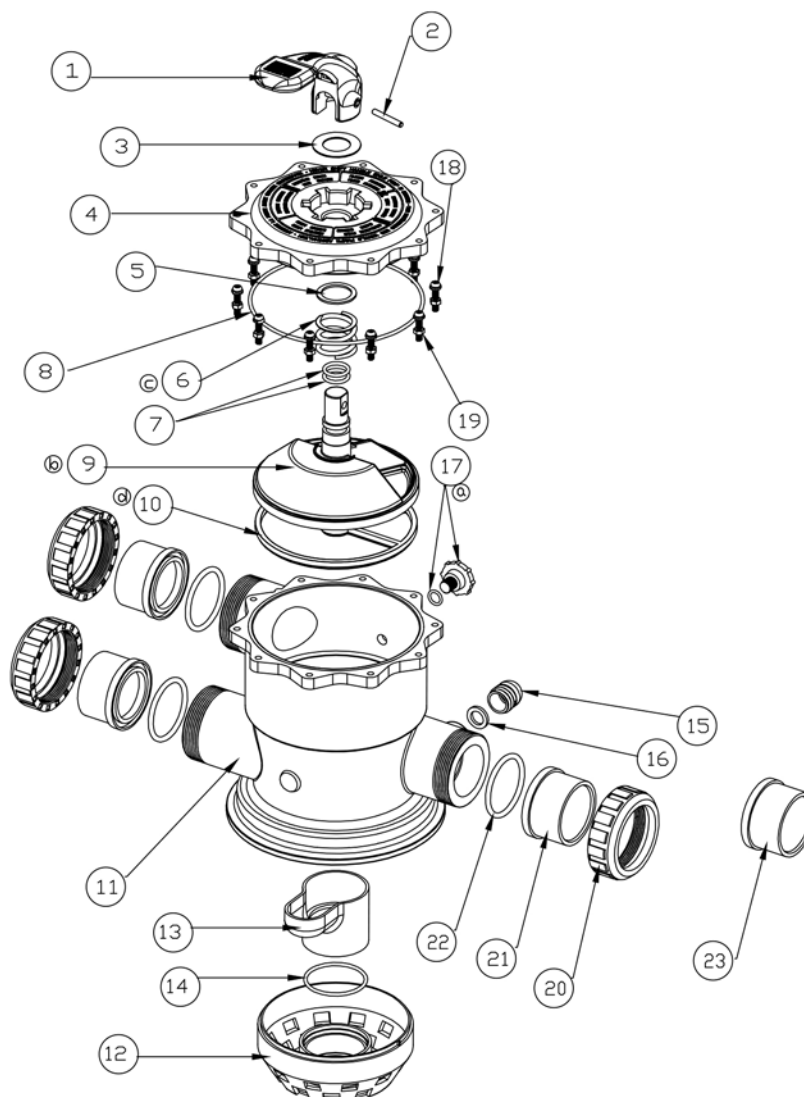
Part Number	Product Description	Diagram No.	LIST PRICE
6214511	MPV 2"/63mm Handle Extron	1	
621111	MPV 2"/63mm Handle Pin	2	
6211303	MPV 2"/63mm Lid MK2 WCO M/C	4	
621181	MPV 2"/63mm Spring	7	
621201	MPV 2"/63mm Valve Axle O'Ring (Qty 2 required)	8	
621231	MPV 2"/63mm Rotor	9	
620221	Air Relief Valve New Style - Black	10	
W02617	MPV 2"/63mm Body 12 Stud Male	11	
621381	MPV 2" Sight Glass	12	
621341	MPV 2"/63mm Sight Glass Gasket	13	
W02626	MPV 2"/63mm Adapter	14	
W02625	MPV 2"/63mm Diffuser	15	
W02083BLK	B/U Locking Nut 2"/63mm - Black (Qty 3 required)	16	
W02081BLK	B/U P/end Half Union 2"/63mm - Black	17	
W02280	O'Ring 2"/63mm B/U Nitrile (Qty 3 required)	18	
621261	MPV 2"/63mm Spider Gasket (Qty 3 required)	19	
W02624	Nut Hex M6 Brass NI/Plated (Qty 10 required)	20	
621151	MPV 2"/63mm Top O'Ring	21	
621320	MPV 2"/63mm Diffuser O'Ring	22	



2"/ 63mm Clamp Type 8

Product Code: 228058EUM

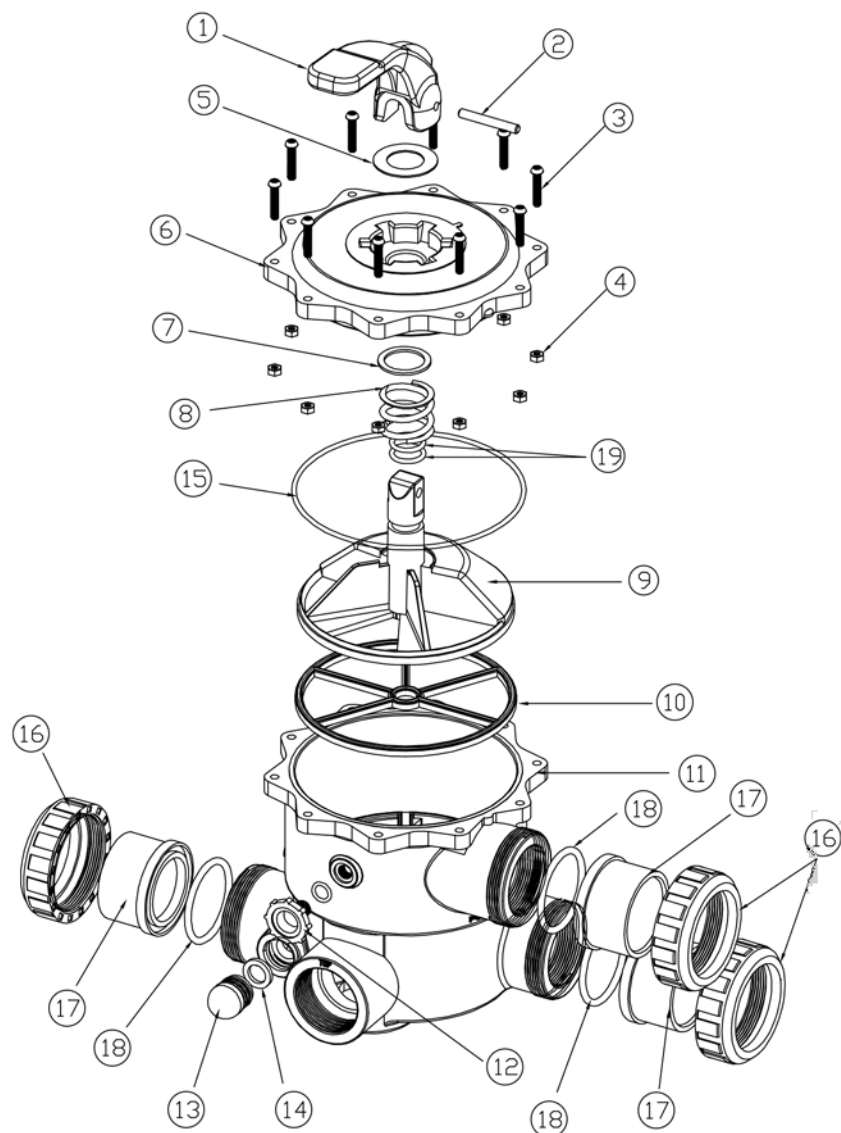
Part Number	Product Description	Diagram No.
6214511	MPV 2"/63mm Handle Extron	1
621111	MPV 2"/63mm Handle Pin	2
6211303	MPV 2"/63mm Lid MK2 WCO M/C	4
621183	MPV 2"/63mm Spring 3.5 Coil Wire DIA 5.5mm	6
621201	MPV 2"/63mm Valve Axle O'Ring (Qty 2 required)	7
621151	MPV 2"/63mm Top O'Ring	8
621237	Rotor & Gasket 70 Shore A MPV 2" / 63mm MKII WCO	
W32020	MPV 2"/63mm Rotor MKII M/C	9
W32230	MPV 2"/63mm Spider Gasket 70 shore MKII	10
621305	MPV TM 2" / 63mm Body Assy 8" Clamp MKII WCO	
W44511	MPV 2"/63mm Body 8" Clamp MKII M/C	11
W22480	MPV 2"/63mm Diffuser MKII	12
W22481	MPV 2"/63mm Adapter MKII	13
621320	MPV 2"/63mm Diffuser O'Ring	14
621381	MPV 2"/63mm Sight Glass	15
621341	MPV 2"/63mm Sight Glass Gasket	16
620221	Air Relief Valve New Style - Black (Qty 2 required)	17
W02624	Nut Hex M6 Brass NI/Plated (Qty 10 required)	19
W02083BLK	B/U Locking Nut 2"/63mm - Black (Qty 3 required)	20
W02081BLK	B/U P/end Half Union 2" - Black (Qty 3 required)	21
W02280	O'Ring 2"/63mm B/U Nitrile (Qty 3 required)	22
6340244B	B/U Plain End Half Union 63mm Metric - Black (Qty 3 required)	23



2"/ 63mm MPV

Product Code: 2290512EURO

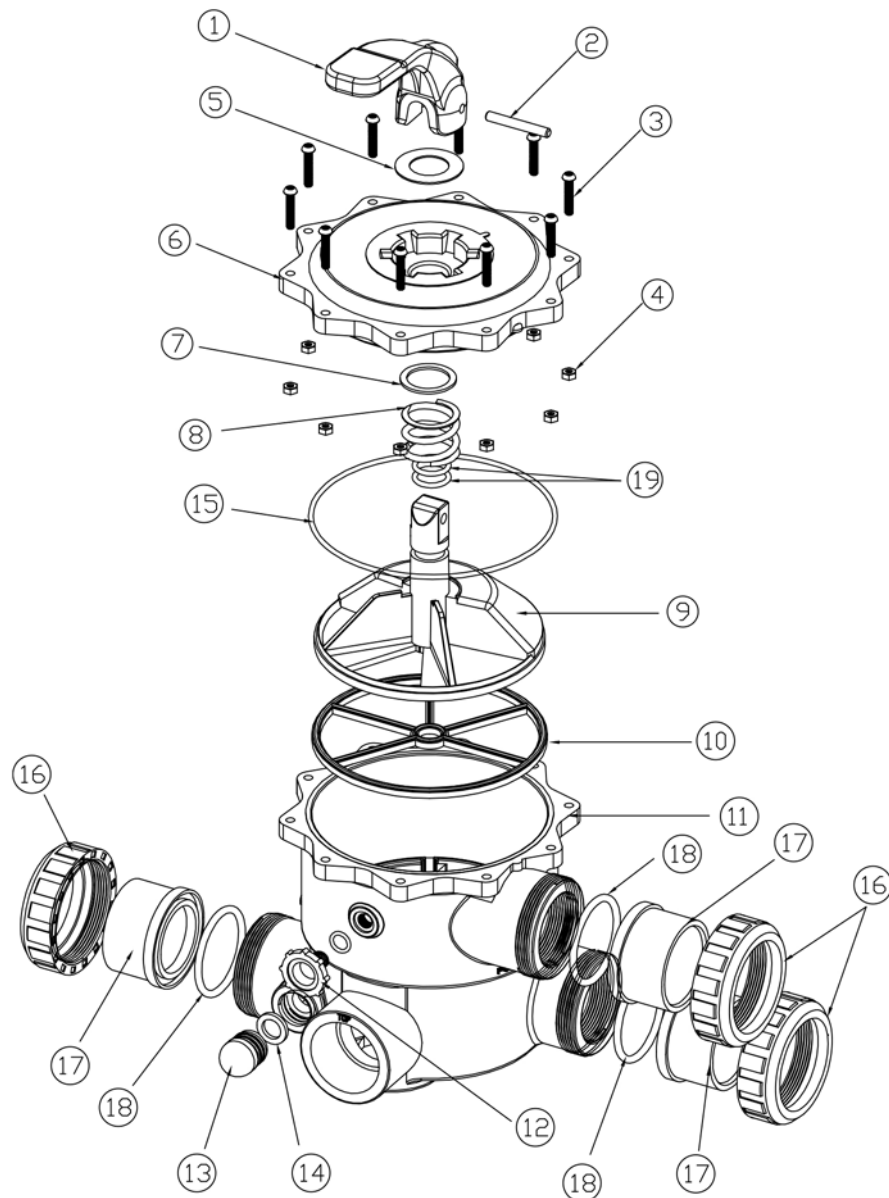
Part Number	Product Description	Diagram No.
6214511	MPV 40/50/63mm Handle Extron	1
621111	MPV 40mm / 50mm Handle Pin	2
W02624	MPV 50mm Lid Nut M6x30 W (Qty 10 required)	4
6211303	MPV 50mm Lid MKII WCO M/C	6
W02628	MPV 50mm Rotor Washer Sml	7
621181	MPV 50mm Spring W	9
621231	MPV 50mm Rotor	9
W12040	MPV SM50mm Body SF INT THRD	11
W22658	MPV SM50mm Body DE INT THRD	11
620221	Air Relief Valve New Style - Black (Qty 2 required)	12
621381	MPV 50mm Sight Glass	13
621151	MPV 50mm Top O'Ring	15
W02083BLK	B/U Locking Nut 2" - Black (Qty 3 required)	16
W02081BLK	B/U P/End Half Union 2" - Black (Qty 3 required)	17
6340244B	B/U P/End Half Union 63mm Metric - Black (Qty 3 required)	17
W02280	O'Ring 50mm B/U Nitrile (Qty 3 required)	18
621201	MPV 50mm Valve Axle O'Ring (Qty 2 required)	19



2"/ 63mm Bead Filter MPV

Product Code: 229052

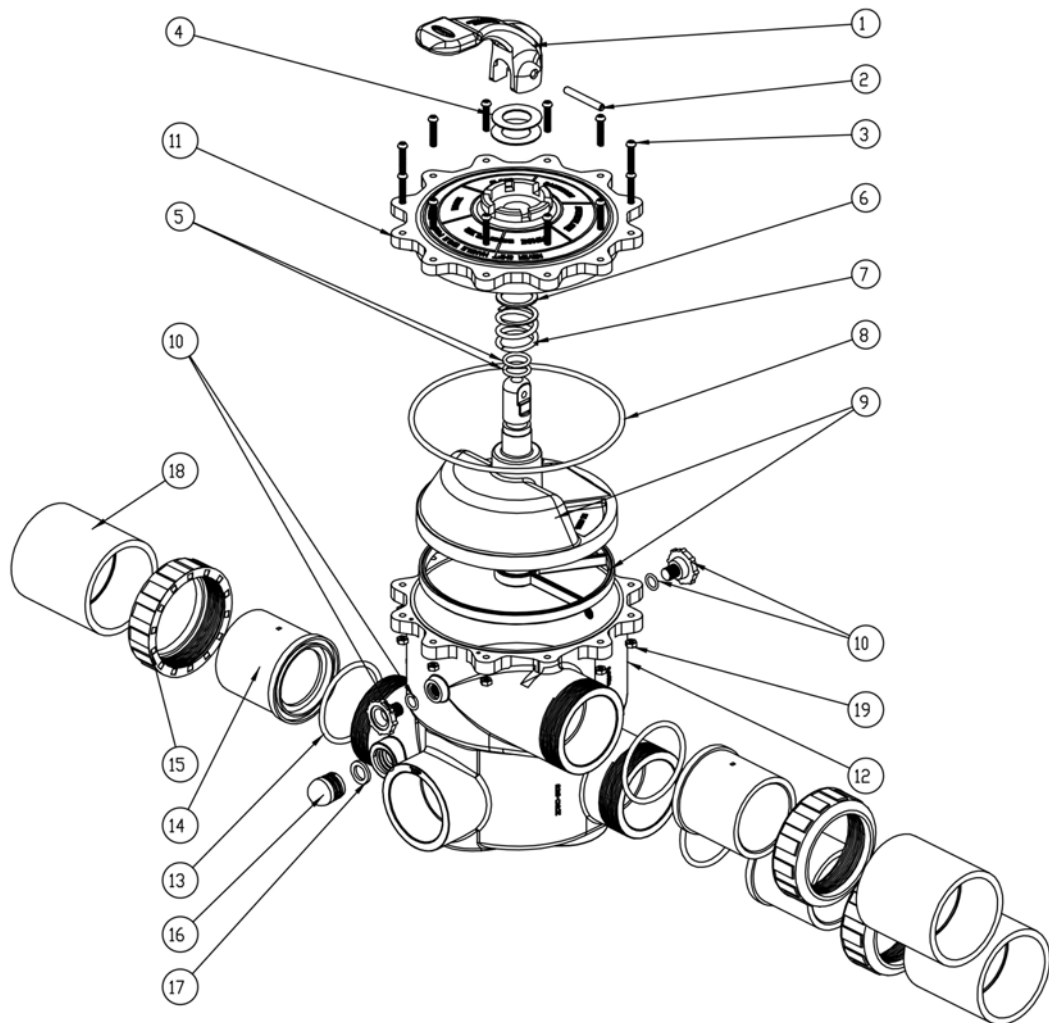
Part Number	Product Description	Diagram No.
6214511	MPV 40/50/63mm Handle Extron	1
621111	MPV 40mm / 50mm Handle Pin	2
W02624	Nut Hex M6 Brass NI/Plated (Qty 10 required)	4
6211303	MPV 50mm Lid MKII WCO M/C	6
W02628	MPV 50mm Rotor Washer Sml	7
621181	MPV 50mm Spring	8
621231	MPV 50mm Rotor	9
621261	Spider Gasket	10
W02682	MPV 50mm Body Slip Fit SF	11
W02683	MPV 50mm Body Slip Fit DE	11
620221	Air Relief Valve New Style - Black (Qty 2 required)	12
621381	MPV 50mm Sight Glass	13
621341	MPV 50mm Sight Glass Gasket	14
621151	MPV 50mm Top O'Ring	15
W02083BLK	B/U Locking Nut 2" - Black (Qty 3 required)	16
W02081BLK	B/U P/End Half Union 2" - Black (Qty 3 required)	17
W02280	O'Ring 50mm B/U Nitrile (Qty 3 required)	18
621201	MPV 50mm Valve Axle O'Ring (Qty 2 required)	19



2 1/2" / 75mm Side Mount MPV

Product Code: 2290501

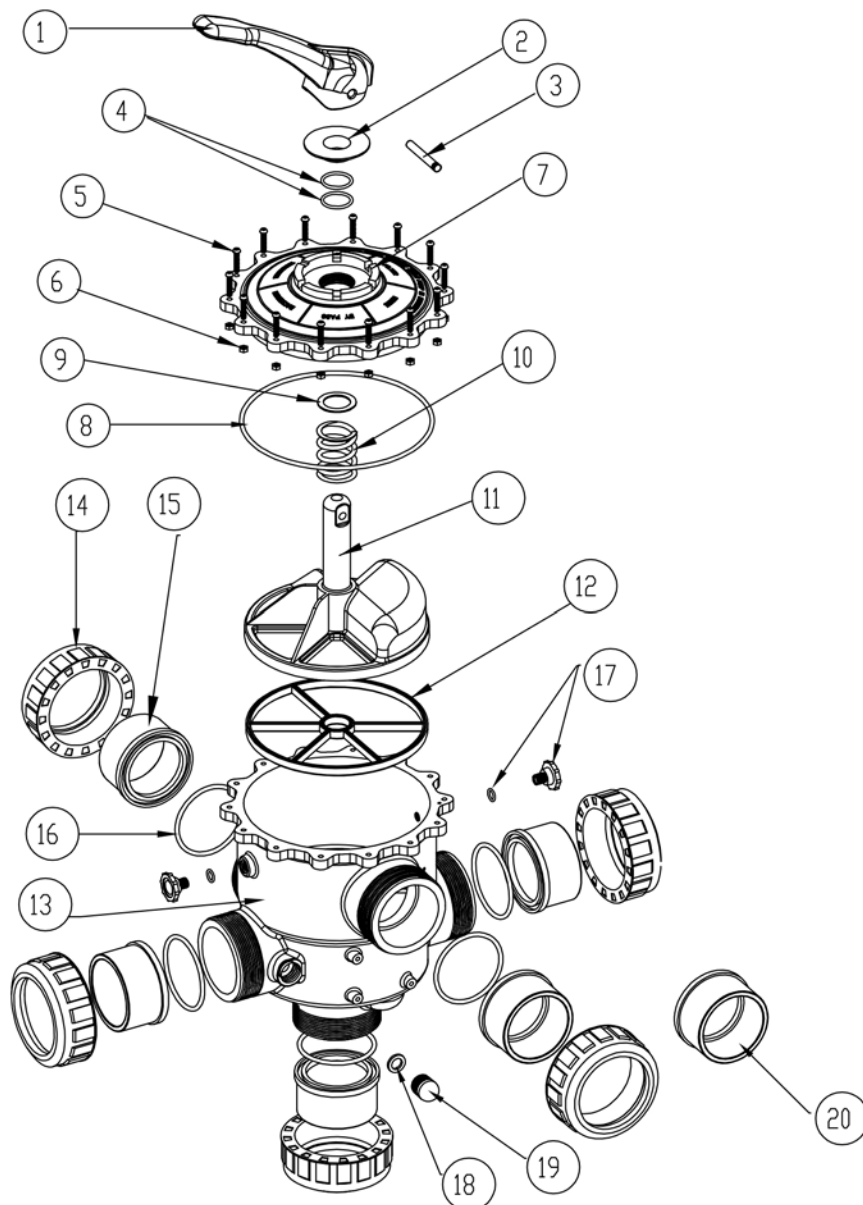
Part Number	Product Description	Diagram No.
6214511	MPV 40/50/63mm Handle Extron	1
621111	MPV 40mm/50mm Handle Pin	2
W12109	Screw (Qty 12 required)	3
W02627	Teflon Washer (Qty 2 required)	4
621201	Axial O'Ring (Qty 2 required)	5
W02628	W02628 Teflon Washer	6
621182	Spring	7
621152	Lid O'Ring	8
621233	Rotor W/Gasket	9
621235	Spider Gasket	9
620221	Air Relief Valve New Style - Black (Qty 2 required)	10
6211302	Lid	11
6213021	Body	12
63406565EBLK	Half Union Assembly c/w O'ring	13,14,15
621381	Sight Glass	16
621341	Sight Glass Gasket	17
12780	Coupling 3"	18
W02624	Nickle Plate Nut	19



3"/ 90mm Side Mount MPV

Product Code: 2290900

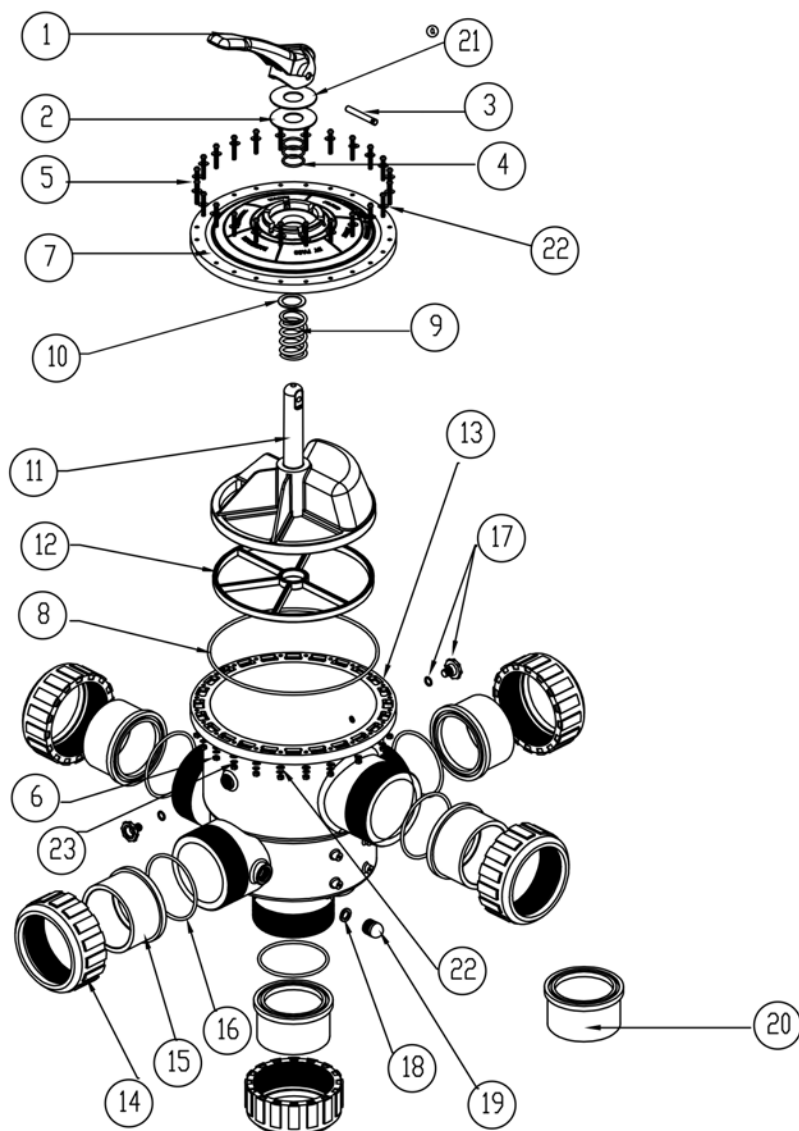
Part Number	Product Description	Diagram No.
621100	MPV 80mm Handle	1
621193	MPV 80mm Sleeve	2
6211020	MPV 80mm Handle Pin	3
621202	O'Ring BS220 MPV80 Axel (Qty 2 required)	4
W12109	MPV 50/65/80mm Lid Bolt (Qty 14 required)	5
W02624	MPV 50mm Lid Nut M6x30 W (Qty 14 required)	6
6211310	MPV 80 Lid P/Print	7
621142	O'Ring G245 MPV 80mm Lid	8
6211060	MPV 80mm Washer	9
621192	MPV 80mm Spring 90LBS	10
621243	MPV 80mm Rotor	11
621272	MPV 80mm Spider Gasket	12
621293	MPV SM80mm Body	13
634080BLK	Half Union 80mm W/O'Ring - Black (Qty 5 required)	
W02253BLK	B/U Locking Nut 80mm - Black (Qty 5 required)	14
W02255BLK	B/U Plain End Half Union 80mm - Black (Qty 5 required)	15
W02249	O'Ring 80mm B/U EDPM (Qty 5 required)	16
620221	Air Relief Valve New Style - Black (Qty 2 required)	17
621341	Sight Glass Gasket	18
621381	MPV 50mm Sight Glass	19
W02255EBLK	B/U P/End 90MET - Black (Qty 5 required)	20



4" / 110mm Side Mount

Product Code: 2291100

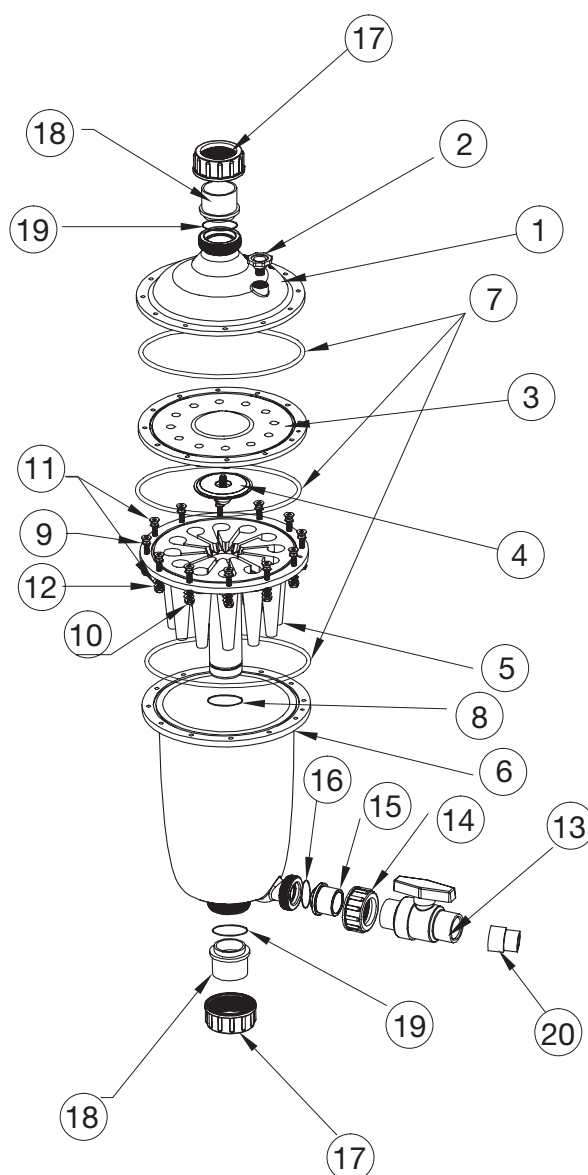
Part Number	Product Description	Diagram No.
621100	MPV 80mm Handle Waterco	1
621193	MPV 80mm Sleeve Waterco	2
6211020	MPV 80mm Handle Pin Waterco	3
621202	'O' Ring BS220 MPV 80 Axel	4
W12781	Bolt M6 x 50mm Hex Head SS304	5
W02624	Nut Hex M6 Brass NI/Plated	6
6211028	MPV 100mm Lid P/Printed Waterco	7
62110110	'O' Ring BS381 MPV 100mm Lid	8
62110150	MPV 100mm Spring Waterco	9
6211060	MPV 80mm Washer Waterco	10
62110220	MPV 100mm Rotor Waterco	11
62110130	MPV 100mm Spider Gasket Waterco	12
6211029	MPV SM100mm Body Waterco	13
6340801	Half Union 4" Black	14,15,16
12221009	B/U Lock Nut 4"/110mm Black	14
12221011	B/U Plain End 4"mm Black	15
W02553	'O' Ring 4"/110mm B/U Nitrile	16
620221	Air Relief Valve New Style Black	17
621341	MPV 50mm Sight Glass Gasket W	18
621381	MPV 50mm Sight Glass W	19
12221008	B/U P/End Slip 110mm Metric Black	15



MultiCyclone 12 Centrifugal

Product Code: 200374

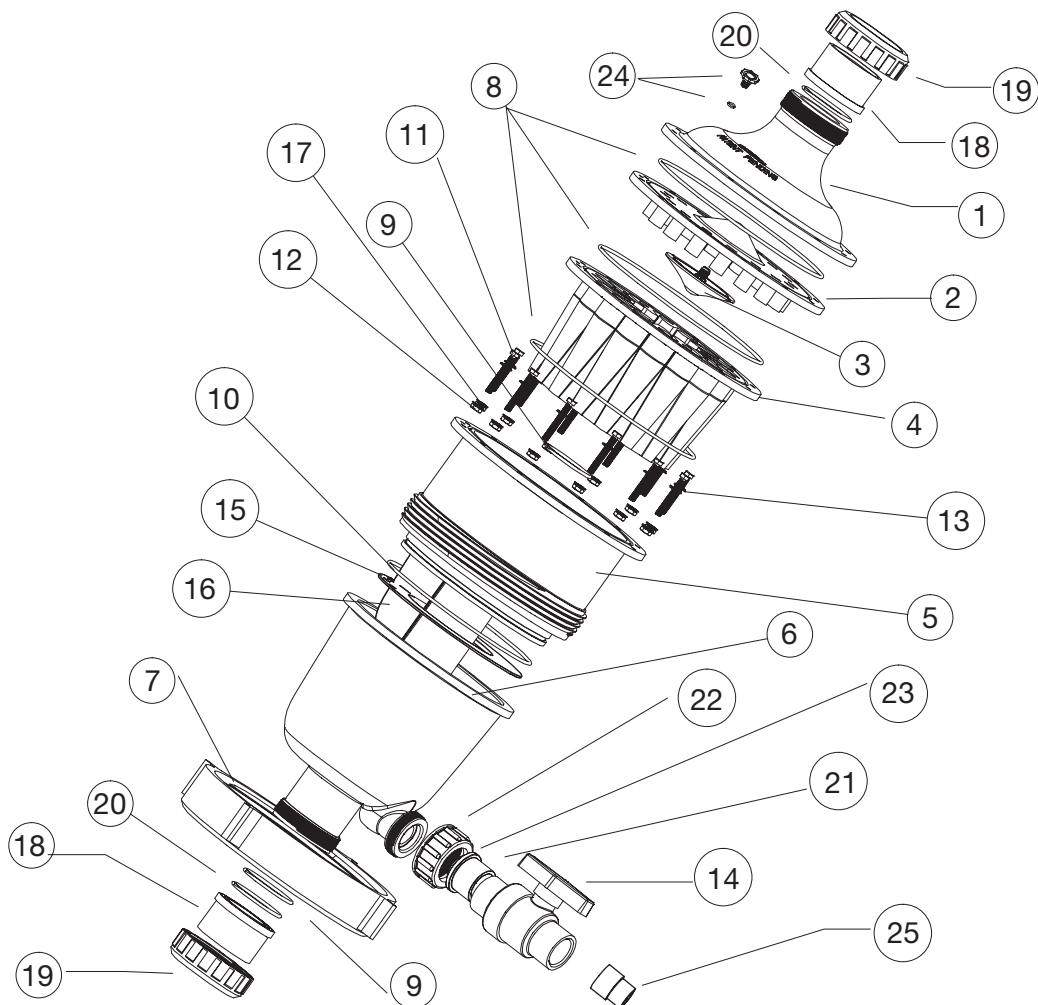
Part Number	Product Description	Diagram No.
613130	Multicyclone Collector 40mm Blank	1
620221	Air Relief Valve New Style Blk	2
W22282	Multicyclone Manifold Plate 12 Cyclone 40mm	3
W22283	Multicyclone Flow Director 40mm	4
61317	MultiCyclone Body 40mm 12 Cyclone	5
61312	MultiCyclone Sediment Bowl 40mm	6
61308	Body 'O' Ring BS268 3 per filter	7
S0614511	Body 'O' Ring BS224	8
W12781	Bolt M6 x 50mm Hex Head SS304 12 per filter	9
	Nut Hex M6 Brass Nickle Plated 12 per filter	10
W12782	Washer M6 Flat SS304 24 per filter	11
W12783	Washer M6 Spring SS304 12 per filter	12
140252	Compact Ball Valve 25mm Black	13
1222256	B/U Lock Nut 25mm Black	14
1222253	B/U P/End Half Union 25mm Black	15
644790	O Ring BS218	16
W02209BLK	B/U Locking Nut 50mm/1.5" Black	17
W02210BLK	B/U P/End Half Union 1.5" imperial Black	18
64449B	B/U P/End Half Union 50mm Metric Black	18
W32702-HBG	O Ring 50mm B/U EPDM	19
622432	Adaptor 1" to 32mm Metric	20



MultiCyclone 16 Centrifugal

Product Code: 200375

Part Number	Product Description	Diagram No.
613010	Multicyclone Collector Blank	1
61304	Multicyclone Manifold Plate Assembly	2 & 3
61303	MultiCyclone Separator	4
61300	Multicyclone Body	5
61302	Multicyclone Sediment Bowl	6
62024BLK	TCF Lock Ring Black	7
61308	O Ring BS268 3 per filter	8
W02469	O Ring AS228 2 per filter	9
61307	O Ring BS263	10
W12984	Bolt M6 x 45mm Hex Head SS304 12 per filter	11
	Nut Hex M6 Brass Nickle Plated 12 per filter	12
W12782	Washer M6 Flat SS304 24 per filter	13
140252	Compact Ball Valve 25mm Black	14
61306	Multicyclone Baffle Ring	15
61305	Multicyclone Partition	16
W12783	Washer M6 Spring SS304 12 per filter	17
W02081BLK	B/U P/End Half Union 2" imperial Black	18
6340244B	B/U P/End Half Union 63mm Metric Black	18
W02647BLK	T/L Lock Nut 2"/63mm New Black	19
W02280	O Ring 2"/63mm B/U	20
1222253	B/U Plain End Half Union 25mm Black	21
1222256	B/U Lock Nut 25mm Black	22
644790	O Ring BS218	23
620221	Air Relief Valve New Style Black	24
622432	O-Adaptor 1" to 32mm Metric Ring BS218	25

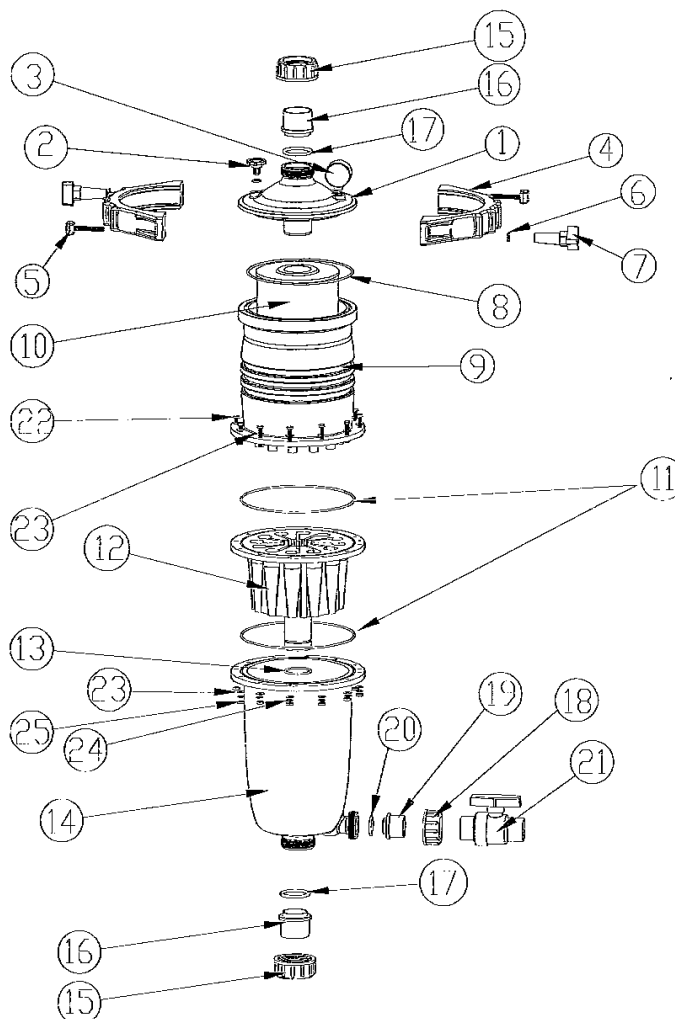


MultiCyclone 12 Plus / Ultra Cartridge Filter

Product Codes: 200380, 200382

Part Number	Product Description	Diagram No.
613140	Multicyclone Collector 40mm Clamp Type	1
620221	Air Relief Tap	2
621632	Pressure Gauge liquid 400kPa Bottom	3
6220202	Clamp Band (Qty 2 required)	4
622203	Screw Overmolded M8 x60 S/S A2 Hex Bolt (qty req. 2)	5
W22280	Washer Flat M8 Brass (Qty req. 2)	6
W02195TLJ	DE Knob w B/106 head (Qty req. 2)	7
W12612	O' Ring 4 x 200	8
61310	M/Cyclone Cartridge Housing MC12 (Plus)	9
61327	M/Cyclone Cartridge Housing MC12 (Ultra)	9
62451	M/Cyclone Plus Cartridge Element 40 sq ft (Plus)	10
62453	M/Cyclone ultra Cartridge Element 75 sq ft (Ultra)	10
61308	Body Ring 'O' Ring BS268 (Qty req. 2)	11
61317	Multicyclone separator MC12 Plus/Ultra	12
S0614511	O' Ring ID 1.75" x 2" DD (BS224)	13
61312	M/cyclone Sediment Bowl 40mm	14
122243B	1.5" Half union (imperial)	15,16,17
122245B	50mm Half union (metric)	15,16,17
122252	25mm/1" half union	18,19,20
140252	Compact Ball Valve	21
W12984	Bolt M6 x 45mm Hex Head SS304 (Qty req. 12)	23
W12782	washer M6 flat SS304 (Qty req. 24)	23,24
W12783	Washer M6 Spring SS304 (Qty req. 12)	23,25
W02624	Nut Hex M6 S/S304 (Qty req. 12)	
121325	25mm 90 Deg Elbow	N/S

For pressure gauges - see page 14 of main price list

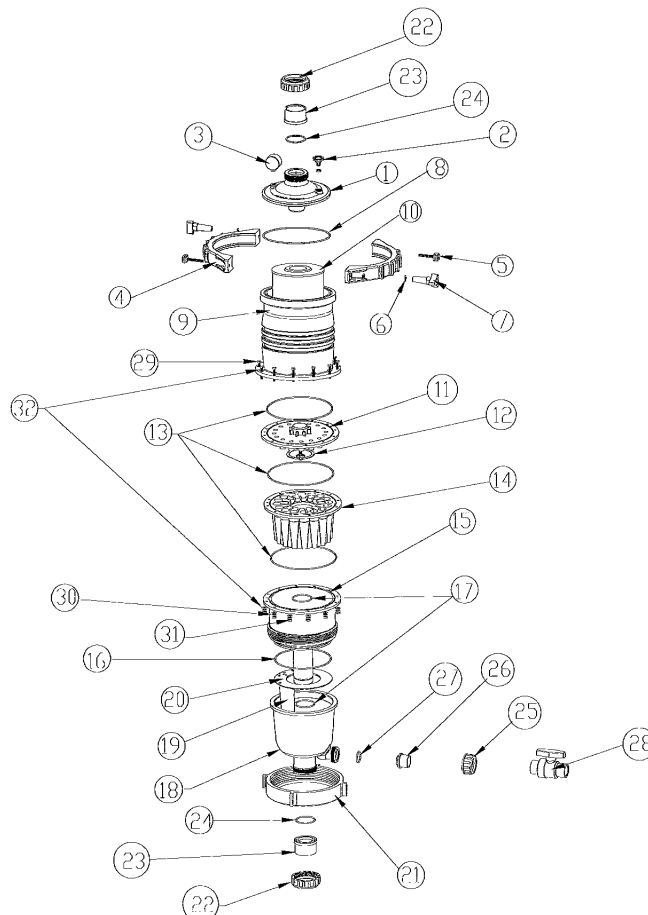


MultiCyclone 16 Plus / Ultra Cartridge Filter

Product Codes: 200381, 200383

Part Number	Product Description	Diagram No.
613150	Multicyclone Collector 50mm Clamp Type	1
620221	Air Relief Tap	2
W02703	Pressure Gauge Dry 400	3
6220202	Clamp Band (Qty req. 2)	4
622203	Screw Overmolded M8 x60 S/S A2 Hex Bolt (qty req. 2)	5
W22280	Washer Flat M8 Brass (Qty req. 2)	6
W02195TLJ	DE Knob w B/106 head (Qty req. 2)	7
W12612	O' Ring 4 x 200	8
61311	M/Cyclone Cartridge Housing MC16 Plus	9
61326	M/Cyclone Cartridge Housing MC16 Ultra	9
62451	M/Cyclone Cartridge Element 40 sq ft MC16 Plus	10
62453	M/Cyclone ultra Cartridge Element 75 sq ft MC16 Ultra	10
W22281	MC Manifold plate	11
W12972	MC16 flow director	12
61308	Body Ring 'O' Ring BS268 (Qty req. 3)	13
61303	M/Cyclone Separator	14
61300	M/Cyclone Se MC16 Body (grey)	15
61307	O ring BS263	16
W02469	O ring main drain AS228	17
61302	M/cyclone Sediment Bowl	18
61305	MC partition	19
61306	MC baffle ring	20
62024BLK	Lockring - black	21
6340245	2" Half union connection (imperial)	22,23,24
63402400	63mm Half union connection (metric)	22,23,24
1222252	1"/25mm Half union connection	25,26,27
140252	Compact Ball Valve	28
W12984	Bolt M6 x 45mm Hex Head SS304 (Qty req. 12)	29
W12783	Washer M6 Spring SS304 (Qty req. 12)	30
	Nut Hex M6 (Qty req. 12)	31
W12782	washer M6 Falt SS304 (Qty req. 24)	32
121325	25mm 90 Deg Elbow	N/S

For pressure gauges - see page 14 of main price list

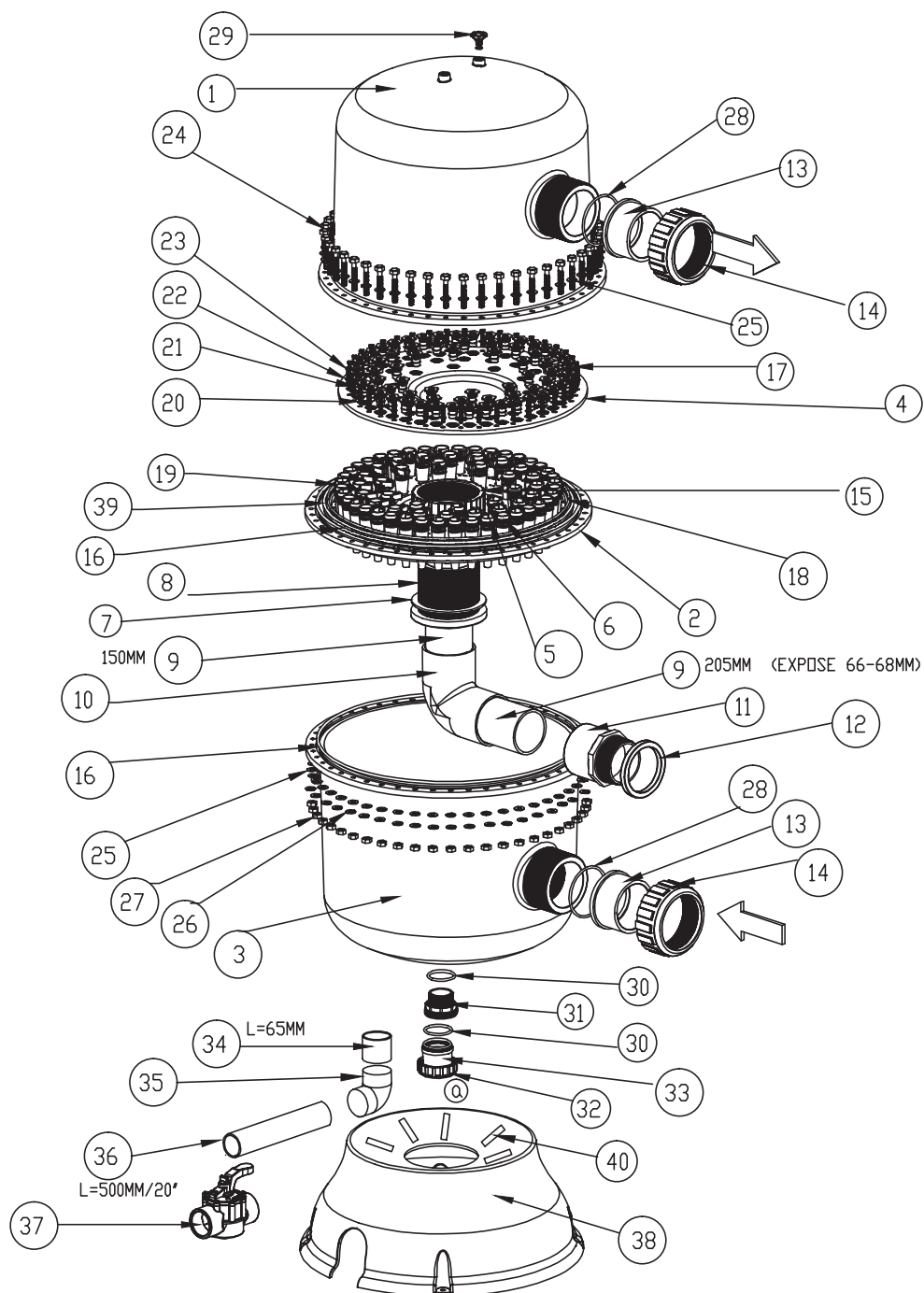


Multicyclone 70 XL Commercial

Product Code: 200393

Part	Product Description	Diagram No.
W22729	Top Shell Multicyclone 4" Grey	1
W22732	Cyclone Plate Multicyclone 4" Grey	2
W22730	Bottom Shell Multicyclone 4" Grey	3
W22503	Manifold Plate Multicyclone 4"	4
W22505	Cone Cyclone Standard LH	5
W22504	Cone Cyclone Standard RH	6
W02539	Gasket 100mm Bulkhead	7
W22648	Bulkhead Body 100mm 4" L= 93mm	8
W02138	Pipe 100mm x 6M Grey	9
W34026	Elbow 100mm Black BS	10
W22543	Male Valve Socket 4" (JIS)	11
W22544	Rubber Washer 4" Cyclone	12
12221011	Barrel Union Plain End 4" imperial Black	13
12221008	Barrel union plain end 110mm - metric	13
12221006	Locking Nut 100mm 4" Multicyclone	14
12221007	Bulkhead Body 100mm Black	15
W44059	O-Ring Jointed Dia 9 4" Multicyclone L= 2020mm	16
W22508	Spigot Multicyclone 4"	17
W22629	O-Ring BS392	18
W22627	O-Ring 27* 2.0	19
W22628	O-Ring BS009	20
W22626	O-Ring 20* 2.0	21
W12782	Washer M6 Flat SS304	22
W22654	Hexagon Bolt M6 35 SS304	23
W22750	Screw Hex M10 x 110mm SS304	24
W22651	Washer M10 COD=30 Thickness 2.5 SS304	25
W22414	Spring Washer M10 SS304	26
W32488	Nut Hex Long M10 x 45mm Brass Ni/Plated	27
W02553	O-Ring 110mm B/U Nitrile	28
620221	Air Relief Valve New Style Blk	29
W02280	O-Ring 63mm B/U Nitrile	30
W02154BLK	B/U Threaded End Thrd/Thrd 63mm Black	31
W02647BLK	T/L Lock Nut 63mm New Black	32
W02081BLK	B/U P/End Half Union 63mm Black	33
W02118	Pipe 63mm x 6M White	34
W22660	Elbow 90Deg 63mm Clear PVC	35
W22624	Pipe Clear PVC 63mm 3 Meter (SCH40)	36
148563	Waterco 63/75mm 2 Way Valve	37
W22509	Base Multicyclone 4"	38
W44058	O-Ring Jointed 4" Multicyclone L=1900mm	39
W01285	Butyl Tape 6 x 17mm x 10m	40

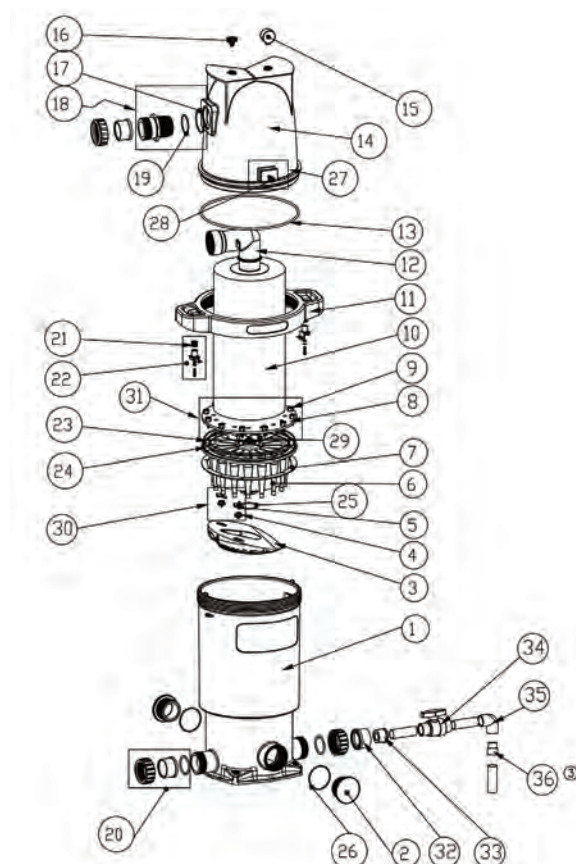
Multicyclone 70 XL Commercial



Multicyclone Duo

Product Codes: 200600EUM, 200601EUM

Part	Product Description	Diagram No.
8223433	Tank Multicyclone Duo	1
62352	Sight Glass 50mm Serration M/C Duo Set	2
613039	Plug Fairing Multicyclone Duo	3
W42631	Screw Overmolded M6 x 12 S/S316 Hex Bolt	4
W42647	Cover Bolt Multicyclone Duo / Opal Ultra	5
613038	Separator Multicyclone Duo	6
613056	Gasket Separator Multicyclone Duo	7
613048	Manifold Plate Multicyclone Duo	8
W42630	Screw Overmolded M6 x 30 S/S316 Hex Bolt	9
701051	Opal Cartridge Element 200SqFt 30 Micron	10
701052	Opal Cartridge Element 250SqFt 30 Micron	10
6202323	Lock Ring Multicyclone Duo / Opal Ultra	11
8223453	Elbow MC Duo 200SqFt long	12
8223452	Elbow MC Duo 250SqFt Short	12
620273	O-Ring BS456 NBR50	13
622322	Lid Multicyclone Duo 200/250 SqFt Long	14
621632	P R Gauge Liq 400KPA Bottom	15
620221	Air Relief Valve New Style Black	16
6340113	O-Ring BS234 NBR70	17
613099	Port Adaptor Multicyclone Duo	18
72591230	O-Ring BS230 Nitrile	19
122257BLK	T/L Half Union New Black	20
W42627	Spring Lock Plunger	21
6202514	Screw Set For MC Duo Lock Plungers	22
620194	O-Ring BS277	23
620195	O-Ring BS279	24
W42648	O-Ring BS228	25
W42649	O-Ring BS237	26
6340416	Screw Set For MC Duo Lifting Lugs	27
W42629	Overmolded Bolt M8	28
W12972	Multicyclone Flow Director	29
6340418	Screw Set For MC Duo Plug Fairing	30
6340417	Screw Set For MC Duo Cyclone Plates	31
W02648BLK	T/L Tail End 50x40mm New Black	32
125432	Reducing Bush 40 x 25mm Black	33
140252	Compact Ball Valve 25mm Black	34
1213252	Elbow 90 Degree 25mm Black	35
622432	Adaptor 1" to 32mm Metric	36

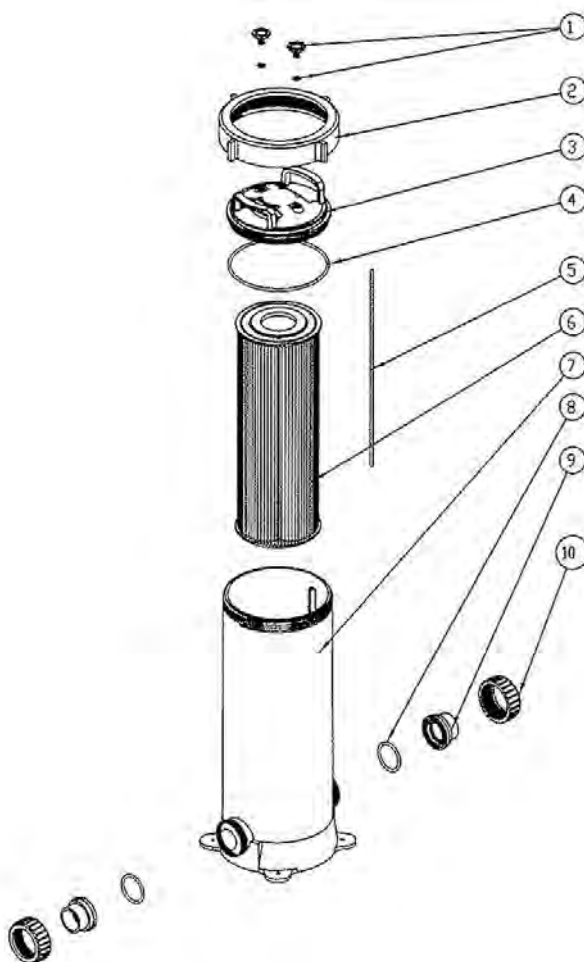


Trimline Cartridge Filters

Product Codes: 21450EU, 21475EU, 214100EU

Part Number	Product Description	Diagram No.
620221	Air release valve MK2	1
62024BLK	Lock ring Mk3 (5 threads)	2
62025 - 0501	Lid c/w o ring MK3 - Pewter colour 6 bar	3
62026	Lid o ring MK3	4
W02547	Air bleed C25	5
W02548	Air bleed CC50	5
W02549 (17100)	Air Bleed CC50/CC75	5
W02550	Air bleed C75/CC100	5
62048	Cartridge CC50	6
62049	Cartridge CC75	6
62050	Cartridge CC100	6
62021	Lid O Ring MK2	3
W02541PEW	Body C25	7
W02542PEW	Body CC50	7
W02543PEW	Body C50/CC75	7
W02544PEW	Body C75/CC100	7
122256BLK	2" x 50mm Half union	8+9+10
122257BLK	1 1/2" / 2" Half union	8+9+10
W02280	Union o ring 1 1/2" / 2" MK2	8
6340246BLK	2" x 50mm Tail end	9
W02647BLK	Lock nut	10

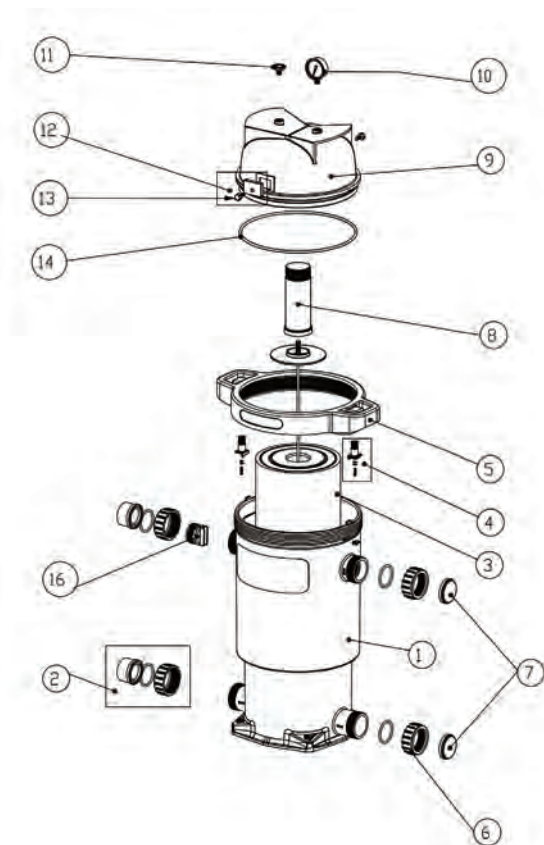
For pressure gauges - see page 14 of main price list



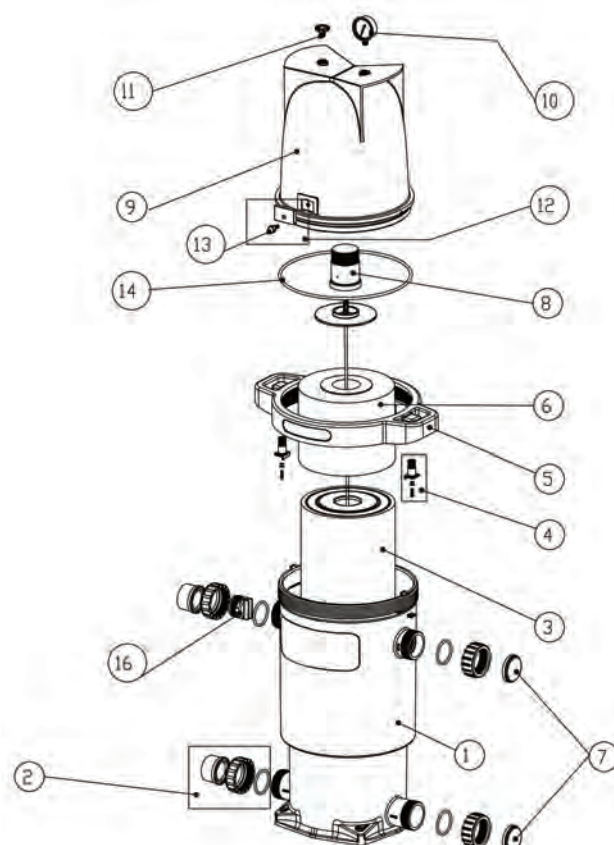
Opal Ultra Cartridge Filter

Product Codes: 2182005EUM, 2182505EUM, 2183005EUM & 2183505EUM

Part Number	Product Description	Diagram No.
8223434	Tank Opal Ultra	1
122257BLK	T/L Half Union New Black	2
701051	Opal Cartridge Element 200SqFt 30 Micron	3
701052	Opal Cartridge Element 250SqFt 30 Micron	3
6202514	Screw Set For MC Duo Lock Plunger	4
6202323	Lock Ring Multicyclone Duo / Opal Ultra	5
701050	Opal Cartridge Element 100SqFt 30 Micron	6
W42639	End Cap 50mm Opal Ultra	7
613054	Spigot Opal Ultra Short	8
613055	Spigot Opal Ultra Long	8
622323	Lid Opal Ultra 200/250SqFt Short	9
622324	Lid Opal Ultra 300 / 350 sq ft long	9
621632	PR Guage LIQ 400KPA Bottom	10
620221	Air Relief Valve New Style Black	11
6340416	Screw Set For MC Duo Lifting Lugs	12
W42629	Overmoulded Bolt M8	13
620273	O'Ring BS456 NBR50	14
62268	Fulflo Inlet Baffle 50mm	16



2182005EUM, 2182505EUM



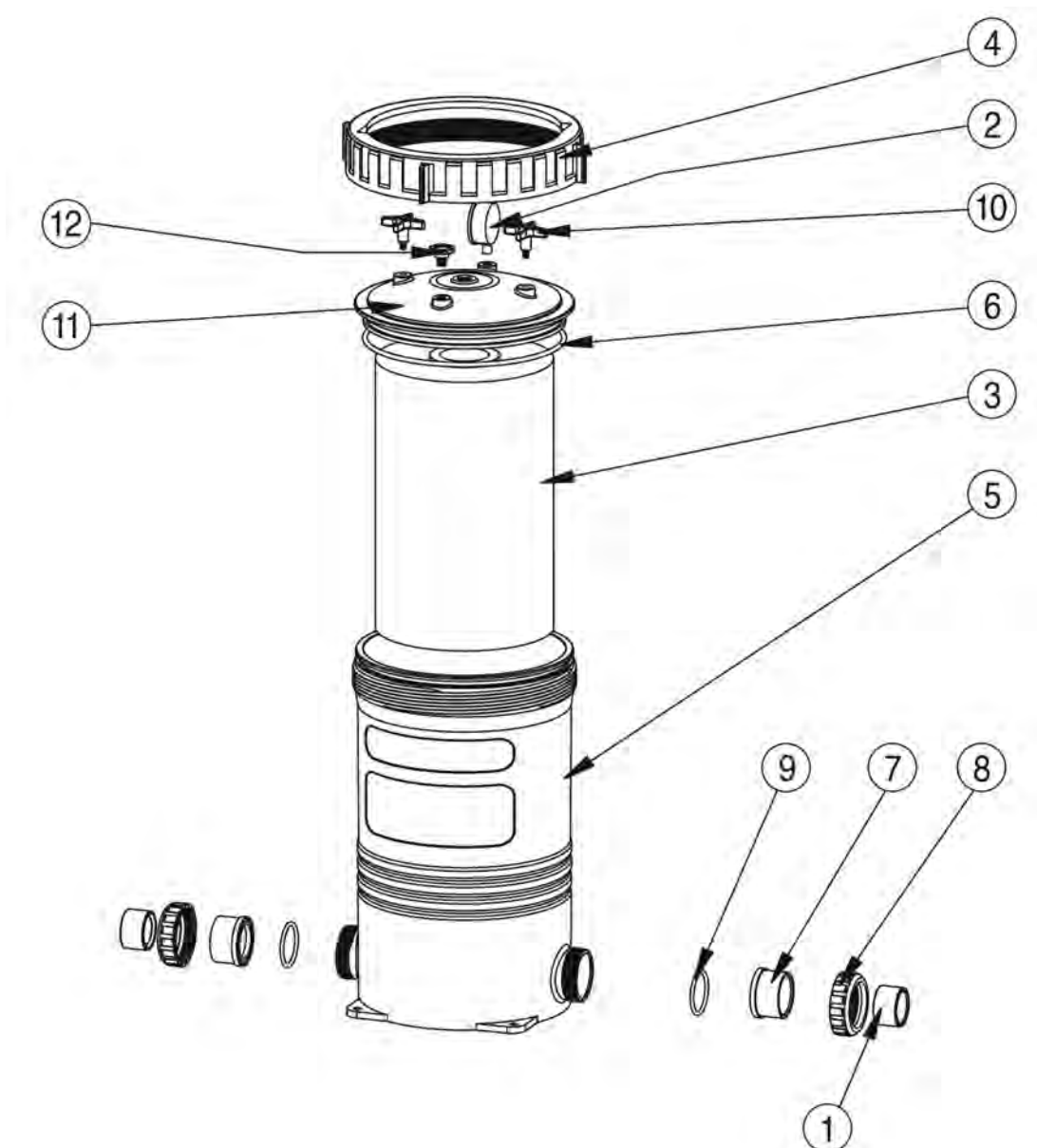
2183005EUM & 2183505EUM

Opal Cartridge Filters

Product Codes: 2171350EUM, 2171800EUM

Part Number	Product Description	Diagram No.
12555BLK	Reducing bush 50 x 40mm Black	1
701033	Filter cartridge 120 sqft	3
701039	Filter cartridge 135 sqft	3
701034	Filter cartridge 150 sqft	3
701038	Filter cartridge 180 sqft	3
AXFI0100	Opal tank lock ring	4
AXFI011PEW	Opal pewter tank only 3.5 bar	5
620271	ORING OPAL LID (P280 279.5 X 8.4)	6
AXFI014	Opal black union tail	7
AXFI016	Opal black lock ring	8
AXFI018	Opal union o'ring	9
W02629	Opal handle (2 per filter)	10
AXFI0083	Opal lid only (5mm smaller in diameter than AXFI081)	11
620221	Air relief valve	12

For pressure gauges - see page 14 of main price list

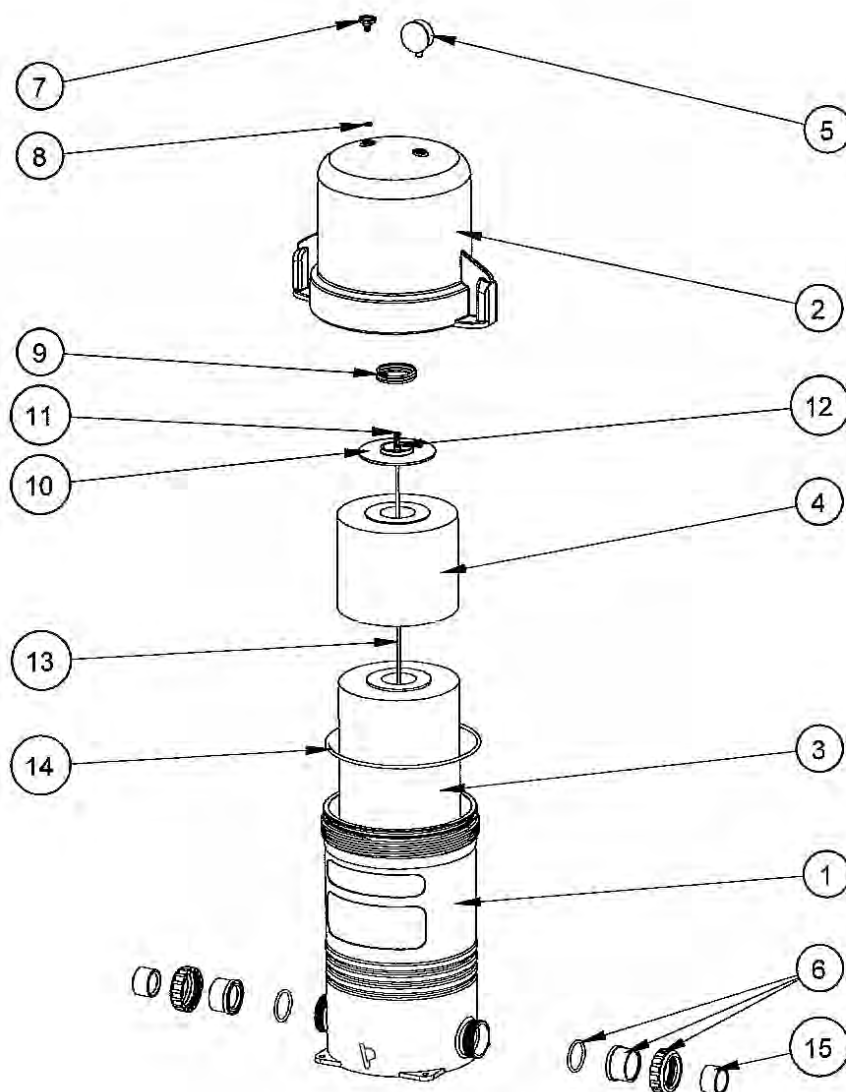


Opal XL

Product Codes: 217225EUM, 217270EUM

Part Number	Product Description	Diagram No.
AXFI0121	Opal Tank PP Pewter	1
AXFI0087	Opal Top Housing 270	2
AXFI0085	Opal Top Housing 225	2
701038	Cartridge Element 180 sq.ft.	3
701041	Cartridge Element 90 sq.ft.	4
701040	Cartridge Element 225sq.ft.	N/S
AXFI014	Opal Union Tail Black 2" imperial	6
AXFI015	Opal union tail black 63mm metric	6
AXFI016	Opal Cartridge Union Lock Ring Black	6
AXFI018	'O' Ring Union Opal Cartridge	6
620221	Air Release Valve (with o-ring)	7+8
AXFI0089	Spring	9
8223502	Top Adaptor	10
W02289	Air relief Screen	11
85251	Gulfstream Plug	12
W22205	Air bleed for 225sq. ft	13
W22206	Air bleed opal 760 (270sq.ft.)	13
620272	'O' Ring BS 454	14
12555BLK	Reducing Bush 63mm/50mm	15
61216	Opal element joiner (for 270sq.ft. only)	N/S

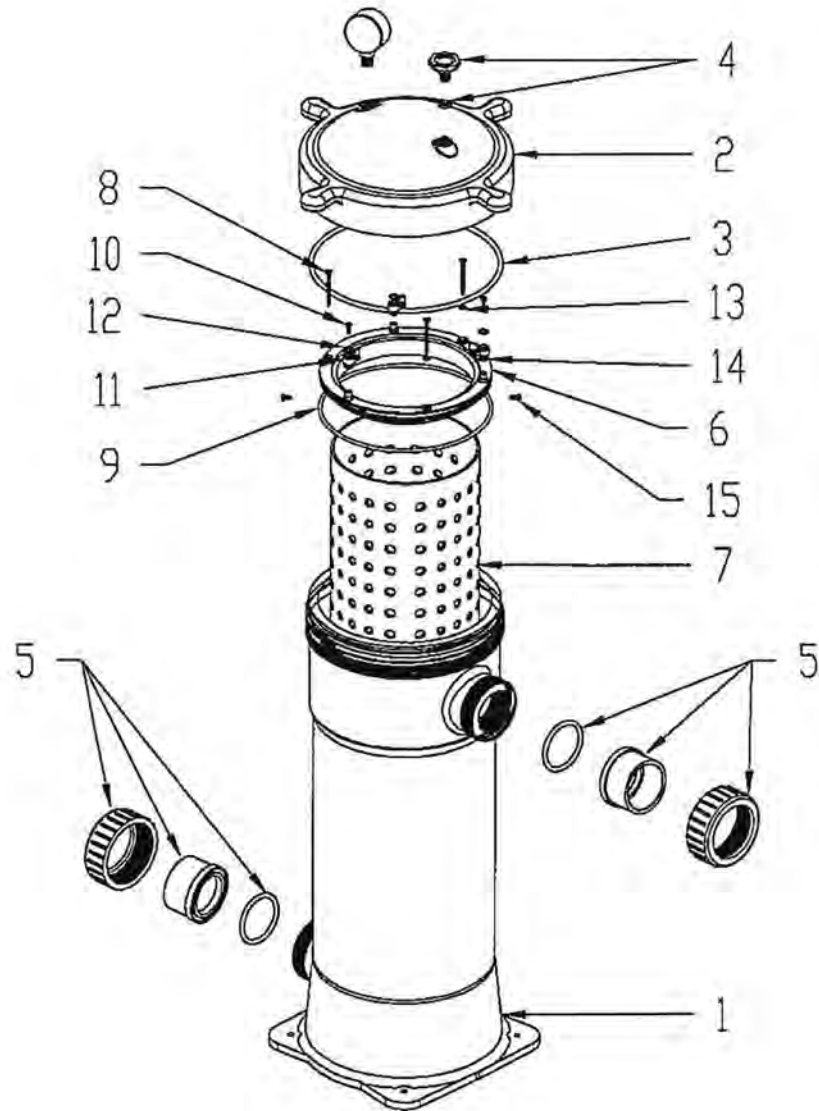
For pressure gauges - see page 14 of main price list



Leaf Trapper

Product Code: 3761053

Part Number	Product Description	Diagram No.
62044131	T/Line Bag Housing C50 W/Ext.Thread Port Only	1
62044170	T/Line Bag Housing Lid Clear	2
620262	'O' Ring G220	3
620221	Air Release Valve - Black Clear	4
634024BLK	Half Union with 'O' Ring - 2" (2 required)	5
620342	'O' Ring Half Union BS332 Viton	5
620245	'O' Ring	5
3651947	Case Ring	6
3651946	Support Cage Filter Bag	7
620292	Screw 10G X 2" CSK SS316 for TBF Cage Ring	8
620293	'O' Ring 205 X 4 for TBF Cage Ring	9
6340087	Screw PT#8 13MM S/S 316 For UWL	10
620291	Latch For TBF Cage Ring	11
620294	Washer 3/16X1/2X20Flat SS316 TBF Cage Ring	12
82444204	'O' Ring BS 010	13
82444205	'O' Ring BS 011	14
63814277	Screw M3x6	15

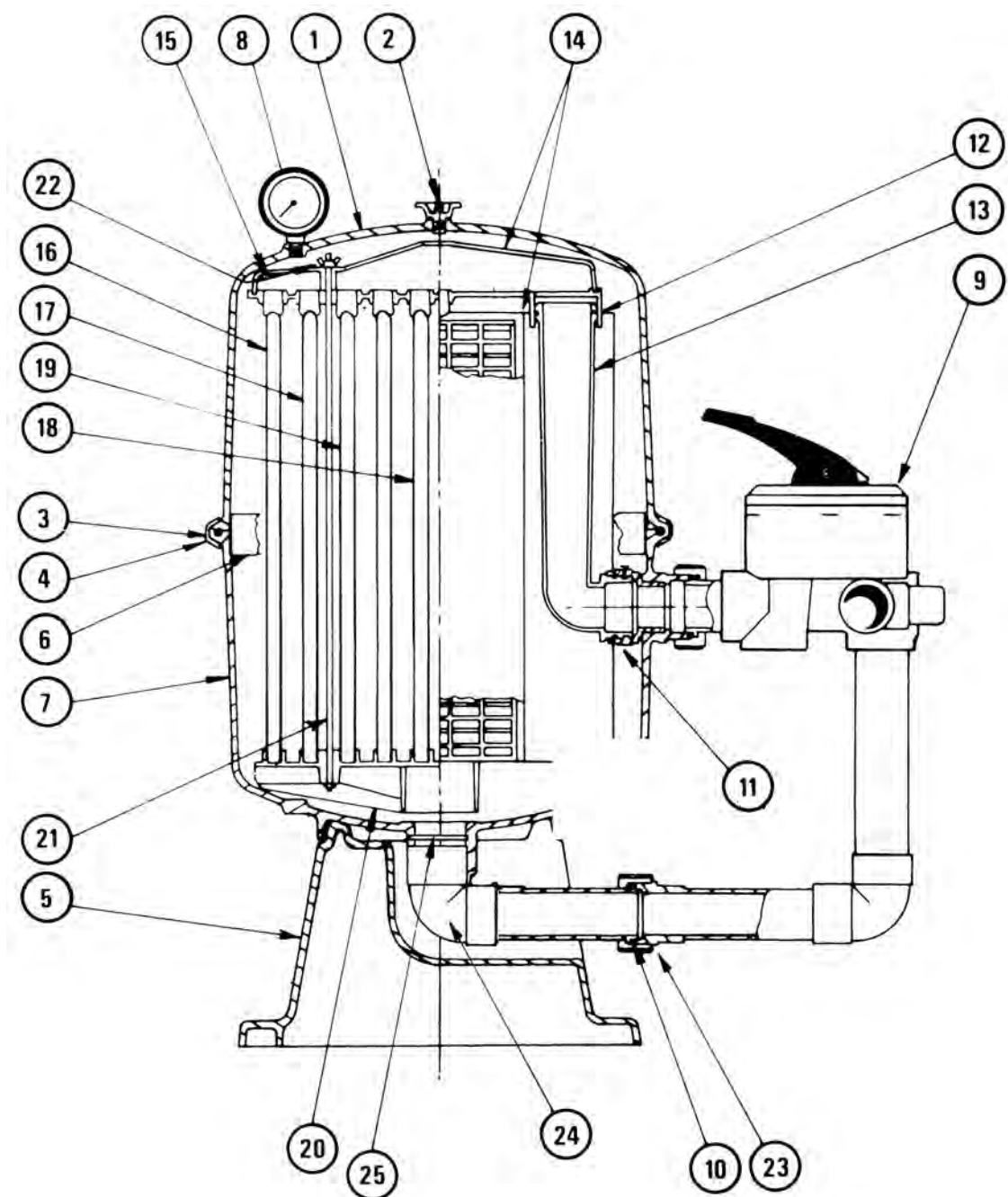


Astra Fulflo D.E. Filter

Part Number	Product Description	Diagram No.
62231PEW	Tank top low dome - P2016	1
62232PEW	Tank top high dome (grey) P2027,31	1
62233PEW	Tank top ultra high dome P2036,2048	1
620221	Air release Valve c/w O Ring	2
62202	P2145 clamp ring assy (c/w knob, bolt, lug)	3
622203	P2153 Nally tank clamp knob, bolt, lug	3
62250	P9109 Tank body O Ring	4
W01057	P2517 Inner band For P2027 / P2036 / P2048	6
8223152	Tank Body Bottom (P2027, P2036)	7
8223432	Tank body ultra bottom (P2048)	7
W02213	Union O ring (post 3/98)	10
W02280	Union O ring 50mm P2027 - 48 (BS332)	10
62248	Union adapter assy	11
822346	90 Deg elbow union - P2016,27,31	13
62206	P2124 90° elbow union assy P2036,48	13
62209	P2146 Complete septum - P2027,31	14
62210	P2157 Complete septum - P2036	14
62211	P2206 Complete septum - P2048	14
62207	P2126 Manifold assy	15
62216	P2147 - 150 filter grid - P2027,31 - 450 long 2 per filter	16
62217	P2148 - 250 filter grid - P2027,31 - 450 Long 2 per filter	17
62218	P2149 - 250 offset filter grid - P2027, 31 - 450 Long 2 per filter	18
62219	P2150 - 310 filter grid - P2027,31 - 450 long 4 per filter	19
62220	P2158 - 150 filter grid - P2036 - 630 long 2 per filter	16
62221	P2160 - 250 filter grid - P2036 - 630 long 2 per filter	17
62222	P2162 - 250 offset filter grid - P2036 - 630 long 2 per filter	18
62223	P2164 - 310 filter grid - P2036 - 630 long 4 per filter	19
62224	P2210 - 150 filter grid - P2048 - 810 long 2 per filter	16
62225	P2214 - 250 filter grid - P2048 - 810 long 2 per filter	17
62226	P2211 - 250 offset filter grid - P2048 - 810 long 2 per filter	18
62227	P2213 - 310 filter grid - P2048 - 810 long 4 per filter	19
W02198	P2337 Clamp Plate	20
62238	P2521 Tie rod - P2027,31	21
62239	P2538 Tie rod - P2036	21
62240	P2545 Tie rod - P2048	21
122243B	Half Barrel Union 1 1/2" (post 03/98)	23
122245B	Half Barrel Union 50mm Metric (Pre 03/98)	23
634024BLK	Half Barrel Union 2" 2027- 48 (Post 03/98)	23
634024EBLK	Half Barrel Union 63mm Metric	23
823318	90 degree elbow threaded 1 1/2" (Pre 03/98)	24
822345BLK	90 degree elbow threaded 2" (Post 03/98)	24
823319	90 degree elbow O Ring (Pre 03/98)	25
622301	P2048 KIT top & bottom & clamp & inner band & knob	N/S
2390495EU	P2027/P2031 M.P.V.-1 1/2" c/w plumbing kit	9
23905832	P2036 M.P.V.- 2" c/w plumbing kit	9

For pressure gauges - see page 14 of main price list

Astra Fulflo D.E. Filter



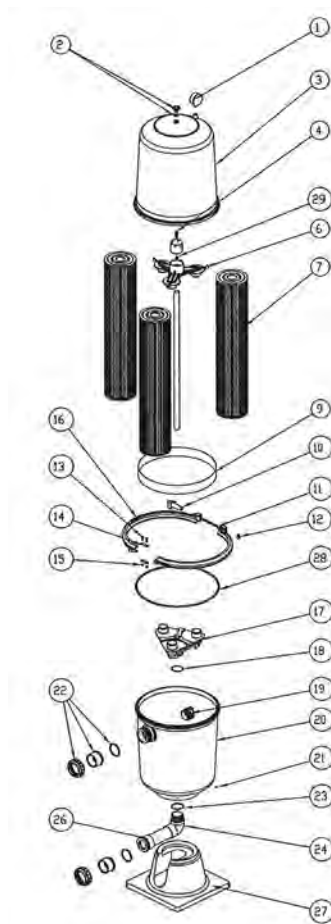
TANK PORT SIZE	MODEL	CODE	CONNECTION	
		MPV C/W Plumbing Kit	TANK	MPV
1.5" (50mm)	P2027	2390495 / 2390495EU	Top - Male	Top - Female
2" (63mm)	P2036	23905832 / 2390583EU		
2" (63mm)	P2048	23905932 / 2390593EU	Bottom - Male	Bottom - Female

Fulflo Tri-Cartridge Filter

Product Codes: 21655300EU, 2165400EU, 2165500EU

Part Number	Product Description	Diagram No.
620221	Air Release Valve	2
62233PEW	Tank Top Ultra High Dome	3
W02289	Air Relief Tube Screen	4
6220701	Adaptor M/Fold Tri-Cartridge	6
622810	Cartridge Element For TC300 (Qty 3 Needed)	7
622820	Cartridge Element For TC400 (Qty 3 Needed)	7
622830	Cartridge Element For TC500 (Qty 3 Needed)	7
W01057	S/S Inner Band 40	9
W02195TLJ	DE Knob w.0.6" head dia. brass insert	10
W02201	M8 x 100 S/S Stud	11
W02202	Brass Lug	12
827000	Screw 1/4 x 1" Hex	13
822528	Connecting Link	14
829227	Nut 1/4" Nylock	15
822526BLK	Clamp Band Half - 2 req. per filter	16
6220700	Manifold Tri Cartridge	17
6220702	O Ring	18
62268	Inlet Baffle 50mm	19
8223432	Tank Body Ultra Bottom	20
W02641	Screw (6 required)	21
634024BLK	Half Union with O Ring 2" imperial	22
W02083BLK	Union Lock Nut -2"/63mm	22
W02081BLK	Union Plain End 2" imperial	22
6340244B	Union Plain end 63mm	22
W02280	2"/ 63mm Barrel Union O-Ring	22
W02691	90° Elbow O-Ring	23
822345BLK	F/Fld Bim Elbow 63mm	24
W02087BLK	B/Union Threaded End	26
62228	PP Supportor Base	27
62250	Tank Body O Ring	28
85251	Gulfstream Plug	29

For pressure gauges - see page 14 of main price list



Micron Top Mount, Thermoplastic & Exotuf Sand Filters

Part Number	Product Description
Micron / Exotuf Thermoplastic Common Parts	
W02115PP	Manifold threaded 1½" / 50mm
W02116PP	Manifold threaded 2" / 63mm
W02111PP	Lateral threaded 75mm
W02112PP	Lateral threaded 110mm
W02113PP	Lateral threaded 145mm
W02114PP	Lateral threaded 200mm
W02117PP	Lateral threaded cap female
W02158PP	Lateral threaded plug male
620960015HBG	Drain plug assembly (15mm)
W04058BLK	Drain plug assembly (1½"/50mm)
W02068	Valve Neck O Ring (suits 1½" MPV) - Screw Type MPV
W02571	Micron Valve Gasket (2") Screw Type MPV
62102-HBG	Micron S/S Dome Nut & Washer (set of 12)
122243B	1½" Half Union (Black) c/w O Ring
122245B	50mm European metric Half Union (Black) c/w O Ring
W02213	1½" Union O Ring
W22316	E600 O Ring
634024BLK	2" Half Union (Black) c/w O Ring
63402400	63mm European metric Half Union (Black) c/w O Ring
W02280	2" Union O Ring
T Filters - Clamp Band Type	
6226010	Clamp Band 6" Kit (T400, T450, T500)
620269	O'Ring 185 x 4mm for 6" Clamp Band

For multiport valves and pressure gauges - see page 12-14 of main price list

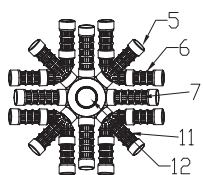
Part No:		W02115PP	W02116PP	W02111PP	W02112PP	W02113PP	W02114PP	W02117PP	6209226	6209227
Model		Manifold 50mm	Manifold 63mm	Lateral 75mm	Lateral 110mm	Lateral 145mm	Lateral 200mm	Lateral End Cap Nut	Extension Arm Assy Short	Extension Arm Assy Long
S500	Eco	1		8	4			16		4
S600	Eco	1		16	4			16		4
S602	Eco		1	16	4			16		4
S700	Eco	1		16			4	16	4	
S702	Eco		1	16			4	16	4	
S750	Eco		1	8	12	4		16	4	
S800	Eco		1	8	12	4		16	4	
S900	Eco		1	4	8	12		16	4	
E600 Plus. SM	Eco	1		12		4		16	4	
E602 Plus. SM	Eco		1	12		4		16	4	
E702 Plus. SM	Eco		1	12			4	16		4
E600 Plus. TM	Eco	1		12		4		16	4	
E602 Plus. TM	Eco		1	12		4		16	4	
E702 Plus. TM	Eco		1	12			4	16		4
T400 / E400	Std	1		8				8		
T450 / E450	Std	1			8			8		
T500 / E500	Std	1			8			8		
T600 / E600	Std	1				8		8		

Exotuf Plus Side Mount

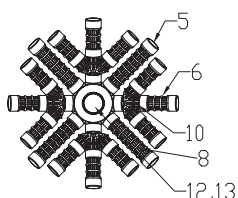
Part Number	Product Description	Diagram No.
6220208	Clamp Band 8" MKII	3i
622203	Screw Overmolded M8X60 S/S A2 Hex Bolt	3ii
W22280	Washer Flat M8 Brass (8.4 x 18 x 1.5mm)	3iii
W02195TLJ	DE Knob W0.6" Head Dia Brass Insert	3iv
62092911	Filter Clear Lid 8" Clamp Type	4
W02117PP	Lateral Cap Nut PP	5
W02111PP	Lateral Waterco 75mm PP	6
W02112PP	Lateral Waterco 110mm PP	7
W02113PP	Lateral Waterco 145mm PP	8
W02114PP	Lateral Waterco 200mm PP	9
6209226	Lateral Extension Arm Assembly Short	10
6209227	Lateral Extension Arm Assembly Long	11
W02115PP	Manifold Waterco 50mm for E500+ / E600+	12
W02116PP	Manifold Waterco 63mm for E602+ / E702+	13
121558	Threaded Sweep Elbow Kit 50mm / 1 1/2" for E500+ / E600+	14
121559	Threaded Sweep Elbow Kit 63mm / 2" for E602+ / E702+	15
121340	Elbow 90 Deg 50mm for E500+ / E600+ / E602+ / E702	16/17
W22316	O-Ring 180 x 4.5mm NBR Black Shore 70 for E500+ / E600+	19
W22479	O-Ring 198 x 4.5mm NBR Black Shore 70 for E602+ / E702+	20
W02066	Funnel For Side Mount Filters	21
W02289	Air Relief Tube Screen	22
85251	Gulfstream Plug	23
W02550	T/L Moulded Air Bleed 740mm C75	24

For multiport valves and pressure gauges - see page 12-14 of main price list

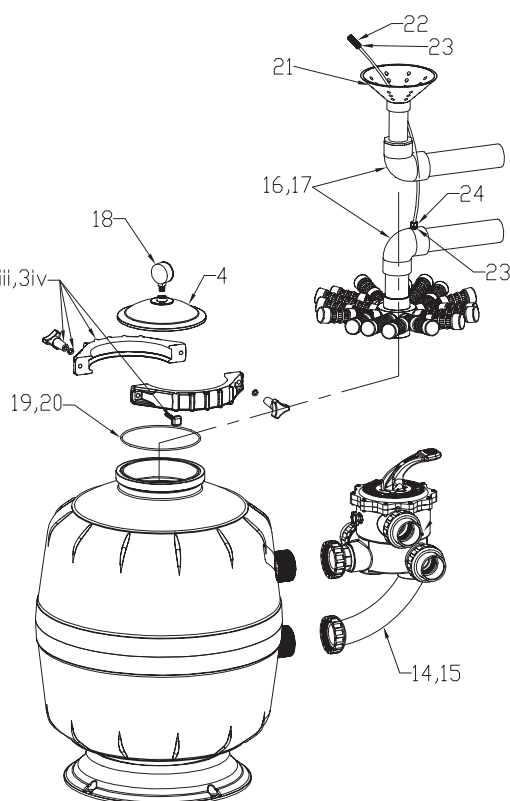
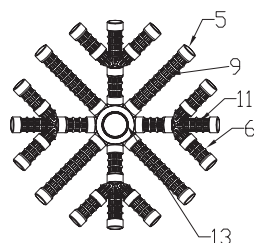
LATERAL CONFIGURATION FOR E500+



LATERAL CONFIGURATION FOR E600+ / E602+



LATERAL CONFIGURATION FOR E702+



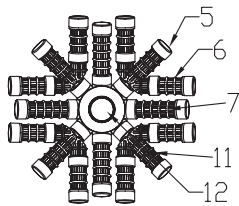
Part. No	Product Description	Qty			
		E500+	E600+	E602+	E702+
W02117PP	Lateral Cap Nut PP	16	16	16	16
W02111PP	Lateral Waterco 75 PP	8	12	12	12
W02112PP	Lateral Waterco 110mm PP	4			
W02113PP	Lateral Waterco 145mm PP		4	4	
W02114PP	Lateral Waterco 200mm PP				4
6209226	Lateral Extension Arm Assembly Short		4	4	
6209227	Lateral Extension Arm Assembly Long	4			4
W02115PP	Manifold Waterco 50mm	1	1		
W02116PP	Manifold Waterco 63mm			1	1

Exotuf Plus Top Mount

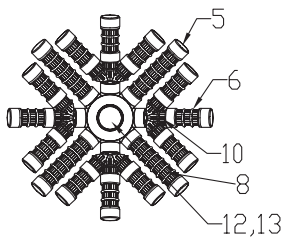
Part Number	Product Description	Diagram No.
6220208	Clamp Band 8" MKII for E602+ / E702+	3
622203	Screw Overmoulded M8X60 s/s A2 Hex Bolt for E602+ / E702+	3
W22280	Washer Flat M8 Brass (8.4 x 18 x 1.5mm) for E602+ / E702+	3
W02195TLJ	DE Knob W0.6" Head Dia. Brass Insert for E602+ / E702+	3
62259	Clamp Band 6" MKII for E500+ / E600+	4
621373	Bolt M6 x 55mm P/Head S/SS M/C for E500+ / E600+	4
W12783	Washes M6 Spring SS304 for E500+ / E600+	4
W22322	Square Nut M6 x 10mm x ?? SS304 for E500+ / E600+	4
W02117PP	Lateral Cap Nut PP	5
W02111PP	Lateral Waterco 75mm PP	6
W02112PP	Lateral Waterco 110mm PP	7
W02113PP	Lateral Waterco 145mm PP	8
W02114PP	Lateral Waterco 200mm PP	9
6209226	Lateral Extension Arm Assembly Short	10
6209227	Lateral Extension Arm Assembly Long	11
W02115PP	Manifold Waterco 50mm	12
W02116PP	Manifold Waterco 63mm	13
W22316	O-Ring 180 x 4.5mm NBR Black Shore 70	14
W22479	O-Ring 198 x 4.5mm NBR Black Shore 70	15

For multiport valves and pressure gauges - see page 12-14 of main price list

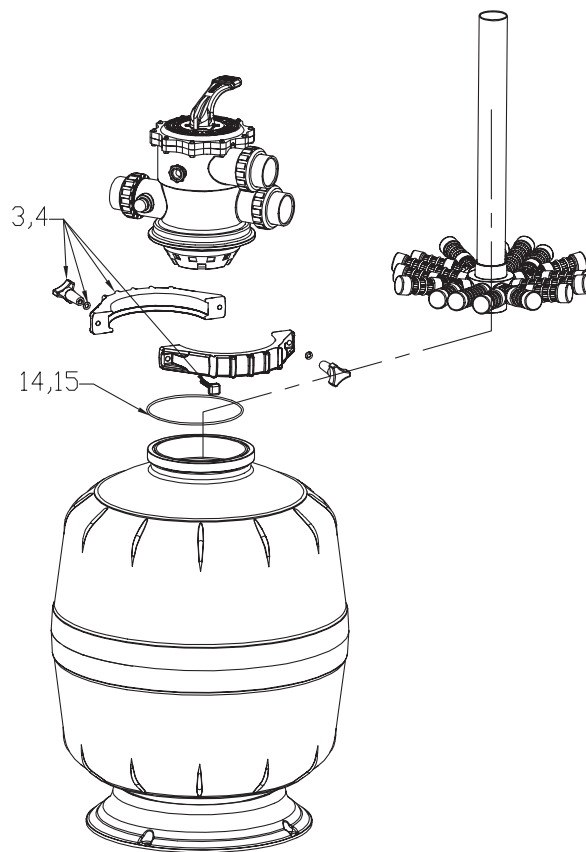
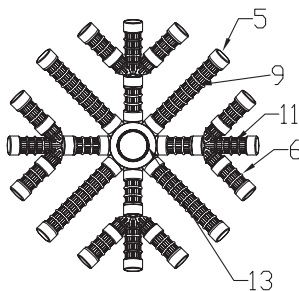
LATERAL CONFIGURATION FOR E500+



LATERAL CONFIGURATION FOR E600+ / 602+



LATERAL CONFIGURATION FOR E702+



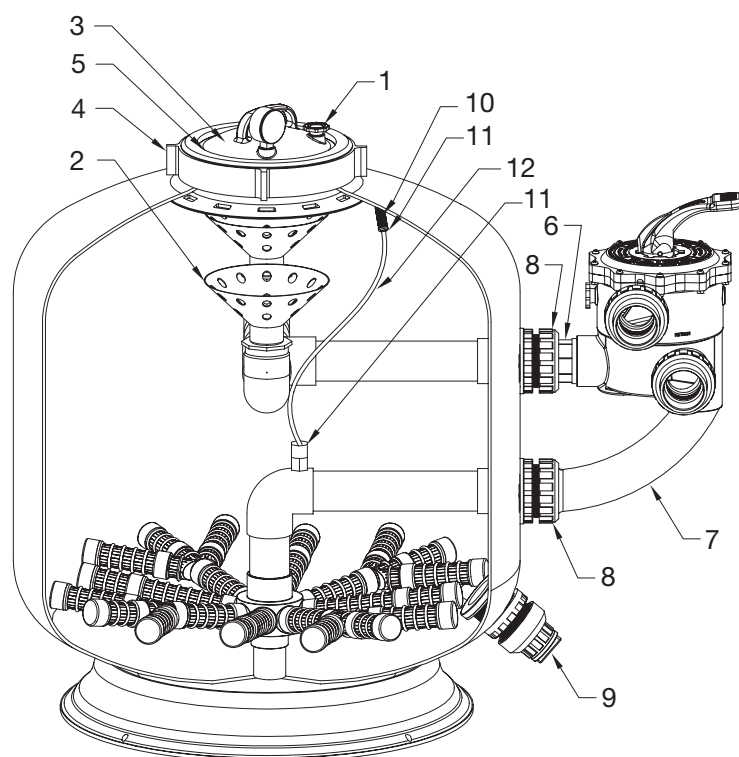
Part. No	Product Description	Qty			
		E500+	E600+	E602+	E702+
W02117PP	Lateral Cap Nut PP	16	16	16	16
W02111PP	Lateral Waterco 75 PP	8	12	12	12
W02112PP	Lateral Waterco 110mm PP	4			
W02113PP	Lateral Waterco 145mm PP		4	4	
W02114PP	Lateral Waterco 200mm PP				4
6209226	Lateral Extension Arm Assembly Short		4	4	
6209227	Lateral Extension Arm Assembly Long	4			4
W02115PP	Manifold Waterco 50mm	1	1		
W02116PP	Manifold Waterco 63mm			1	1

For lateral pricing see page 29

Micron Side Mount Sand Filters

Part Number	Product Description	Diagram No.
620221	Air release valve	1
W02066	S/M Water Diffuser (Funnel)	2
6209291	SM 8" Lid	3
62024BLK	Lock Ring for 8" Lid	4
62026	SM Top Lid O ring 8"	5
121551	40mm x 80 Nipple WFE	6
W02209BLK	Barrel Union Nut 1 1/2"	8
W02213	Barrel Union O Ring 1 1/2"	n/s
W02083BLK	Barrel Union Nut 2"	8
W02280	Barrel Union O Ring 2"	n/s
121558	Threaded Sweep Elbow Kit 1 1/2"	6,7,8
121559	Threaded Sweep Elbow Kit 2"	6,7,8
W04058BLK	Drain Plug (up to & including SM900 with 2" Ports)	9
W02568	2" Bulk Head	n/s
6209430	S/M top lid clamp type	n/s
620269	S/M top lid o ring (clamp type)	n/s
6209430	S/M top lid clamp & knob only	n/s
W02289	Air Relief Tube Screen	10
85251	Gulfstream Plug	11
W02549	Air Bleed Tube 500mm for SM500 / 600	12
W02550	Air Bleed Tube 740mm for SM750 / 900	12

For multiport valves and pressure gauges - see page 12-14 of main price list

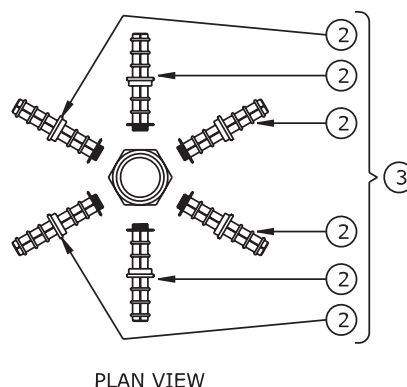
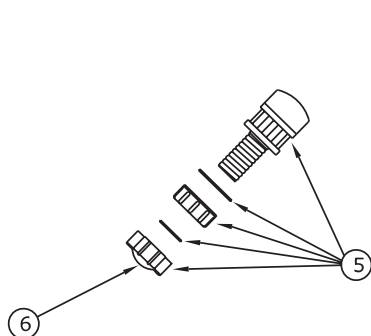
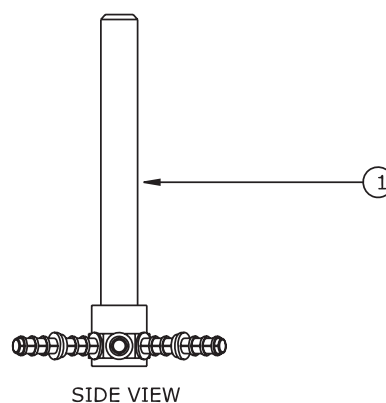
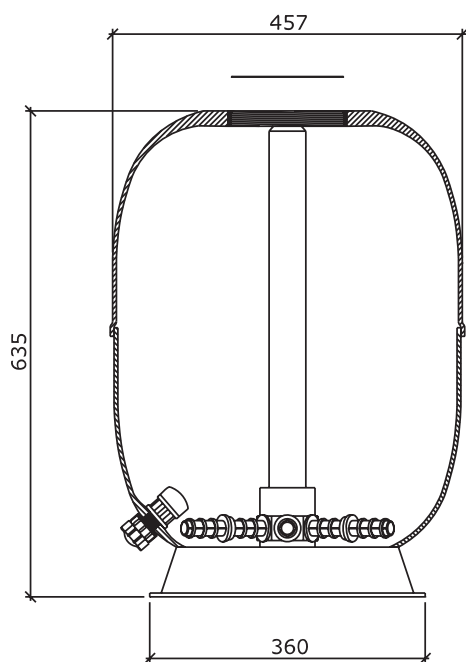


Part No:		W02115PP	W02116PP	W02111PP	W02112PP	W02113PP	W02114PP	W02117PP	6209226	6209227
Model		Manifold 50mm	Manifold 63mm	Lateral 75mm	Lateral 110mm	Lateral 145mm	Lateral 200mm	Lateral End Cap Nut	Extension Arm Assy Short	Extension Arm Assy Long
SM500	Eco	1		12		4		16	4	
SM600	Eco	1		16	4			16		4
SM602	Eco		1	16	4			16		4
SM700	Eco	1		8	4		4	16		4
SM750	Eco		1	8	12	4		16	4	
SM800	Eco		1		20	4		16	4	
SM900	Eco		1	8		12	4	16	4	

Lacron TMV-18

Product Code: K2220180

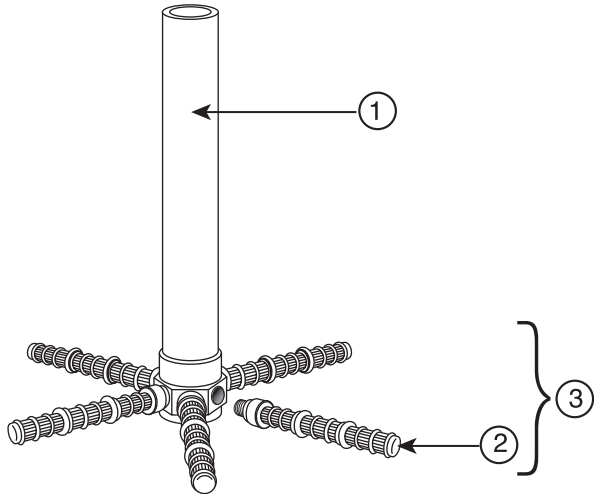
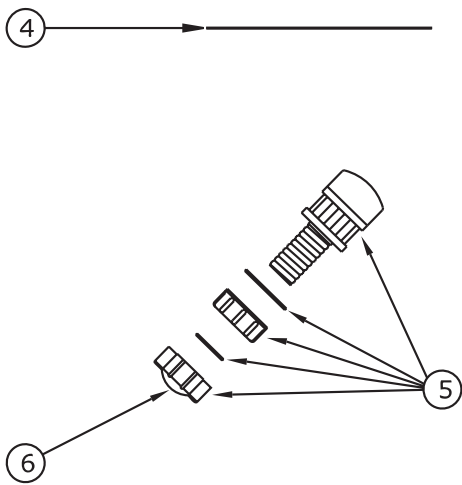
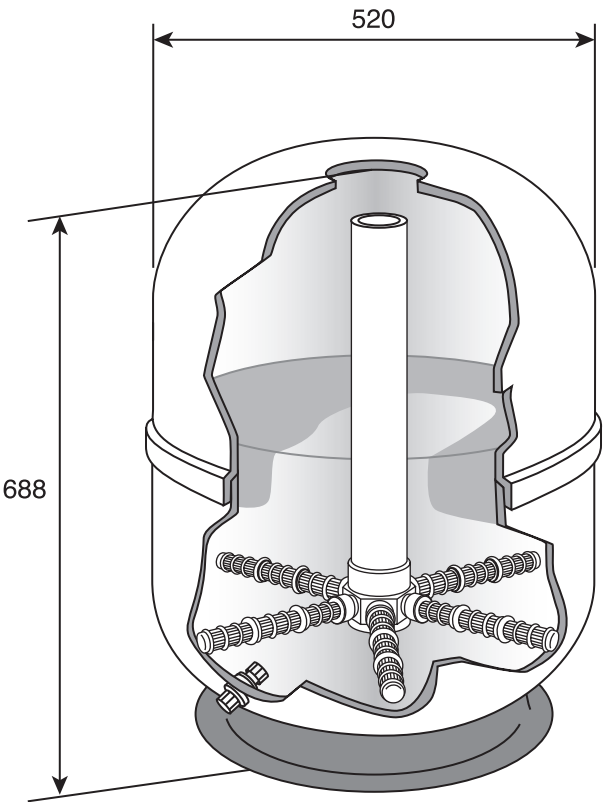
Part Number	Product Description	Diagram No.
1366A (W12246)	18" Top Mount Internals (less candles)	1
62096007HBG	120mm Lateral (candle) (6)	2
1393 (W12247)	18" Lateral (candle) Set	3
1314	Top Mount Valve O Ring	4
620960015HBG	Drain Plug Complete	5
W02522C	Drain Plug Cap	6
621320	Centre Stem O Ring	n/s



Lacron TMV-20

Product Code: K2220200

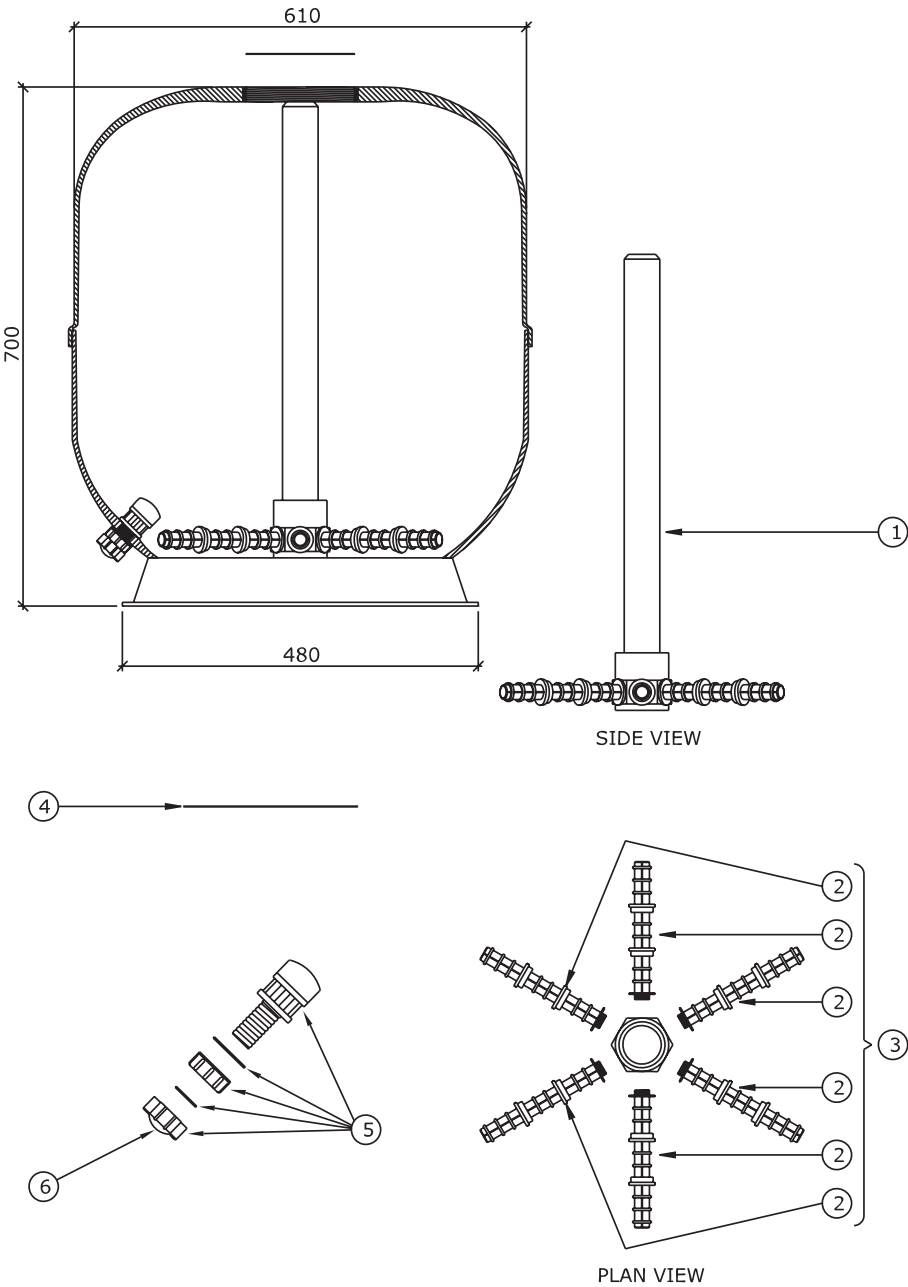
Part Number	Product Description	Diagram No.
W12274	20" Top Mount Internals (less candles)	1
62096008HBG	120mm + 40mm (candle) (x 6)	2
W12275	20" Lateral (candle) Set	3
1314	Top Mount Valve O Ring	4
620960015HBG	Drain Plug Complete	5
W02522C	Drain Plug Cap	6
621320	Centre Stem O Ring	n/s



Lacron TMV-24

Product Code: K2220240

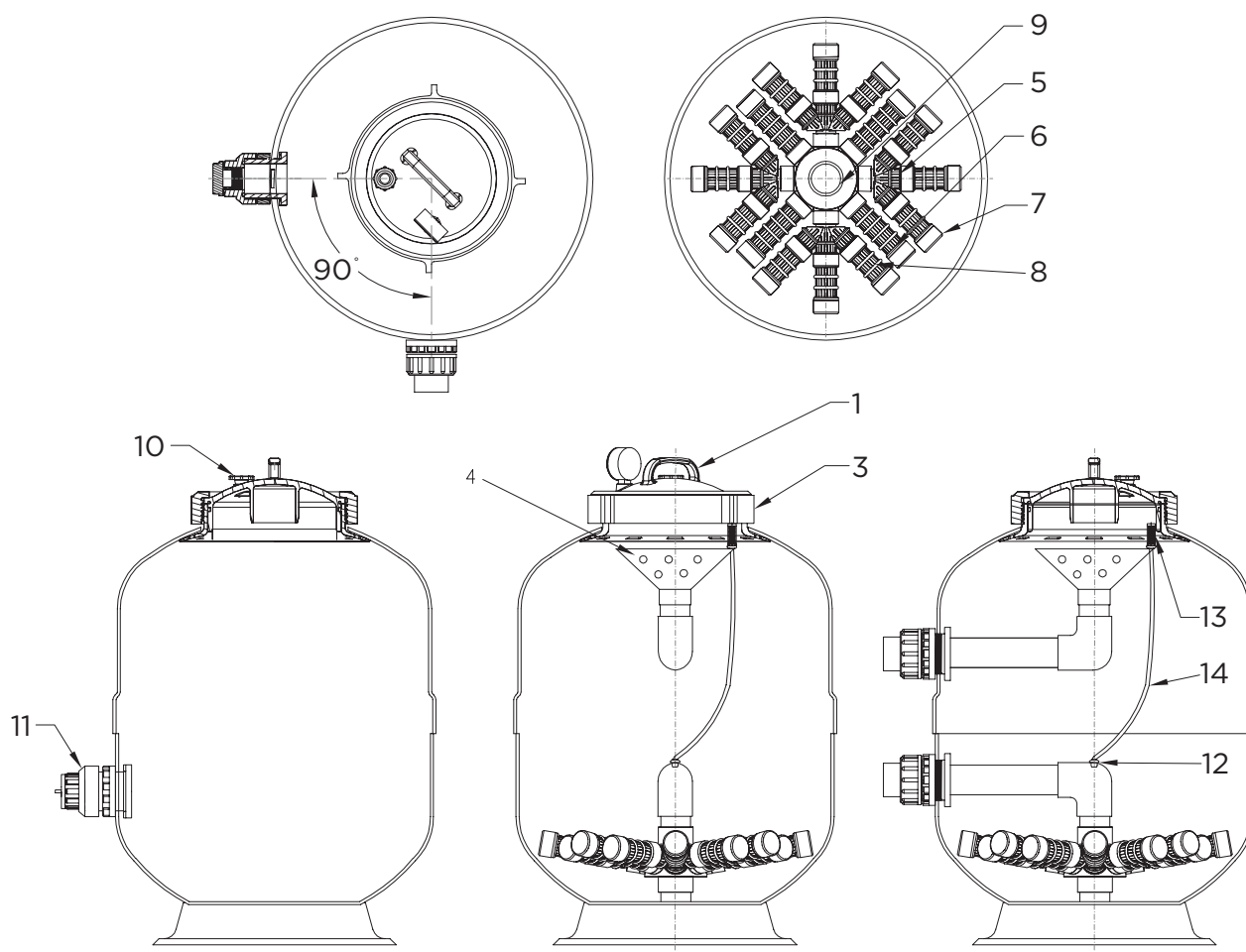
Part Number	Product Description	Diagram No.
W12243	24" Top Mount Internals (less candles)	1
62096008HBG	180mm Lateral (X 6)	2
W22218 (1394A)	24" Lateral (candle) Set	3
1314	Top Mount Valve O Ring	4
620960015HBG	Drain Plug Complete	5
W02522C	Drain Plug Cap	6
621320	Centre Stem O Ring	n/s



Lacron Pure-20

Product Code: K2220208L

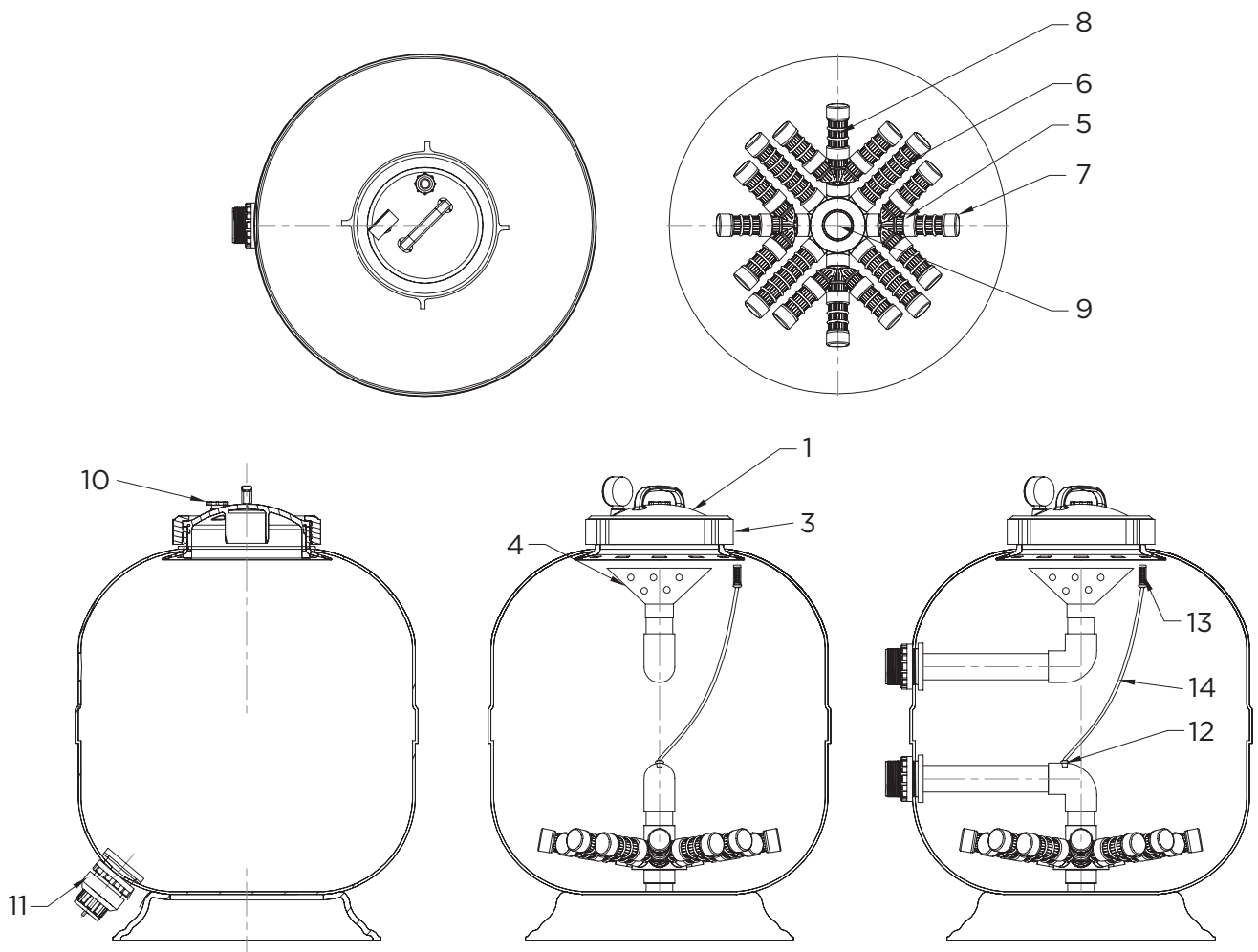
Part Number	Product Description	Diagram No.
6209291	Filter Lid 8" Clear	1
62026	T/L O-Ring	2
62024BLK	T/L Lock Ring Black	3
W02066	Funnel For Side Mount	4
6209226	Lateral Extention Arm Assembly Short (4 required per filter)	5
W02112PP	Lateral Waterco 110mm PP (4 required per filter)	6
W02117PP	Lateral End Cap Nut (16 required per filter)	7
W02111PP	Lateral Waterco 75mm PP (12 required per filter)	8
W02115PP	Manifold Waterco 50mm	9
620221	Air Relief Valve New Style Black	10
W04058BLK	Drain Plug 50mm Complete	11
W02268	Gasket 50mm Bulkhead	
W02271BLK	Bulkhead Lock Nut 50mm Black	
W02272BLK	Bulkhead Threaded Body 50mm Black	
W02158PP	Lateral End Cap Screw PP	
W02213	O-Ring 50mm B/U EPDM	
W02267	Drain Plug 50mm O-Ring	
W02269BLK	Drain Plug Body 50mm Black	
W02270BLK	Drain Plug End Cap 50mm Black	
85251	Gulfstream Plug	12
W02289	Air Relief Tube Screen	13
W02549	T/L Moulded Air Bleed 500mm C50	14



Lacron Pure-24

Product Code: K2220248L

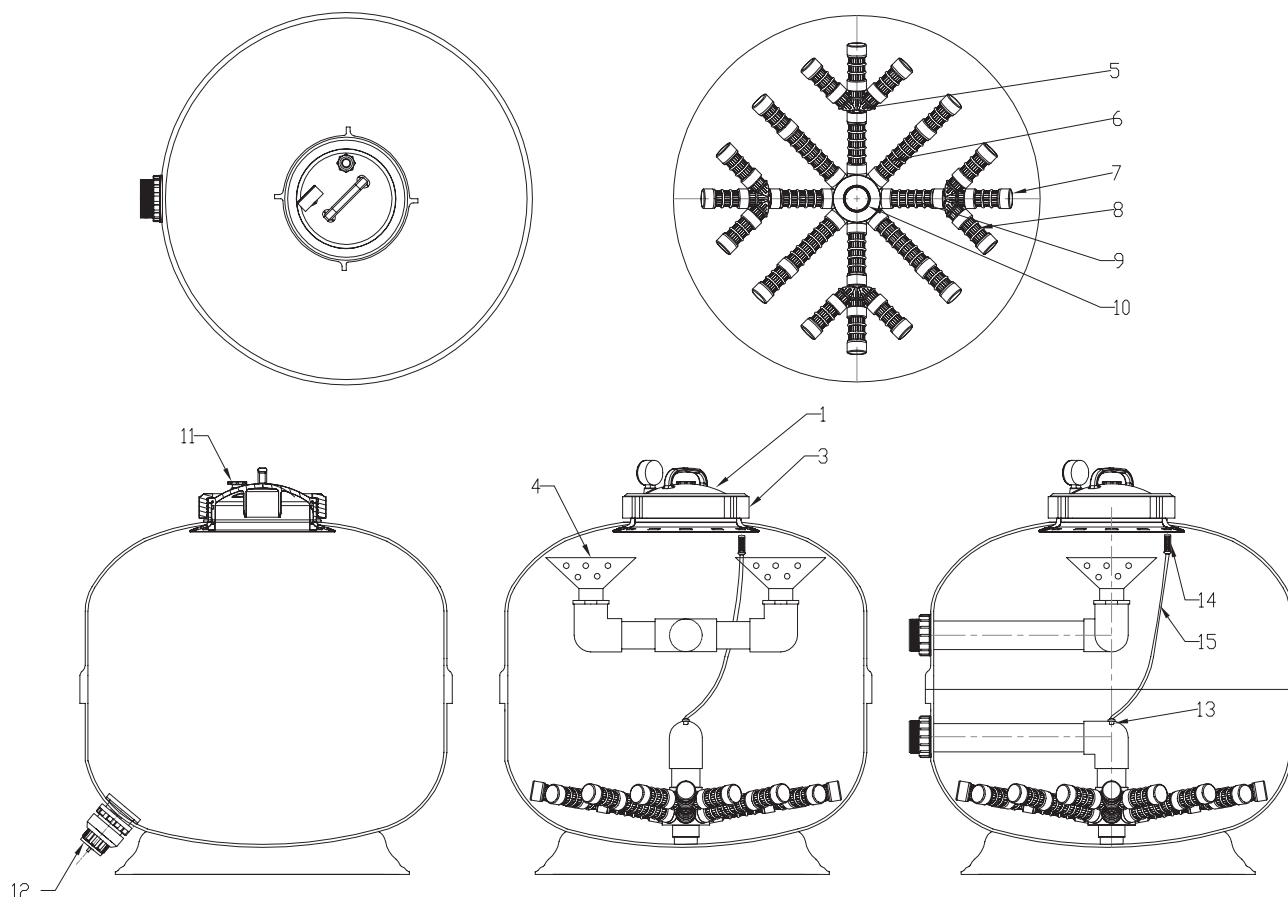
Part Number	Product Description	Diagram No.
6209291	Filter Lid 8" Clear	1
62026	T/L O-Ring	2
62024BLK	T/L Lock Ring Black	3
W02066	Funnel For Side Mount	4
6209226	Lateral Extention Arm Assembly Short (4 required per filter)	5
W02113PP	Lateral Waterco 145mm PP (4 required per filter)	6
W02117PP	Lateral End Cap Nut (16 required per filter)	7
W02111PP	Lateral Waterco 75mm PP (12 required per filter)	8
W02115PP	Manifold Waterco 50mm	9
620221	Air Relief Valve New Style Black	10
W04058BLK	Drain Plug 50mm Complete	11
W02268	Gasket 50mm Bulkhead	
W02271BLK	Bulkhead Lock Nut 50mm Black	
W02272BLK	Bulkhead Threaded Body 50mm Black	
W02158PP	Lateral End Cap Screw PP	
W02213	O-Ring 50mm B/U EPDM	
W02267	Drain Plug 50mm O-Ring	
W02269BLK	Drain Plug Body 50mm Black	
W02270BLK	Drain Plug End Cap 50mm Black	
85251	Gulfstream Plug	12
W02289	Air Relief Tube Screen	13
W02549	T/L Moulded Air Bleed 500mm C50	14



Lacron Pure-30

Product Code: K2220308L

Part Number	Product Description	Diagram No.
6209291	Filter Lid 8" Clear	1
62026	T/L O-Ring	2
62024BLK	T/L Lock Ring Black	3
W02066	Funnel For Side Mount	4
6209226	Lateral Extension Arm Assembly Short (4 required per filter)	5
W02113PP	Lateral Waterco 145mm PP (4 required per filter)	6
W02117PP	Lateral End Cap Nut (16 required per filter)	7
W02111PP	Lateral Waterco 75mm PP (12 required per filter)	8
W02112PP	Lateral Waterco 110mm PP (4 required per filter)	9
W02116PP	Manifold Waterco 63mm	10
620221	Air Relief Valve New Style Black	11
W04058BLK	Drain Plug 50mm Complete	12
W02268	Gasket 50mm Bulkhead	
W02271BLK	Bulkhead Lock Nut 50mm Black	
W02272BLK	Bulkhead Threaded Body 50mm Black	
W02158PP	Lateral End Cap Screw PP	
W02213	O-Ring 40mm B/U EPDM	
W02267	Drain Plug 50mm O-Ring	
W02269BLK	Drain Plug Body 50mm Black	
W02270BLK	Drain Plug End Cap 50mm Black	
85251	Gulfstream Plug	13
W02289	Air Relief Tube Screen	14
W02549	T/L Moulded Air Bleed 740mm C75	15



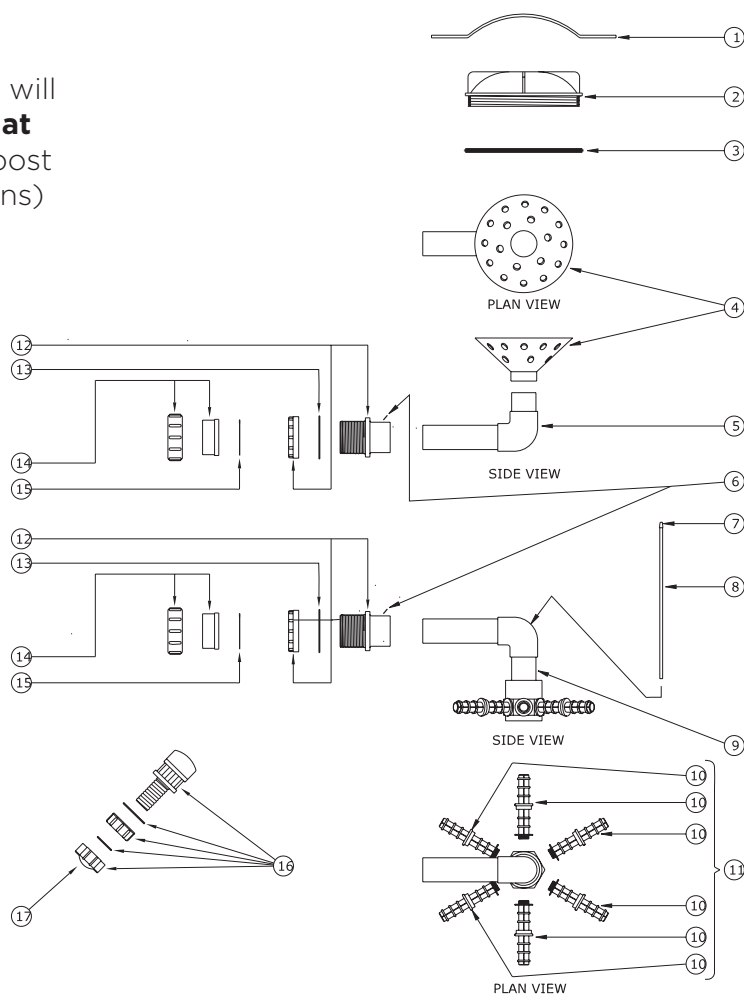
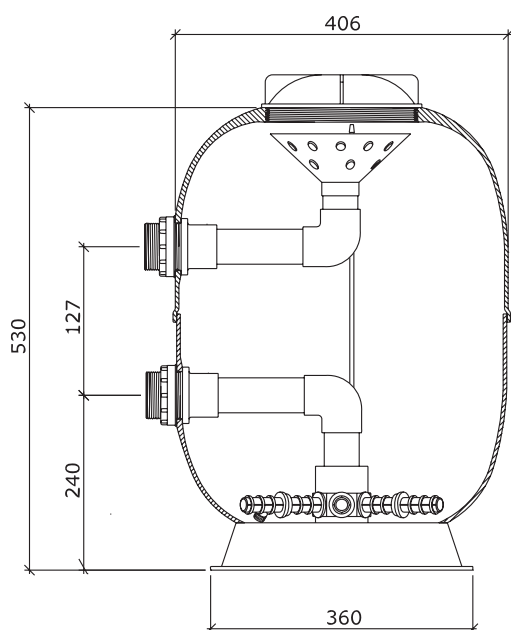
Lacron LSR-16

Product Code: K222016

Part Number	Product Description	Diagram No.
1304A	Lacron lid removal tool (8" new type) Metal	1
W22235	Lid removal tool Plastic	n/s
62092920HBG	Lid (8" new type) Polycarbonate	2
621053HBG	Lid 'O' ring 8"	3
620221	Air relief tap	n/s
W02066B	Rose distributor 5.5"	4
1366 (W32363)	1.5" Header (less rose)	5
1671	3/4" Self tap screw (Pack of 10)	6
W12045	Air bleed cap. Also order 1 x 85251 Rubber Grommit @ £0.85	7
17100 (W02558)	16" Lacron air bleed tube	8
1363	16" - 1.5" Underdrain less candles	9
62096007HBG	120mm Lateral (candle) (X 6 required per filter)	10
1393 (W12247)	lateral (candle) set	11
1222400HBG	1.5" Bulkhead fitting inc nut (Set of 2)	12
W02268HBG	1.5" Bulkhead Gasket (set of 2)	13
W32554-2HBG	1.5" Union Adaptor nut and sleeve (set of 2)	14
W32702-HBG	1.5" Union adaptor 'O' Ring (set of 2)	15
620960015HBG	Drain plug complete	16
W02522C	Drian plug - cap only	17
W04002PP	16"/18"/20" Base Stand	n/a
PRE 2006		
W02992-2HBG	1.5" Union adaptor inc sleeve (Set of 2)	14
W12332-2HBG	1.5" Union adaptor gasket (set of 2)	15
W02989	1.5" Bulkhead Fitting inc. Nut (Set of 2)	12
W02268HBG	1.5" Bulkhead gasket	13

PLEASE NOTE:

1.1/2" Lacron filters manufactured pre 2006 will have union adaptors (Barrel Unions) with **flat gaskets** 1.1/2" Lacron filters manufactured post 2006 will have union adaptors (Barrel Unions) with 'O' rings



Lacron LSR-18

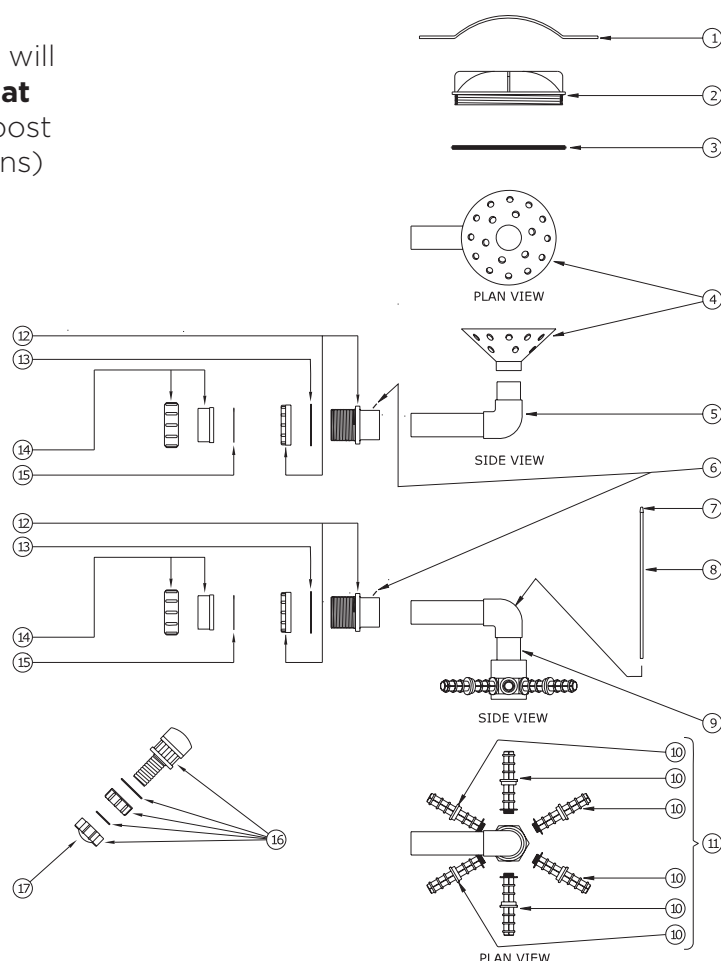
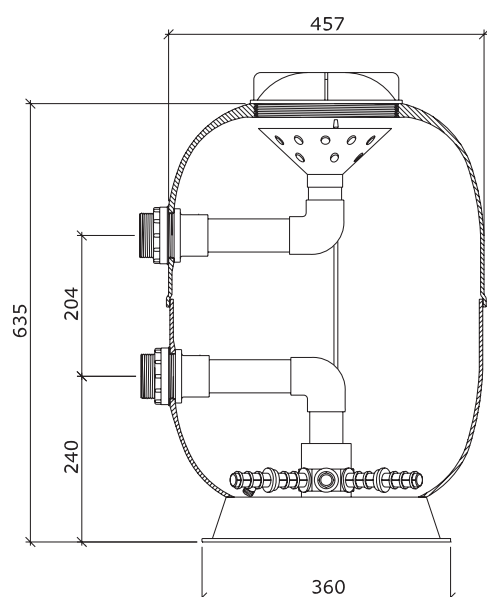
Product Code: K222018N

Part Number	Product Description	Diagram No.
1304A	Lid removal tool (8" new type) Metal	1
W22235	Lid removal tool Plastic	n/s
62092920HBG	8" Lid Polycarbonate (Pre 2022)	2
621053HBG	Lid 'O' Ring 8" (Pre 2022)	3
6209291	SM 8" Lid (Post 2023)	
62026	'O' Ring for Lock Ring	
62024BLK	Lock Ring for 8" Lid (Post 2023)	
620929	6" Polycarbonate Lid	2
W02068	6" Lid 'O' Ring	3
620221	Air relief tap	n/s
W02066B	Rose distributor 5.5"	4
1366 (W32363)	1.5" Header (less rose)	5
1671	3/4" Self tap screw (Pack of 10)	6
W12045	Air bleed cap. Also order 1 x 85251 Rubber Grommit @ £0.85	7
17101 (W02549)	18" Airbleed tube	8
W22510 (1365)	18" - 1.5" Underdrain (less candles)	9
62096007HBG	120mm Lateral (candle) (X 6 required per filter)	10
1393 (W12247)	Lateral (candle) set	11
1222400HBG	1.5" Bulkhead fitting including nut	12
W02268HBG	1.5" Bulkhead gasket (Set of 2)	13
W32554-2HBG	1.5" Union adaptor including sleeve (set of 2)	14
W32702-HBG	1.5" Union adaptor O-ring (set of 2)	15
620960015HBG	Drain plug complete	16
W02522C	Drain plug cap only	17
W04002PP	16"/18"/20" Base Stand	n/a

PRE 2006		
W02992-2HBG	1.5" Union Adaptor nut and sleeve (set of 2)	14
W12332-2HBG	1.5" Union adapter gasket (set of 2)	15
W02989	1.5" Bulkhead Fitting inc. Nut	12
W02268HBG	1.5" Bulkhead gasket	13

PLEASE NOTE:

1.1/2" Lacron filters manufactured pre 2006 will have union adaptors (Barrel Unions) with **flat gaskets** 1.1/2" Lacron filters manufactured post 2006 will have union adaptors (Barrel Unions) with 'O' rings



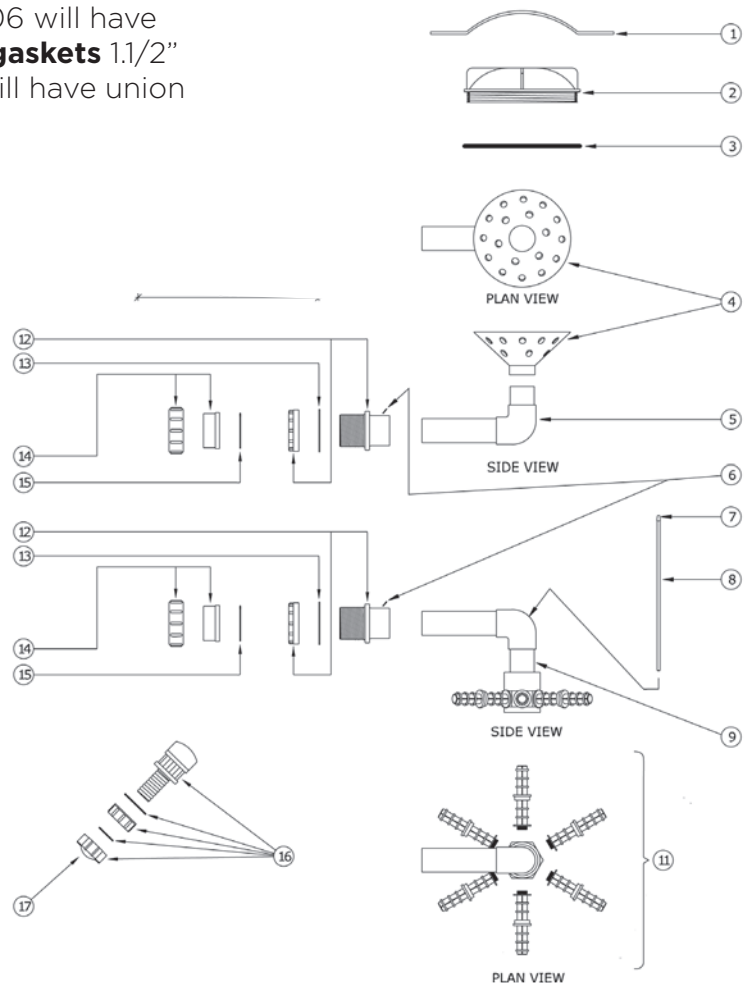
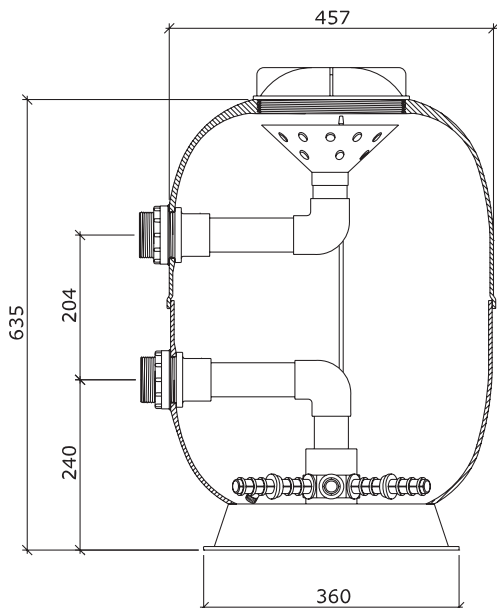
Lacron LSR-20

Product Code: K222020N

Part Number	Product Description	Diagram No.
1304A	Lid removal tool (8" new type) Metal	1
W22235	Lid removal tool Plastic	n/s
62092920HGB	8" Lid Polycarbonate (Pre 2022)	2
621053HGB	Lid 'O' Ring 8" (Pre 2022)	3
6209291	SM 8" Lid (Post 2023)	
62026	'O' Ring for Lock Ring	
62024BLK	Lock Ring for 8" Lid (Post 2023)	
W02066	Rose distributor	4
1366 (W32363)	1.5" Header (less rose)	5
1671	3/4" Self tap screw (Pack of 10)	6
W12045	Air bleed cap. Also order 1 x 85251 Rubber Grommit @ £0.85	7
17101A	20" Airbleed tube	8
W22510	20" - 1.5" Underdrain (less candles)	9
W12275 (1393A)	Lateral (candle) set	11
1222400HGB	1.5" Bulkhead fitting including nut	12
W02268HGB	1.5" Bulkhead gasket (Set of 2)	13
W32554-2HGB	1.5" Union Adaptor nut and sleeve (set of 2)	14
W32702-HBG	1.5" Union adaptor 'O' Ring (set of 2)	15
620960015HGB	Drain plug complete	16
W02522C	Drain plug cap only	17
W04002PP	16"/18"/20" Base Stand	n/a
PRE 2006		
W02992-2HGB	1.5" Union adaptor including sleeve (set of 2)	14
W12332-2HGB	1.5" Union adaptor gasket (set of 2)	15
W02989	1.5" Bulkhead fitting including Nut	12
W02268HGB	1.5" Bulkhead gasket	13

PLEASE NOTE:

1.1/2" Lacron filters manufactured pre 2006 will have union adaptors (Barrel Unions) with **flat gaskets** 1.1/2" Lacron filters manufactured post 2006 will have union adaptors (Barrel Unions) with 'O' rings



Lacron LSR-24

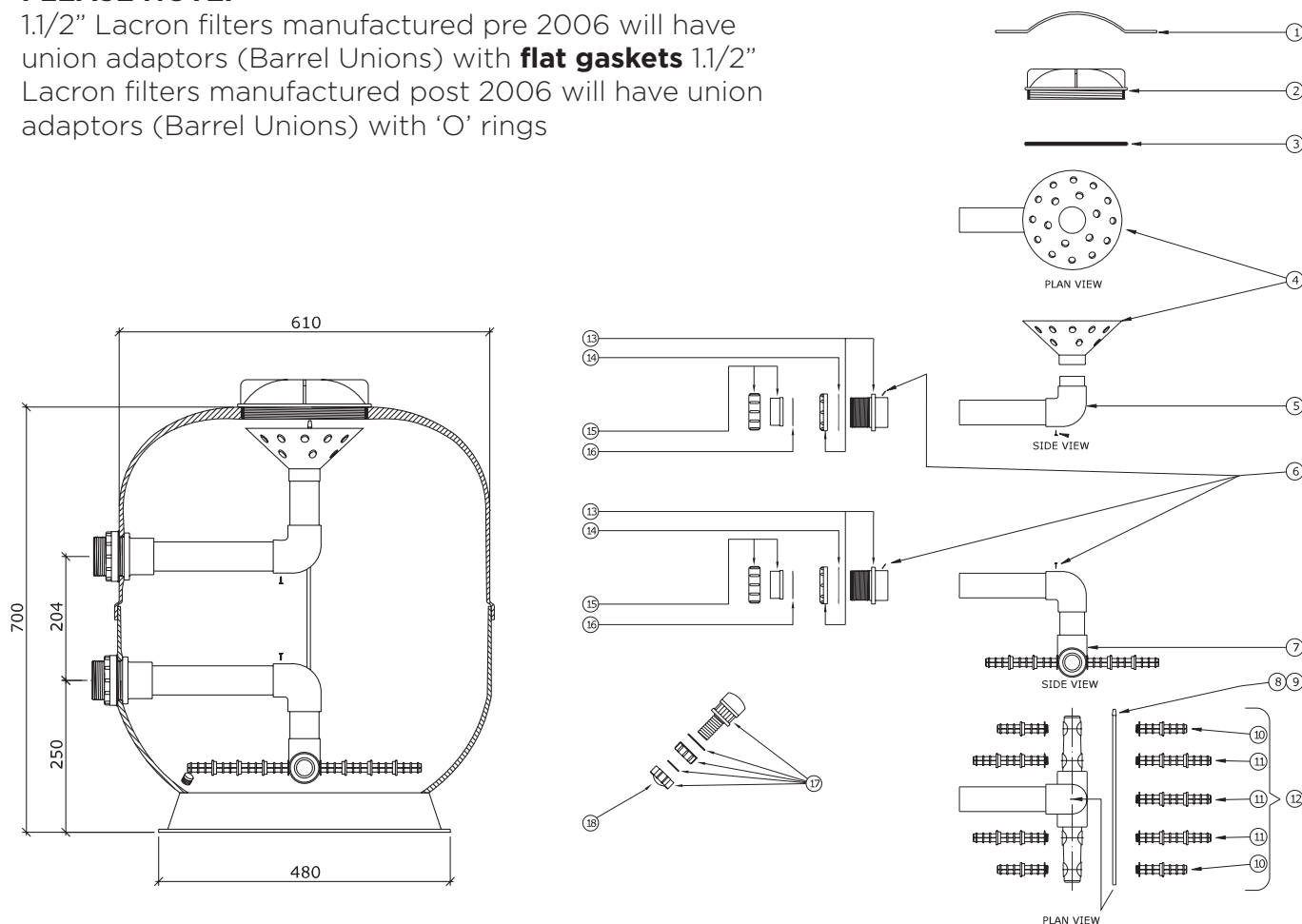
Product Code: K222024N

Part Number	Product Description	Diagram No.
1304A	Lid Removal Tool (8" New Type) Metal	1
W22235	Lid removal tool Plastic	n/s
62092920HBG	8" Lid Polycarbonate (Pre 2022)	2
621053HBG	Lid 'O' Ring 8" (Pre 2022)	3
6209291	SM 8" Lid (Post 2023)	
62026	'O' Ring for Lock Ring	
62024BLK	Lock Ring for 8" Lid (Post 2023)	
W02066	Rose Distributor	4
1366 (W32363)	1.5" Header (Less Rose)	5
1671	3/4" Self Tap Screw (Pack Of 10)	6
W22216	24" - 1.5" Underdrain Less Candles	7
17102 (W02558)	24" Lacron Airbleed	8
W12045	Air Bleed Cap. Also order 1 x 85251 Rubber Grommit @ £0.85	9
62096007HBG	120Mm Lateral (Candle) (X 4 required per filter)	10
62096008HBG	180Mm Lateral (Candle) (X 6 required per filter)	11
W22218 (1394)	Lateral (Candle) Set	12
1222400HBG	1.5" Bulkhead Fitting (Plus Nut)	13
W02268HBG	1.5" Bulkhead Gasket (Set Of 2)	14
W32554-2HBG	1.5" Union Adaptor Nut And Sleeve (Set Of 2)	15
W32702-HBG	1.5" Union Adaptor 'O' Ring (Set Of 2)	16
620960015HBG	Drain Plug Complete	17
W02522C	Drain Plug Cap	18
W04003PP	24" Base Stand	n/a

PRE 2006		
W02992-2HBG	1.5" Adaptor Union (Plus Sleeve) (Set Of 2)	15
W12332-2HBG	1.5" Adaptor Gasket (Set Of 2)	16
W02989	1.5" Bulkhead Fitting Including Nut	13
W02268HBG	1.5" Bulkhead Gasket	14

PLEASE NOTE:

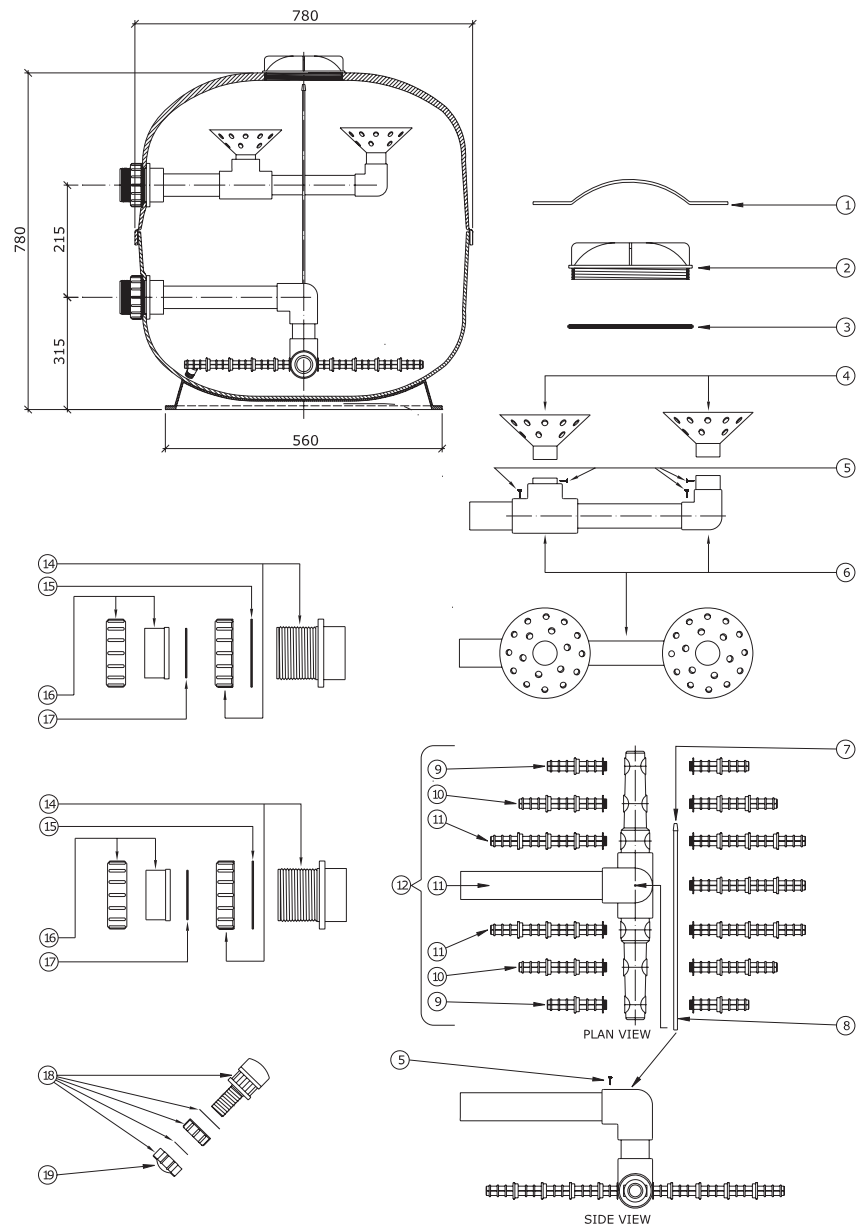
1.1/2" Lacron filters manufactured pre 2006 will have union adaptors (Barrel Unions) with **flat gaskets** 1.1/2" Lacron filters manufactured post 2006 will have union adaptors (Barrel Unions) with 'O' rings



Lacron LSR-30

Product Code: 222030N

Part Number	Product Description	Diagram No.
1304A	Lacron Lid Removal Tool (8" New Type)	1
W22235	Lid Removal Tool Plastic	n/s
62092920HBG	8" Lid Polycarbonate (Pre 2022)	2
621053HBG	Lid 'O' Ring 8" (Pre 2022)	3
6209291	SM 8" Lid (Post 2023)	
62026	'O' Ring for Lock Ring	
62024BLK	Lock Ring for 8" Lid (Pst 2023)	
W02066	Rose Distributor	4
1671	3/4" Self Tap Screw (Pack Of 10)	5
1370	2" Header (Less Rose)	6
W12045	Air Bleed Cap. Also order 1 x 85251 Rubber Grommit @ £0.85	7
17103 (W02558)	30" Lacron Airbleed	8
62096007HBG	120mm Lateral (Candle) (X 4 required per filter)	9
62096008HBG	180mm Lateral (Candle) (X 4 required per filter)	10
62096009HBG	240mm Lateral (Candle) (X 6 required per filter)	11
W22219 (1395)	Lateral (Candle) Set	12
W22217	30" - 2" Underdrain Less Candles	13
W12065	2" Bulkhead Fitting (Plus Nut)	14
W12252HBG	2" Bulkhead Gasket (Set Of 2)	15
W02990-2HBG	2" Adaptor Union (Plus Sleeve) (Set Of 2)	16
W12253-2HBG	2" Adaptor Gasket (Set Of 2)	17
620960015HBG	Drain Plug Complete	18
W02522C	Drain Plug Cap	19
W04004PP	30" Base Stand	n/a



Lacron LSR-36 - 2" Ports

Product Code: 2220361

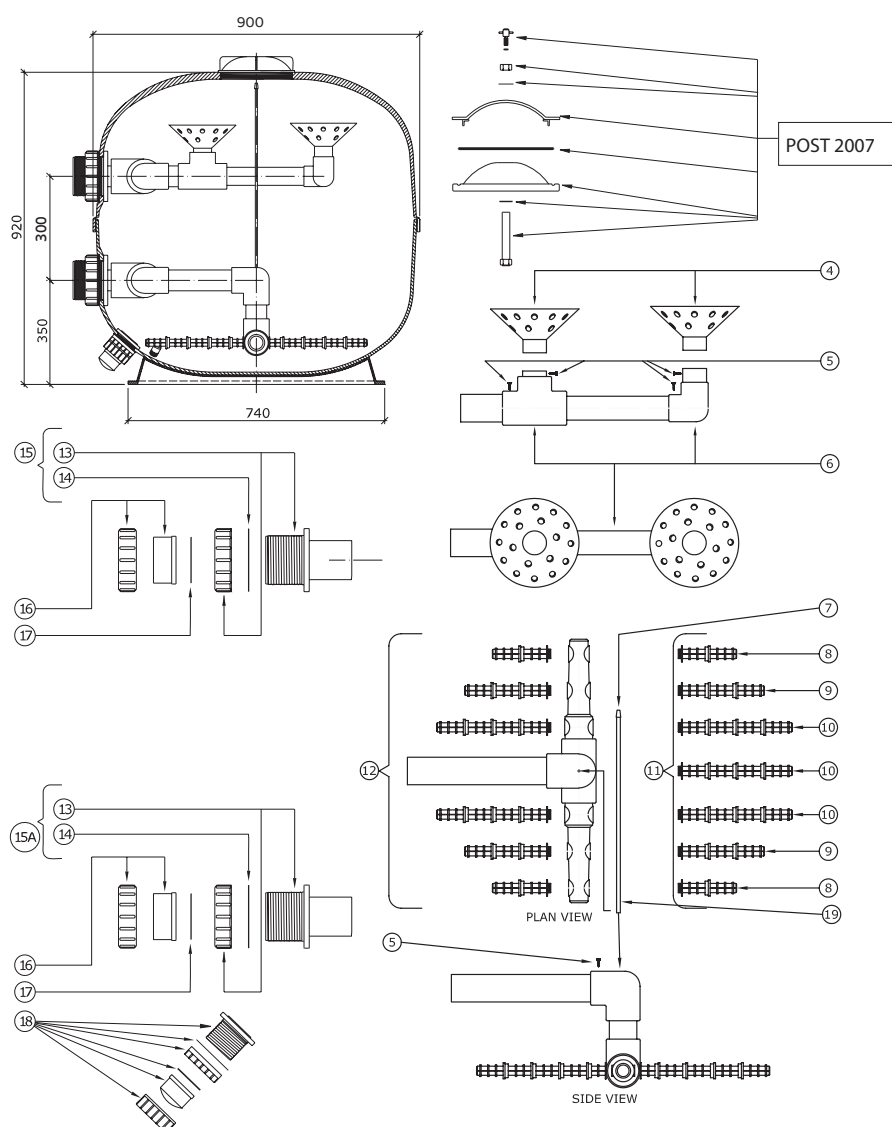
Part Number	Product Description	Diagram No.
W02066	Rose Distributor	4
1671	3/4" Self Tap Screw (Pack Of 10)	5
1370	2" Header (Less Rose)	6
W12045	Air Relief Tube Screen	7
17104 (W02558)	36" Lacron Airbleed (840mm)	19
62096007HBG	120mm Lateral (Candle) (X 4 required per filter)	8
62096008HBG	180mm Lateral (Candle) (X 4 required per filter)	9
62096009HBG	240mm Lateral (Candle) (X 6 required per filter)	10
1395A	Lateral (Candle) Set	11
1388B	2" Underdrain Less Candles	12
62096014HBG	2" Bulkhead Fitting (Plus Nut)	13
W12252HBG	2" Bulkhead Gasket (Set Of 2)	14
W02990-2HBG	2" Adaptor Union (Plus Sleeve)	16
W12253-2HBG	2" Adaptor Gasket (Set Of 2)	17
W04058BLK	40mm Drain Plug Complete	18
W04854	36" Base Stand	n/s

For filters supplied prior to Clamp Style Lid

1304A	Lacron Lid Removal Tool (8" New Type)	n/s
62092920HBG	Lacron Lid (Polycarbonate 8" New Type)	n/s
621053HBG	Lacron Lid 'O' Ring	n/s

Post 2007 'Clamp Lid'

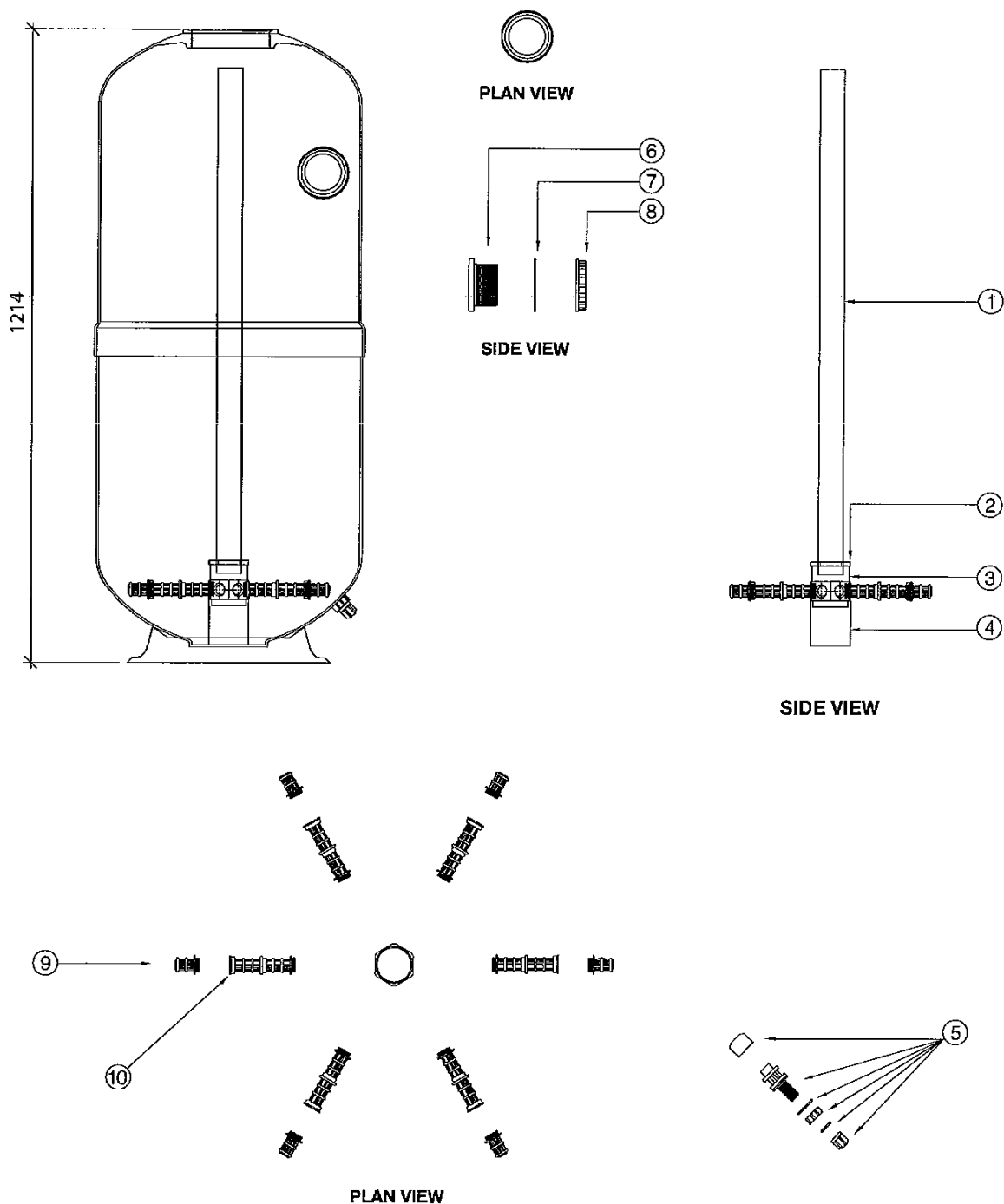
W12076	Nylon Air Relief Tap + 'O' Ring	
W12248	Lid Retaining Clamp C/W Screw & Nut	
W02933 (1993)	Small Oval Lid O Ring	
W12135	Small Oval Lid	



Lacron Plus Top Mount-20

Product Code: 2220200

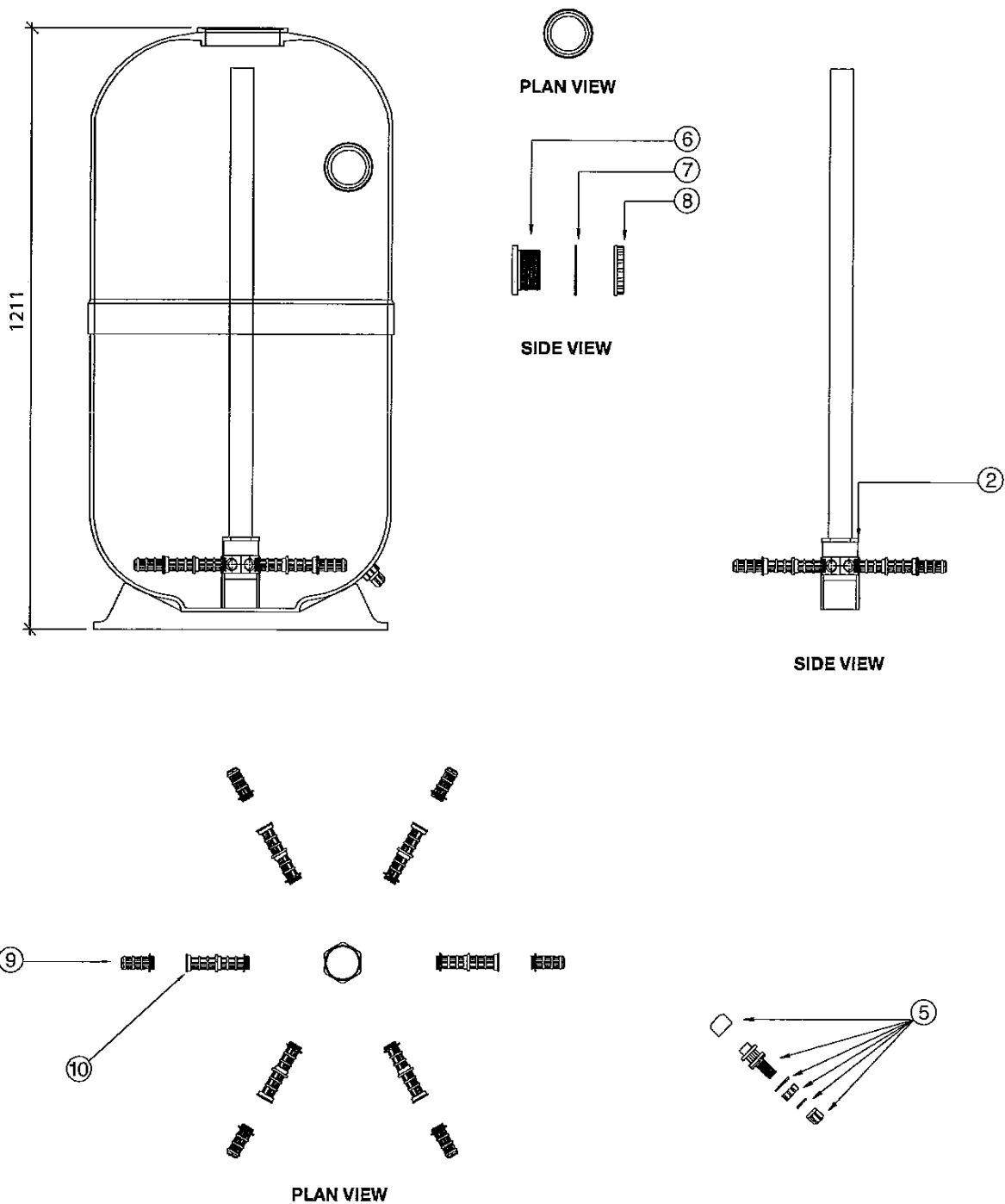
Part Number	Product Description	Diagram No.
W99019	Pipe 1.5"	1
12555BLK	REDUCING BUSH 50 X 40	2
W12241	Hexagonal Manifold	3
116512	Pipe 65mm CL 12	4
620960015HBG	Drain Plug Complete 15mm	5
W22314	Sight glass 2" moulded	6
W02080	Gasket sight glass 2"	7
W02567	B/H lock Nut 2"	8
W02986	Candle 40mm capped (6 required per filter)	9
W02991	Candle 120mm open (6 required per filter)	10



Lacron Plus Top Mount-24

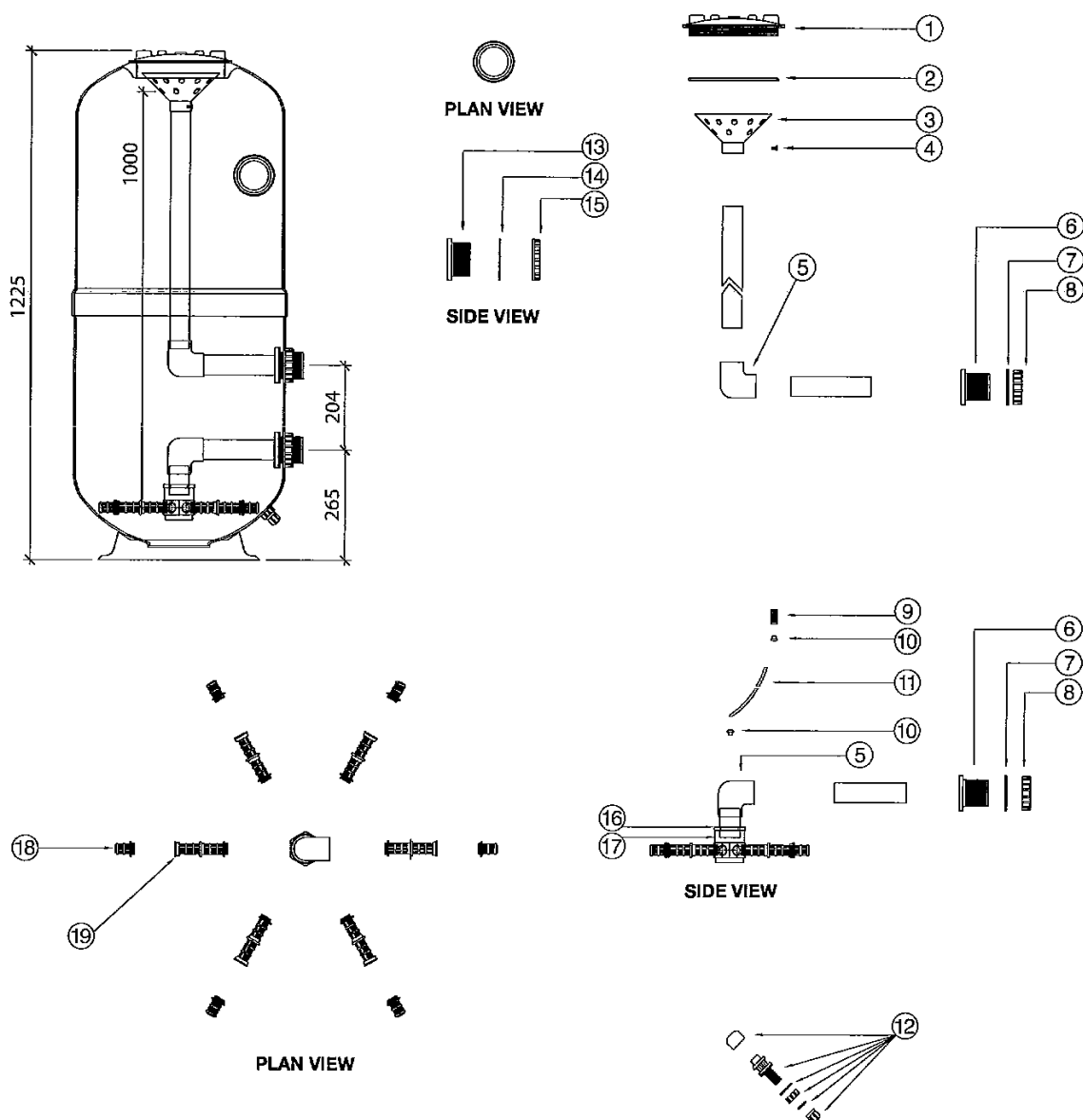
Product Code: 2220240

Part Number	Product Description	Diagram No.
12555BLK	Reducing Bush 50 X 40	2
620960015HBG	Drain Plug Complete 15mm	5
W22314	Sight glass 2" moulded	6
W02080	Gasket sight glass 2"	7
W02567	B/H lock Nut 2"	8
W02986	Candle 40mm capped (6 required per filter)	9
W02991	Candle 120mm open (6 required per filter)	10



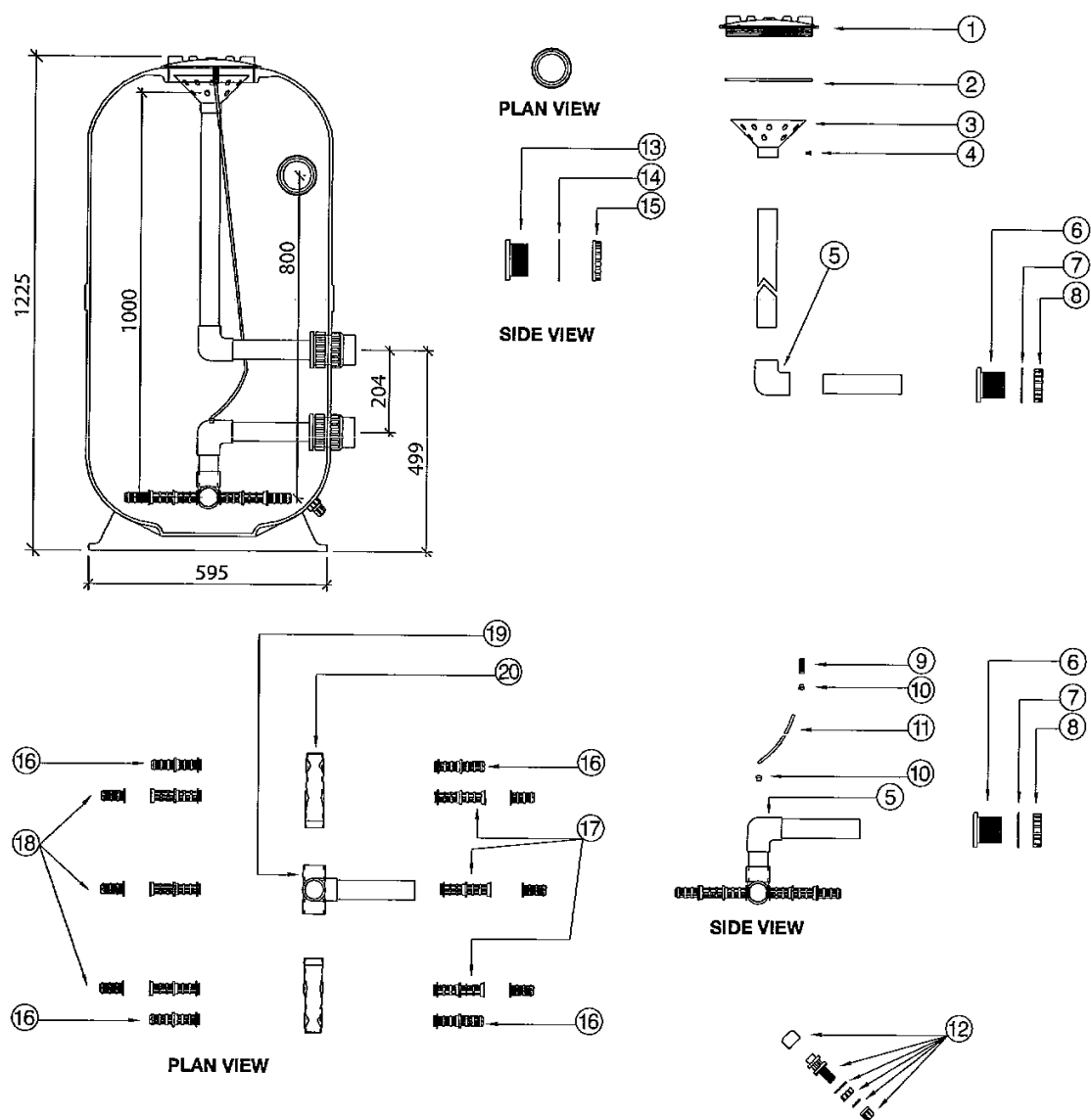
Lacron Plus Side Mount-20

Part Number	Product Description	Diagram No.
1304A	Lid removal tool (8" new type)	
W22235	Lacron Lid removal tool - Plastic	
62092920HBG	Lid (New type 8") Polycarbonate	1
621053HBG	Lid 'O' Ring	2
W02066	Rose distributor	3
W02214	Screw 8 x 5/8"	4
121340	Elbow 90deg. 50mm (Qty 2 required per filter)	5
W02272BLK	Bulkhead threaded body 50mm Black (Qty 2 required per filter)	6
W02268	Gasket Bulkhead body 50mm (Qty 2 required per filter)	7
W02271BLK	Bulkhead lock nut (Qty 2 required per filter)	8
W02289	Air Relief Tube Screen	9
85251	Gulfstream Plug (Qty 2 required per filter)	10
W02558	Airbleed Tube (1 m)	11
620960015HBG	Drain Plug complete 15mm	12
W22314	Sight glass 2" Moulded	13
W02080	Gasket Sight glass 2"	14
W02567	B/Head Lock Nut 2"	15
W1255BLK	Reducing Bush	16
W12087	Hexagonal manifold	17
W02986	Candle 40mm capped (Qty 6 required per filter)	18
W02991	Candle 120mm open (Qty 6 required per filter)	19



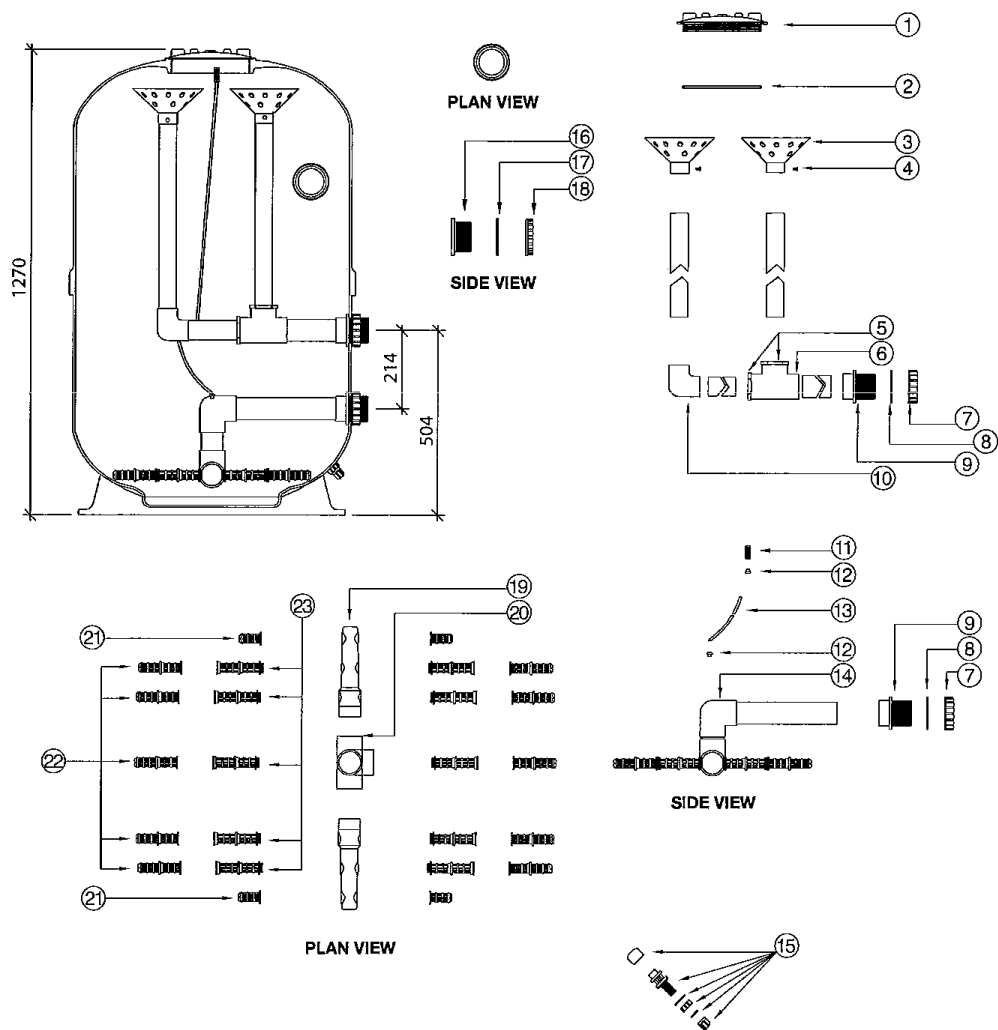
Lacron Plus Side Mount-24

Part Number	Product Description	Diagram No.
1304A	Lid removal tool (8" new type)	n/s
W22235	Lacron Lid removal tool - Plastic	n/s
62092920HBG	Lid (New type 8") Polycarbonate	1
621053HBG	Lid 'O' Ring	2
W02066	Rose distributor	3
W02214	Screw 8 x 5/8"	4
121340	Elbow 90deg. 50mm (Qty 2 required per filter)	5
W02272BLK	Bulkhead threaded body 50mm Black (Qty 2 required per filter)	6
W02268	Gasket Bulkhead body 50mm (Qty 2 required per filter)	7
W02271BLK	Bulkhead lock nut (Qty 2 required per filter)	8
W02289	Air Relief Tube Screen	9
85251	Gulfstream Plug (Qty 2 required per filter)	10
W02558	Airbleed Tube (1 M)	11
620960015HBG	Drain Plug complete 15mm	12
W22314	Sight glass 2" Moulded	13
W02080	Gasket Sight glass 2"	14
W02567	B/Head Lock Nut 2"	15
W02985	Candle 120mm capped (Qty 4 required per filter)	16
W02991	Candle 120mm open (Qty 6 required per filter)	17
62096006HBG	Candle 60mm capped (Qty 6 required per filter)	18
W12086	Tapped Tee	19
W12088	Tapped 2 Hole collector	20



Lacron Plus Side Mount-30

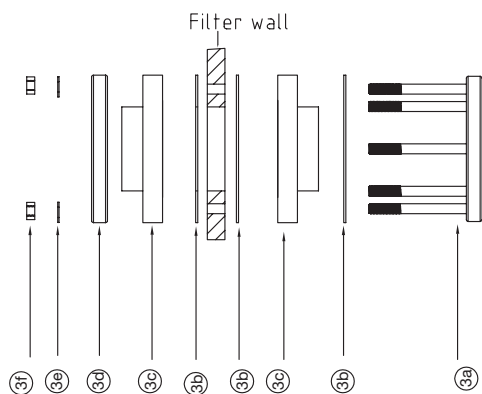
Part Number	Product Description	Diagram No.
1304A	Lid removal tool (8" new type)	n/s
W22235	Lacron Lid removal tool - Plastic	n/s
62092920HBG	Lid (New type 8") Polycarbonate	1
621053HBG	Lid 'O' Ring	2
W02066	Rose distributor (Qty 2 required per filter)	3
W02214	Screw 8 x 5/8"	4
12555BLK	Reducing Bush	5
121950	2" Tee	6
W12066	B/head lock nut 2" (Qty 2 required per filter)	7
W12252	Gasket B/head (Qty 2 required per filter)	8
W12067	B/head body 2" (Qty 2 required per filter)	9
121340	Elbow 90deg. 50mm (Qty 2 required per filter)	10
W02289	Air Relief Tube Screen	11
85251	Gulfstream Plug (Qty 2 required per filter)	12
W02558	Airbleed Tube (1 M)	13
121350	Elbow 2"	14
620960015HBG	Drain Plug complete 15mm	15
W22314	Sight glass 2" Moulded	16
W02080	Gasket Sight glass 2"	17
W02567	B/Head Lock Nut 2"	18
W12089	Tapped 3-Hole Collector	19
W12119	Tapped Tee 2"	20
62096006HBG	Candle 60mm capped (Qty 4 required per filter)	21
W02985	Candle 120mm capped (Qty 4 required per filter)	22
W02991	Candle 120mm open (Qty 6 required per filter)	23



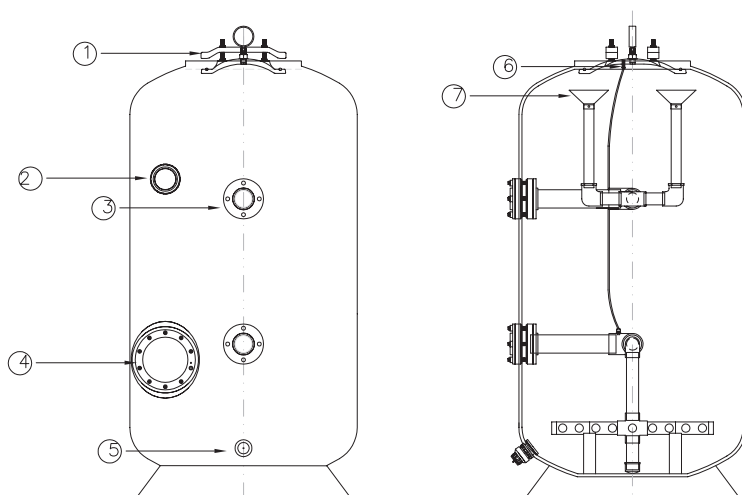
SMD / SMDD Side Mount Deep Bed Filters

Part Number	Product Description	Nos.	Diagram No.
W12720	Man Hole Cover 4 Stud Complete		1
6209430	Lid Yoke Lacron (2 required)		
620266 (W02536)	O Ring Manhole Cover Oval 4 Stud - Waterco		
634080BLK	Barrel Union Lock Nut 80mm Black (2 required -SMD only)		3
12221011	4" Imperial Half Union		
12221008	110mm Metric Half Union		
12221009	Lock Ring		
W02249	O B/U 90mm O ring -SMD only		3
W02553	O B/U 110mm O ring - SMD only		3
62380	Sight Glass 3" Complete (Post 2008)		2
W12299	Side Manhole Cover 18 Hole Oval		4
W12050FG	Side Hatch Round 200mm		4
W12300	Gasket for Side Manhole Oval 18 Hole		4
W12216	O Ring G210 for Side Hatch Round 200mm		4
620960015HBG	Drain Plug complete 15mm		5
W04058BLK	Drain Plug complete 40mm		5
6209305	Drain Plug complete 50mm		5
620936	Drain Plug Assembly Connector 1" BSPT		
W02066	Funnel For Port Size 3" & 4" (90mm & 110mm) (4 required) & 50mm		7
621013	Funnel for Port Size 6" (150mm) (4 required)		7
W02289	Air Relief Tube Screen		6
W02558	Flexible Air Bleed Tube (Per Metre)		
85251	Gulfstream Plug (2 required)		6
W02539	Bulkhead gasket 4"/110mm		
12221006	Bulkhead locknut 4"/110mm		
12221007	Bulkhead threaded body 4"/110mm		
62096017HBG	3" bulk head (1per bag)		
W02250 (6019)	Gasket Bulkhead Body 3"		

For pressure gauges - see page 14 of main price list



Part Number	Product Description	Nos.	Diagram No.	Port Size
W22634	Flange Stud Ring	2	3a	3"
W22139		2		4"
W22140		2		6"
1216801	Gasket Flange	6	3b	3"
63453063		6		4"
W02251		6		6"
1216803	PVC Flange	4	3c	3"
12161004		4		4"
W12540		4		6"
W22633	Flange Clamp Ring	2	3d	3"
W22141		2		4"
W22142		2		6"
W12126	Washer SS304	8	3e	3"
W12126		16		4"
W12539		16		6"
W12912	Hex Nut SS304	8	3f	3"
W12912		16		4"
W12910		16		6"



SMD / SMDD Side Mount Deep Bed Filters

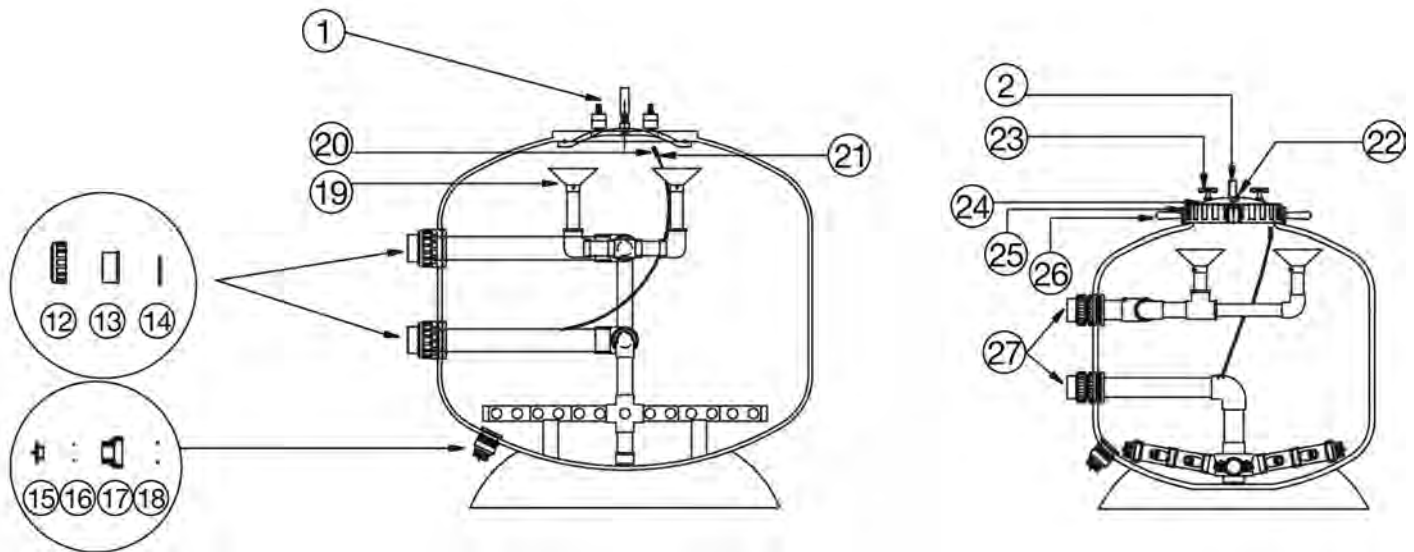
Part No:		W02111PP	W02112PP	W02113PP	W02114PP	W02117PP	W02158PP	W12073	W02156	W02157	6200912	W02269BLK	W02270BLK
Model	Manifold	LATERALS				Lateral End Cap Nut	Lateral End Plug (male)	HRZ Cross Tee	HRZ LCT Extension	HRZ LCT End Cap	Extension Arm	Cap Body	Cap Nut
SMD/SMDD400	50mm	8	-	-	-	8	-	-	-	-	-		
SMD/SMDD500	50mm	-	-	8	-	8	-	-	-	-	-		
SMD/SMDD600	50mm	8	8	-	-	8	-	-	-	-	-		
SMD/SMDD750	63mm	8	-	8	-	8	-	-	-	-	-		
SMD/SMDD900 63mm Port	63mm	8	-	-	8	8	-	-	-	-	-		
SMD/SMDD900 90mm Port	-	4	22	4	2	36	4	2	8	4	-		
SMD/SMDD1050 63mm Port	63mm	-	8	8	-	8	-	-	-	-	-		
SMD/SMDD1050 75mm Port	75mm	8	16	-	12	20	-	-	-	-	8	4	4
SMD/SMDD1050 90mm Port	-	8	20	10	4	32	4	2	8	4	-		
SMD/SMDD1200 63mm Port	63mm	8	-	-	16	8	-	-	-	-	-		
SMD/SMDD1200 75mm Port	75mm	16	4	20	12	28	-	-	-	-	12	4	4
SMD/SMDD1200 90mm Port	-	2	26	8	6	32	4	2	8	4	-		
SMD/SMDD1200 90Port wLateral manhole#620947	-	3	6	25	6	32	4	2	8	4	-		
SMD/SMDD1200 110mm Port	-	4	4	4	36	-	48	-	-	-	-		
SMD/SMDD1400 90mm Port	-	8	8	36	14	48	4	2	12	4	-		
SMD/SMDD1400 110mm Port	-	10	8	12	32	-	52	-	-	-	-		
SMD/SMDD1600 90mm Port	-	4	16	42	18	48	4	2	12	4	-		
SMD/SMDD1600 110mm Port	-	10	22	22	38	-	60	-	-	-	-		
SMD/SMDD1600 160mm Port		18	8	80	14	-	68	-	-	-	-		
SMD/SMDD1800 110mm Port	-	8	42	22	68	-	76	-	-	-	-		
SMD/SMDD1800 160mm Port	-	46	4	22	68	-	76	-	-	-	-		
SMD/SMDD2000 110mm Port	-	2	52	20	74	-	80	-	-	-	-		
SMD/SMDD2000 160mm Port	-	22	54	30	68	-	80	-	-	-	-		
SMD/SMDD2000 160Port wLateral manhole #620947		22	53	29	68		80	-	-	-	-		
SMDD2200 160mm Port	-	64	34	30	88	-	96	-	-	-	-		
SMD/SMDD2350 160mm Port	-	4	62	42	122	-	104	-	-	-	-		
SMD/SMDD2500 160mm Port	-	54	4	20	160	-	108	-	-	-	-		

For prices, please see page 31

Micron Side Mount Commercial Filters

Part Number	Product Description	Diagram No.
W12720	Man Hole Cover 4 Stud Complete	1
6209430	Lid Yoke Lacron (2 required)	
620266 (W02536)	O Ring Manhole Cover Oval 4 Stud - Waterco	
634080BLK	3" Half Union Black (2 required)	12/13/14
634080EBLK	90mm half union black	12/13/14
6340801	110mm Half Union Black (2 required)	12/13/14
W02249	O Ring B/U 90mm	14
W02553	O Ring B/U 110mm	14
W04058BLK	Drain Plug complete 40mm	15/16/17/18
W02066	Funnel For Port Size 3" & 4" (90mm & 110mm) (4 required)	19
W02558	Flexible Air Bleed Tube (Per Metre)	20
W02289	Air Relief Tube Screen	20
85251	Gulfstream Plug (2 required)	21
620221	Air Relief Valve	22
6202321	Handle for lid 12" (2 required)	23
W02630	Lid 12"	24
620232	Lock Ring 12"	25
6202321	Screwed handle for 12" lock ring (4 required)	26
62027	lid o ring 12"	26
63406565BLK	Half union 65mm c/w O ring (2 required)	27
W02539	Bulkhead gasket 4"/110mm	
12221006	Bulkhead locknut 4"/110mm	
12221007	Bulkhead threaded body 4"/110mm	

For pressure gauges - see page 14 of main price list



Part No:		W02111PP	W02112PP	W02113PP	W02114PP	W02117PP	W02158PP	W12073	W02156	W02157	6200912	W02269BLK	W02270BLK
		LATERALS				Lateral End Cap Nut	Lateral End Plug (male)	Hzr Cross Tee	Hzr LCT Extension	Hzr LCT End Cap	Extension Arm	Cap Body	Cap Nut
Model	Manifold	75mm	110mm	145mm	200mm								
SM1050 75mm Port	65mm	8	16	-	12	20	-	-	-	-	8	4	4
SM1050 80mm	80mm	8	20	10	4	32	4	2	8	4	-	-	-
SM1200 75mm Port	65mm	16	4	20	12	28	-	-	-	-	12	4	4
SM1200	-	2	26	8	6	32	4	2	8	4	-	-	-
SM1400	-	8	8	36	14	48	4	2	12	4	-	-	-
SM1600 90mm Port	-	4	16	42	18	48	4	2	12	4	-	-	-
SM1600 110mm Port	-	10	22	22	38	-	60	-	-	-	-	-	-
SM1800	-	8	42	22	68	-	76	-	-	-	-	-	-
SM2000	-	2	52	20	74	-	80	-	-	-	-	-	-
SM2200 110mm Port	-	20	34	78	88	-	96	-	-	-	-	-	-
SM2200 160mm Port	-	64	34	30	88	-	96	-	-	-	-	-	-

SPDD Side Mount Deep Bed Commercial Filters

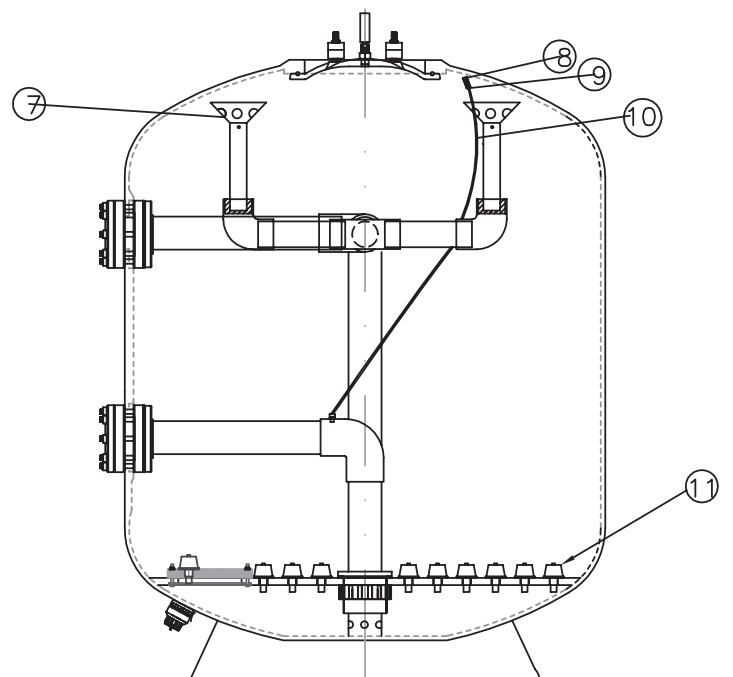
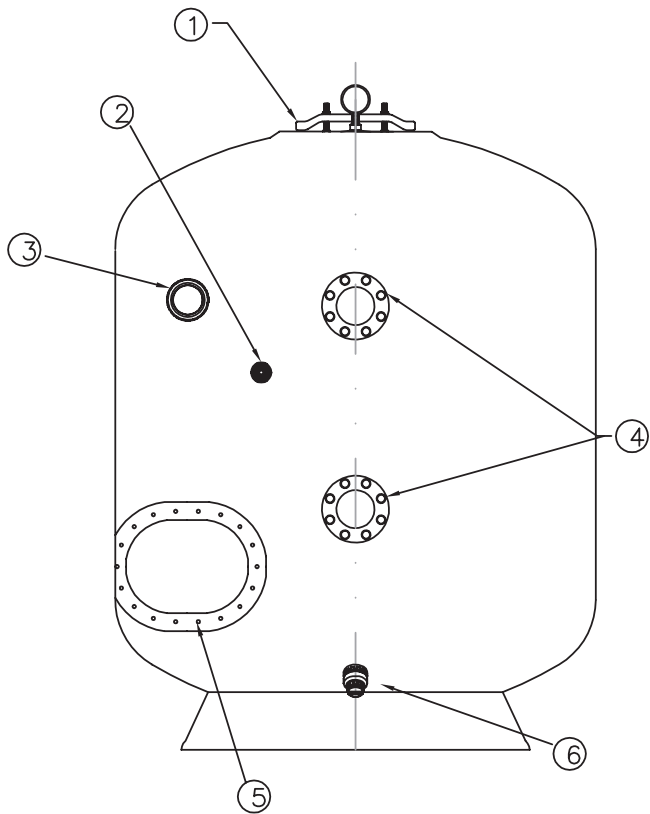
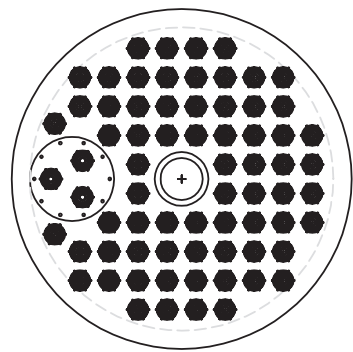
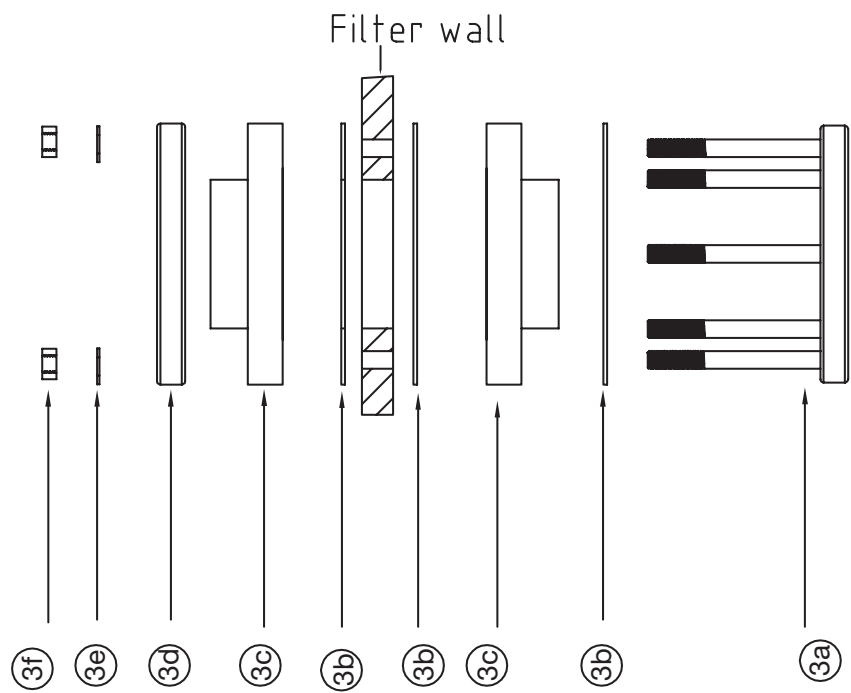
Part Number	Product Description	Nos.	Diagram No.
W12720	Man Hole Cover 4 Stud Complete		1
6209430	Lid Yoke Lacron (2 required)		
W02536	O Ring Manhole Cover Oval 4 Stud - Waterco		
634080BLK	3" Half Union (80mm) with Nut & O-Ring Black		
6340801	Half Union Black (2 required)		
W02249	O B/U 90mm		
W02553	O B/U 110mm		
62380	Sight Glass 3" Complete (Post 2008)	3	
W12132	Sight Glass 3" Acrylic Cap (Pre 2008)	3	
W12299	Side Manhole Cover 18 Hole Oval	5	
W12050FG	Side Hatch Round 200mm	5	
W12300	Gasket for Side Manhole Oval 18 Hole	5	
W12216	O Ring G210 for Side Hatch Round 200mm	5	
620960015HBG	Drain Plug complete 15mm	6	
W04058BLK	Drain Plug complete 40mm	6	
6209305	Drain Plug complete 50mm	6	
620936	Drain Plug Assembly Connector 1" BSPT		
W02066	Funnel For Port Size 3" & 4" (90mm & 110mm) (4 required) & 50mm	7	
621013	Funnel for Port Size 6" (160mm) (4 required)	7	
W02558	Flexible Air Bleed Tube (Per Metre)	8	
W02289	Air Relief Tube Screen	20	
85251	Gulfstream Plug (2 required)		
1547	Filter Nozzle		
	Numbers of nozzles required for model:-		
	SPDD1050 (80mm port) - 59 required		
	SPDD1200 (80mm port) - 71 required		
	SPDD1400 (100mm port) - 101 required		
	SPDD1600 (100mm port) - 139 required		
	SPDD1800 (150mm port) - 187 required		
	SPDD2000 (150mm port) - 207 required		
	SPDD2200 (150mm port) - 263 required		
	SPDD2350 (150mm port) - 317 required		

For pressure gauges - see page 14 of main price list

* For diagram and flange fittings please see next page

Part Number	Product Description	Nos.	Diagram No.	Port Size
W22634	Flange Stud Ring	2	3a	3"
W22139		2		4"
W22140		2		6"
1216801	Gasket Flange	6	3b	3"
63453063		6		4"
W02251		6		6"
1216803	PVC Flange	4	3c	3"
12161004		4		4"
W12540		4		6"
W22633	Flange Clamp Ring	2	3d	3"
W22141		2		4"
W22142		2		6"
W12126	Washer SS304	8	3e	3"
W12126		16		4"
W12539		16		6"
W12912	Hex Nut SS304	8	3f	3"
W12912		16		4"
W12910		16		6"

SPDD Side Mount Deep Bed Commercial Filters



Micron Horizontal Commercial Sand Filters

Part Number	Product Description	M Series	MD Series	Diagram No.
W24319	Manhole Cover 600 Oval MK2 Complete		1	2
W12557	Manhole Cover 4-Stud Oval Pewter Complete	1		2
W22110	Nut Hex M22 S/S304		8	3
W12127	Nut Hex M16 S/S304	4		3
W22109	Washer M22 Full Face SS304		8	4
W12126	Washer M16 Full S/304	8		4
W24321	Manhole Cover Clamp 600mm Hole 24mm		2	5
6209430	Lid Yoke Lacron	2		5
W12324	Hex Thin Nut S/S M16	4		6
W12114	Manhole Cover 600mm O-Ring 674 x 534 x 12		1	7
2611A (W12304)	O-Ring M/H Cover 4-Stud Lacaron L2611	1		7
W24320	Manhole Cover 600mm Oval 24mm Hole		1	8
W12558	Manhole Cover 4-Stud Oval Pewter	1		8
W22118L	Sand Drain 90mm Long Complete		1	9
W02253BLK	B/U Locking Nut 90mm Black		1	10
W22117	Sand Drain Cap 90mm		1	11
W02249	O-Ring 90mm BU EDPM		1	12
W02254B	Bulkhead Lock Nut 90mm Black		1	13
W02250 (6019)	Gasket Bulkhead Body 3"		1	14
W02252BL	Bulkhead Threaded Body 90mm Black Long		1	15
6209305	Drain Plug 50mm Complete Black		1	16
W04058BLK	Drain Plug Complete 50mm Black	1		16
W02270BLK	Drain Plug End Cap 50mm Black	1	1	17
W02267	Drain Plug 50mm "O" Ring	1	1	18
W02971	Drain Plug Body 63mm Black		1	19
W02269BLK	Drain Plug Body 50mm Black	1		19
W02280	O Ring 63mm B/U Nitrile		1	20
W02213	O Ring 50mm B/U EPDM	1		20
620921	Lateral Waterco 75mm	1	1	21
6209251	Lateral End Cap Screw	1	1	22
W02567	Bulkhead Locking Ring 63mm BLK		1	23
W02271BLK	Bulkhead Locknut 50mm Black	1		23
W02080	Gasket 100 x 81 x 3mm Rubber		1	24
W02268	Gasket 50mm Bulkhead	1		24
W02970	Bulkhead Threaded Body 63mm Long Black		1	25
W02272BLK	Bulkhead Threaded Body 50mm Black	1		25
W32284	Gland Nut Screw PG7	1	1	26
W32283	Gland Nut Stud	1	1	27
W32286	Air Bleed Rigid PVC Black	2.5	2.5	28
85251	Gulfstream Plug	1	1	29
W02289	Air Relief Tube Screen			
W02558	Flexible Air Bleed Tube (Per Metre)	1	1	30

For pressure gauges - see page 14 of main price list

	Funnel				Lateral Under Drain				
Part No:	W22224	W02214	620921	620922	620923	620924	6209251	W22540	W22539
Description	Funnel Plastic 3" Hydrodome	UWL Screw #8 x 5/8 S/S	75mm	110mm	145mm	200mm	End Cap Screw	Lateral Socket 11/2 BSP x 25mm PVC	TEE Lateral Thread x 25mm PVC
M2500 (T-Style, Post 2011)	3	9	-	4	-	64	34	16	16
M3750 150mm (T-Style, Post 2011)	6	18	-	-	6	134	70	34	34
M5000 (T-Style, Post 2011)	10	30	-	-	6	134	70	34	34
MD5000 (T-Style, Post 2011)	5	15	28	12	26	72	38	18	18
MD5500 6" (T-Style, Post 2011)	6	18	36	-	38	76	38	18	18
MD5500 8" (T-Style, Post 2011)	6	18	28	-	30	60	30	14	14
MD6500 8" (T-Style, Post 2011)	6	18	36	-	38	76	38	18	18
MD8000 (T-Style, Post 2011)	8	24	52	-	58	116	58	28	28
MD10000 (T-Style, Post 2011)	10	30	-	68	70	140	70	34	34
Flange Inner Stud Ring 10" ANSI SS316									2

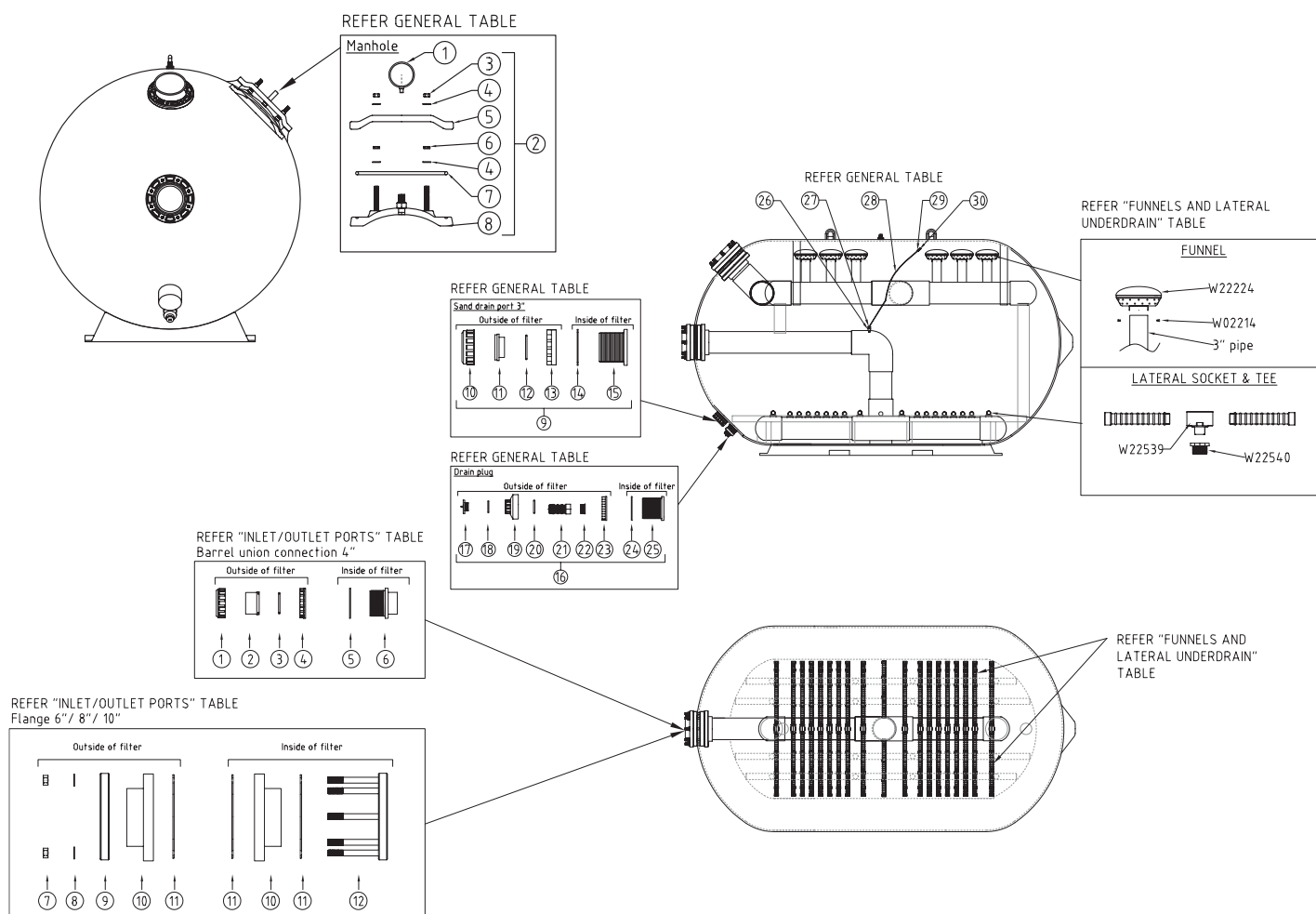
Micron Horizontal Commercial Sand Filters

Inlet / Outlet	Part No:	Description	M2500 (T-Style, Post 2011)
Barrel Union Connection 4"	12221009	Barrel Union Lock Nut 100mm Black	2
	12221011	Barrel Union Plain End 100mm Black	2
	W02553	O Ring 100mm B/U Nitrile	2
	12221006	Bulkhead Lock Nut 100mm Black	2
	W02539	Gasket 100mm Bulkhead	2
	12221007	Bulkhead Body 100mm Black	2

Inlet / Outlet	Part No:	Description	M3750 150mm (T-Style, Post 2011)	M5000 (T-Style, Post 2011)	MD5000 (T-Style, Post 2011)	MD5500 6" (T-Style, Post 2011)
Flange 6"	W12910	Nut Hex 3/4" BSW SS304	16	16	16	16
	W12539	Washer M20 x 50mm x 3mm Flat S/S304	16	16	16	16
	W22142	Flange Clamp Ring 6"	2	2	2	2
	W22545	PVC Flange 6" ANSI SCH80 Vanstone NSF	6	4	4	4
	W02251	Gasket HRZ Filter 280 x 4.5mm	6	6	6	6
	W22140	Flange Inner Stud Ring 6" ANSI	2	2	2	2

Inlet / Outlet	Part No:	Description	MD5500 8" (T-Style, Post 2011)	MD6500 8" (T-Style, Post 2011)	MD8000 (T-Style, Post 2011)
Flange 8"	W12910	Nut Hex 3/4" BSW SS304	16	16	16
	W12539	Washer M20 x 50mm x 3mm Flat S/S304	16	16	16
	W22343	Flange Clamp Ring 8"	2	2	2
	W22936	PVC Flange 8" SCH80 Vanstone NSF	4	4	4
	W12147	Gasket Flange PVC 343 x 5mm	6	6	6
	W22342	Flange Inner Stud Ring 8" ANSI	2	2	2

Inlet / Outlet	Part No:	Description	MD10000 (T-Style, Post 2011)
Flange 10"	W22959	Hex Nut 7/8" UNC SS316	24
	W22960	Washer 7/8" UNC SS316	24
	W22963	Flange Clamp Ring 10"	2
	W22877	PVC Flange 10" SCH80 Vanstone NSF	4
	W22228	Gasket Flange 10" ANSI	6
	W22962	Flange Inner Stud Ring 10" ANSI SS316	2



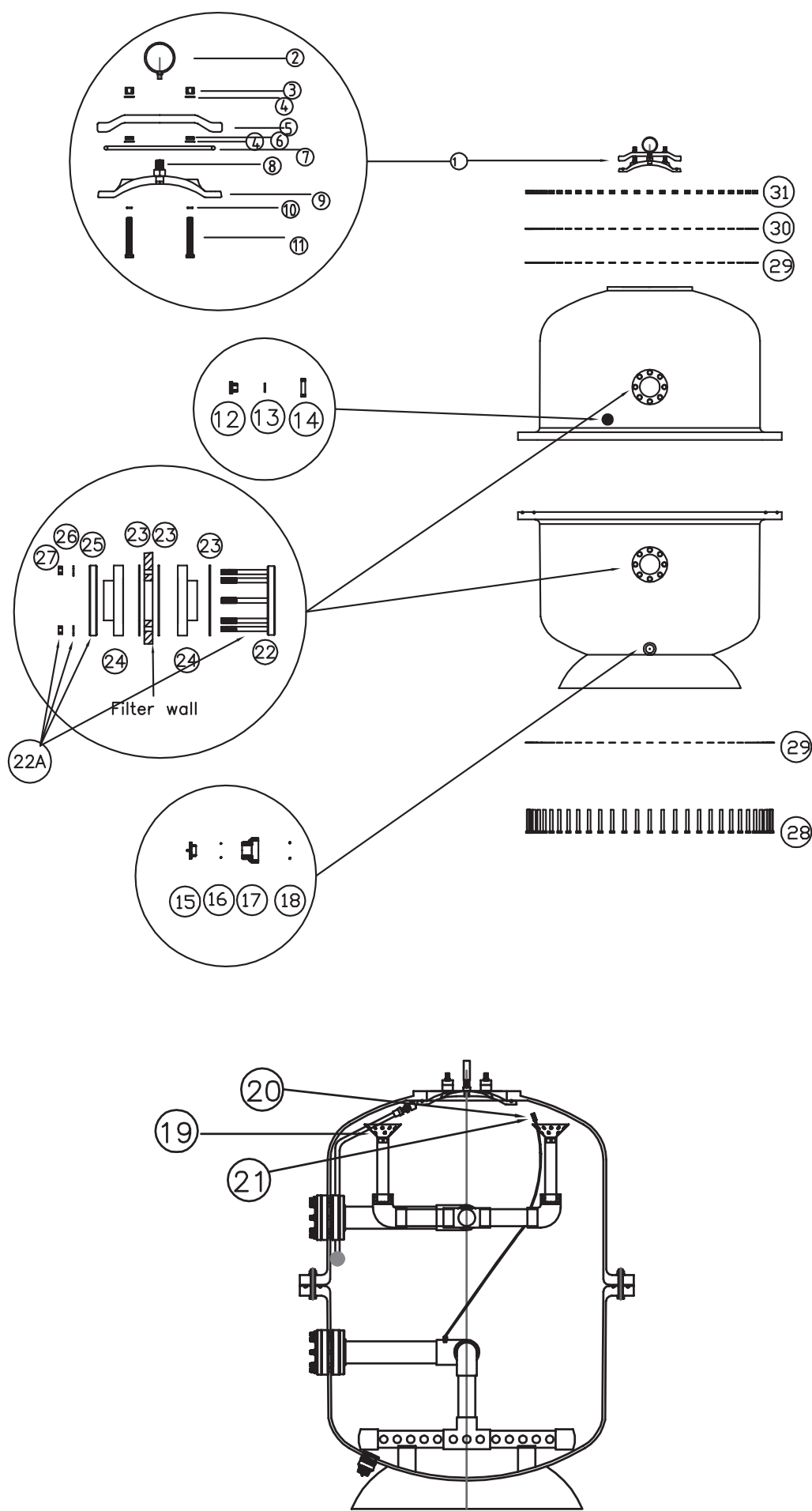
Hydron Split Tank Filter

Product Codes: 23912008014, 223914008014, 223916008014, 223918008014

Part Number	Product Description	Diagram No.
W12720	Manhole cover 4 stud complete	1
W12127	Hex nut M16 (4 Req.)	3
W12126	Washer M16 s/s304 (8 Req.)	4
6209430	Lid yoke Lacron (2 Req.)	5
W12324	Hex thin nut (4 Req.)	6
W12723	O-ring Manhole Cover Oval 4-stud	7
W12724	s/s screw 1" BSW male 1/4" BSP Female thread	8
W12722	Manhole Oval 4 stud	9
W12301	O-ring BS113 (4 Req.)	10
W12125	Hex Bolt (4 Req.)	11
W22348	End Plug 3/4" BSP	12
72591213	o-ring BS213	13
W22349	Lock nut 1 1/2" BSP	14
W02270BLK	Drain Plug 40mm Cap	15
W02267	Drain Plug o-ring 40mm	16
W02269BLK	Drain Plug Body 40mm	17
W02213	o-ring B/U 40mm	18
W02066	Funnel for side mount filters (3" & 4" / 90mm & 110mm)	19
621013	Funnel for side mount filters (6" / 160mm)	19
W02289	Air Relief Tube Screen	20
W02558	Flexible Air Bleed Tube (Per Metre)	20
85251	Gulfstream plug (2 Req.)	21
W22161	Steel flange 3" port	22A
W22139	Inner flange stud ring 4" port (2 Req.)	22
W22140	Inner flange stud ring 6" port (2 Req.)	22
1216801	Flange Gasket 3" (6 Req.)	23
63453063	Flange Gasket 4" (6 Req.)	23
W02251	Flange Gasket 6" (6 Req.)	23
1216803	PVC Stud flange 3" (2 Req.)	24
12161004	PVC Stud flange 4" (2 Req.)	24
W12540	PVC Stud flange 6" (2 Req.)	24
W22141	Flange clamp ring 4"	25
W22142	Flange clamp ring 6"	25
W12126	Washer M16 Full face (3" & 4") (16 Req.)	26
W12539	Washer M20x40x3 (6") (16 Req.)	26
W12912	Hex nut (3" & 4") (16 Req.)	27
W12910	Hex nut (6") (16 Req.)	27
W12090	Bolt 3/4" BSW x 5.5" THRD 50mm	60 Req. for 1200 & 1400 72 Req. for 1600 90 Req. for 1800 28
W12539	Washer -flat	120 Req. for 1200 & 1400 144 Req. for 1600 180 Req. for 1800 29
W22422	Spring washer M20	60 Req. for 1200 & 1400 72 Req. for 1600 90 Req. for 1800 30
W12910	Hex Nut 3/4"BSW SS304	60 Req. for 1200 & 1400 72 Req. for 1600 90 Req. for 1800 31

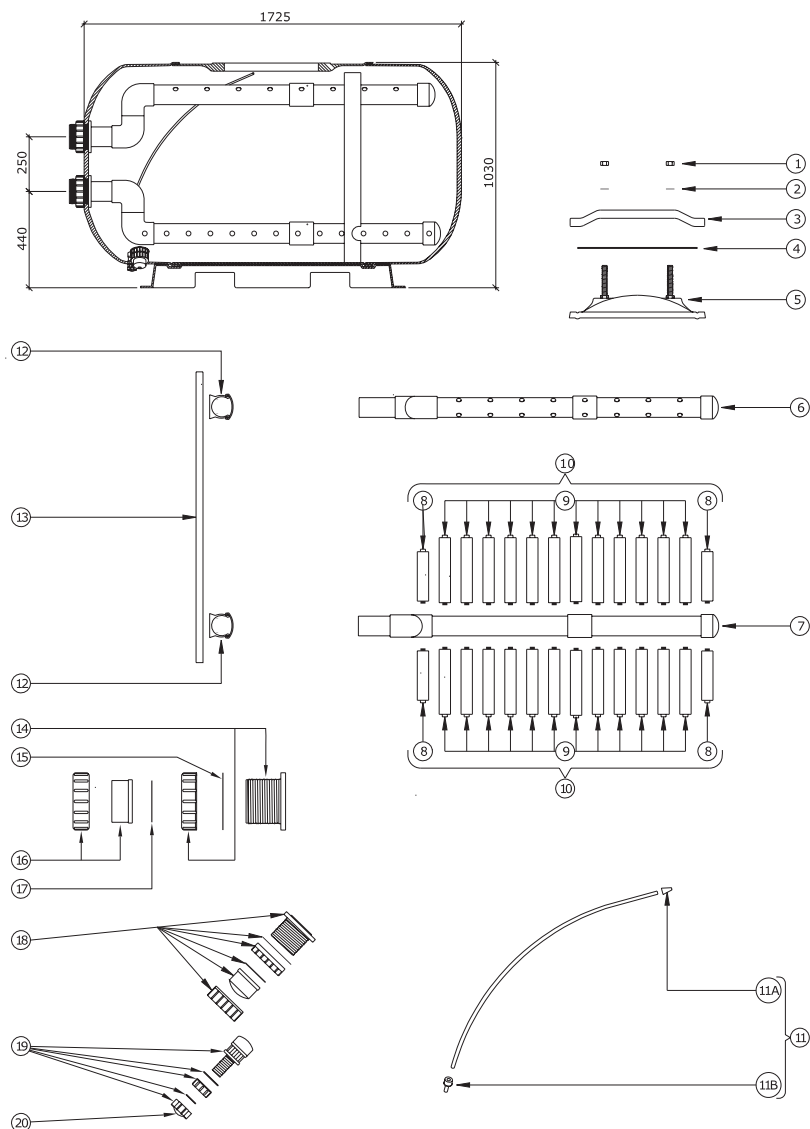
For pressure gauges - see page 14 of main price list

Hydron Split Tank



Lacron HZC-36

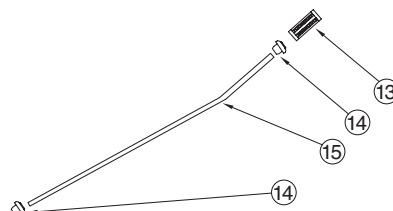
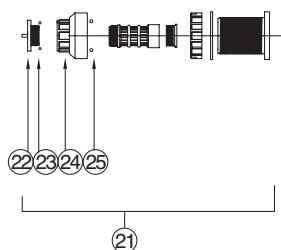
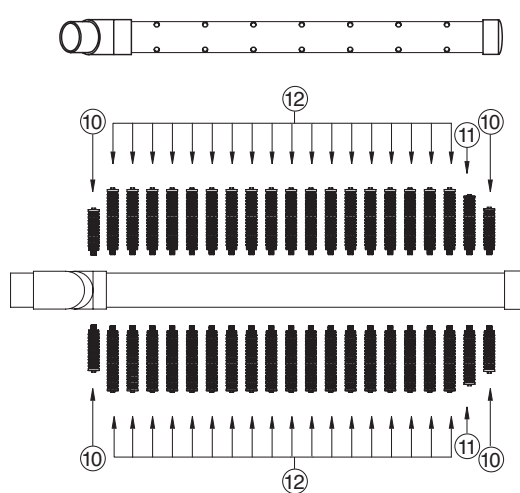
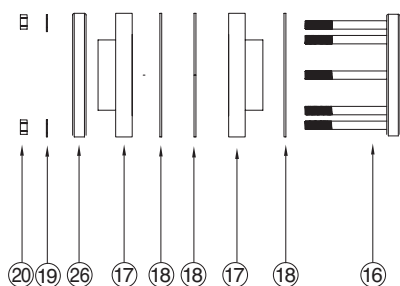
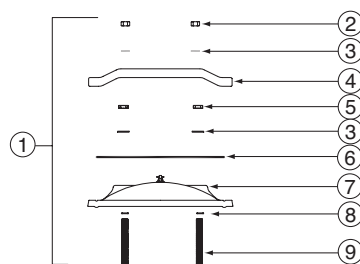
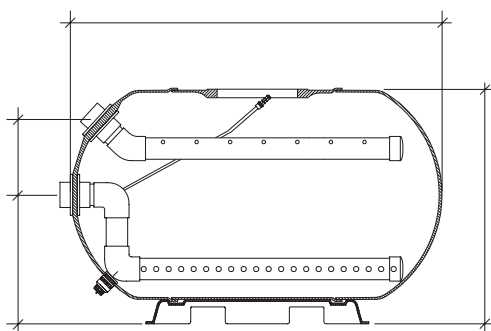
Part Number	Product Description	Diagram No.
1762	M16 S/S Hex Nut	1
1769	M16 S/S Washer (Pack Of 5)	2
6209430	Lacron Lid Yoke Each	3
2611A (W12304)	Lacron Oval Lid 'O' Ring (Old Square)	4
620266 (W02536)	Lacron Oval Lid 'O' Ring (New Round)	4A
W12722	Lacron 4 Stud Oval Lid	5
W12308	Manhole Lid 4 Stud Complete With Yoke, Nuts, Bolts 'O' Ring	1 to 5
1387F	HZC 36 Header Assy Complete	6
1387E	HZC 36 Underdrain Assy Complete	7
1319	Heavy Duty Laterals 206mm (X 4 required per filter)	8
1320	Heavy Duty Laterals 238mm (X 24 required per filter)	9
1387J	Heavy Duty Lateral Set Complete	10
17104A	HZC 36 Airbleed Assy Complete	11
W12045	Airbleed Cap	11A
1474	1/4" Airbleed Adaptor Fixing	11B
2613	3" Pipe Clamp Set Complete (Each)	12
2618	1 M Variable Brace Bar	13
62096017HBG	3" Bulkhead & Nut	14
W02250 (6019)	3" Bulkhead Gasket	15
W44441-HBG	Half Union 3"/90 Metric, Less O'ring (L6018)	16
6020	3"/90mm Adaptor Gasket (Set Of 2) Pre 2007	17
6302550-HBG	3"/90mm Adaptor o ring (Set Of 2) Post 2007	17
W04058BLK	Drain plug complete 40mm black	18
620960015HBG	Drain Plug Complete	19



Lacron HZC-42

Product Code: 222942423

Part Number	Product Description	Diagram No.
W12308	Manhole Cover 4-Stud Oval Lido Blue Complete	1
W12127	Nut Hex M16 S/S304	2
W12126	Washer M16 S/S304	3
6209430	Lid Yoke Lacron	4
W12324	Hex Thin Nut S/S M16	5
2611A (W12304)	O-Ring M/H Cover 4-Stud Lacron L2611A	6
W14896	Manhole Cover 4-Stud w Air Relief Valve	7
W12301	ORing BS113	8
W12125	Bolt Hex Full Thread M16 x 120 S/S304	9
W12232	Heavy Duty Candle 206mm L1319 (4 required per filter)	10
1275	Heavy Duty Candle 268mm L1275 (2 required per filter)	11
1277	Heavy Duty Candle 300mm L1277 (36 required per filter)	12
W02289	Air Relief Tube Screen	13
85251	Gulfstream Plug	14
W02558	Air Bleed Tube (1m length)	15
W22139	Flange Stud Ring 4" ANSI	16
12161004	PVC Stud Flange 4" ANSI (gf-PP Ring)	17
63453063	Flange Gasket 4" ANSI	18
W12126	Washer M16 Full S/S304	19
W12912	Nut Hex 5/8" BSW SS304	20
W04058BLK	Drain Plug Complete 40mm Black	21
W02270BLK	Drain Plug End Cap 40mm Black	22
W02267	Drain Plug 40mm O-Ring	23
W02269BLK	Drain Plug Body 40mm Black	24
W02213	O-Ring 40mm B/U EPDM	25
W22141	Flange Clamp Ring 4" ANSI	26

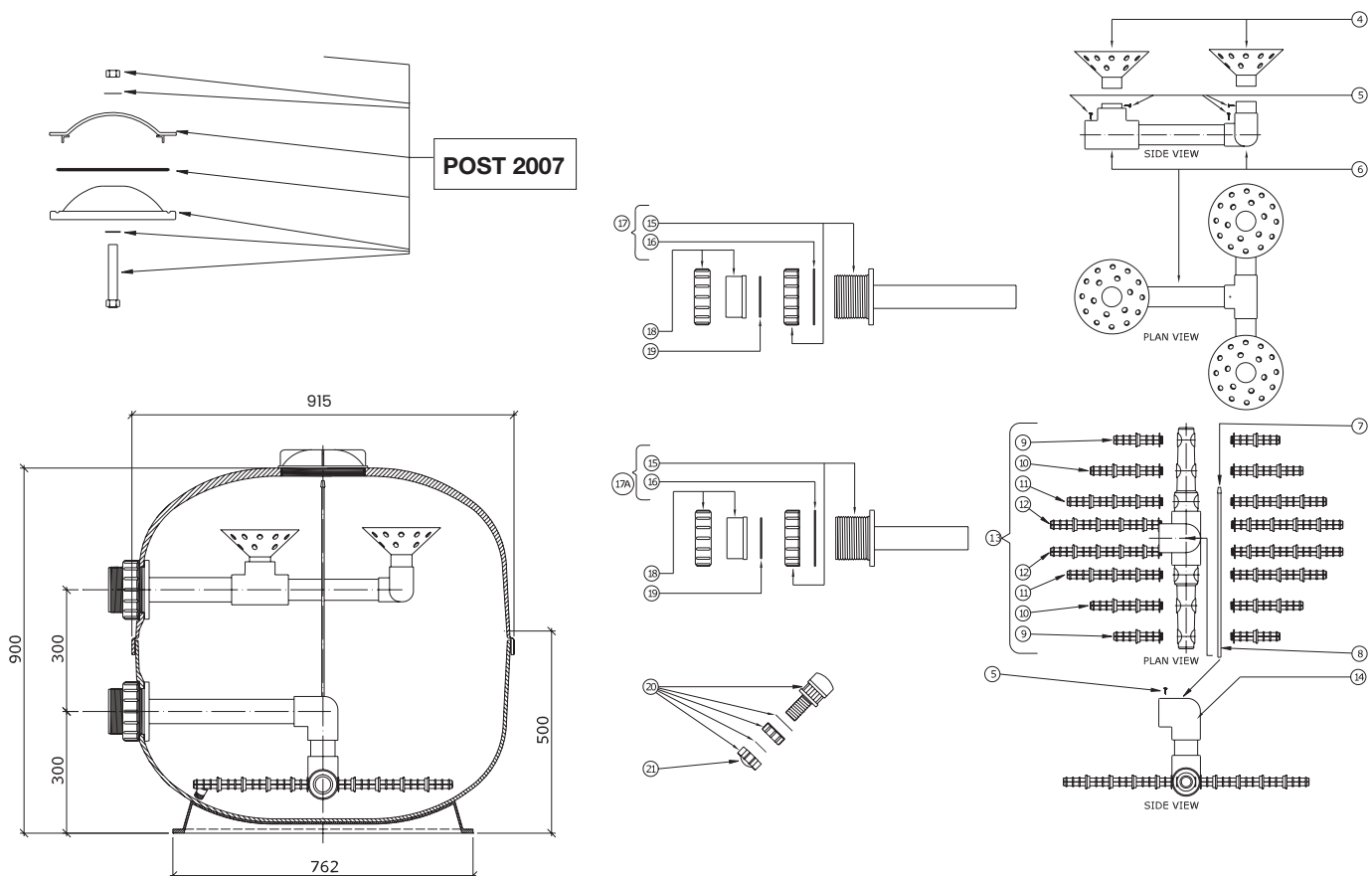


WHEN ORDERING PLEASE QUOTE
THE ITEM AND PART NUMBER AS REQUIRED

Lacron LSC-36 - 3" Ports

Product Code: 22037

Part Number	Product Description	Diagram No.
1671	3/4" Self Tap Screw (Pack Of 10)	5
W02289	Air Relief Tube Screen	7
W04058BLK	40mm Drain Plug Complete	20
17104	36" Lacron Airbleed (840mm)	8
W12292	36" - 3" Header (Less Rose)	6
W02066	Rose Distributor (Funnel For SM)	4
W02249	O Ring For 3" / 90mm Half Union	19
634080EBLK	90mm Union Adaptor + Nut & O-Ring Metric Black	18+19
62096017HBG	Bulkhead 3" Bulkhead Fitting (Plus Nut)	15
W12295	Underdrain Complete Less Candles	14
62096007HBG	120mm Lateral (Candle) (X 4 required per filter)	9
62096008HBG	180mm Lateral (Candle) (X 4 required per filter)	10
62096009HBG	240mm Lateral (Candle) (X 4 required per filter)	11
62096010HBG	280mm Lateral (Candle) (X 4 required per filter)	12
85251	Gulf Stream Plug	n/s
W04854	36" Base Stand	n/s
W44441-HBG	Half Union 3"/90 Metric Less O-Ring (L6018) HBG	18
6020	3"/90mm Adaptor Gasket (Set Of 2) Pre 2007	19
620960015HBG	Drain Plug Complete 15mm	20
W04058BLK	Drain plug complete 40mm	20
For filters supplied prior to Clamp Style Lid		
1304A	Lacron Lid Removal Tool (8" New Type)	
62092920HBG	Lacron Lid (Polycarbonate 8" New Type)	
621053HBG	Lacron Lid 'O' Ring	
Post 2007 'Clamp Lid'		
W12076	Nylon Air Relief Tap + 'O' Ring	
W12248	Lid Retaining Clamp C/W Screw & Nut	
W02933	Small Oval Lid O Ring	
W12135	Small Oval Lid	



Lacron LSC-42

Product Code: 222042

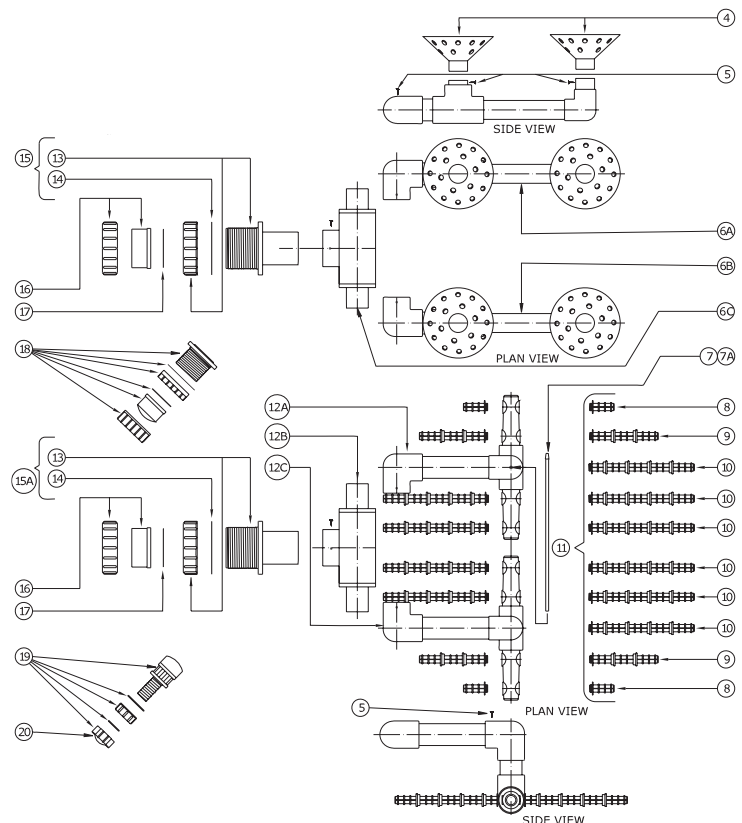
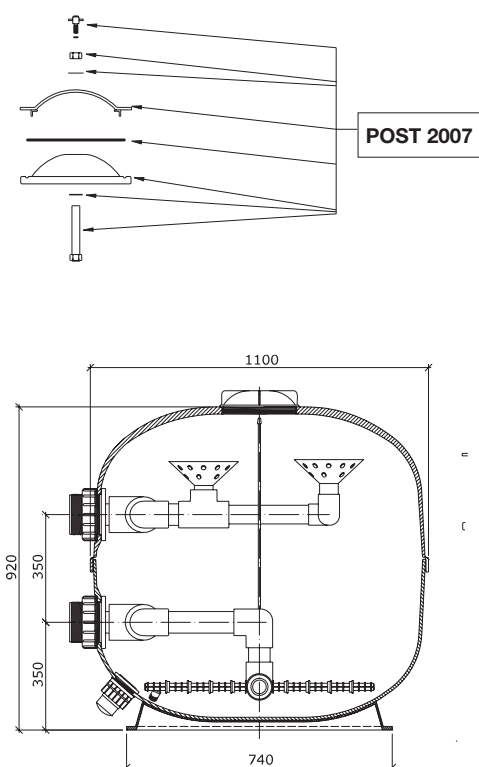
Part Number	Product Description	Diagram No.
85251	Gulf Stream Plug	n/s
W02066	Rose Distributor	4
1671	3/4" Self Tap Screw (Pack Of 10)	5
1372 (W22204)	42" Lhs Header (Less Rose)	6A
1372A (W22746)	42" Rhs Header (Less Rose)	6B
1372B (W12287)	42" Main Header 'T'	6C
W12045	Air Bleed Cap. Also order 1 x 85251 Rubber Grommit @ £0.85	7
17105	42" Lacron Airbleed	7A
62096006HBG	60mm Lateral (Candle) (X 4 required per filter)	8
62096008HBG	180mm Lateral (Candle) (X 4 required per filter)	9
62096010HBG	280mm Lateral (Candle) (X 12 required per filter)	10
1396 (W22220)	Lateral (Candle) Set	11
1371 (W22074)	42" Lhs Underdrain (Less Candles)	12A
1371B (W12289)	42" Main Underdrain 'T' & Con Pipe	12B
1371A (W22075)	42" Rhs Underdrain (Less Candles)	12C
62096017HBG	3" Bulkhead Fitting (Plus Nut)	13
W02250 (6019)	3" Bulkhead Gasket	14
1525A	42" - 3" Bulkhead Fitting (Top)	15
1525B	42" - 3" Bulkhead Fitting (Bottom)	15A
W44441-HBG	Half Union 3"/90 Metric, Less O'ring (L6018)	16
6020	3"/90mm Adaptor Gasket (Set Of 2) Pre 2007	17
6302550-HBG	3"/90mm Adaptor 'O' Ring (Set Of 2) Post 2007	17
W04058BLK	Sand Drain Complete 40mm	18
620960015HBG	Drain Plug Complete	19
W02270BLK	Drain Plug Cap 40mm	20
W04846	42" Base Stand	n/a

For filters supplied prior to Clamp Style Lid

1304A	Lacron Lid Removal Tool (8" New Type)
62092920HBG	Lacron Lid (Polycarbonate 8" New Type)
621053HBG	Lacron Lid 'O' Ring

Post 2007 'Clamp Lid'

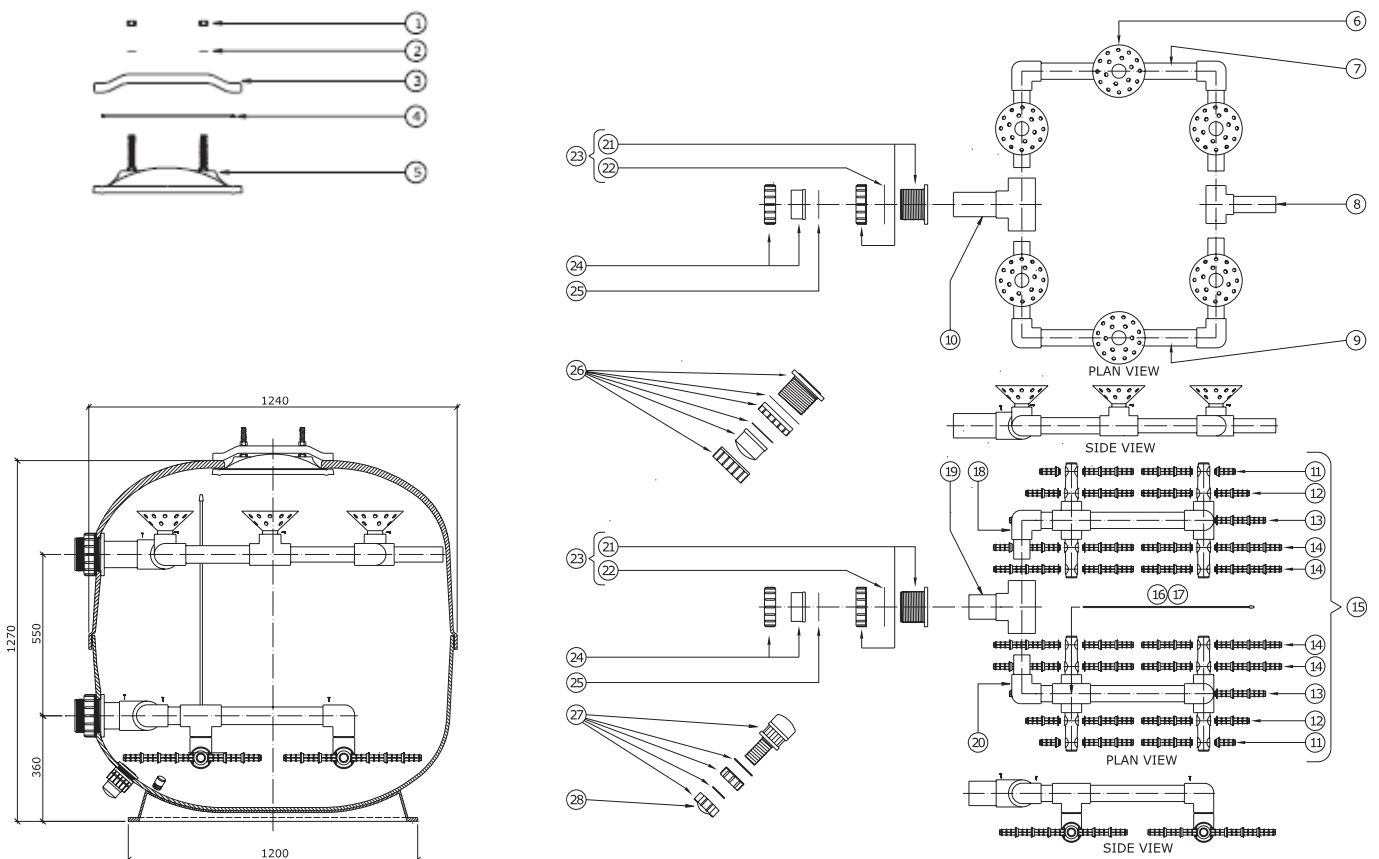
W12076	Nylon Air Relief Tap + 'O' Ring
W12248	Lid Retaining Clamp C/W Screw & Nut & Air Relief Tap
W02933	Small Oval Lid O Ring
W12135	Small Oval Lid



Lacron LSC-48

Product Code: 222048

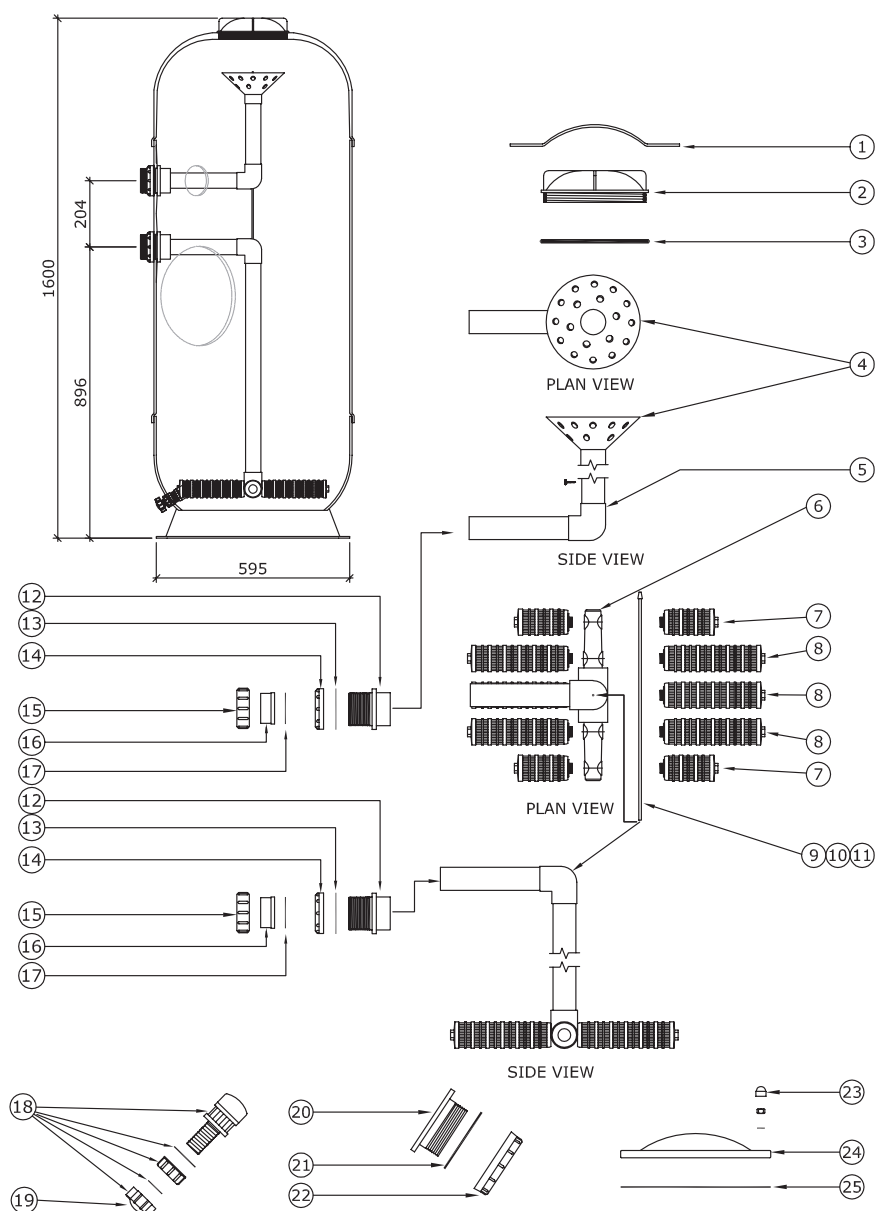
Part Number	Product Description	Diagram No.
6209430	Lacron Lid Yoke	3
2611A	Lacron Oval 'O' Ring	4
W12308	Manhole complete 4 stud	1-5
W12135	Small Oval Lid	5
W02066	Rose Distributor	6
W12344	48" LHS Header (Less Rose)	7
W12346	48" Main Header Pipe Support 'T'	8
W12345	48" RHS Header (Less Rose)	9
W12347	48" Main Header Pipe Inlet 'T'	10
62096006HBG	60mm Lateral (Candle) (X 4 required per filter)	11
62096007HBG	120mm Lateral (Candle) (X 4 required per filter)	12
62096008HBG	180mm Lateral (Candle) (X 24 required per filter)	13
62096009HBG	240mm Lateral (Candle) 9 X 8 required per filter)	14
1396A	48" Lacron Lateral (Candle) Set	15
W12045	Air Bleed Cap. Also order 1 x 85251 Rubber Grommit @ £0.85	16
17106	48" Lacron Airbleed (Set Of 2)	17
W12348	48" LHS Underdrain (Less Candles)	18
W12350	48" Main Underdrain 'T' & Con Pipe	19
W12349	48" RHS Underdrain (Less Candles)	20
62096017HBG	3" Bulkhead Fitting (Plus Nut)	21
W02250 (6019)	3" Bulkhead Gasket	22
1524C	48" - 3" Bulkhead Fitting Inc Pipe	23
W44441-HBG	Half Union 3"/90 Metric, Less O'ring (L6018)	24
6020	3"/90mm Adaptor Gasket (Set Of 2) Pre 2007	25
6302550-HBG	3"/90mm Adaptor 'O' Ring (Set Of 2) Post 2007	25
W04058BLK	Sand Drain Complete 40mm	26
620960015HBG	Drain Plug Complete 15mm	27
W02270BLK	Drain Plug Cap 40mm	28
1671	3/4" Self Tap Screw (Pack Of 10)	29



Lacron MBF-24

Product Code: 2220588

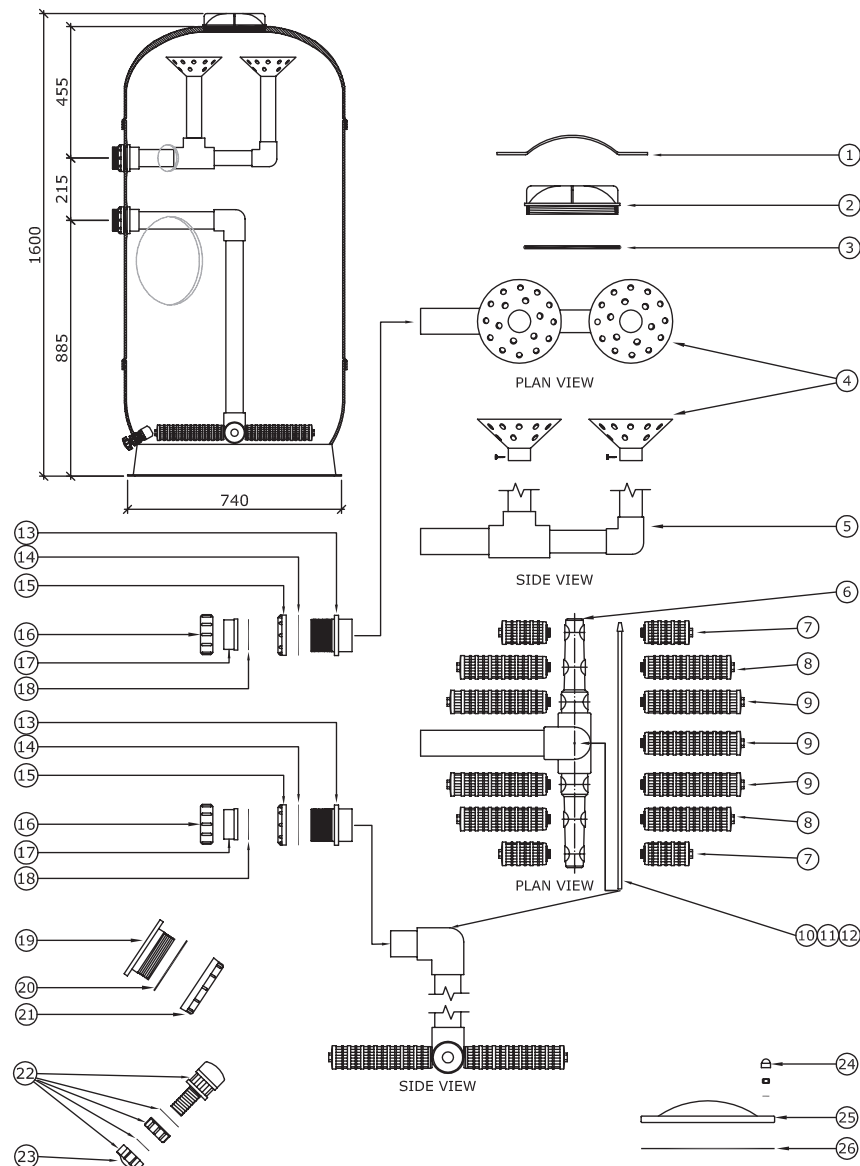
Part Number	Product Description	Diagram No.
W22235	Lid Tool	1
62092920HBG	8" Clear Lid	2
621053HBG	O-Ring for 8" Clear Lid	3
W02066	Rose Distributor	4
121340	Elbow 1/2" x 90 Deg	5
W12088	LCT Extension 1/2" x 2 Holes	6
1318 (W12231)	113mm Heavy Duty Lateral (4 Required per Filter)	7
1319 (W12232)	206mm Heavy Duty Lateral (6 Required per Filter)	8
W02550 (17131)	Air Bleed Tube 740mm	9
W02289	Air Relief Tube Screen	10
85251	Gulf Stream Plug	11
W02272BLK	Bulkhead Threaded Body 50mm Black	12
W02268	Gasket 50mm Bulkhead	13
W02271BLK	Bulkhead Locknut 50mm Black	14
W02209BLK	B/U Locking Nut 50mm	15
W02210BLK	B/UP / End 50mm Black	16
W02213	O-Ring 50mm B/U EPDM	17
620960015HBG	Drain Plug Complete 15mm	18
W02522C	Drain Plug Wing Nut 15mm	19
W22314	Sight Glass 50mm Moulded	20
W02080	Gasket 100 x 81 x 3mm Rubber	21
W02567	Bulkhead Locking Ring 50mm BLK	22
W12236	Cap Black M8 Nut Lacron L1766	23
W12050B	Lid 10-Hole black - without centre hole	24
W12216	O-Ring G210 (5.7 x 209.3mm)	25



Lacron MBF-30

Product Code: 2220598

Part Number	Product Description	Diagram No.
W22235	Lid Tool	1
62092920HBG	8" Clear Lid	2
621053HBG	O-Ring for 8" Clear Lid	3
W02066	Rose Distributor	4
121340	Elbow 1½" x 90 Deg	5
W12089	LCT Extension 2" x 3 Holes	6
1318 (W12231)	113mm Heavy Duty Lateral (4 required per filter)	7
1319 (W12232)	206mm Heavy Duty Lateral (4 required per filter)	8
1320 (W12233)	238mm Heavy Duty Lateral (6 required per filter)	9
W02550	Air Bleed Tube 740mm	10
W02289	Air Relief Tube Screen	11
85251	Gulf Stream Plug	12
W12067	Bulkhead Body 2" Lacron 1268A	13
1521 (W12252)	Gasket Bulkhead 2" Lacron L1521	14
W12066	Bulkhead Locking Nut 2" Lacron 1268A	15
W02982	B/U Locking Nut 2" Lacron 1270A	16
W02983	B/U Plain End S/S 2" Lacron 1270B	17
W12253-2HBG	2" Adaptor Gasket (Set Of 2)	18
W22314	Sight Glass 50mm Moulded	19
W02080	Gasket 100 x 81 x 3mm Rubber	20
W02567	Bulkhead Locking Ring 50mm Blk	21
620960015HBG	Drain Plug Complete 15mm	22
W02522C	Drain Plug Wing Nut 15mm	23
W12236	Cap Black M8 Nut Lacron L1766	24
W12050B	Lid 10-Hole black	25
W12216	O-Ring G210 (5.7 x 209.3mm)	26



Lacron DBF-18

Product Code: 222041618

Part Number	Product Description	Diagram No.
1304A	Lacron Lid removal tool (new type - 8")	1
62092920HBG	Lacron Lid (new type 8")	2
621053HBG	Lacron Lid 'O' ring	3
W02066	Rose distributor	4
17160	18" x 1 1/2" Header (less rose)	5
W12045	Air bleed cap (old style)	6
17130	18" DBF airbleed tube	7
1365 (W22217)	18" Underdrain (less candles)	8
1318 (W12231)	113mm Heavy duty Lateral (candle) (X 6 required per filter)	9
1393B	18" DBF Lateral (candle) set	10
1222400HBG	1 1/2" Bulkhead fitting including nut	11
W02268HBG	1 1/2" Bulkhead gasket (set of two)	12
W02992-2HBG	1 1/2" Union adaptor & nut (set of 2)	13
W12332-2HBG	1 1/2" Union adaptor gasket (set of 2)	14
W04058BLK	1 1/2" Sand drain complete	15
620960015HBG	Drain plug complete	16
W02522C	Drain plug cap only	17
1671	3/4" S/S self tapping screw (set of 10)	18
W12050B	Side Hatch Cover	
W12216	Side Hatch Cover 'O' Ring	

POST 2004

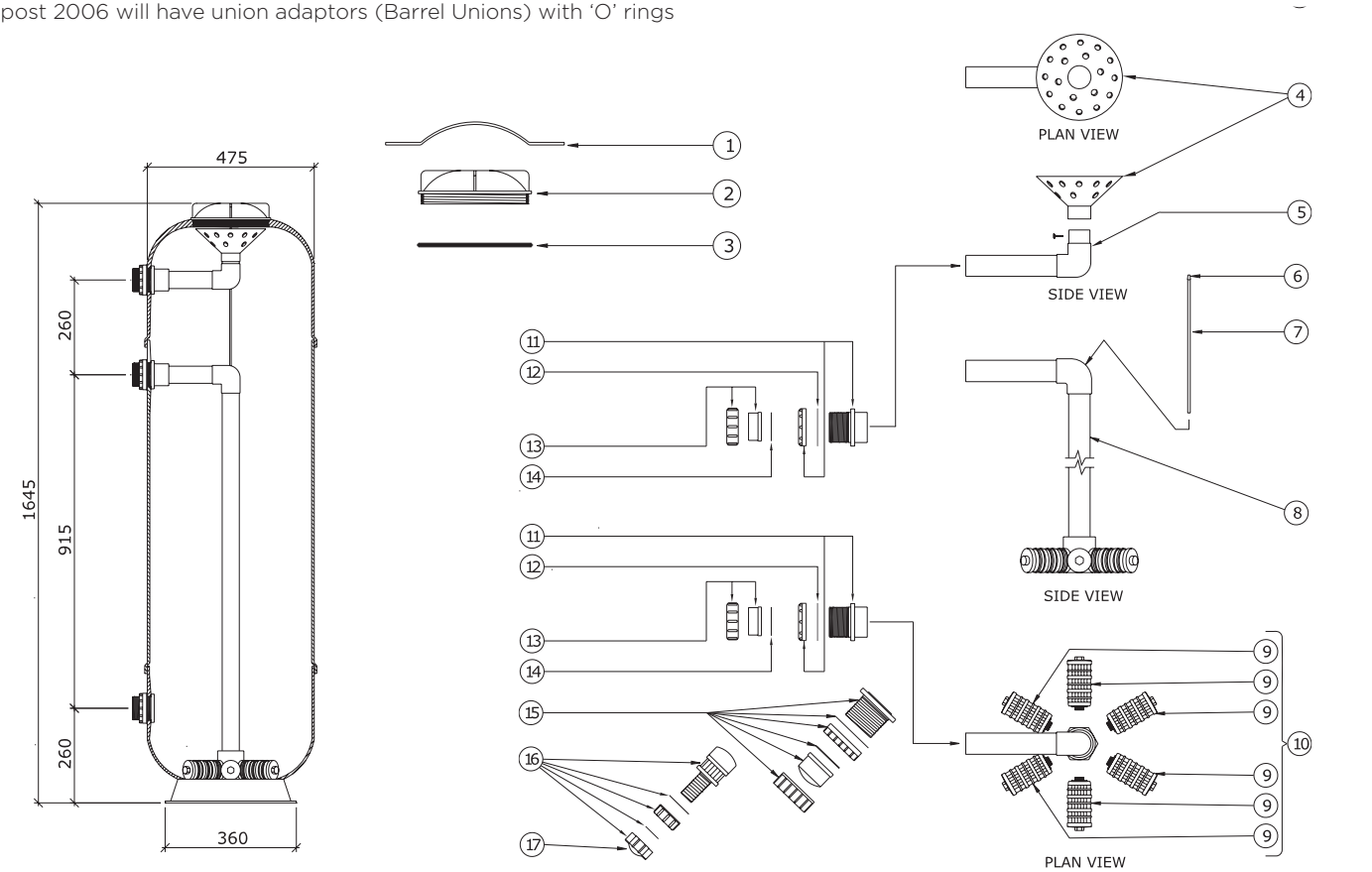
W32554-2HBG	1.5 Union Adaptor Nut and Sleeve (Set of 2)
W32702-HBG	1.5" Union adaptor 'O' Ring (set of 2)

CLAMP LID

W12076	NYLON AIR RELIEF TAP + 'O' RING
W12248	LID RETAINING CLAMP c/w SCREW & NUT
W02933	SMALL OVAL LID O RING
W12135	SMALL OVAL LID

PLEASE NOTE:

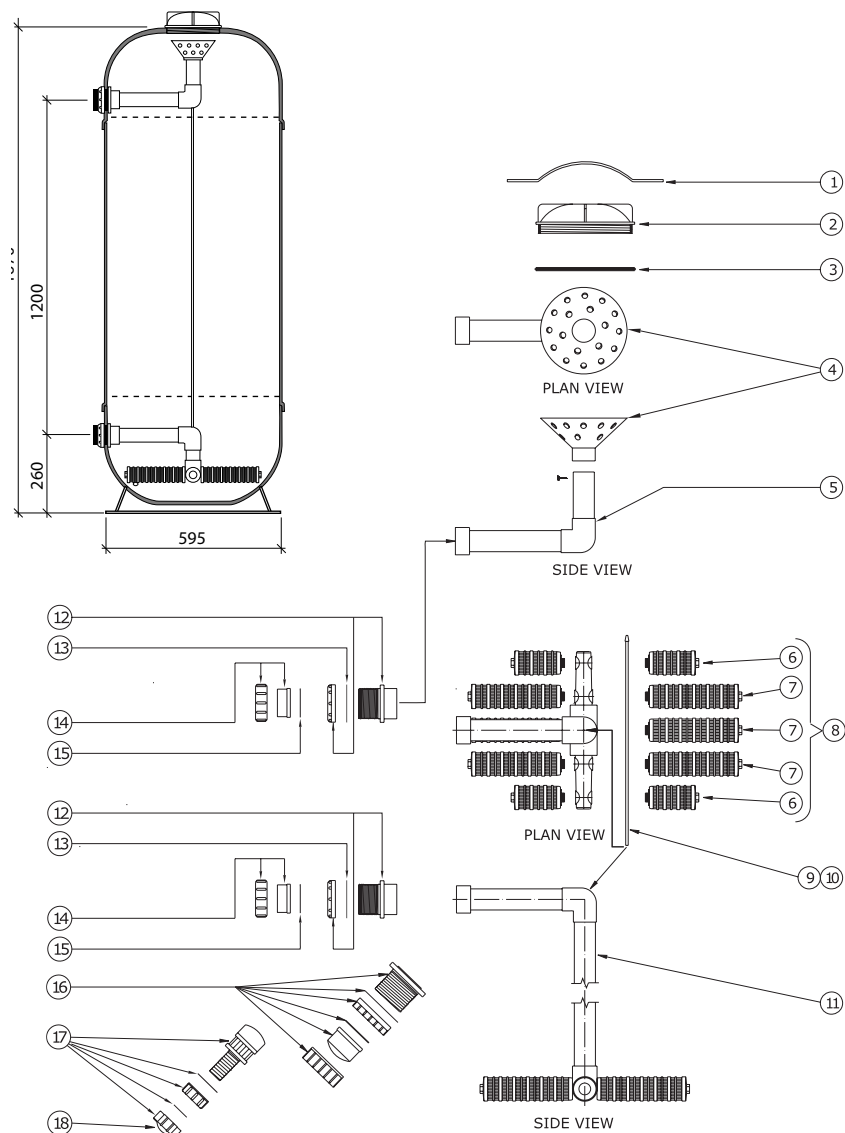
1.1/2" Lacron filters manufactured pre 2006 will have union adaptors (Barrel Unions with **flat gaskets** 1.1/2" Lacron filters manufactured post 2006 will have union adaptors (Barrel Unions) with 'O' rings



Lacron DBF-24

Product Code: 222041624

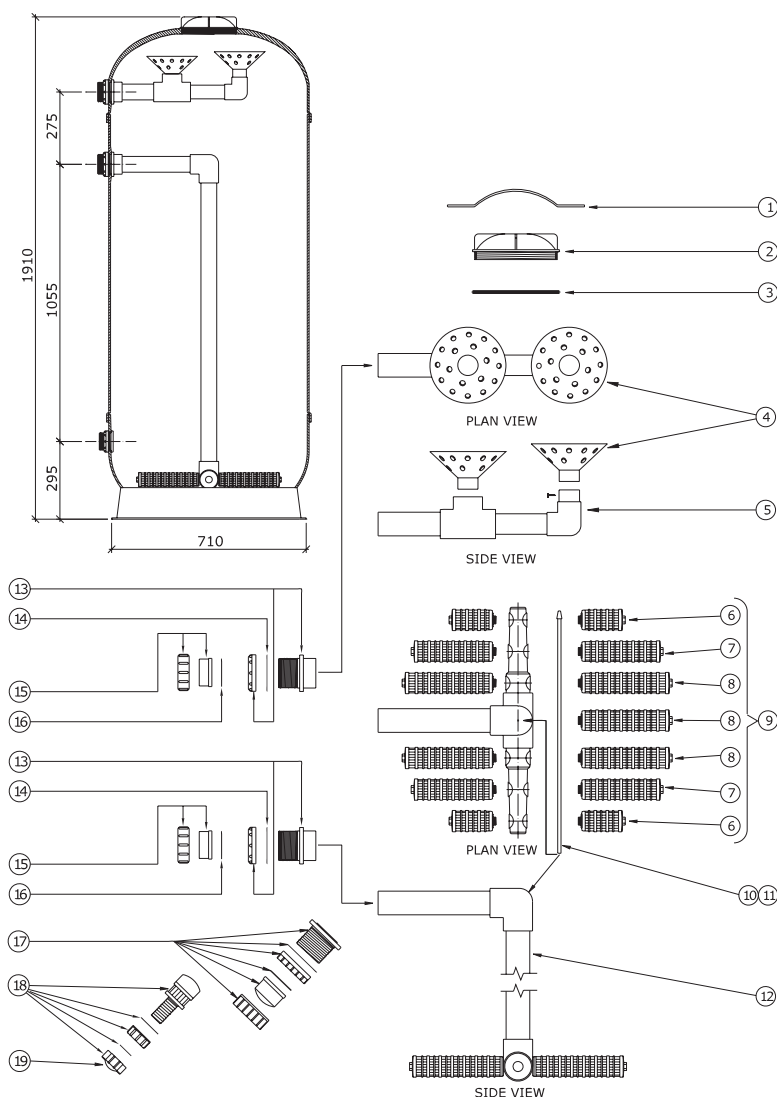
Part Number	Product Description	Diagram No.
1304A	Lacron Lid removal tool (new type - 8")	1
62092920HBG	Lacron Lid (new type 8")	2
621053HBG	Lacron Lid 'O' ring	3
W02066	Rose distributor	4
1368A	24" - 2" Header (less rose)	5
1318 (W12231)	113mm Heavy duty Lateral (candle) (X 4 required per filter)	6
1319 (W12232)	206mm Heavy duty lateral (candle) (X 6 required per filter)	7
1394B	24" DBF - Lateral (candle) set	8
W12045	Air bleed cap (old type)	9
W02550 (17131)	Airbleed tube	10
1382	1.5" Underdrain (less candles)	11
62096014HBG	2" Bulkhead fitting including nut	12
W12252HBG	2" Bulkhead gasket (set of two)	13
W02990-2HBG	2" Union adaptor inc sleeve (set of 2)	14
W12253-2HBG	2" Union adaptor gasket (set of 2)	15
W04058BLK	1.5" Sand drain complete	16
620960015HBG	Drain plug complete	17
W02522C	Drain plug cap only	18
1671	3/4" S/S self tapping screw (set of 10)	
W12050B	10 Hole side hatch cover	
W12216	10 Hole Cover 'O' Ring	
CLAMP LID		
W12076	NYLON AIR RELIEF TAP + 'O' RING	
W12248	LID RETAINING CLAMP c/w SCREW & NUT	
W02933	SMALL OVAL LID O RING	
W12135	SMALL OVAL LID	



Lacron DBF-30

Product Code: 222041630

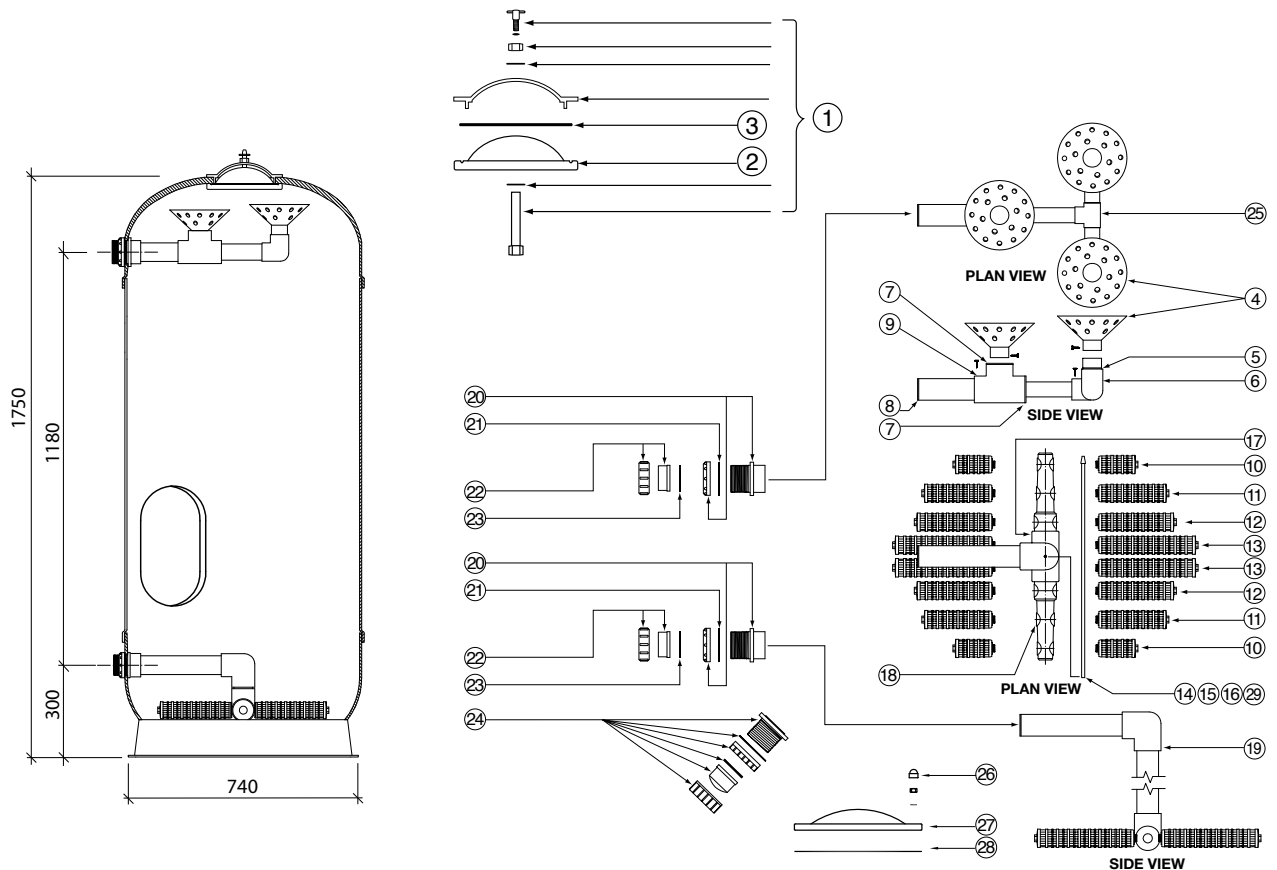
Part Number	Product Description	Diagram No.
1304A	Lacron Lid removal tool (new type - 8")	1
62092920HBG	Lacron Lid (new type 8")	2
621053HBG	Lacron Lid 'O' ring	3
W02066	Rose distributor (each)	4
1370 (W22072)	30" - 2" Header (less rose)	5
1318 (W12231)	113mm Heavy duty Lateral (candle) (X 4 required per filter)	6
1319 (W12232)	206mm Heavy duty lateral (candle) (X 4 required per filter)	7
1320 (W12233)	238mm Heavy duty lateral (candle) (X 6 required per filter)	8
1395B	30 x 2" DBF - Lateral (candle) set	9
W12045	Air bleed cap (old type)	10
17131	30" DBF airbleed tube	11
1383	2" Underdrain (less candles)	12
62096014HBG	2" Bulkhead fitting including nut	13
W12252HBG	2" Bulkhead gasket (set of two)	14
W02990-2HBG	2" Union adaptor inc sleeve (set of 2)	15
W12253-2HBG	2" Union adapter gasket (set of 2)	16
W04058BLK	1 1/2" Sand drain complete	17
620960015HBG	Drain plug complete	18
W02522C	Drain plug cap only	19
1671	3/4" S/S self tapping screw (set of 10)	n/s
W12050B	Side Hatch Cover	
W12216	Side Hatch Cover 'O' Ring	
CLAMP LID		
W12076	NYLON AIR RELIEF TAP + 'O' RING	
W12248	LID RETAINING CLAMP c/w with screw and nut	
W02933	SMALL OVAL LID 'O' RING	
W12135	SMALL OVAL LID	



Lacron DBF-36

Product Code: 222041636

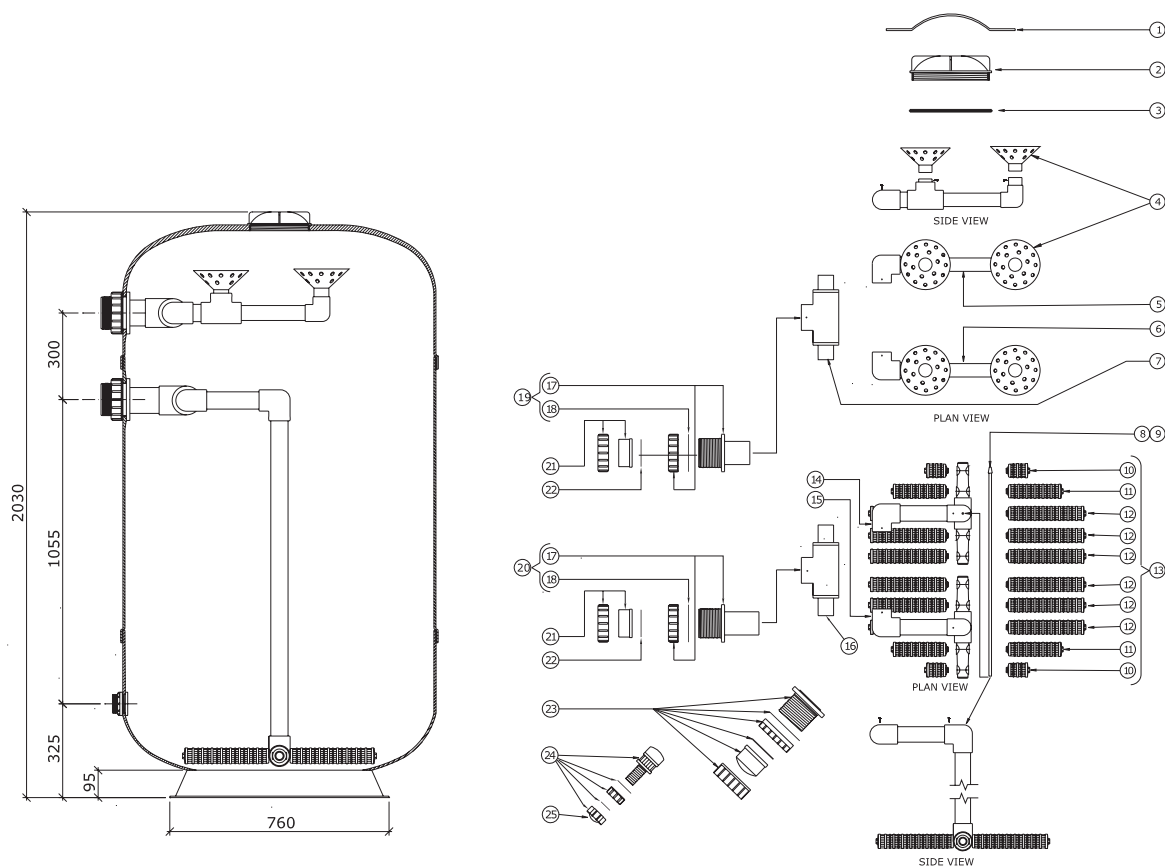
Part Number	Product Description	Diagram No.
W12248	9" x 6" Clamp Assembly (inc. nuts, washers, clamp & airtap)	1
W12135	9" x 6" Lid Oval	2
W02933	O-ring G225	3
W02066	Rose distributor	4
12555BLK	Reducing bush 2" x 1 1/2"	5
121350	Elbow 50mm	6
12566	Reducing Bush 65 x 50	n/s
12588	Reducing bush 3" x 2 1/2"	n/s
121962	Tee 65mm	9
1318 (W12231)	113mm Heavy Duty Lateral (candle) (X 4 required per filter)	10
1319 (W12232)	206mm Heavy Duty Lateral (candle) (X 6 required per filter)	11
1320 (W12233)	238mm Heavy Duty Lateral (candle) (X 6 required per filter)	12
1275 (W12229)	268mm Heavy Duty Lateral (candle) (X 4 required per filter)	13
1395C	36" DBF - Lateral (candle) set	
W02289	Air relief tube screen	14
85251	Gulf stream plug	15
W02558	Air bleed tube	16
W12297	Tapped Tee 2 1/2"	17
W12089	LCT extension 3 hole	18
121365	Elbow 65mm	19
W12955	Bulkhead Body + Lock Nut 3" Blk	20
W02250 (6019)	Gasket Bulkhead Body 3"	21
W12954	B/U Lock But + Plain End 3" Black	22
W02249	O-ring 3" B/U	23
W04058BLK	Drain Plug Complete 40mm Complete	24
121950	Tee 50mm	25
W12956	Black Cap Nut M12	26
W12311	Large Oval Hatch 18-Hole	27
W12300	Gasket Oval 18-Hole	28
W22173	Gland PG7 (3 - 6.5)	26



Lacron DBF-42

Product Code: 222041642

Part Number	Product Description	Diagram No.
1304A	Lacron Lid removal tool (new type - 8")	1
62092920HBG	Lacron Lid (new type 8")	2
621053HBG	Lacron Lid 'O' ring	3
W02066	Rose distributor (each)	4
1372	42" LHS - Header (less rose)	5
1372A	42" RHS - Header (less rose)	6
1372B	42" Main header 'T' (incl connect pipe)	7
W12045	Air bleed cap (old style)	8
17133	Air bleed tube	9
W12228	82mm Heavy duty Lateral (candle) (X 4)	10
1320 (W12233)	238mm Heavy duty lateral (candle) (X 4)	11
1277 (W12230)	300mm Heavy duty lateral (candle) (X 12)	12
1396B	42" DBF - Lateral (candle) set	13
1371	42" LHS Underdrain (less candles)	14
1371A	42" RHS Underdrain (less candles)	15
1371B	42" Main underdrain 'T' (incl connecting pipe)	16
62096017HBG	3" Bulkhead fitting including nut	17
W02250 (6019)	3" Bulkhead gasket	18
1525A	42" Bulkhead fitting (top)	19
1525B	42" Bulkhead fitting (bottom)	20
W44441-HBG	Half Union 3"/90 Metric, Less O'ring (L6018)	21
6020	3" Union adaptor gasket (set of 2) Pre 2007	22
6302550-HBG	3"/90mm ADAPTOR 'O' RING (Set of 2) POST 2007	
W04058BLK	1 1/2" Sand drain complete	23
W04058BLK	Drain plug complete	24
1671	3/4" S/S self tapping screw (set of 10)	
W12311	Oval hatch 18 hole	
W12300	Oval Gasket 18 hole	
POST 2007 'CLAMP LID'		
W12076	NYLON AIR RELIEF TAP + 'O' RING	
W12248	LID RETAINING CLAMP c/w SCREW & NUT	
W02933	SMALL OVAL LID O RING	
W12135	SMALL OVAL LID	



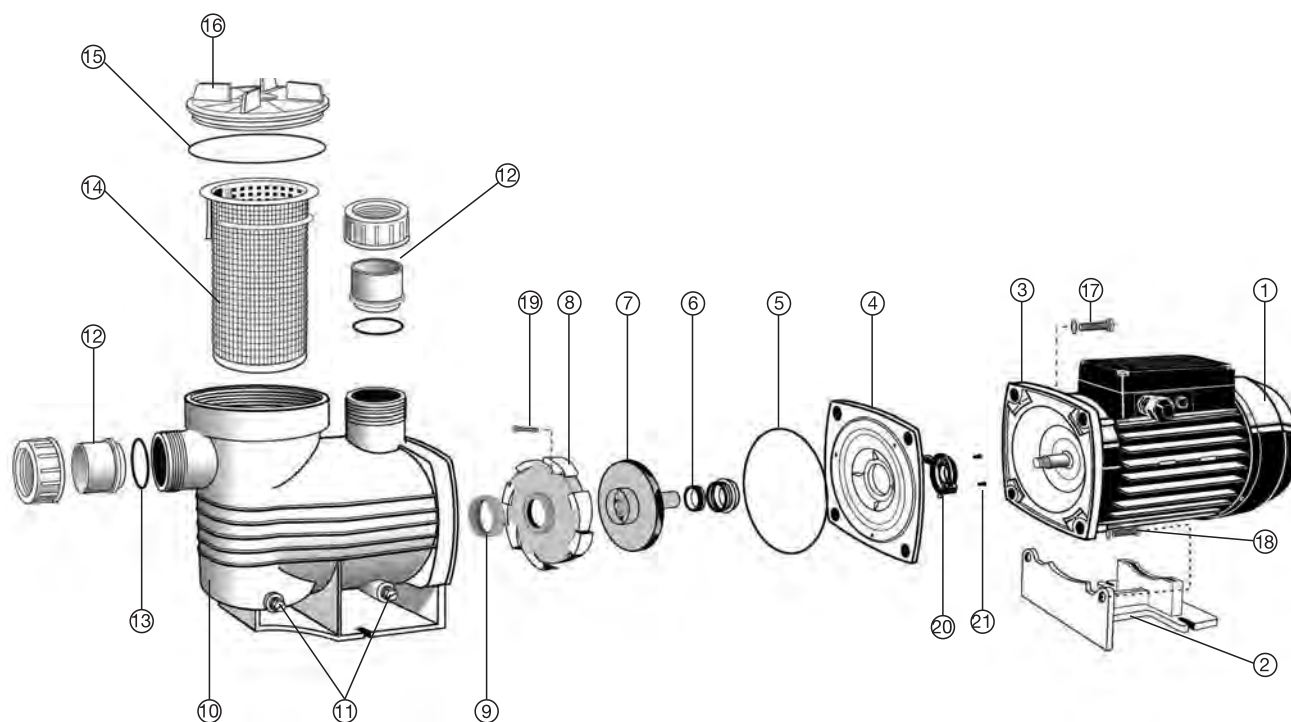
Aquamite

Product Codes: 2402033PNR-M, 2402050PNR-M, 2402075PNR-M, 2402100PNR-M, 2402125PNR-M

Part Number	Product Description	Diagram No.
	Motor	1
631781	Motor slinger (for 635034E)	n/s
6340222	Pump Foot (Post November 2015)	2
634021	Pump Foot Insert (Post November 2015)	n/s
S1226911	Pump body o ring	5
6340162-HBG	Mechanical seal (316 S/S)	6
63401625	Mechanical seal (Silicon Carbide S/S Viton)	6
635064	Impeller (Aquamite 33)	7
635065	Impeller (Aquamite 50)	7
635066	Impeller (Aquamite 75)	7
635067	Impeller (Aquamite 100)	7
635068	Impeller (Aquamite 125)	7
635061	Diffuser	8
635060	Diffuser gasket	9
635082	Pump face Hair/Lint pot body	10
63402302	Drain plug	11
620193	O-Ring BS112	n/s
122243B	1 1/2" half union c/w o ring	12
122245B	50mm European metric half union c/w o ring	12
W02213	Half union o ring	13
6350850	H/L pot basket	14
635084	H/L pot lid o ring	15
635083	H/L Pot lid	16
63505321	Aquamite multi pack M8 bolts & washers	17/18
	2 x 635053 (M8 x 30 bolt)	
	4 x 630218 (M8 washer)	
	2 x 6350540 (M8 x 40 bolt)	
63506351	Aquamite/Aquastream Adaptor Kit:-	
	63506340 - Square bracket kit	4/19
	S1290816 - Screw M3x30mm Pan Head SS (each, 4 required)	19
	6340165 - Flange Protector kit	20
	63400833 - Screw # 4 x 3/8" pan head SS (each, 2 required)	21
	6340162 - Mechanical Seal SS 316	6
85517	Solar Insert Check Valve	22
634086	Lid Toolbar (suits all pumps)	n/s
For pumps with fan covers including screw fixings:		
6340451	Capacitors for Aquamite 033 & 050	n/s
6340452	Fans for Aquamite 033 & 050	n/s
63404440	Fan covers for Aquamite 033 & 050	n/s
6340446	Capacitors for Aquamite 075, 100 & 125	n/s
6340454	Fans for Aquamite 075, 100 & 125	n/s
6340440	Fan covers for Aquamite 075, 100 & 125	n/s
634044704	Capacitor For Aquamite 0.33HP - 1.25HP (Post November 2015)	
For pumps with push on fan covers:		
634044	Fan cowling (100,125,150)	n/s
63404411	Fan cowling (50,75)	n/s
634045	Fan (100,125,150)	n/s
63404502	Fan (50,75)	n/s
634044701	Capacitor (100,125)	n/s
63404472	Capacitor (150)	n/s
634044601	Capacitor (50, 75)	n/s

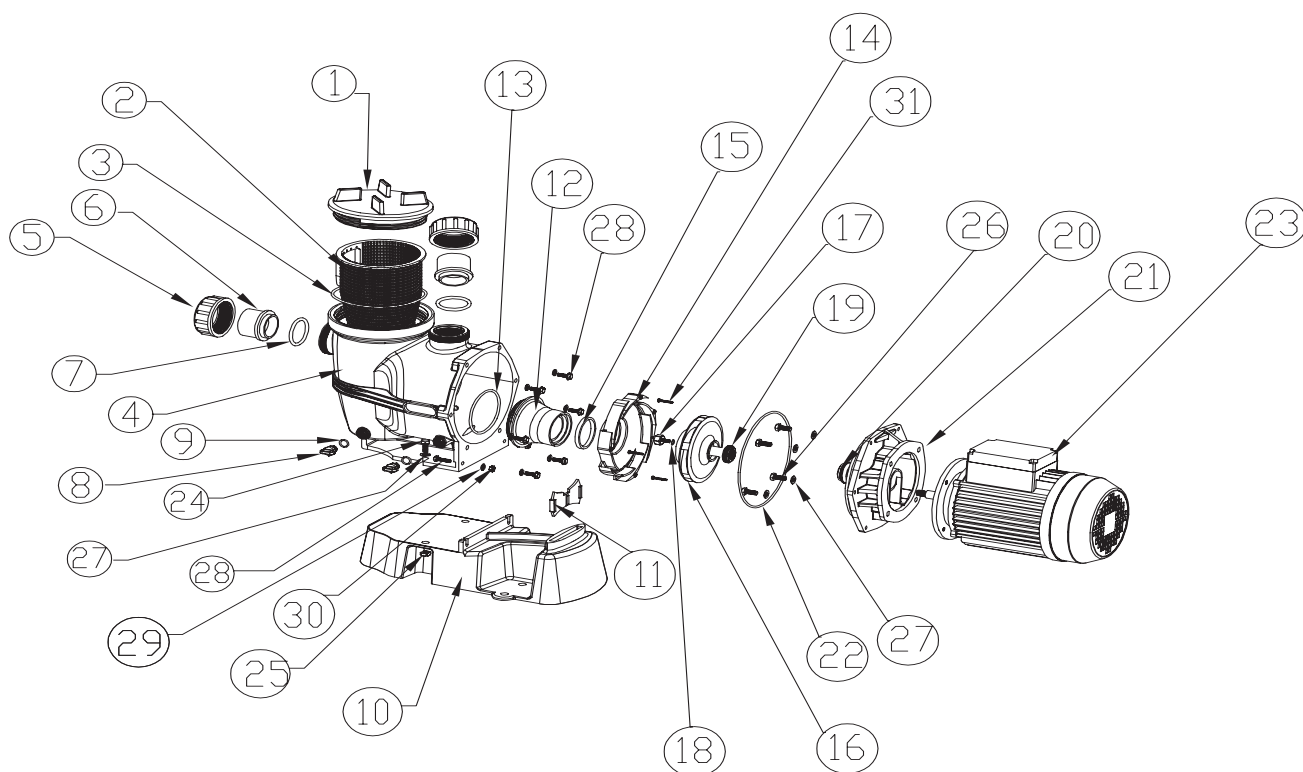
Aquamite

Product Codes: 2402033PNR-M, 2402050PNR-M, 2402075PNR-M, 2402100PNR-M, 2402125PNR-M



Lacronite Pump

Product Codes: 24070050, 24070075, 24070100, 24070150



Lacronite Pump

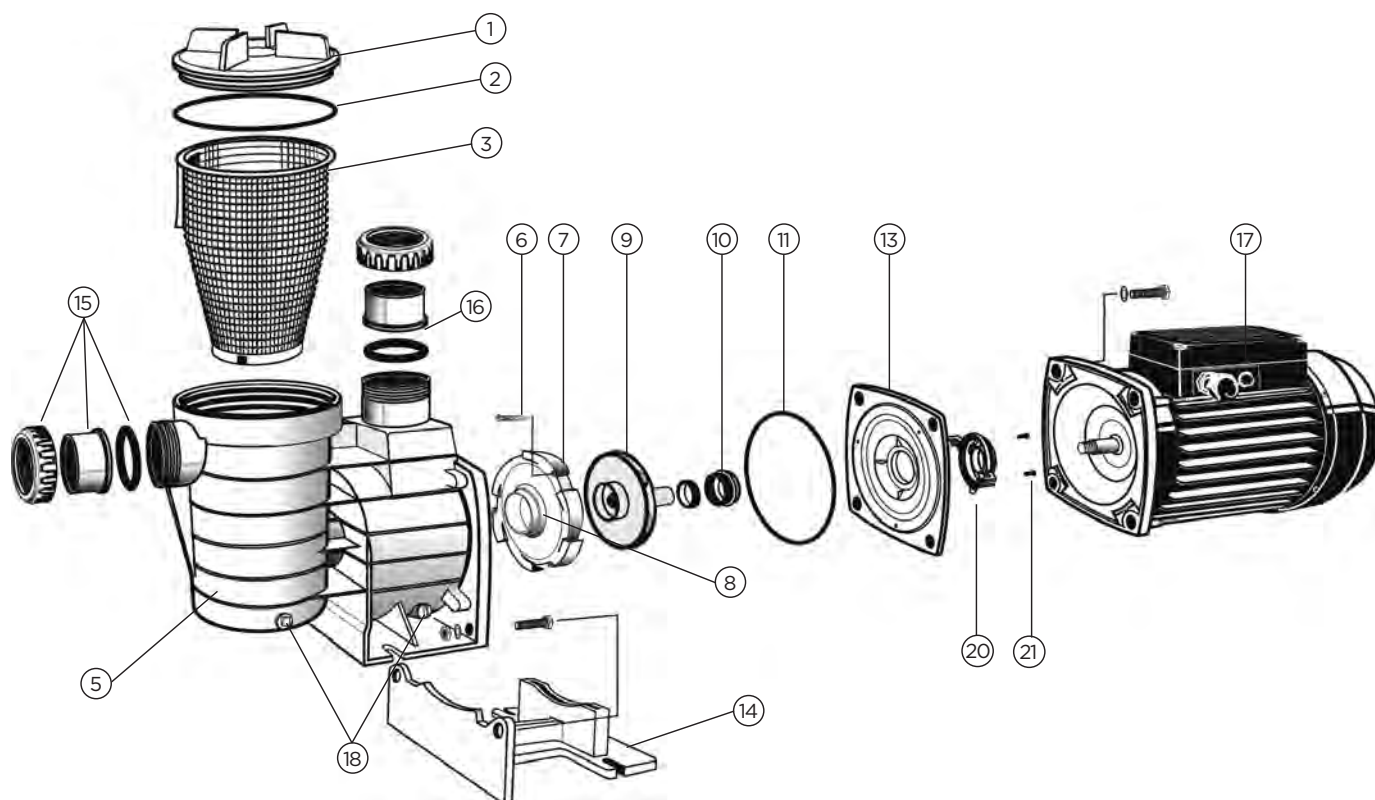
Product Codes: 24070050, 24070075, 24070100, 24070150

Part Number	Product Description	Diagram No.
63400821	Screw PT SS316 M4x25mm	31
6340060	H&L Pot Foot Nut M6 Ss316	30
6340030	H&L Pot Foot Washer M6 SS316	29
6340040	H&L Pot foot bolt (x20) SS316	28
6302180	Mounting Washer SS316 5/16x5/8	27
63401830	Hex set M8x20 SS316 (bracket to motor)	26
W22039	Nut M8 Heat Pump	25
W22424	Bolt M8x25mm SS316	24
	Motor	23
634017	Bracket O-Ring	22
63402031	Bracket Assembly MK3	21
6340162-HBG	Mechanical Seal SS316	19 & 20
63401625	Silicon Carbide Seal	
82444205	O-Ring BS011	18
W22912	L/H Cap Screw Moulded	17
63401255	050 Impeller	16
63401256	050, 075 Impellor	16
63401257	100 Impeller (with hole)	16
6340130	125 Impeller (with hole)	16
63401430	150 Impeller (with hole)	16
6340145	200 Impeller (with hole)	16
634011	Diffuser Gasket	15
634010	Diffuser	14
6340113	Diffuser O-Ring	13
634079	Suction Nozzle	12
634021	Pump Foot Insert	11
6340892	Lacronite Pump Base	10
620193	O-Ring BS112	9
63402301	Drain Plug 1/4" NPT	8
122243B	1 1/2" Union Complete with O-Ring	5,6 & 7
122245B	50mm Union Complete with O-Ring	5,6 & 7
6340894	Lacronite Pump Housing 1 1/2 Port	4
63151	H&L Pot Lid O-Ring	3
6340891	Lacronite H&L pot	2
634000	H&L Pot Lid	1
For pumps with fan covers including screw fixings:		
6340451	Capacitors for Aquamite 033 & 050	n/s
6340452	Fans for Aquamite 033 & 050	n/s
63404440	Fan Covers for Aquamite 033 & 050	n/s
6340446	Capacitors for Aquamite 075, 100 & 125	n/s
6340454	Fans for Aquamite 075, 100 & 125	n/s
6340440	Fan Covers for Aquamite 075, 100 & 125	
For pumps with push on fan covers:		
634044	Fan Cowling (100,125,150)	n/s
63404411	Fan Cowling (50,75)	n/s
634045	Fan (100,125,150)	n/s
63404502	Fan (50,75)	n/s
634044701	Capacitor (100,125)	n/s
63404472	Capacitor (150)	n/s
634044601	Capacitor (50, 75)	n/s

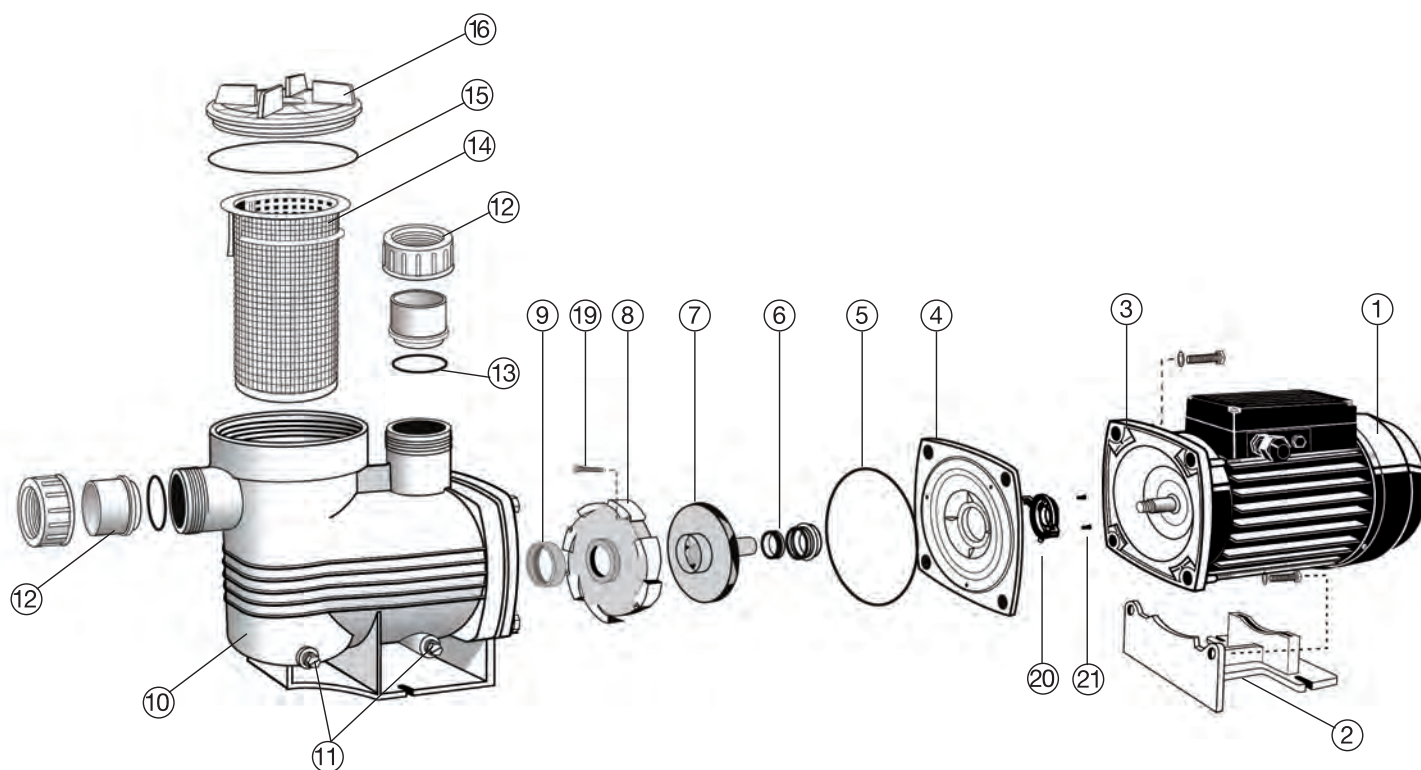
Supatuf

Part Number	Product Description	Diagram No.
634000	H/L pot lid	1
63151	H/L pot lid o ring	2
6350011	H/L pot basket mk2	3
6350191	Pump face H/L pot body (Supatuf 50 - 200)	5
63501912	Pump face H/L pot (Supatuf 250 - 300)	5
635017	Diffuser (Supatuf 50 - 200)	7
635022	Diffuser (Supatuf 250 - 300)	7
634011	Diffuser gasket	8
635015	Impeller (Supatuf 50)	9
635010	Impeller (Supatuf 75)	9
63501100	Impeller (Supatuf 100)	9
635014	Impeller (Supatuf 125)	9
63501200	Impeller (Supatuf 150)	9
6350134	Impeller (Supatuf 200)	9
6350230	Impeller (Supatuf 250)	9
6350160	Impeller (Supatuf 300) (suit screw type)	9
6340162-HBG	Mechanical seal (316 s/s)	10
63401625	Mechanical seal (Silicon Carbide S/S Viton)	10
635028	Pump body o ring	11
6340222	Pump foot (Supatuf 75 -125)	14
6340223	Pump foot (Supatuf 150 - 250)	14
634024BLK	2" Half union c/w o ring	15
634024EBLK	63mm European metric Half union c/w o ring	15
W02280	Half union o ring	16
	Motor	17
63402301	Drain Plug	18
6340020	Supatuf M6 multi pack bolts & washers	n/s
	2 x 6340060 (M6 nut)	
	2 x 6340030 (M6 washer)	
	2 x 63400410 (M6 x 25 bolt)	
63401812	Supatuf M8 multi pack bolts & washers(2003 current body)	n/s
	4 x 6302180 (M8 washer)	
	4 x 6350530 (M8 x 30 bolt)	
634086	Lid Toolbar (suits all pumps)	n/s
6350212	Adaptor kit for Supatuf/Supaflo (50 - 200)	
	6350215 -Square Bracket	13
	S1290816 - Screw M3x30mm Pan Head SS (each, 3 required)	6
	6340165 - Flange Protector Kit	20
	63400833 - Screw # 4 x 3/8" Pan Head SS (each, 2 required)	21
6350215	Square Bracket	13
	Screw M3x45 SS304 Pan Head SS (each, 3 required)	6
6340165	Flange Protector Kit	20
63400833	Screw # 4 x 3/8" Pan Head SS (each, 2 required)	21
6350215	Adapter plate	13
634086	Lid Toolbar (suits all pumps)	n/s
6340451	Capacitors for Supatuf 050	n/s
6340452	Fans for Supatuf & 050	n/s
63404440	Fan covers for Supatuf 050	n/s
6340446	Capacitors for Supatuf 075, 100 & 125	n/s
6340454	Fans for Supatuf 075, 100 & 125	n/s
6340440	Fan covers for Supatuf 075, 100 & 125	n/s
6340447	Capacitors for Supatuf 150, 200 & 250	n/s
6340455	Fans for Supatuf 150, 200 & 250	n/s
6340443	Fan covers for Supatuf 150, 200 & 250	n/s

Supatuf



Supastream



Supastream

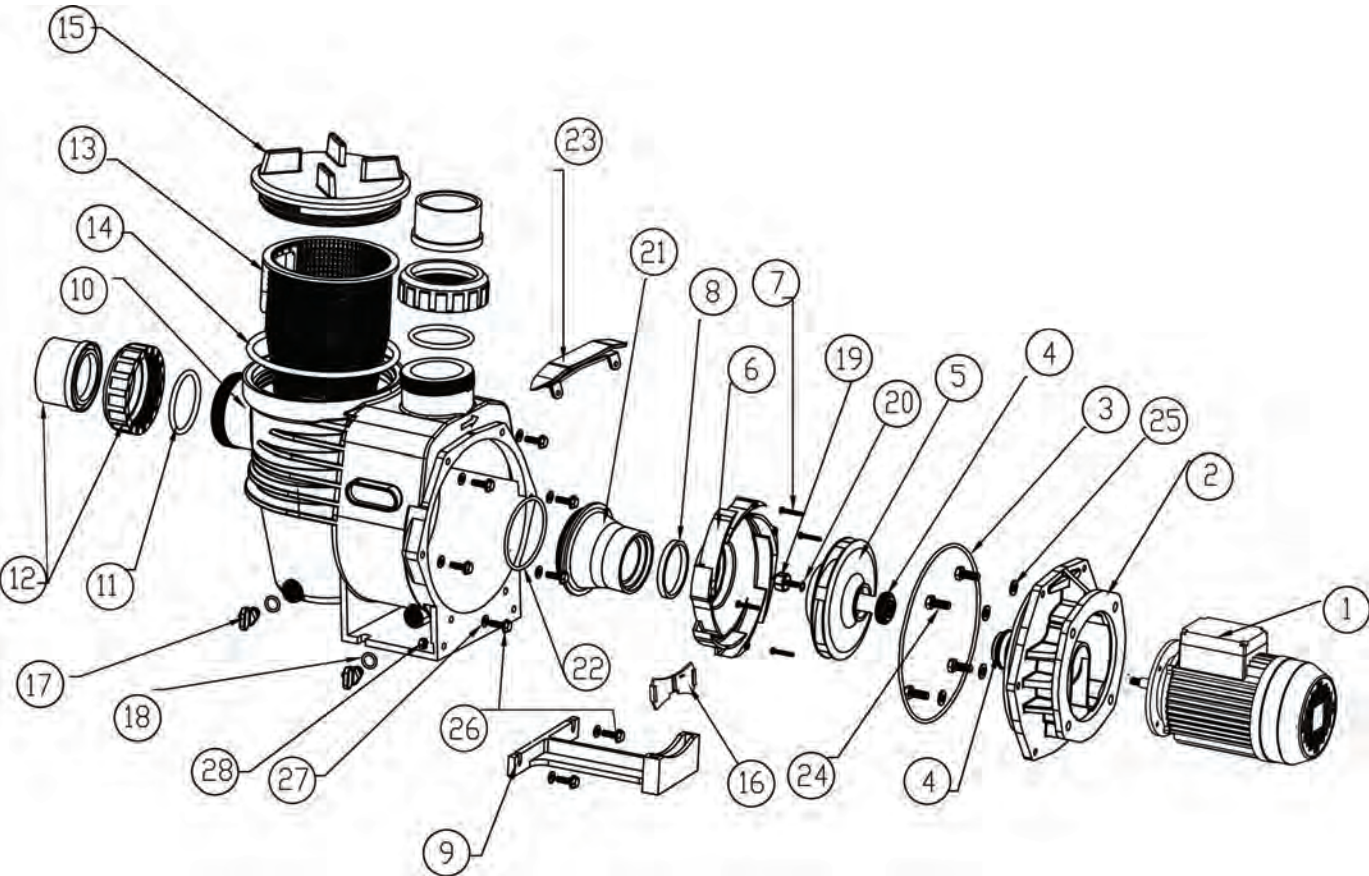
Product Codes: 2340305PNR-M / 2403075PNR-M / 2403100PNR-M / 2403150PNR-M

Part Number	Product Description	Diagram No.
	Motor	1
635072	Motor Pump Foot (Pre July 2014)	2
635074	Pump Foot Insert (Supastream 75, 100 & 125) (Pre July 2014)	n/s
6340222	Pump Foot (Pre July 2014)	
634021	Pump Foot Insert 0.5Hp - 1Hp)	
63506350	Square Bracket With Brass Insert	4
S1226911	Pump Body O Ring	5
6340162-HBG	Mechanical Seal (316 S/S)	6
63401625	Mechanical Seal (Silicon Carbide S/S Viton)	6
635065	Impeller (Supastream 50)	7
635096	Impeller (Supastream 75)	7
635097	Impeller (Supastream 100)	7
6350980	Impeller (Supastream 125)	7
635099	Impeller (Supastream 150)	7
635061	Diffuser	8
635060	Diffuser Gasket	9
W12963	Pump Face H/L Pot Body	10
63402302	Drain Plug 1/4" BSP	11
122243B	1 1/2" Half Union C/W O Ring	12
122245B	50mm European Metric Half Union C/W O Ring	12
W02213	Half Union O-Ring	13
635087	H/L Pot Basket	14
635052	H/L Pot Lid O Ring	15
635051	H/L Pot Lid	16
S1160963	Supastream M8 Multi Pack Bolts & Washers	17
	2 X 6350530 (M8 X 30 Bolt) (Pre July 2014)	
	4 X 6302180 (M8 Washer) (Pre July 2014)	
	4 X 6350540 (M8 X 40 Bolt) (Post July 2014)	
	4 X 6302180 (M8 Washer) (Post July 2014)	
634086	Toolbar (suit all pumps)	n/s
635063510	Adaptor kit	
	63506350 - Square Bracket Kit	4 & 19
	S1290816 - Screw M3 x 30mm Pan Head SS (each, 4 required)	19
	6340165 - Flange Protector Kit	20
	63400833 - Screw#4x3/8" Pan Head SS (each, 2 required)	21
	6340162 - Mechanical Seal SS 316	6
	63813922 - O-Ring BS029	
6340446	Capacitors for Supastream 075, 100 & 125	n/s
6340454	Fans for Supastream 075, 100 & 125	n/s
6340440	Fan covers for Supastream 075, 100 & 125	n/s
6340447	Capacitors for Supastream 150, 200 & 250	n/s
6340455	Fans for Supastream 150, 200 & 250	n/s
6340443	Fan covers for Supastream 150, 200 & 250	n/s
For pumps with fan covers including screw fixings:		
6340451	Capacitors for Supastream 033 & 050	n/s
6340452	Fans for Supastream 033 & 050	n/s
6340444	Fan covers for Supastream 033 & 050	n/s
6340446	Capacitors for Supastream 075, 100 & 125	n/s
6340454	Fans for Supastream 075, 100 & 125	n/s
6340440	Fan covers for Supastream 075, 100 & 125	
634044704	Capacitor For Supastream 0.5 - 1.5HP (Post July 2014)	
For pumps with push on fan covers:		
634044	Fan cowling (100,125,150)	n/s
63404411	Fan cowling (50,75)	n/s
634045	Fan (100,125,150)	n/s
63404502	Fan (50,75)	n/s
634044701	Capacitor (100,125)	n/s
63404472	Capacitor (150)	n/s
634044601	Capacitor (50, 75)	n/s

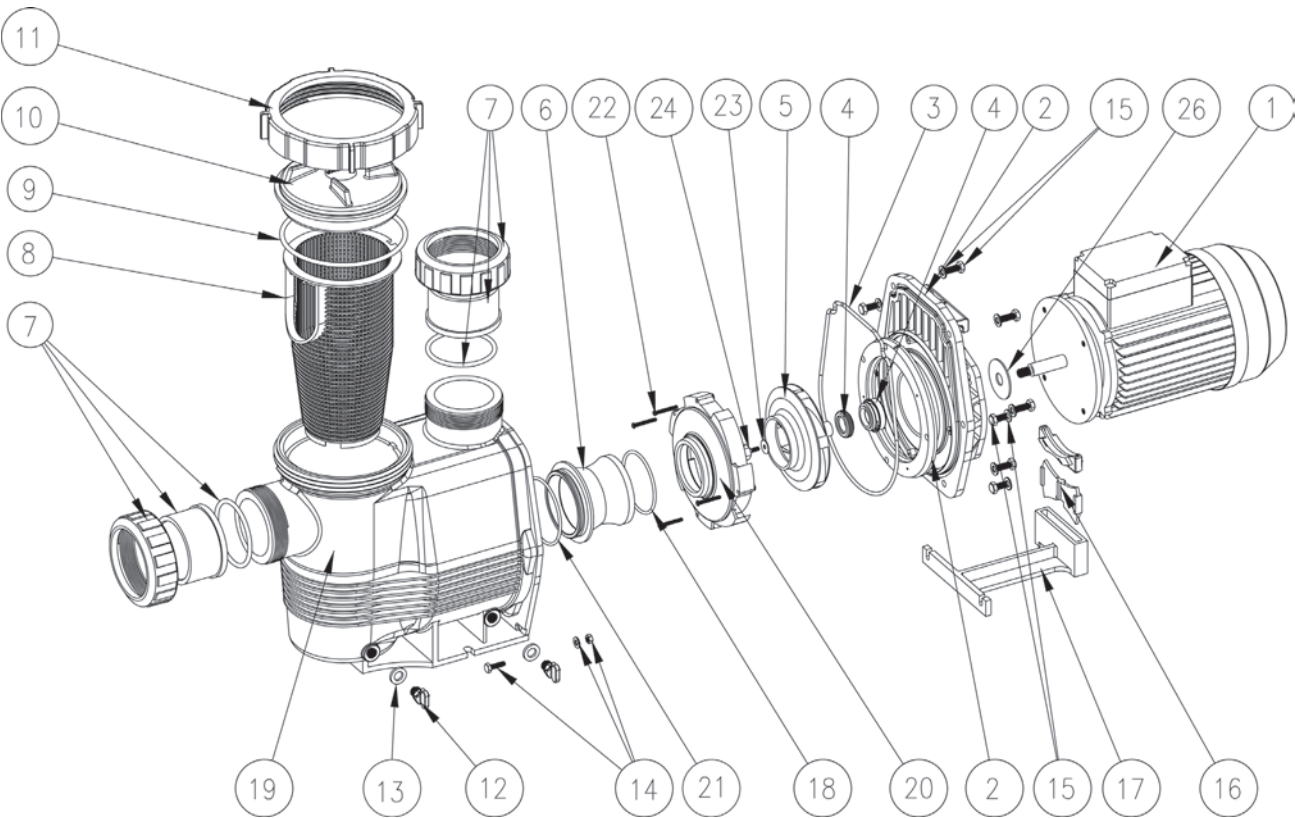
Hydrostorm

Part Number	Product Description	Diagram No.
	Motor	1
6340203	Mounting Bracket/Adaptor Plate	2
634017	Pump Body O-Ring	3
6340162-HBG	Mechanical Seal (316 S/S)	4
63401625	Mechanical Seal (Silicon Carbide S/S Viton)	4
6340120	Impeller (Hydrostorm 75)	5
6340130	Impeller (Hydrostorm 100)	5
63401430	Impeller (Hydrostorm 150)	5
6340145	Impeller (Hydrostorm 200)	5
6340157	Impeller (Hydrostorm 250)	5
63401534	Impeller (Hydrostorm 300)	5
63401533	Impeller (Hydrostorm 350)	5
W22912	L/Hand Screw Moulded M5 x 18	19
634010	Diffuser (Hydrostorm 75, 100, 150, 200, 250)	6
6340103	Diffuser (Hydrostorm 300, 350)	6
W22841	Diffuser Screw (set of 4)	7
82444205	O-Ring BS011	20
634011	Diffuser Gasket	8
6340113	Diffuser O-Ring 3.50hp	8
634022	Pump Foot	9
634021	Pump Foot Insert (Hydrostorm 300-350 & All 3 Phase)	16
6340052	H/L Pot Body & Pump Face	10
W02280	2" Half Union O-Ring	11
634024BLK	2" Half Union C/W O Ring	12
63402400	63Mm European Metric Half Union C/W O Ring	12
122257BLK	2" X 1 1/2" Half Union (Suit 1.00, 1.25Hp 2002)	12
634001	H/L Pot Basket	13
63151	H/L Pot Lid O-Ring	14
634000	H/L Pot Lid	15
63402301	Drain Plug 1/4" NPT	17
620193	O-Ring BS112	18
634086	Lid Toolbar (Suits All Pumps)	n/s
6340446	Capacitors For Hydrostorm 075, 100 & 125	n/s
6340454	Fans For Hydrostorm 075, 100 & 125	n/s
6340440	Fan Covers For Hydrostorm 075, 100 & 125	n/s
6340447	Capacitors For Hydrostorm 150, 200 & 250	n/s
6340455	Fans For Hydrostorm 150, 200 & 250	n/s
6340443	Fan Covers For Hydrostorm 150, 200 & 250	n/s
6340790	Suction Nozzle (1HP - 2.5HP)	21
6340810	Suction Nozzle (3HP - 3.5HP)	21
6340113	O-Ring BS234	22
63402030	Hydrostorm Bracket Handle	23
63401830	Bolt M8 x 20 x 4	24
6302180	Washer M8 x 4	25
63400410	Bolt M6 x 25 x 6	26
6340030	Washer M6 x 8	27
6340060	Nut M6	28

Hydrostorm



Hydrostorm Plus

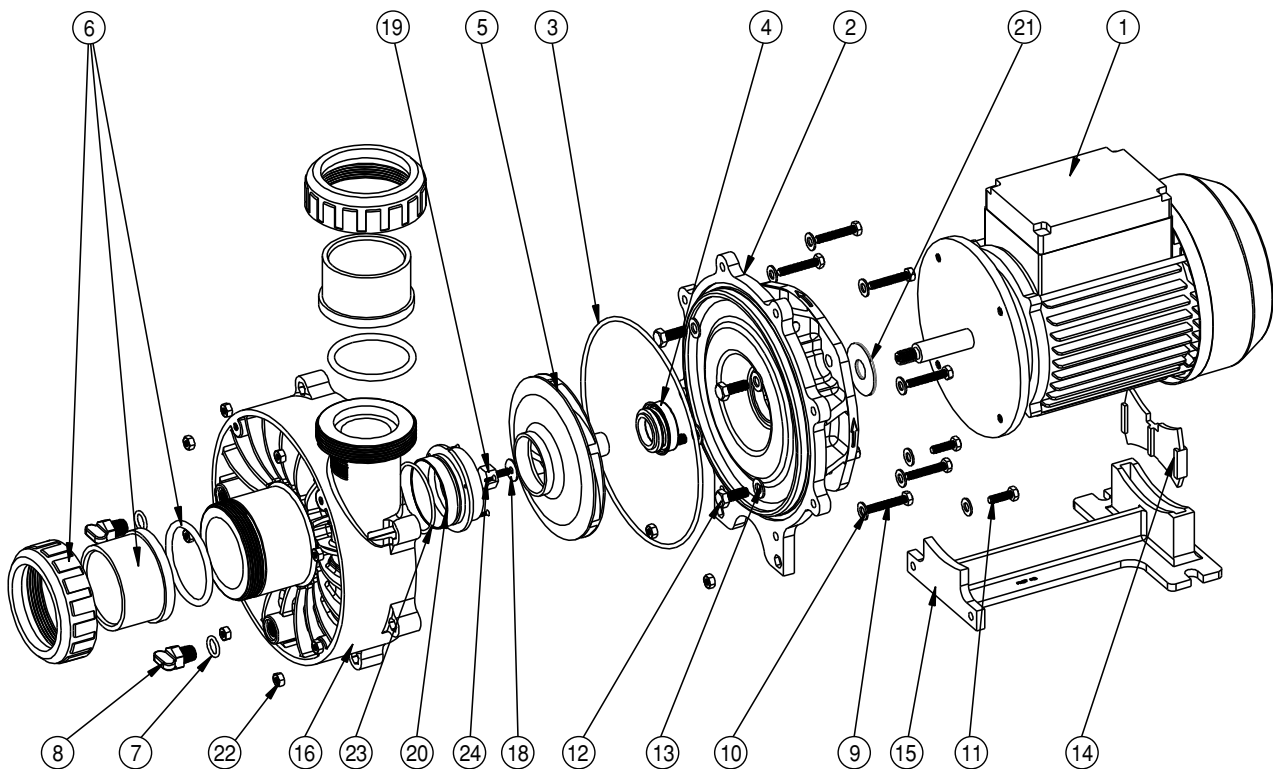


Hydrostorm Plus

Part Number	Product Description	Diagram No.
	Motor	1
63406813	Bracket Assembly	2
634070	Pump Body O-Ring	3
6340162-HBG	Mechanical Seal (316 S/S)	4
63401625	Mechanical Seal (Silicon Carbide S/S Viton)	4
6340120	Impeller (Hydrostorm Plus 100)	5
6340130	Impeller (Hydrostorm Plus 125)	5
63401430	Impeller (Hydrostorm Plus 150)	5
6340145	Impeller (Hydrostorm Plus 200)	5
6340157	Impeller (Hydrostorm Plus 250)	5
63401534	Impeller (Hydrostorm Plus 300)	5
63401533	Impeller (Hydrostorm Plus 350)	5
634015350	Impeller With Flats (Hydrostorm Plus 400)	5
634079	Suction Nozzle (100 - 250)	6
634081	Suction Nozzle (300 - 400)	6
634024BLK	2" Half Union C/W O Ring	7
63402400	63Mm European Metric Half Union C/W O Ring	7
W02280	2" Half Union O-Ring	7
63406550BLK	2 1/2" / 2" Half Union (Suit 6340783)	7
63406565EBLK	2 1/2" Half Union C/W 75Mm Metric Tail Piece C/W O Ring	7
644490	2 1/2" / 3" Half Union Plain End Only (Suit 6340783)	7
12780	Coupling 3"	N/S
634085	H/L Pot Basket	8
61214	H/L Pot O Ring	9
634082	H/L Pot Lid	10
61209	H/L Pot Lock Ring	11
63402301	Drain Plug	12
620193	O-Ring Bs112	13
634004211	Hydrostorm M6 Multi Pack Bolts & Washers (316 S/S)	14
	2 X 6340040 (M6 X 20 Bolt)	
	2 X 6340030 (M6 Washer)	
	2 X 6340060 (M6 Nut)	
63401830	10 X (M8 X 20 Bolt)	
6302180	10 X (M8 Washer)	
634021	Pump Foot Insert (100 - 350)	16
634073	Pump Foot Insert (400 Only)	16
634022	Pump Foot (100 - 350)	17
634072	Pump Foot (400 Only)	17
634011	Diffuser Gasket (100 - 250)	18
6340113	Diffuser Gasket (300 - 400)	18
634076	Pump Face H/L Pot Body 50Mm (Hydrostorm Plus 100 - 250)	19
634078	Pump Face H/L Pot Body 65Mm (Hydrostorm Plus 300, 350)	19
634010	Diffuser (Hydrostorm Plus 100 - 250)	20
6340103	Diffuser (Hydrostorm Plus 300, 400)	20
6340113	Suction Nozzle O-Ring	21
W22841	Diffuser Screw (Set Of 4) (100 - 250)	22
S1290816	Diffuser Screw (Set Of 4) (300 - 400)	22
82444205	O-Ring Bs011 (1Hp - 3Hp)	23
6340412	O Ring Bs113 (400 Only)	23
W22912	4 Hand Screw M5 X 18 Moulded	24
6340411	Nut M10 Overmoulded	24
631782	Motor Slinger (1Hp - 2.5Hp)	26
634086	Lid Toolbar (Suits All Pumps)	N/S

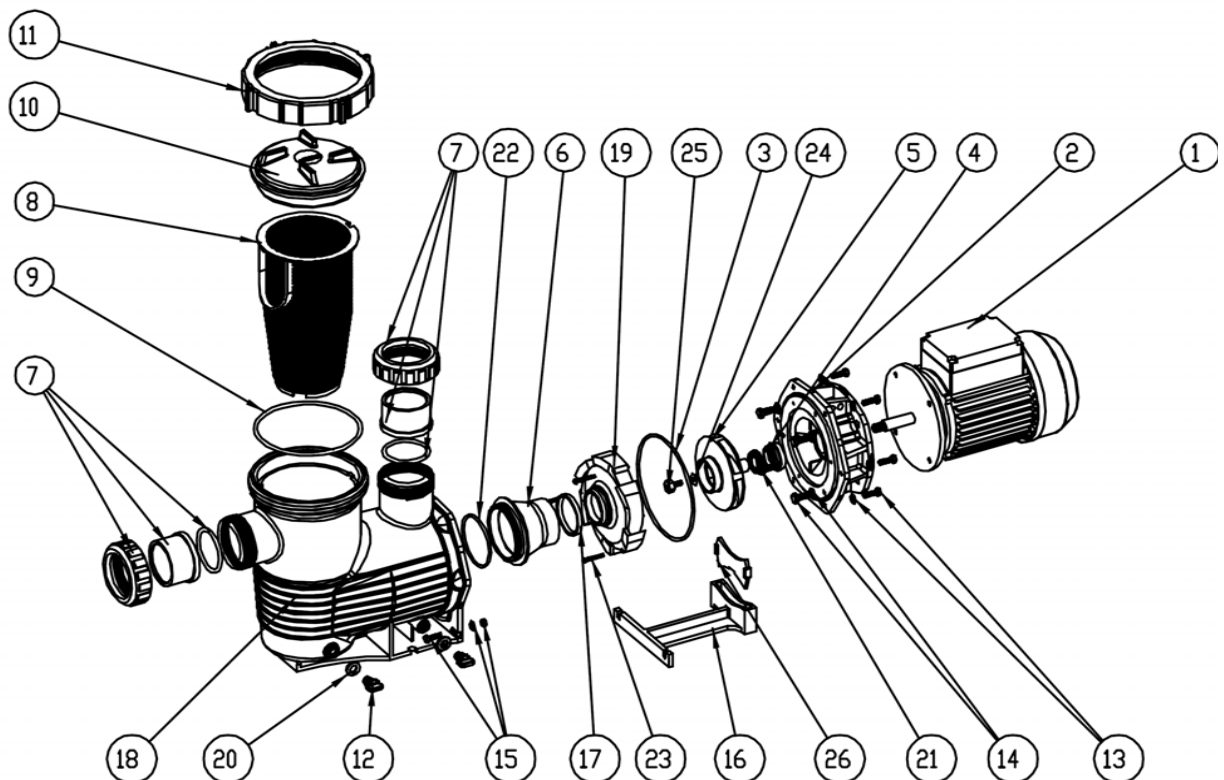
Turboflo

Part Number	Product Description	Diagram No.
	Motor	1
634101	Bracket	2
61307	Bracket O-Ring	3
6340162-HBG	Mechanical seal	4
63401625	Silicon Carbide Seal	5
634012	Impeller - 1.0hp	5
6340143	Impeller - 1.5hp	5
6340145	Impeller - 2.0hp	5
6340157	Impeller - 2.5hp	5
63401534	Impeller - 3.0hp	5
634055	Impeller - 4.0hp	5
634024BLK	Half Union 2" with O Ring (x2)	6
620193	Drain Plug O Ring - BS112 (x2)	7
63402301	Drain Plug (x2)	8
63400411	Hex Set Screw - M6x35 SS316 (x8)	9
6340030	Washer - 1/4x9 SS316 (x10)	10
6340040	Hex Set Screw - M6x20 SS316 (x2)	11
63401830	Hex Set Screw - M8x20 SS316 (x4)	12
6302180	Washer - 5/16x5 SS316 (x4)	13
63402122	Foot Insert (alternate)*	14
634106	Pump Foot	15
634100	Pump Body	16
82444205	O-Ring BS011 (3HP & Below)	18
6340412	O Ring (for 4.0hp)	18
W22912	H/Hand Screw M5 x 18 Moulded (3HP & Below)	19
6340411	Nut M10 Overmoulded 4.0hp	19
634104	Suction Nozzle - 1.0hp to 2.5hp	20
631781	Motor Slinger - 1.0hp to 2.5hp	21
631782	Motor Slinger - 3.0hp, 4.0hp	21
72591133	Suction Nozzle O Ring - BS138 (1.0hp to 2.5hp)	23
63612642	PT Screw 3Gx6.5, Countersunk SS316 (x3)	24



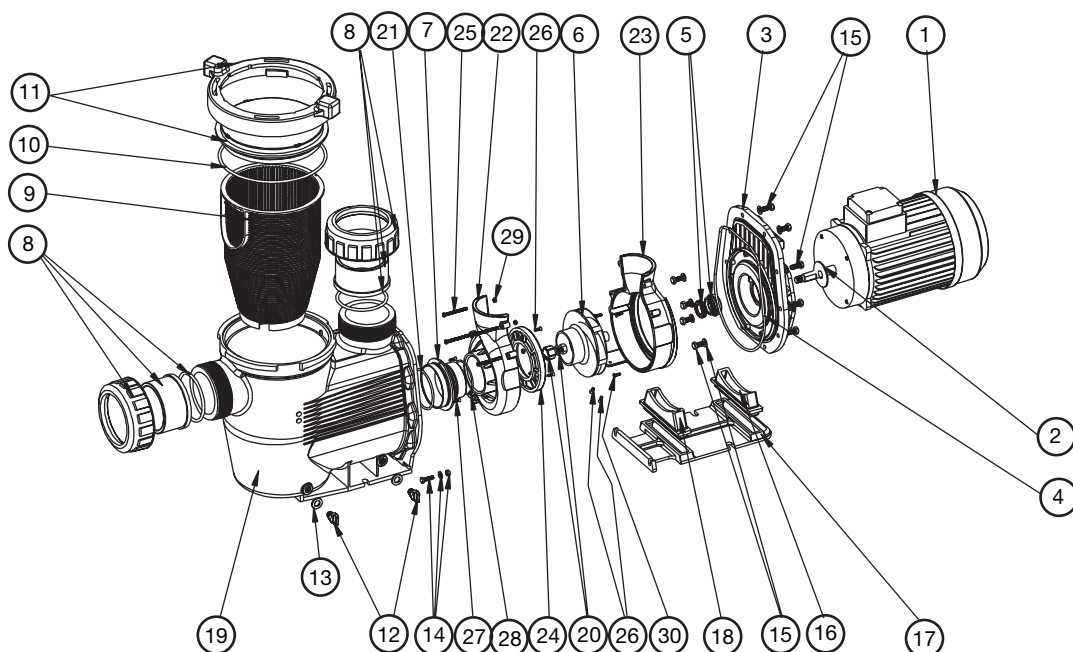
Hydrotuf

Part Number	Product Description	Diagram No.
	Motor	1
6350216	Hydrotuf Bracket	2
635028	Pump Body O ring	3
6340162-HBG	Mechanical Seal	4
63501625	Mechanical seal (silicone carbide s/s viton)	4
63501103	Impeller 100	5
63501403	Impeller 125	5
63501201	Impeller 150	5
6350232	Impeller 250	5
6350162	Impeller 300	5
634079	Suction Nozzle	6
634024BLK	2" imperial Half Union C/W O-Ring	7
63402400	63mm Metric Half Union C/W O-Ring	7
634085	H/L Pot Basket	8
61214	H/L Pot O ring	9
634082	H/L Pot Lid	10
61209	H/L Pot Lock Ring	11
63402301	Drain Plug 1/4" NPT (2 required)	12
620193	O-Ring BS112	
6302180	10 x M8 Washer (4 required)	
63401830	10 x M8 x 20 Bolt (4 required)	
634004211	M6 Multi Pack Bolts & Washers 316 S/S	15
	2 x 6340030 M6 Washer (8 required)	
	2 x 6340040 M6 x 20 Bolt (8 required)	
	2 x 6340060 M6 Nut (2 required)	
6340223	Pump Foot	16
634011	Diffuser Gasket	17
63501915	Pump Face H/L Pot Body 50mm	18
635017	Diffuser	19
6340212	Pump Foot Insert (150, 200)	26
63402123	Pump Foot Insert (075, 100, 125)	26
634086	Lid Toolbar (suits all pumps)	n/s
6340113	O-Ring BS234	22
S1290816	Diffuser Screw (Require 4)	23
82444205	O-Ring BS011	24
W22912	L/Hand Screw Moulded	25



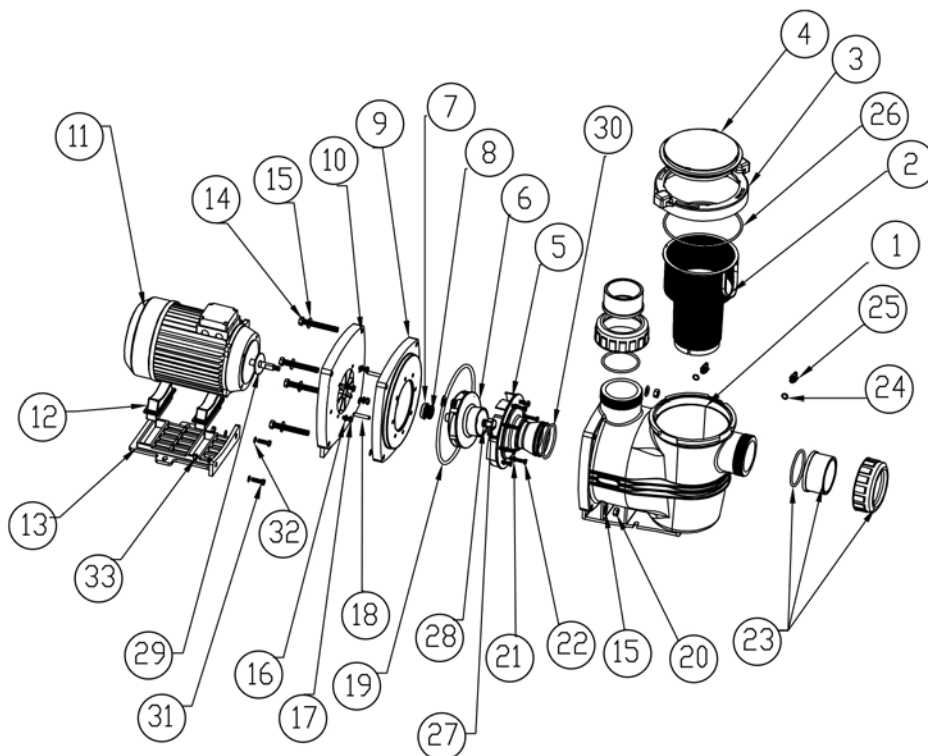
Hydrostar MK3 (Post 08/2006)

Part Number	Product Description	Diagram No.
	Motor	1 & 2
631782	Motor Slinger 52 X 16 X 2	2
6340682	Hydrostar Bracket	3
6340700	Bracket O Ring	4
6340162-HBG	Mechanical Seal (316 S/S)	5
63401625	Mechanical Seal (Silicon Carbide S/S Viton)	5
6340550	Impeller (Hydrostar 400 Mk2) To Suit Keyshaft	6
6340560	Impeller (Hydrostar 500 Mk2) To Suit Keyshaft	6
6340570	Impeller (Hydrostar 600 Mk2) To Suit Keyshaft	6
6340580	Impeller (Hydrostar 700 Mk2) To Suit Keyshaft	6
6340543	Hydrostar Volute Nozzle	7
634080BLK	3" Half Union C/W O Ring	8
634080EBLK	90Mm European Metric Half Union C/W O-Ring	8
W02249	3" Half Union O-Ring	8
6340630	Basket Pump Hydrostar Commercial	9
634075	H/L Pot Lid O-Ring	10
6340651	H/L Pot Quarter Turn Lid And Lock Ring	11
63402301	Drain Plug 1/4" Npt (2 Required)	12
620193	O-Ring BS112	13
634004211	M6 Multi Pack S/S 316 (Pack Of 2)	14
	2 X 6340040 (Screw M6 X 20 Hex Set SS316)	
	2 X 6340030 (Washer Ss316 1/4" X 9/16" X 18G)	
	2 X 6340060 (Nut M6 Hex Ss316)	
63401830	14 X Screw Hex Set M8 X 20 S/S316	
6302180	14 X Washer S/S 316 5/16" X 5/8" X 18G	
634073	Pump Foot Insert (Hydrostar 400 - 600)	16/18
6340741	Pump Foot Insert (Hydrostar 700)	16/18
634072	Pump Foot (All Models)	17
6340514	Hydrostar Body 3" Port Mk2	19
6340411	Nut M10 Overmoulded (For Mk2 Motors)	20
6340412	O-Ring (BS113)	20
663393	O-Ring (BS152)	21
6340540	Volute Front	22
6340541	Volute Rear	23
6340542	Volute Insert (400, 500)	24
6340825	Screw M4 X 40Mm P/Head SS304 (4 Required)	25
6340828	Screw 8G X 5/8" Countersunk SS304 (5 Required)	26
W12276	1/2" X4g SS316 Screw	27
6340115	O-Ring (Bs145)	28
6340826	Nut M4 Nyloc Hex SS304 (4 Required)	29
6340827	Screw 8G X 13Mm Countersunk Ss304 (3 Required)	30



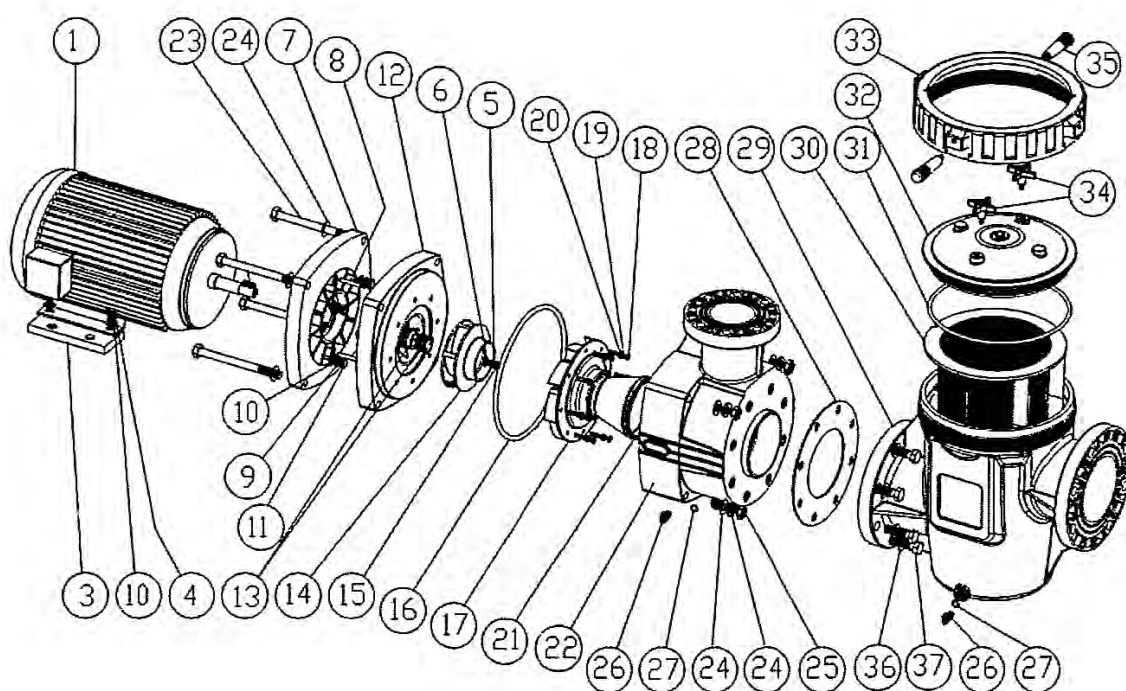
Hydrostar MK4

Part Number	Product Description	Diagram No.
6340516	Pump Housing 3"Port H/Star MK4	1
6340630	Basket Pump H/Star Comm & S/Steel Pump	2
634065	Hydrostar Lock Ring	3
634067	Hydrostar H&L Pot Lid	4
6346020	Diffuser W/Brass Ring H/Star MK4	5
6340550	Hydrostar Impeller 4HP Key Way Shaft	6
6340570	Hydrostar Impeller 6HP	6
6340580	Hydrostar Impeller 7HP	6
634016201	Mech Seal Primary Seal Ring 6A Matte 316	7
6340162-HBG	Mechanical Seal 316SS G-0750-00-A1 7/	7/8
6346010	Pump Seal Plate W/In H/Star MK4	9
63401625	Silicon Carbide Seal	
6346000	Motor Adaptor Plate H/Star MK4	10
	Motor	11
6340740	Pump Foot Insert 550-700 H/Star MK4	12
6340744	Pump Foot Insert 400 H/Star MK4	12
6340720	Pump Foot 400-700 H/Star MK4	13
63409201	Bolt M12x100mm Hex HD SS316 Full Thread	14
W32467	Washer Plain 1/2" UNC SS316	15
6302180	T'Tuf Mounting Washer S/S316 5/16 x 5/8	16
6350545	Bolt M8 x 45mm Hex HD SS316	17
6346500	Dowell Pin 8x47.5mm	18
634607	O'Ring 258mm ID x 8mm	19
63409391	Nut Hex STD M12 Brass NI Plated	20
6340030	T'Tuf H/L Pot Foot Washer M6* S/S316	21
6346520	Bolt Hex HD 1/4" UNC x 1 3/4"SS316	22
634080BLK	Half Union 80mm w/o'ring - Black	23
620193	O'Ring BS112 ID12.37x2.62	24
63402301	Drain Plug 1/4" NPT	25
634075	Hydrostar Lid O'Ring G200 NBR 70SH	26
6340411	Nut Moulded M10 H/Star IMP	27
6340412	O'Ring Nut Moulded BS113 ID13.95x2.62	28
631782	Motor Slinger 52x16x2mmth	29
634608	O'Ring BS346	30
	Screw M8x30 SS316 Allen Key Head	31
6302180	T'Tuf Mounting Washer S/S316 5/16 x 5/8	32
W32054	Hexagon Nut SS316 M8x1.25	33



Hydrostar Plus

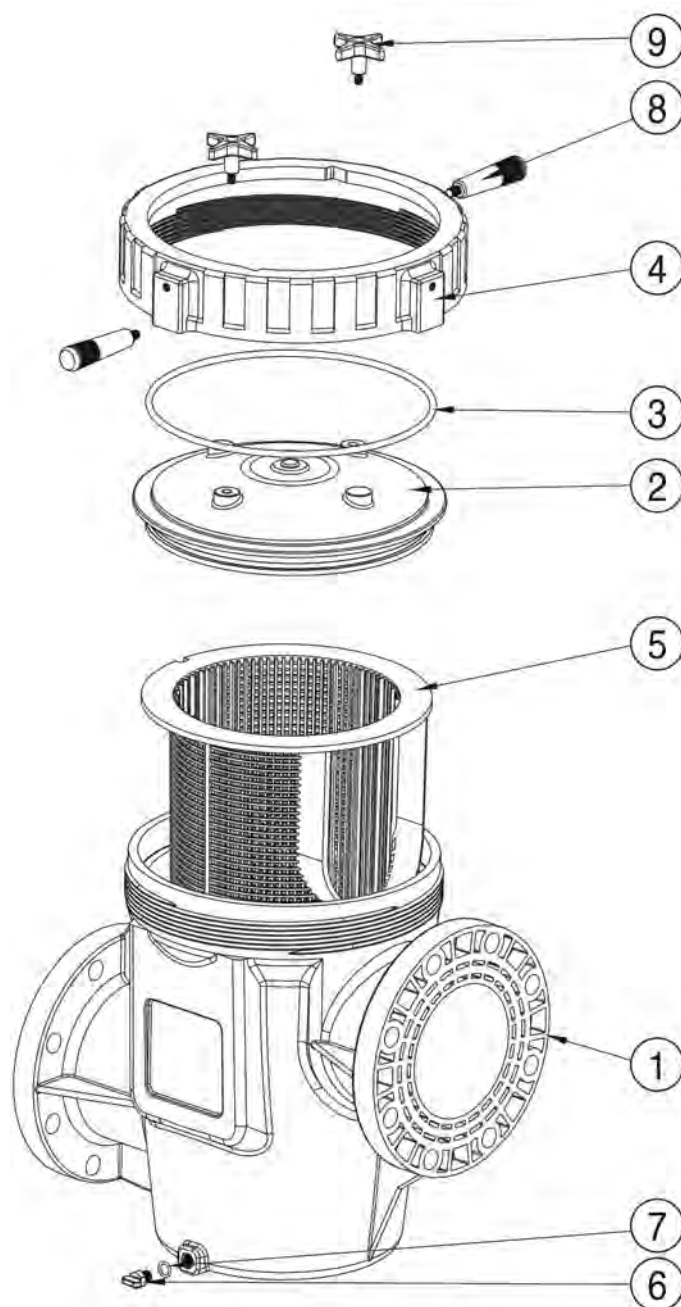
Part Number	Product Description	Diagram No.
	Motor	1
6340742	Motor Support Spacer	3
6340920	Bolt M12X25 Hex HD SS304	4
6345035	Spring Washer 3/8" S/Steel	5
6302181	M10 Washer SS	6
634600	Motor Adaptor Plate	7
6340650	Dowel Pin 5/16"X54mm SS316	8
W12769	Spring Washer 1/2" S/Steel	9
6340936	Plain Washer	10
W12768	Bolt 3/8" UNC x 1 S/Steel	11
634601	Pump Seal Plate w/Inserts	12
63401629	Mech Seal Type 2100 1" DIA	13
63401624	Marine Grade Mechanical Seal 1" DIA	13
634610	Impeller 10HP w/Insert	14
634611	Impeller 7.5 HP w/Insert	14
634651	Screw S/Head 3/8"-UNCX1"SS304	15
634605	O'Ring 286 ID X 9.5MM	16
634602	Diffuser w/Brass Ring	17
634652	Bolt Hex HD 1/4"-UNC X 1 3/4"SS304	18
645461	Salty/SS 1/4" Spring Washer	19
6340030	Washer	20
634606	O'Ring BS354	21
634604	Pump Housing H/Star + 10HP 4" JIS Flange	22
63409380	Bolt Hex 5/8"-UNC X 8" SS304	23
63409370	Washer 5/8"X 1 1/4"X 14G SS304	24
63402302	Drain Plug 1/4" BSP	26
620193	O'Ring BS112 Air R Vlv/Drain	27
63453064	Flange Gasket 6" Bore	28
63450580	PP Strainer Housing 6"FL Port B/Hydro	29
63450520	Strainer Basket Polypropylene Mk2	30
W32672	O'Ring Opal Lid	31
63450500	Strainer Lid PC Clear	32
620232	Filter Lock Ring 12"	33
W02629	Opal Cartridge Handle (AXFI168)	34
6202321	Handle 12" & 16" Lockring	35
63409370	Washer 5/8"X 1 1/4"X 14G SS304	36
634609	Impeller 12.5HP with Insert Hydrostar Plus	



Hydro Commercial Strainer

Product Codes: 2409058, 2409057, 2408054

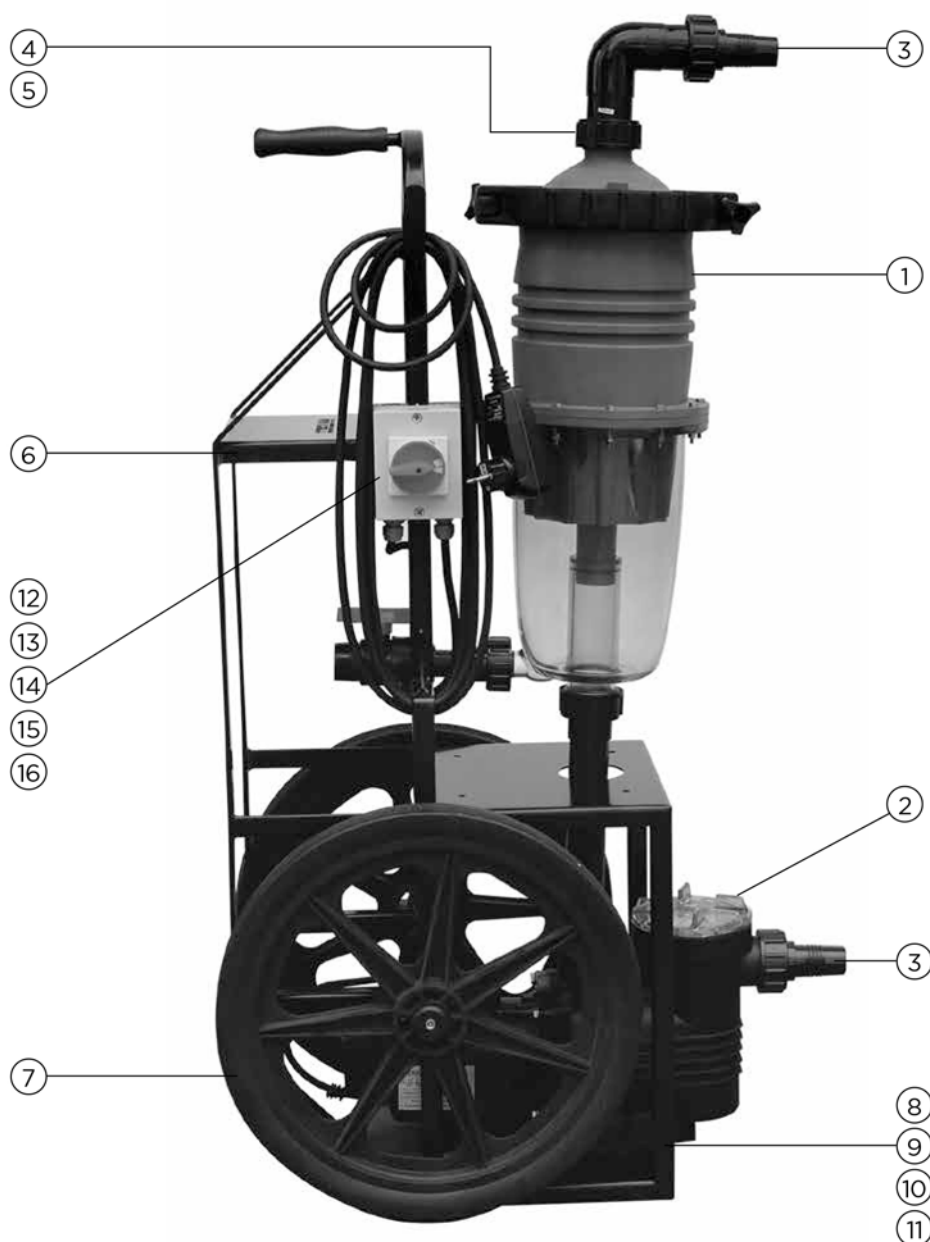
Part Number	Product Description	Diagram No.
63409031	PP Strainer Housing 4" Threaded Port SS	1
63409032	PP Strainer Housing 6" Flange Port SS	1
63450581	PP Strainer Housing 4" Flange Port B/Hydro	1
63450582	PP Strainer Housing 4" Threaded Port B/Hydro	1
63450580	PP Strainer Housing 6" Flange Port B/Hydro	1
63450500	Hair & Lint Pot Lid 12" PC Clear	2
W32672	Lid O Ring AS452A NBR 50 Shore	3
620232	Filter Lock Ring 12"	4
63450520	Strainer Basket PP	5
63402302	Drain Plug 1/4" BSP	6
620193	O Ring BS112	7
6202321	Handles x 2, Opal Lid/12" + 16" lock ring	8
W02629	CF Knob	9



Ultra Portable Cart

Product Codes: 200400UK, 200400EU

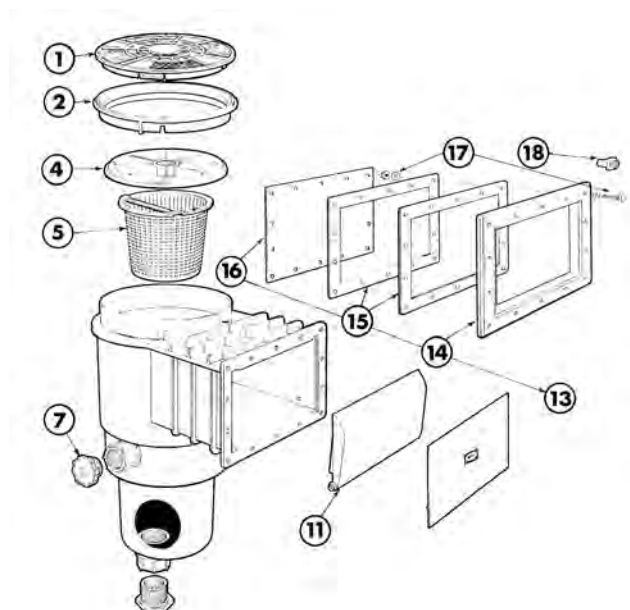
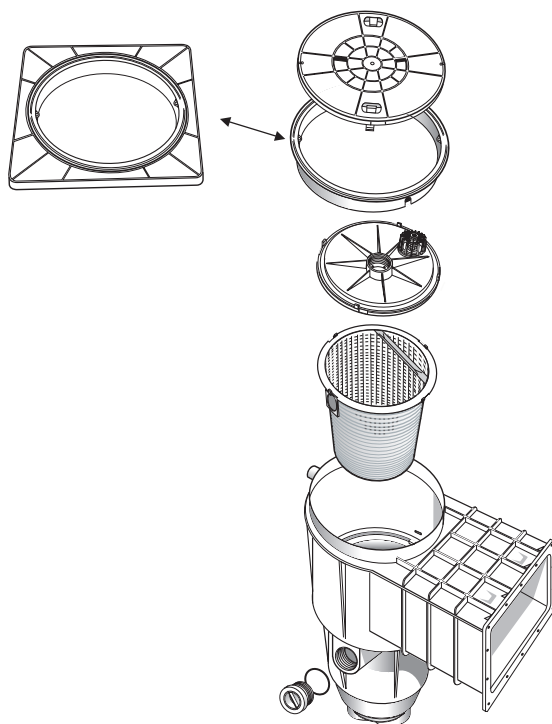
Part Number	Product Description	Diagram No.
200380	Multicyclone 12 Plus C40 Cart 50mm Metric EUM - See main pricelist	1
2403050PNR-M	Supastream Pump 050 PNR Metric - see main pricelist	2
122312	Hose Adaptor Barbed 1" x 1 1/2" Union	3
W02213	O-Ring 40mm B/U EPDM	4
W02208B	B/U Threaded End Slip / THRD 40mm Black	5
W32483	Metal Trolley Rack	6
W32487	Hollow Tread Wheel with PP Spoked Rim 20" x 13/4"	7
6340040	Bolt M6 x 20 SS316 For Pump Foot Mounting	8
W32478	Washer M6 SS304 For Pump Foot Mounting	9
W32479	Nut Hex M6 SS316 For Pump Foot Mounting	10
6340040	Washer M6 SS316 For Pump Foot Mounting	11
W32480	Screw M4 x 40 Allen Cap SS316 For Isolator Mounting	12
6340826	Nut M4 Nyloc Hexagonal SS304 For Isolator Mounting	13
W32482	Washer M4 SS316 For Isolator Mounting	14
S13314A	Wire Loom 1.5 x 300 Green For Grounding	15
W32484	Isolator 32A 230V - 440V & RCD Plug & Cable Assembly Suit UK Plug	16



Waterco Supaskimmer

Part	Product Description	Diagram No.
62411S	Deck lid Sandstone colour	1
624171S	Deck lid MK2 (Suit T/lock type) Sandstone	1
6241119S	Commercial deck lid assembly T/lock Sandstone GFABS - See main pricelist	1+2
6241019S	Commercial dress ring T/lock Sandstone GFABS - See main pricelist	1+2
62410S	Dress ring Sandstone colour - See main pricelist	2
624181S	Square dress ring T/lock Sandstone	2
624191S	Round dress ring T/lock Sandstone	2
624105	Dress Ring Extension - 60mm	
624024	Supa skimmer leaf basket	5
62408	Supa skimmer vacuum plate / Skimtrol Assy	4
62469	Vacuum plate o ring BS 272	
62407	Weir door assembly	11
62412	Weir door clip	
62404	Plug 1½"	7
29260	Escutcheon Assembly Kit	13
292631	Face plate standard	14
829111	Gasket set (2)	15
62444	Stainless steel screw each	17
62439	Escutcheon Clip	18
62426	Widemouth Escutcheon Kit	
62438	Nutserts (Each)	
W22579	Skimmer deck lid latch s/stone post Oct 2012	
W22580	Skimmer deck lid slider s/stone post Oct 2012	
SKIMTROL - CONTROL VACUUM PLATE		
W02266	Valve Spring	
32731	Valve Stem	
32732	Valve Strainer	

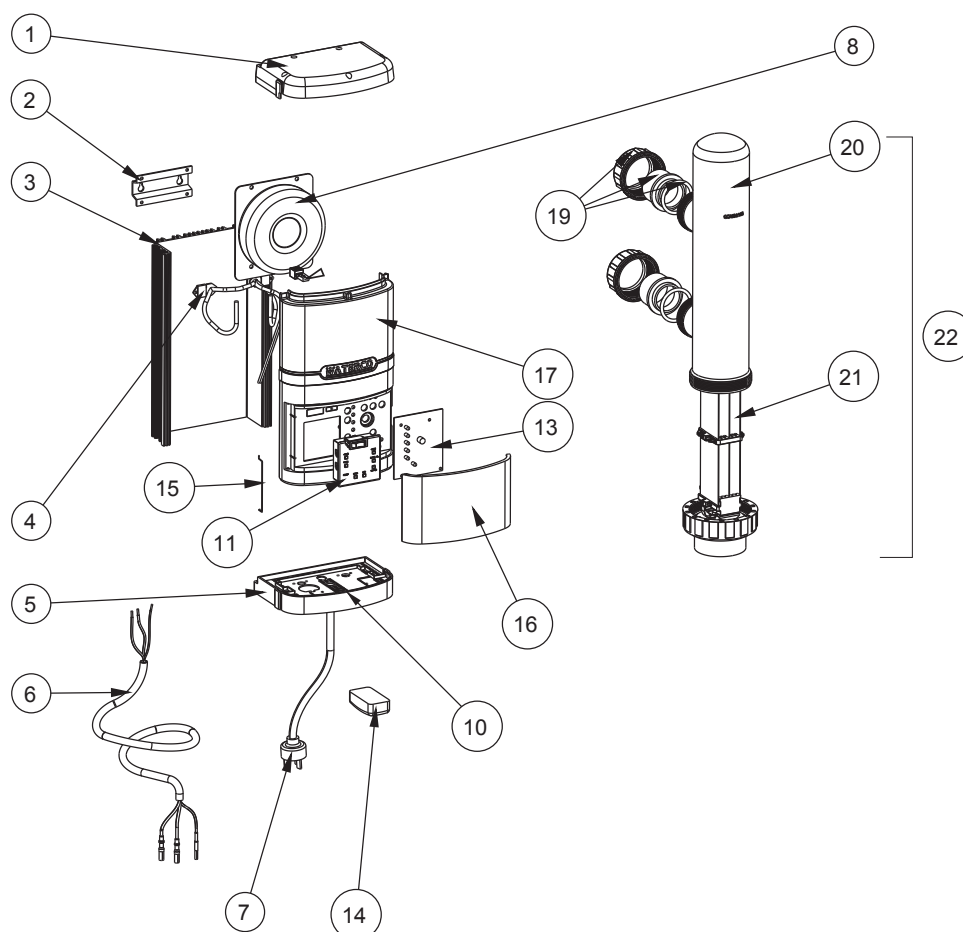
Post Oct 2012 additional interlocking mechanism is added



Hydrochlor - MKIII - 3 Pin

Product Code: 6450131

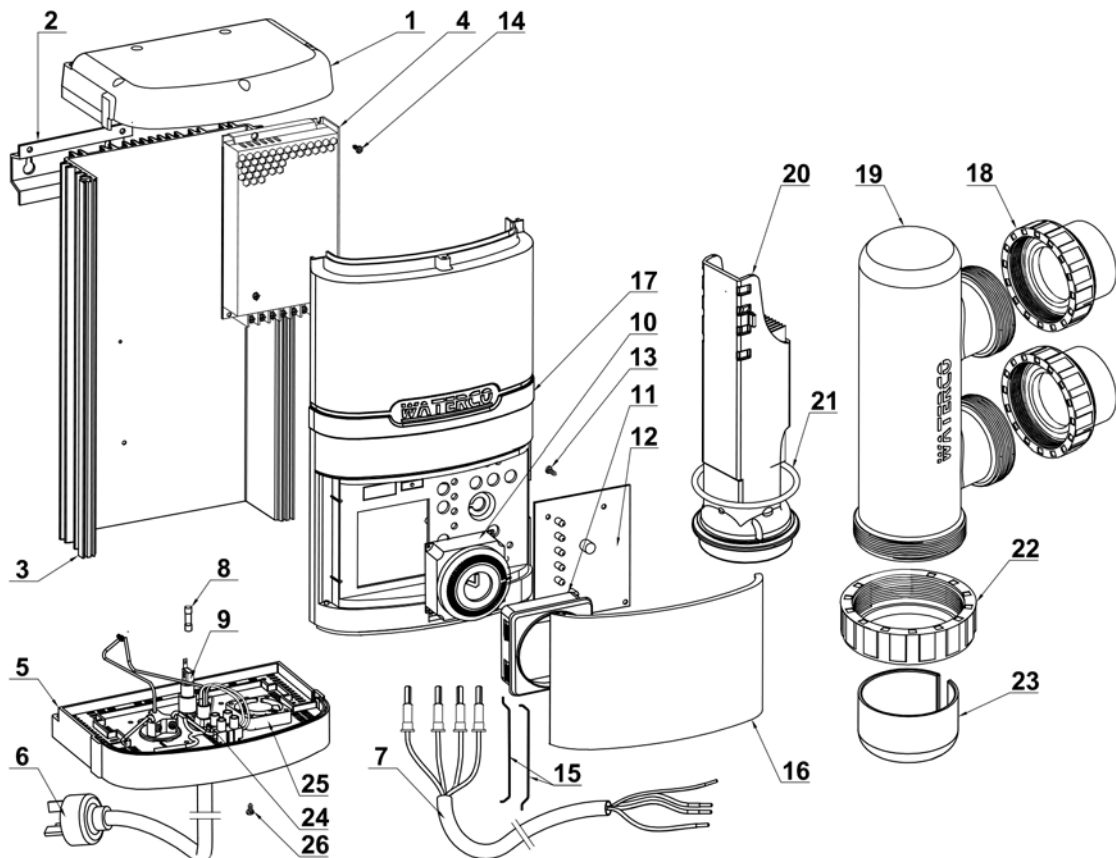
Part Number	Product Description	Diagram No.
6440232	Hydrochlor P/PAK Top	1
6440713	Mounting Bracket	2
6440710	Heatsink Power Pack	3
W24570	SCR Assembly 20A SC - 30A SC	4
644024	Chlorinator P/P Bottom Housing	5
64134	Mains Lead 10A 240V	7
644915	Cell Lead Assembly	6
641162	Toroidal Transformer 250VA 240V/8.5V	8
641160	Toroidal Transformer 400VA 240V/8V	8
641326	Fuse Slow Blow 4A 5 x 20mm	10
6440813	24 Hour Timer Hydrochlor	11
6450756	PC Board SC Hydrochlor	13
64128	Junction Box (suits all)	14
6440250	Spring Housing Window Top	15
6440251	Spring Housing Window Bottom	15
644025	Chlorinator P/P Housing Window	16
6440222	Hydrochlor P/Pk Front	17
634024BLK	Half Union Black 2" c/w O'Ring	19
644509	Cell Housing 20A, 25A & 30A	20
64428614	Cell Plates Ass'y Hydrochlor 20A SC (nut not included)	21
64428615	Cell Plates Ass'y Hydrochlor 25A SC (nut not included)	21
64428616	Cell Plates Ass'y Hydrochlor 30A SC (nut not included)	21
6449620	Cell & Housing Ass'y Hydrochlor 20A SC	22
6449625	Cell & Housing Ass'y Hydrochlor 25A SC	22
6449630	Cell & Housing Ass'y Hydrochlor 30A SC	22
6450020	Hydrochlor 20A SC Power Pack	23
6450026	Hydrochlor 25A SC Power Pack	23
6450030	Hydrochlor 30A SC Power Pack	23
6450821	Current Sensing Harness	
641360	Fuse Holder 20x5mm	



Hydrochlor MKIII

Product Codes: 25140120, 25140125, 2540130

Part Number	Product Description	Diagram No.
6440232	Hydrochlor P/PAK Top	1
6440713	Mounting Bracket	2
6440710	Heatsink Power Pack	3
641181	SM Power Supply LRS 15-24	4
644024	Chlorinator P/P Bottom Housing	5
64134	Mains Lead 10A 240V	6
644917	Lead Ass'y SMP Chlorinator	7
641321	Fuse 3.15A Slow 20mm	8
641360	Fuse Holder 20 x 5 mm	9
6440720	Time Switch Module 24H W/Battery Backup	10
6440723	Timer w/o Battery Back-up	10
644073	Bracket For Timer	11
641187	PCB SMP Chlorinator Control	12
S1120815	Screw 4Gx3/8" Phead SS 13	13
6440251	Spring Housing Window Bottom	15
6440250	Spring Housing Window Top	15
644025	Chloe P/P Housing Window	16
6440222	Hydrochlor P/Pack Front	17
634024B	Half Union 50mm W/O'Ring (2 required) - Black	18
644509	Cell Housing 20A, 25A & 30A	19
85529	O'ring 85x5	21
63406551BLK	H/U Lock Nut 65mm Black	22
644513	Chlorinator Series Cell Term Cap	23
S123811	Cord Grip Heyco 1214	24
644086	Fan 12v DC RS4010S12H	25
72511884	Screw 6Gx1/2" Pan PH HD ST	26
6450821	Harness Set Ass'y SMP H/Chl	
64428720	Cell Plates Assy 2000 Standard	
64428725	Cell Plates Assy 2500 Standard	
64428730	Cell Plates Assy 3000 Standard	
64428820	Cell Plates Assy 2000 Premium	
64428825	Cell Plates Assy 2500 Premium	
64428830	Cell Plates Assy 3000 Premium	



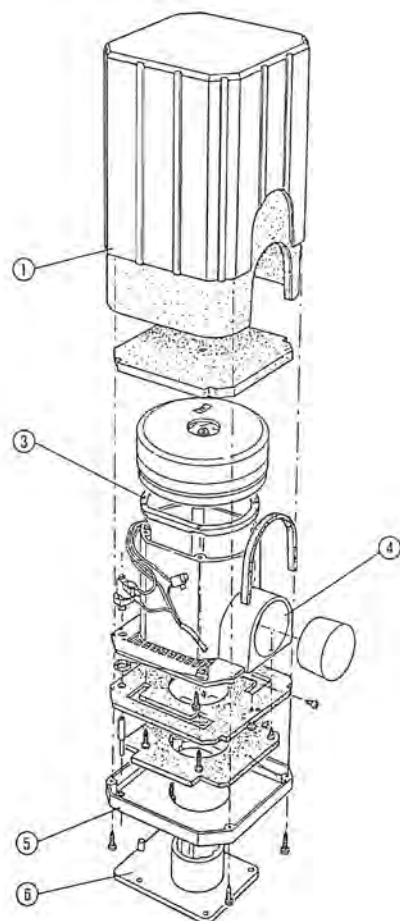
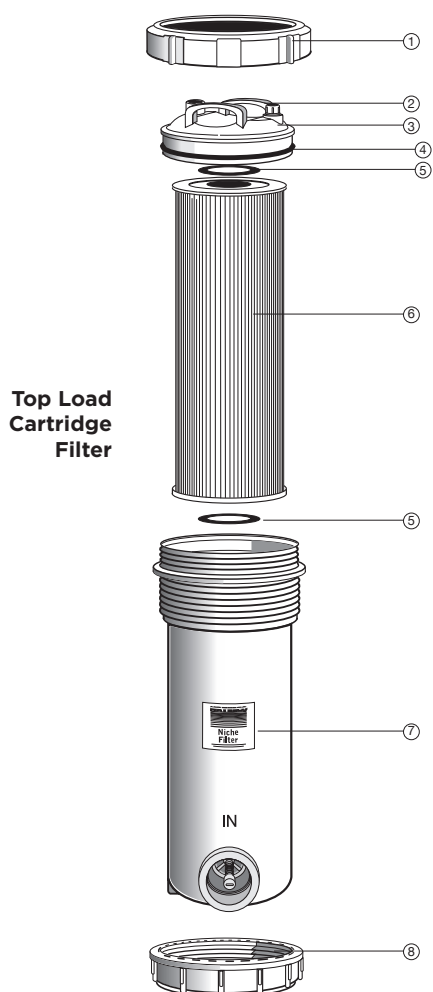
Top Load Cartridge Filter

Part Number	Product Description	Diagram No.
61209	Lid lock ring	1
61206	Air release valve	2
61207	Air release o ring	n/s
61205	Lid	3
61208	Lid o ring	4
61213	Spacer ring	5
62010	50sq ft cartridge	6
62009	75sq ft cartridge	6
61210	Top load filter tank 50	7
61211	Top load filter tank 75	7
61212	Body lock ring	8
61200	Bi-pass valve	n/s

Whisper Air / Airflo Blowers

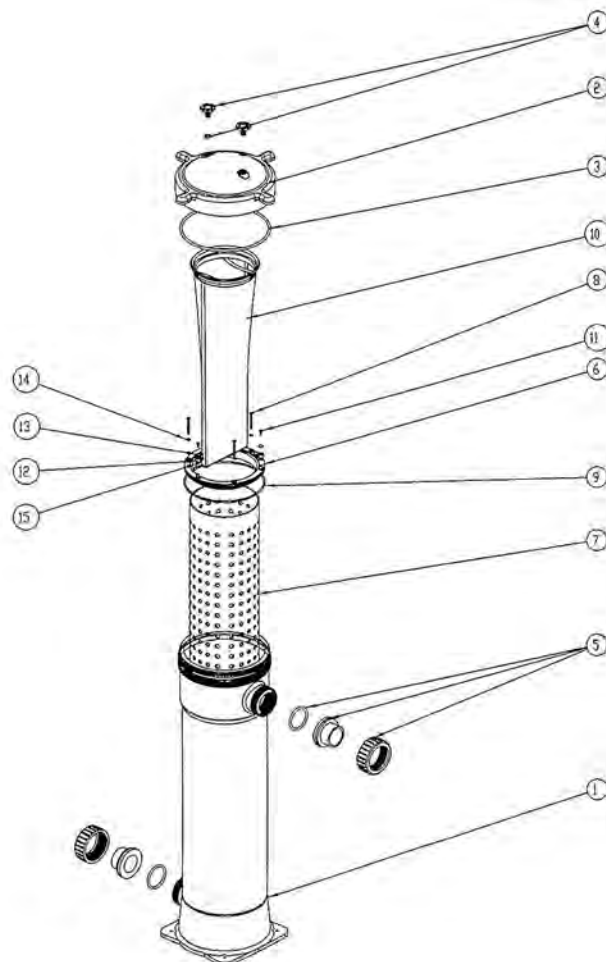
Product Code: 282410

Part Number	Product Description	Diagram No.
S130501	Blower outer housing	1
S130551	Blower motor mounting gasket	2
S130581	Internal motor mount	3
S130531	Blower bottom cowl	4
S130511	Blower base (stand)	5
S13785	Blower motor brushes (each)	6
S12811	Air Switch Latch	7
82443911	Fair-Rite Suppression Core	
82443905	EMI Filter	



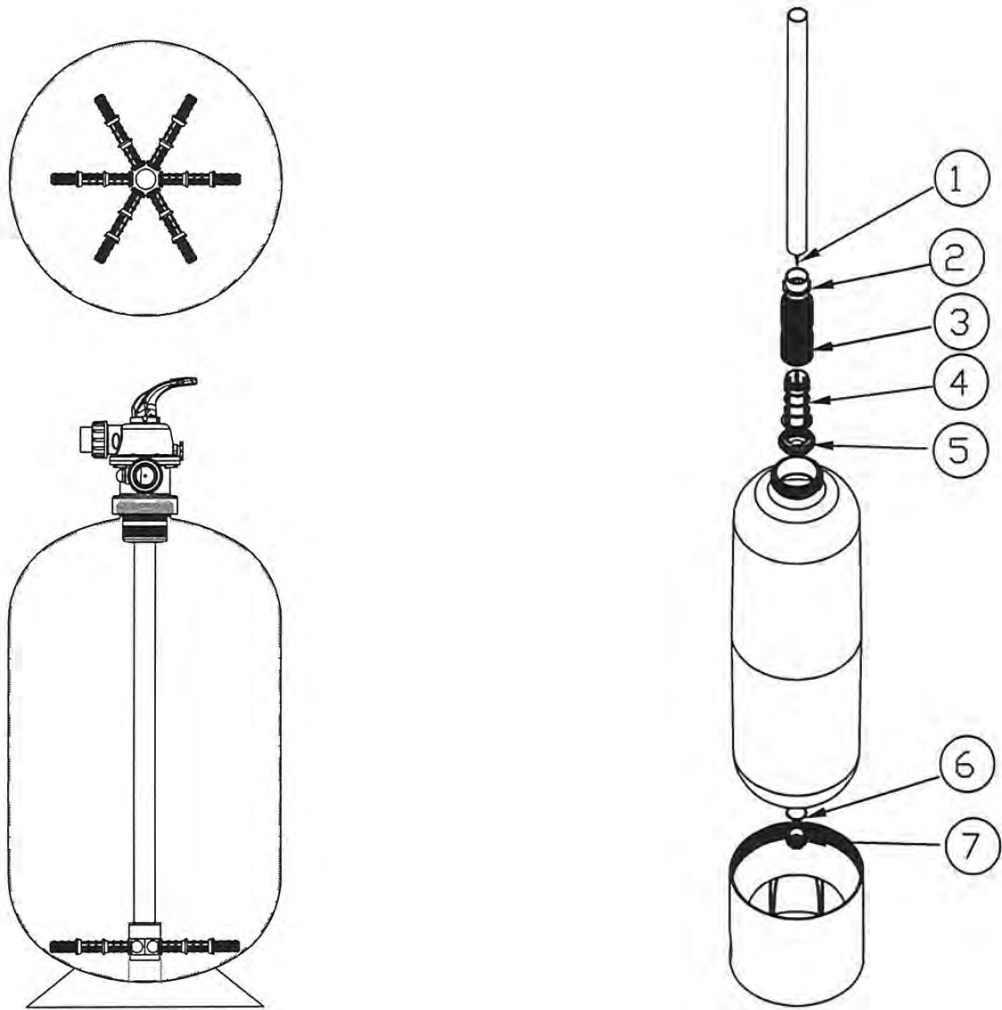
Commandomatic Trimline Filters

Part Number	Product Description	Diagram No.
COMMANDOMATIC BAG FILTER (TBF)		
3651931	1 micron filter bag - C50	10
36519310	1 micron filter bag - C75	10
3651924	5 micron filter bag - C50	10
36519240	5 micron filter bag - C75	10
3651925	25 micron filter bag - C50	10
36519250	25 micron filter bag - C75	10
3651926	50 micron filter bag - C50	10
36519260	50 micron filter bag - C75	10
36519265	800 micron filter bag - C50	10
36519266	800 micron filter bag - C75	10
62044180	Trimline Bag Filter C75 Tank Drilled	1
6204417	Trimline Bag Housing Lid	2
620262	O Ring G220	3
620261	O Ring G220 - Viton	3
620221	Air release valve (x1)	4
6201931	Air release valve - Viton (O Ring)	4
122256BLK	Half Union Trimline 2"/50mm Black (2 required)	5
122257BLK	Half Union Trimline 2"/1.5" Black (2 required)	5
W02647BLK	Lock nut 2" (2 required)	5
6340246BLK	Tail end 2" x 50mm (2 required)	5
W02648BLK	Tail end 2" x 1.5" (2 required)	5
W02280	O Ring BS332 Half Union 2"	5
3651947	Cage Ring	6
3651946	T/L Bottle with drill Hole - C50	7
36519460	T/L Bottle with drill Hole -C75	7
620292	Screw - CSK 10g x 50 SLD TPPNG	8
620293	O Ring 205 x 4	9
6340087	Screw - CSK 8g x 13 SLD TPPNG	11
620291	latch	12
620294	washer	13
82444204	o ring BS 011	14
82444205	o ring BS 010	15



W & WD Series Deep Bed Filter

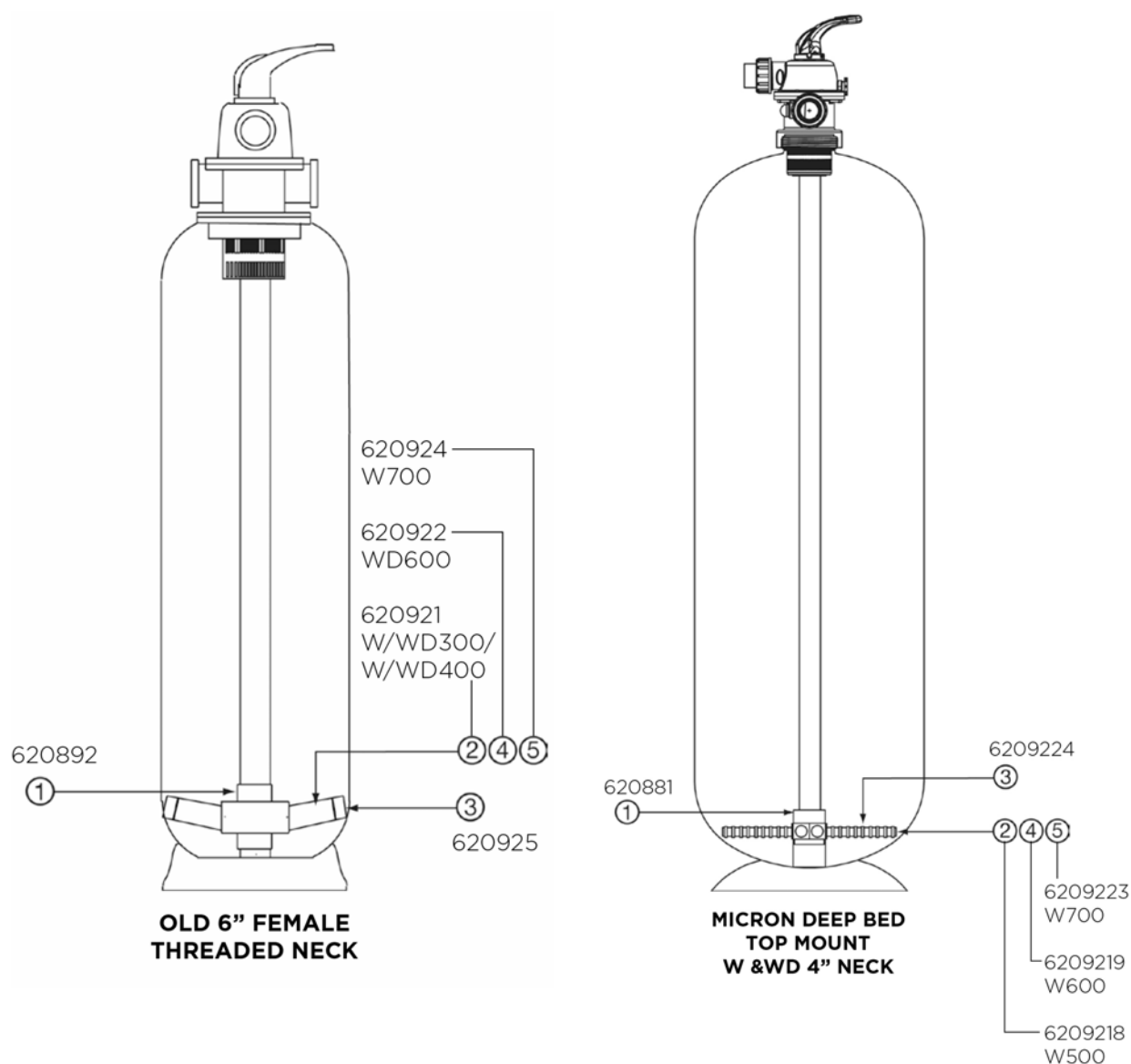
Part	Product Description	Diagram No.
620960015HBG	Drain Plug 15mm Assembly	
W02936	Pressure Gauge 110mm - 6 bar	
855172	Adaptor A15 Clack Valve (Auto Valve)	
62093021	40mm End Plug	7
823319	DE Screw Elbow O-Ring 40mm	6
W22279	Locator + Bayonet Assembly	5
6209222	Lateral Diverter MK2	4
6209211	Lateral W300	3
6209252	Lateral Socket MK2	2
W22208	Screw G8 x 1" Stainless Steel 316 P/Head	1



Model W250 & W300

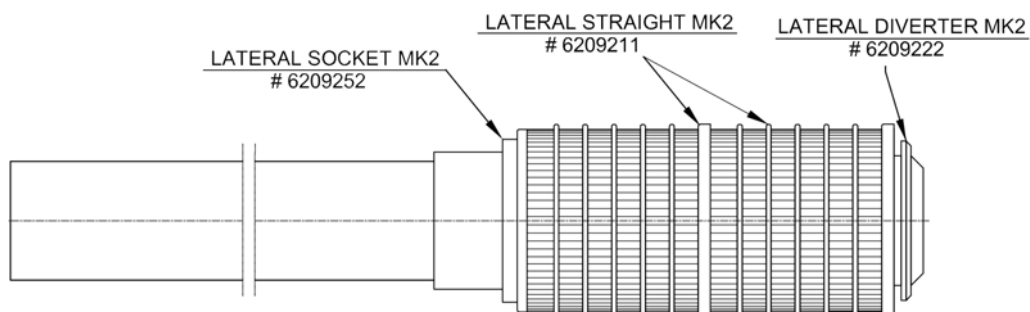
Part No:		W02986	W02984	W02985	W02991
		LATERALS			
Model	Hexagonal Manifold	40mm	60mm	120mm	120mm
W400/WD400	1	-	-	6	-
W500/WD500	1	6	-	-	6
W600/WD600	1	-	6	-	6
W700/WD700	1	-	-	6	6

W & WD Series Deep Bed Filter (Continued)



Underdrain Assembly

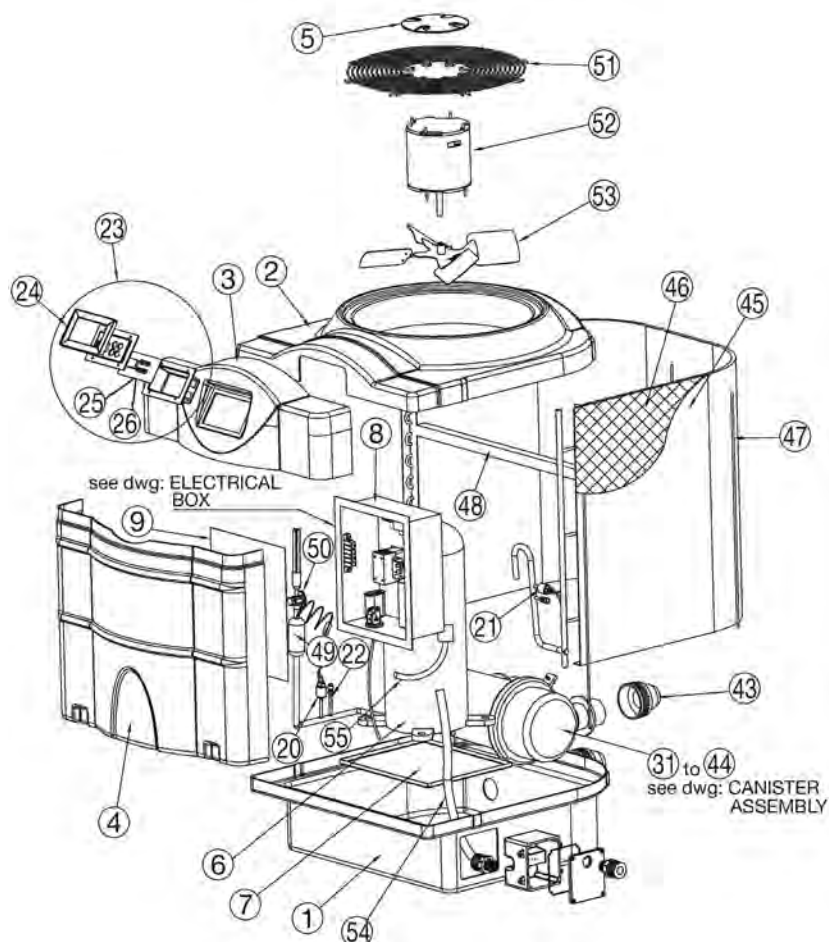
Part Number	Product Description
6209263	WD350 under drain assembly MK2
6209262	WD300 under drain assembly MK2
6209261	W350 under drain assembly MK2
6209260	W250/W300 MK2 under drain assembly MK2



Electroheat Plus MKII Models 85,105,125 150 Three Phase

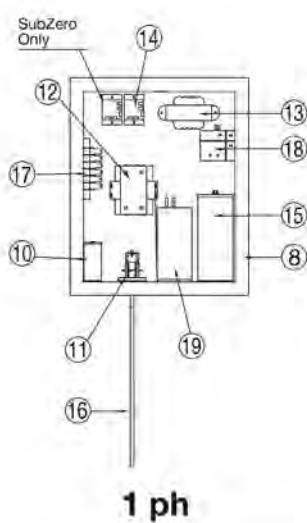
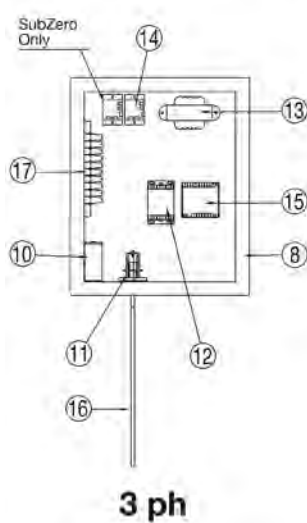
Part Number	Product Description	Diagram No.
20-1524	Cabinet Ventilation Cap	5
10-1038	Compressor Scroll 5HP R407C (85)	6
10-1014	Compressor Scroll 6HP R407C (105)	6
10-1040	Compressor Scroll 7HP R407C (125)	
10-1047	Compressor Scroll 8HP R407C (150)	6
ELECTRICAL BOX		
50-1103	5mf - 370 VAC	10
40-1006	Water Pressue Switch	11
80-1512	Retaining Ring Pressure Switch	11
50-1009	Contactora	12
40-0001	Transformer	13
40-0002	Fan Relay 24V	14
40-1017	Phase Monitor	15
20-1303	Clear Rubber Hose - 1m Length	16
SWITCH		
40-1002FV	425 - 325 psi Flare R407C	20
40-1003V	25 - 50 psi Flare R407C	21
10-1319	Acces Valve Schrader	22
CONTROLLER		
40-2000	EH Control Assy - All Models (40-1032)	23
20-1527	Escutcheon White	24
40-1030	Defrost Sensor Probe - Yellow	25
40-1031	Water Temperature Sensor Probe - Black	26
HEAT EXCHANGER		
10-1236M	56' Large Align W/Dcoil 19/23kW	34
10-1225	16' Small Opposite - In (Right) (105)	35
10-1226	16' Small Opposite - Out (Left) (105)	36
10-1227	20' Small Opposite - In (Right) (125)	37
10-1228	20' Small Opposite - Out (Left) (125)	38
10-1231	24' Large Opposite - In (Right) (150)	39
10-1232	24' Large Opposite - Out (Left) (150)	40
122243B	40mm Half Union c/w O Ring Black	43
05-1359	Connecting Tube	44
FILTER DRYER		
10-1345	1/2" X 1 5/8" OD (85) (30-1106P)	49
10-1339	1/2" ODF 5 Tons (105, 125 & 150)	49
EXPANSION VALVE		
10-1359	Expansion Valve 4 Tons R407C	50
10-1372	Expansion Valve 5 Tons R407C (85)	50
10-1365	Expansion Valve 6 Tons R407C (105)	50
FAN GUARD		
60-1103	Round Medium (85)	51
60-1104	Round Large (105, 125 & 150)	51
FAN MOTOR		
30-1006	1/6 hp 900/1075 RPM (85)	52
30-1004	1/4 hp 900 RPM (105, 125 & 150)	52
FAN BLADES		
30-1106	Fan Blades 20" (85) (30-1106P)	55
30-1107	Fan Blades 22" (105, 125 & 150)	55
CANISTER		
20-1359	Plastic Clamp Band (one piece)	64
80-1504	Rubber O Ring	65
20-1300	Cable Gland 3/4 NPT	66
20-1306	Hose Nipple	67
20-1357	Hose Nipple O Ring	67
20-1319	Thermostat Well 67.5 mm	68
20-1320	Thermostat Well O Ring	
50-1205	Light Indicator (85)	N/S

Electroheat Plus MKII Models 85,105,125 150 Three Phase



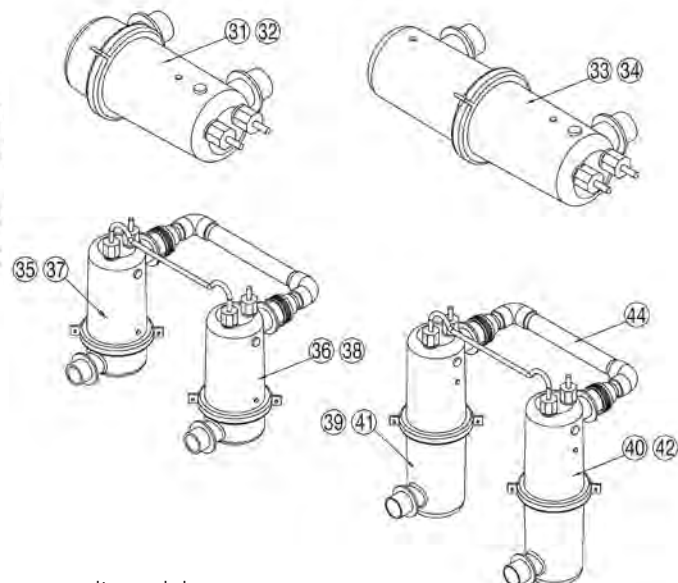
Electrical Box

(all models)



Canister Assembly

(all models)

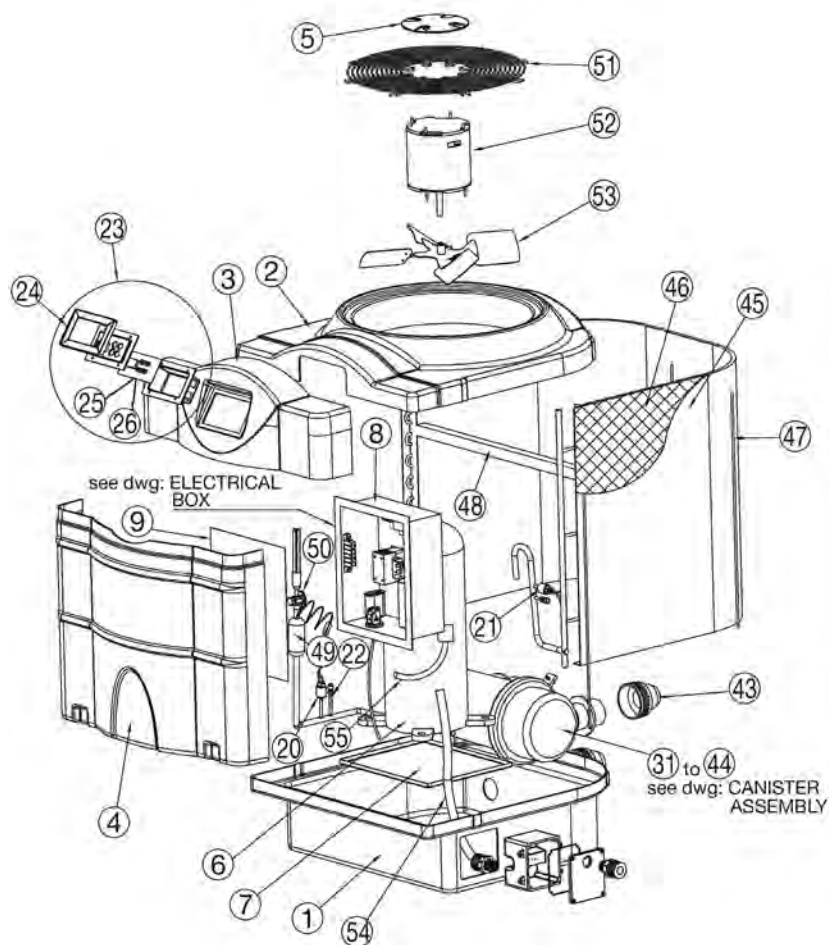


The images are for illustration only and may differ slightly to your unit model.

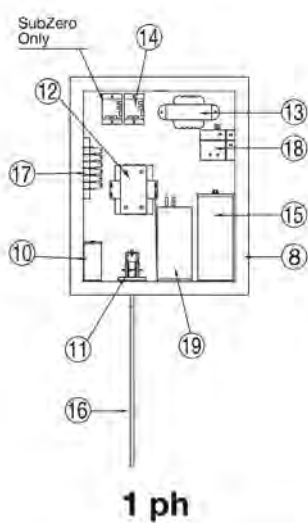
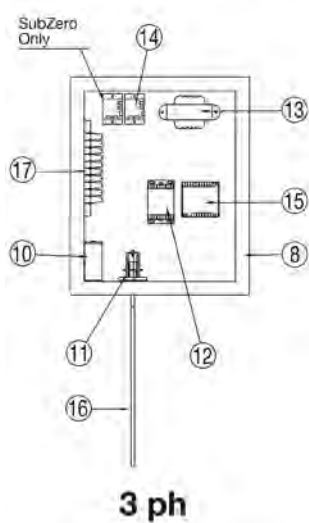
Electroheat Plus MKIII Models 25kW, 31kW, 37kW & 44kW Three Phase

Part Number	Product Description	Diagram No.
20-1524	Cabinet Ventilation Cap	5
10-1065	Compressor Scroll 6hp R410A (25KW)	6
10-1070	Compressor Scroll 7hp R410A (31KW)	6
10-1071SA	Compressor Scroll 8hp R410A (37KW)	6
10-1072SA	Compressor Scroll 10hp R410A (44KW)	6
ELECTRICAL BOX		
50-1103	Capacitor 5MFD 370 VAC E/H80 - 150BTU	10
40-1006	Pressure switch	11
80-1512	Flat Washer	11
50-1009	Contactor (40A 24V 3-POLE)	12
40-0001	Transformer	13
40-0002	Relay 24V	14
40-1017	Phase Monitor	15
20-1303	Clear Rubber Hose	16
SWITCH		
40-1041	565 - 400 psi Flare R410A	20
40-1033V	55 - 75 psi Flare R410A	21
10-1311	Acces Vavle Schrader 5/16"	22
CONTROLLER		
40-2000	EH Control Assy - All Models (40-1032)	
20-1527	Escutcheon White	24
40-1030	Defrost Sensor Probe - Yellow	25
40-1031	Water Temperature Sensor Probe - Black	26
HEAT EXCHANGER		
10-1236M	56' Large Align W/Dcoil 19/23kW	34
10-1227	20' Small Opposite - In (Right) (31KW, 37KW)	37
10-1228	20' Small Opposite - Out (Left) (31KW, 37KW)	38
10-1233	28' Large Opposite - In (Right) (44KW)	41
10-1234	28' Large Opposite - Out (Left) (44KW)	42
122243B	40mm Half Union c/w O Ring Black	43
05-1359	Connecting Tube (31KW, 37KW & 44KW)	44
FILTER DRYER		
10-1345	1/2" X 1 5/8" OD (25KW)	49
10-1339	1/2" ODF 5 Tons (31KW, 37KW & 44KW)	49
EXPANSION VALVE		
10-1377	Expansion Valve 5 Tons R410A (25KW)	50
10-1378	Expansion Valve 6 Tons R410A (31KW)	50
10-1379	Expansion Valve 8 Tons R410A (37KW)	50
10-1380	Expansion Valve 9 Tons R410A (44KW)	50
FAN GUARD		
60-1103	Round Medium (25KW)	51
60-1104	Round Large (31KW, 37KW & 44KW)	51
FAN MOTOR		
30-1006	1/6 hp 900/1075 RPM (25KW)	52
30-1004	1/4 hp 900 RPM (31KW, 37KW & 44KW)	52
FAN BLADES		
30-1106	Fan Blades 20" (16, 25KW) (30-1106P)	55
30-1107	Fan Blades 22" (31KW, 37KW & 44KW)	55
CANISTER		
20-1359	Plastic Clamp Band (one piece)	64
80-1504	Rubber O Ring	65
20-1300	Cable Gland 3/4 NPT	66
20-1306	Hose Nipple	67
20-1357	Hose Nipple O Ring	67
20-1319	Thermostat Well 67.5 mm	68
20-1320	Thermostat Well O Ring	68
50-1205	Light Indicator	N/S

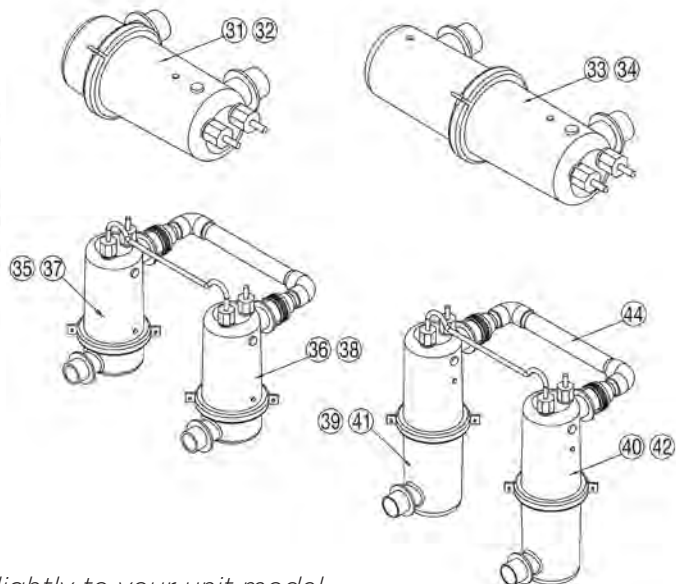
Electroheat Plus MKIII Models 25kW, 31kW, 37kW & 44kW Three Phase



Electrical Box
(all models)



Canister Assembly
(all models)

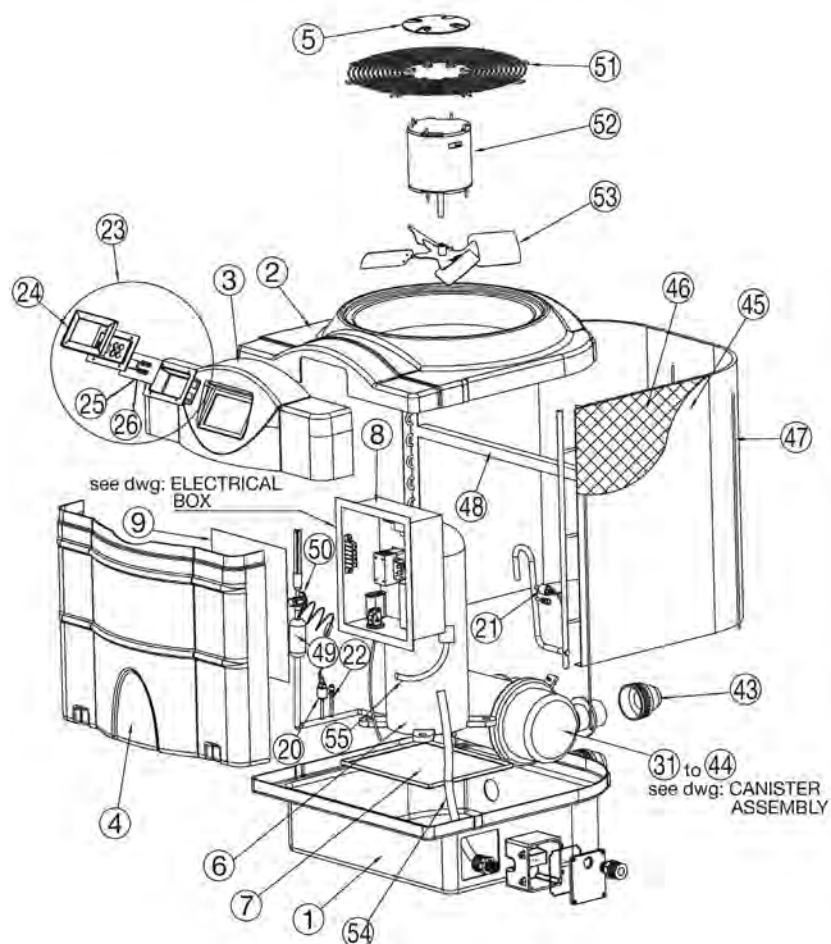


The images are for illustration only and may differ slightly to your unit model.

Electroheat Titanium MKIII Models 16kW & 23kW Single Phase

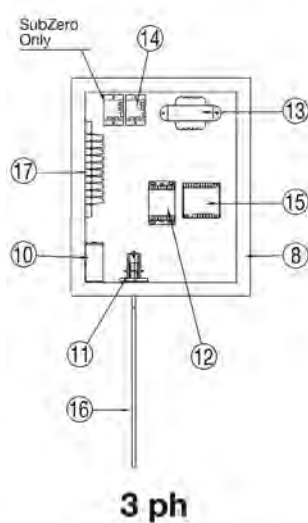
Part Number	Product Description	Diagram No.
20-1524	Cabinet Ventilation Cap	5
10-008DS	Compressor Scroll 4hp R407C (16KW)	6
10-1078CS	Compressor Scroll 4hp R410A (16KW)	6
10-1075DS	Compressor Scroll 5hp R410A (23KW)	6
10-1076DS	Compressor Scroll 6hp R410A (25KW)	6
ELECTRICAL BOX		
50-1103	5mf - 370 VAC	10
40-1006	Water Pressure Switch	11
80-1512	Retaining Ring Pressure Switch	11
50-1008	Contactor (40A 24V 2-POLE)	12
40-0001	Transformer	13
40-0002	Fan Relay 24V	14
50-1110	70 mf - 440 VAC (16KW)	15
50-1127	80 mf - 440 VAC (16KW)	15
50-1106	55 mf - 440 VAC (23KW)	15
20-1303	Tube PVC 30"	16
50-1333	Terminal Block 10 Poles (16KW, 23KW)	17
50-1119	Start Assist (16KW, 23KW)	19
SWITCH		
40-1002FV	425 - 325 psi Flare R407C (16KW)	20
40-1041	565 - 400 psi Flare R410A	20
40-1003V	25 - 50 psi Flare R407C (16KW)	21
40-1033V	55 - 75 psi Flare R410A	21
10-1311	Acces Valve Schrader 5/16"	22
CONTROLLER		
40-2000	EH Control Assy - All Models (40-1032)	
20-1527	Escutcheon White	24
40-1030	Defrost Sensor Probe - Yellow	25
40-1031	Water Temperature Sensor Probe - Black	26
HEAT EXCHANGER		
10-1230	20' Small Align (16KW)	32
10-1236M	56' Large Align W/Dcoil 19/23kW	34
122243B	40mm Half Union c/w O Ring Black	43
FILTER DRYER		
10-1345	1/2" X 1 5/8" OD	49
CAPILLARIES & EXPANSION VAIVE		
10-1425	Capillaries 6 X 34" TC 54 R407C (16KW)	50
10-1451	Capillaries 6 X 41" TC 64 R410A (16KW)	50
10-1405	Capillaries 6 X 24" TC 64 R410A (23KW)	50
10-1377	Expansion Valve 5 Tons R410A (25KW)	50
FAN GUARD		
60-1128	Compact Small (16KW)	51
60-1129	Compact Large (23KW)	51
60-1103	Round Medium (25KW)	51
FAN MOTOR		
30-1008	1/8 hp 900 (16KW, 23KW)	52
30-1006	1/6 hp 900/1075 RPM (25KW)	52
FAN BLADES		
30-1110P	Fan Blades 14" (13KW)	53
30-1103P	Fan Blades 16" (23KW) - old	53
30-1106P	Fan Blades 20" (25KW)	53
CANISTER		
05-1351	Inlet large (25KW)	56
20-1344	Stabilization bar 9" (25KW) Required 1 each for both inlet & outlet	56
05-1353	Outlet Large (25KW)	57
20-1359	Plastic Clamp Band (one piece)	64
80-1504	Rubber O Ring	65
20-1300	Cable Gland 3/4 NPT	66
20-1306	Hose Nipple	67
20-1357	Hose Nipple O Ring	67
20-1319	Thermostat Well 67.5 mm	68
20-1320	Thermostat Well O Ring	68
50-1205	Light Indicator	N/S

Electroheat Titanium MKIII Models 16kW & 23kW Single Phase

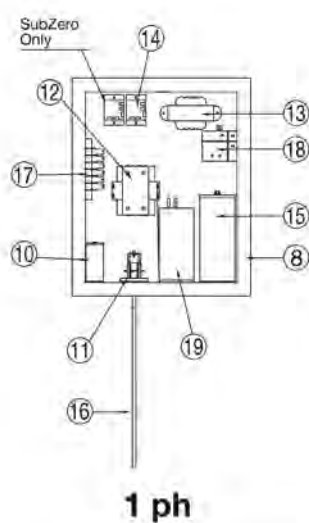


Electrical Box

(all models)



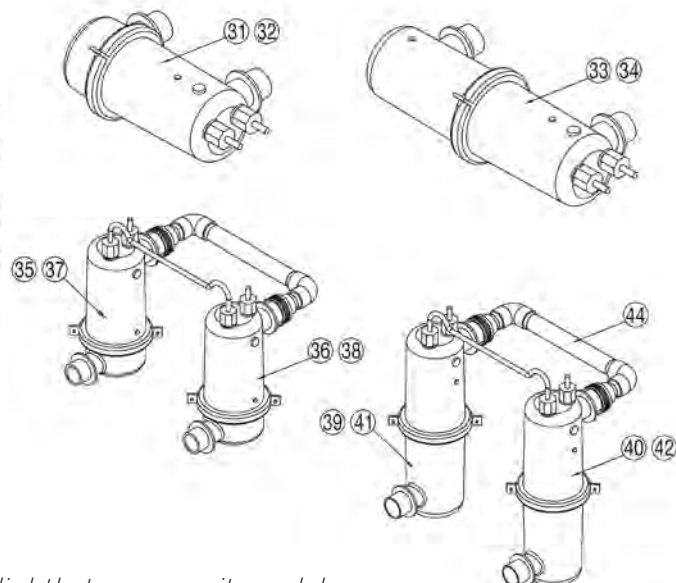
3 ph



1 ph

Canister Assembly

(all models)



The images are for illustration only and may differ slightly to your unit model.

Electroheat Inverter 12kW

Product Code: 2781210EU

Part Number	Product Description
COMPRESSOR	
69405523	Compressor Rotary Inverter Mitsubishi R410A
69405524	Thermoacoustic Compressor Jacket
SWITCHES	
69405525	High Pressure Switches OFF 3.6MPA (522 psi)
69405526	High Pressure Switches OFF 0.09MPA 13 psi)
69101311	Access Valve 5/16"
69401035	Adjustable Water Pressure Switch
CONTROLLER	
69405527	Inverter Controller System 3HP
69405528	Inverter Controller Cover
69405543	Controller Display Inverter
69405544	PCB Inverter Controller Board
69405545	Communication cable inverter
69405546	Temperature sensor 10k L725mm Inverter
69405547	Temperature Sensor x 3-L 1.2m 10k L0.7m (10k & 50k) inverter
69405548	Temperature sensor 10k L2m inverter
69405549	Inductor 500uH/25A inverter
HEAT EXCHANGER	
69101235M	Heat Exchanger 28" Small Align with Double Coil
122243B	Half Union 40mm c/w 'O' Ring Black
W22125	plug 1/8 BSP Heat Pump
69201319	Thermostat Well 67.5mm
69801504	o-ring canister
69405529	Nipple o-ring
69405530	Thermostat Well o-ring
69405531	Clamp Band Heat Pump
69201306	1/8" Barb nipple heat pump
69201300	3/4" Liquid tight connector 16mm dia. Seal
69405532	Canister outlet small
FILTER DRIER & ACCUMULATOR	
69405533	Filter Drier 5 Tonne
69405534	Accumulator
CAPPILARIES & EXPANSION VALVE	
69405542	Electronic Expansion Valve
FAN	
69601102	Fan Guard
69801619	Rubber Grommit
69405535	Fan Motor DC280V 8P IP44
69405536	Fan blade 19.5" 3 blade plastic
69405537	Fan cover black
4 WAY REVERSING VALVES	
69405538	4 Way Reversing Valves
PANELS	
69405539	Front Panel Inverter Grey
OTHERS	
69405540	Flat bar Support SS318
69801024N	Cap Large - black Screws
69801025	Cap Base for Big Screw Cap
69405541	Nylon Screw Cover

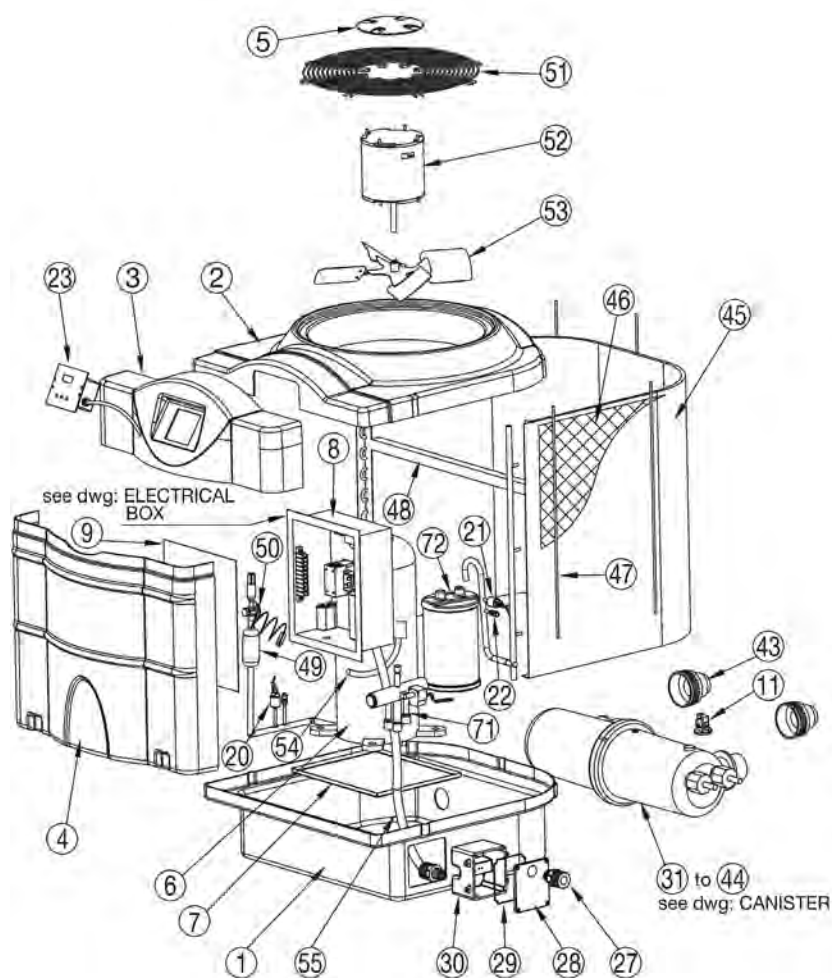
ElectroHeat Eco V Inverter 17,21,25kW

Part Number	Product Description
COMPRESSOR	
69405512	Compressor H42D5VZAAC2 Panasonic 25kW
69405550	Compressor 5V330ZAA21 Panasonic 17&21kW
SWITCH	
69405509	Temperature sensor
69405510	Temperature sensor
69405511	Temperature sensor
69405507	Water Flow switch (2013)
69405517	High pressure switch
69405518	Low pressure switch
CONTROLLER	
6940550	Variable frequency drive module 25kW
6940551	Variable frequency drive module KLT1329 4.7kW 17 & 21kW
69405501	Circuit board
69405502	Wired controller
HEAT EXCHANGER	
69101236M	Heat exchanger 56' Large Align with double coil
WATER CONNECTIONS	
69405522	Water inlet / outlet slip 1½ / 50mm
FAN	
69405506	Fan Motor YDK-200-6
69405521	Fan 0560 169
ELECTRICAL	
69405503	Contactactor 35A 5.5kW
69405504	Transformer 24V
69405505	Fan Mtr Capacitor 10QF/450V CBB61C
69405508	Relay JQX-105F- 4/220AC
69405513	Electronic expansion valve
69405514	Electronic expansion valve coil
OTHERS	
69405519	Needle valve R410A
69405520	Gas pressure gauge R410A
69405515	Four Way Valve STF
69405516	Four Way Valve Coil

Electroheat Ultra Models 22kW, 29kW & 44kW Three Phase

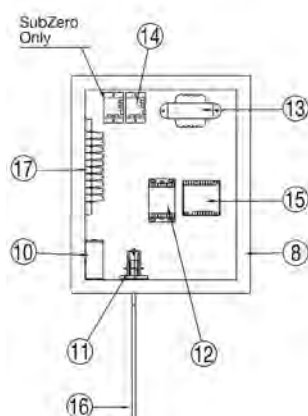
Part Number	Product Description	Diagram No.
20-1525	Ventilation Cap	5
10-1065SA	Compressor Scroll 6 HP R410A (22kW)	6
10-1070SA	Compressor Scroll 7 HP R410A (29kW)	6
70-1208EC	Compressor Support Scroll 4 Holes	7
10-1072SA	Compressor Scroll 10 hp (44kW)	6
ELECTRICAL BOX		
50-1103	5 mf - 370 VAC	10
40-1006A	Pressure Switch	11
50-1009	Contactor	12
40-0001	Transformer	13
40-0002	Relay 24 V	14
40-1017	Phase Monitor	15
50-1333	Terminal Block 10 poles	17
SWITCH		
40-1040	50 - 25 psi R410A (All Models) - Low Pressure	20
40-1041	565 - 400 psi R410A (all Models) - High Pressure	20
10-1311	Acces Valve Schrader 5/16"	22
CONTROLLER		
40-5000M2	Control Assembly Multi function	23
HEAT EXCHANGER		
05-1305R	16' Small Opposite - In (Right) 22KW	35
05-1305L	16' Small Opposite - Out (Left) 22KW	36
05-1306R	20' Small Opposite - In (Right) 29KW	37
05-1306L	20' Small Opposite - Out (Left) 29KW	38
122243B	40mm Half Union c/w O Ring Black	43
10-1236MR	Large Opposite in (Right) 44KW	
10-1236ML	Large Opposite out (Left) 44KW	
05-1362	Connecting Tube PVC	44
FILTER DRYER		
10-1340	Bi-Flow 1/2" ODF 5 Tons (22kW & 29kW)	49
10-1376	Bi Flow 5/8" ODF 10 Tons (44kW)	49
EXPANSION VALVE		
10-1381	Expansion Valve 4 Ton R410A (22kW)	50
10-1378	Expansion Valve 6 Ton R410A (29kW)	50
10-1380	Expansion Valve 9 Ton R410A (44kW)	50
FAN GUARD		
60-1104	Round Large (All Models)	51
FAN MOTOR		
30-1004	1/4 hp 900 RPM (All Models)	52
FAN BLADES		
30-1107	Fan Blades 22"	53
CANISTER		
W22041	Plastic Clamp Band (one piece)	64
W12419	Rubber O Ring	65
20-1300	Cable Gland 3/4 NPT	66
20-1306	Nipple 1/8" Barb	67
W22031	Hose Nipple O Ring	67
20-1319	Thermostat Well 67.5 mm	68
W22038	Thermostat Well O Ring	68
OTHERS		
50-1205	Light Indicator	70
10-1362	4 Way Reversing Valve	71
10-1501	Suction Line Accumulator	72

Electroheat SubZero and Ultra

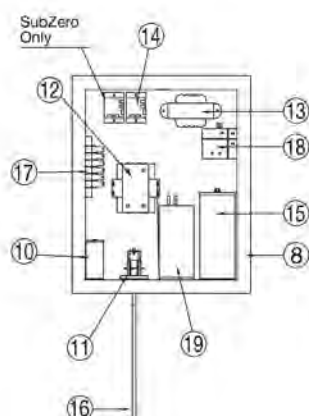


Electrical Box

(all models)



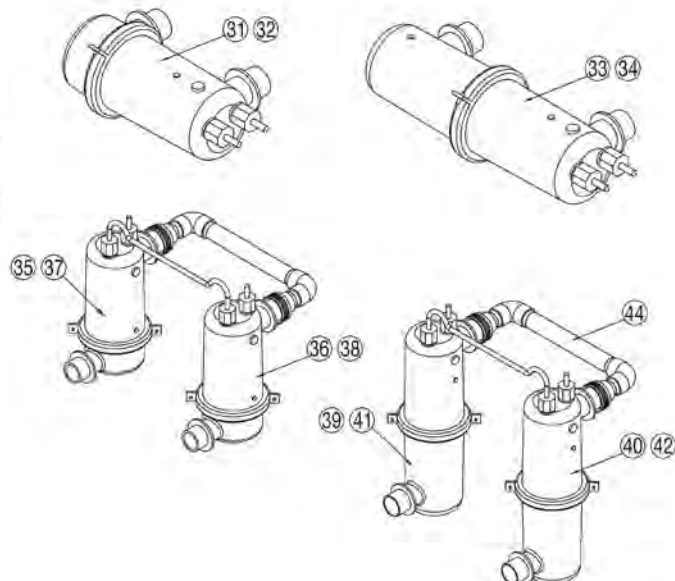
3 ph



1 ph

Canister Assembly

(all models)



Electroheat MKIV & Ultra

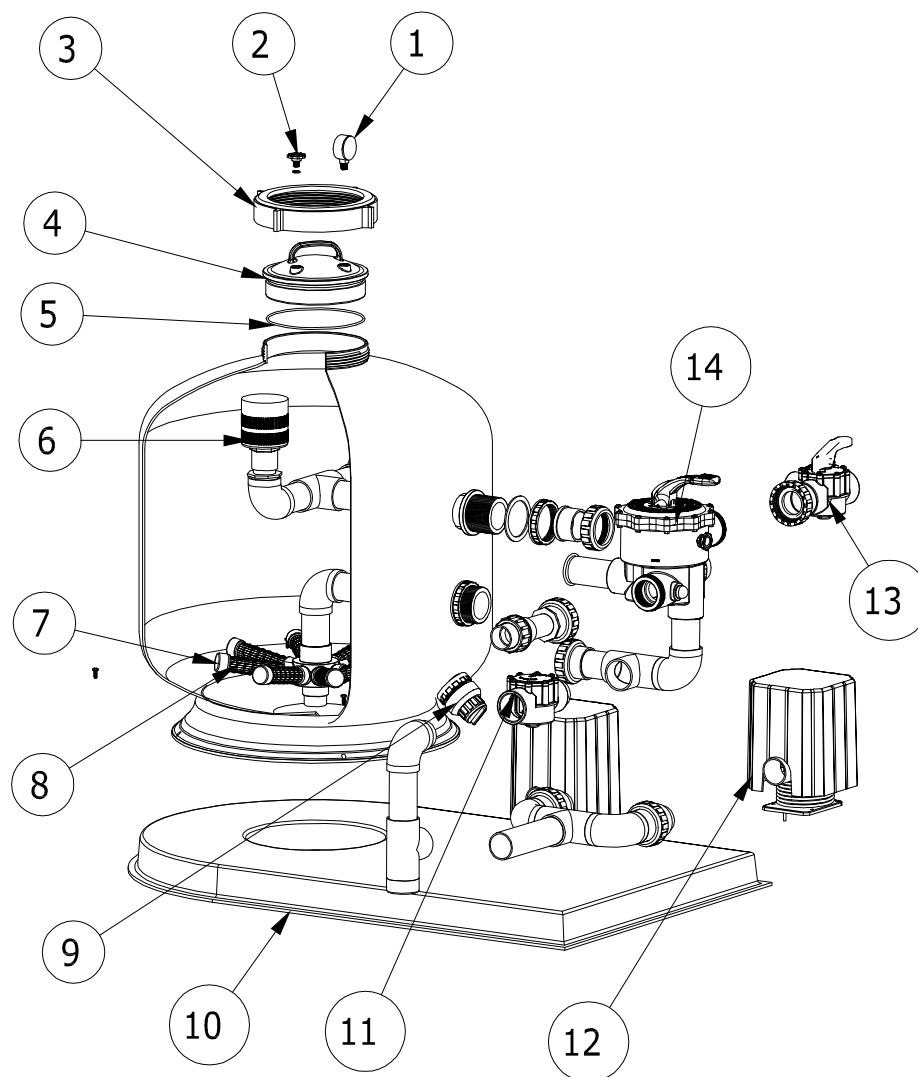
Product Codes: 278092, 278094, 278122, 278151, 278191, 278231, 2781911, 2782311

Part Number	Product Description
COMPRESSOR	
10-1024HI	Compressor Rotary 2.4HP R410 240V 50HZ (9kW)
10-1084HI	Compressor Rotary 3.2 HP R410 240V 50HZ (12kW & 15kW)
10-1074SA	Compressor Scroll 4.5 hp R410A (19kW)
10-1076DS	Compressor Scroll 6.0 hp R410 (23kW)
HEAT EXCHANGER	
10-1235M	Heat Exchanger 28' Sml Align with Double Coil (9KW - 278094 / 12kW / 15kW)
10-1236M	Heat Exchanger 56' Large Align with Double Coil (19kW/23kW)
20-1300	3/4" Liquid Tight Connector H/Pump
122243B	40mm Half Union C/W O'ring - Black
20-1319	Thermostat Well 67.5 mm
W22038	Thermostat Well O Ring
CAPILLARY	
W22891	Capillary Kit with Distributor 3x21" TC54
10-1388	Bi Flow Distributor Assembly #89 with strainer 3/8" (19kW)
10-1389	Bi Flow Distributor Assembly #102 with strainer 3/8" (23kW)
10-1385	Reversing Valve Assy Ultra
ELECTRICAL	
40-1006AV	Flow Switch Adjustable - Flare 3/4 NPT
30-1023	Fan Motor 45W 208-230 50/60hZ 6P
30-1116	Fan Blades 18" 12.7mm PP + Fibre
60-1131	Fan Guard 18"
50-1008	Contactora
40-0001	Transformer
40-0002	Fan Relay 24V
40-2000	Heat Pump Control Assy W Diagnostics
40-5000M2	Heat Pump Control Assy Reversing W/Diagnostics 40-1036 (Ultra, 19kW & 23kW)
20-1531	Escutcheon Assy Black Tinted Clear Cover
40-1040	Low Press Switch R410 25 - 50 psi
40-1041	High Press Switch R410 565 - 400 psi
40-2005M2	Defrost Sensor Probe - Yellow
40-2007M2	Water Temperature Sensor Probe - Black
BODY PANELS	
W44529	Base Panel - Black
20-1942	Top Panel - Black
60-1117	Support Rod Small

Aquabiome Skid Pack (SM400 - SM900)

Part Number	Product Description	Diagram No.
14862	Wat 50/652W valve (SM700, SM900)	13
14852	FPI 2 way valve white (SM400, SM500, SM600)	13
282400	Spa blow air flow 1000 (SM750, SM900) - 2 Nos required Spa blow air flow 1000 (SM400, SM500, SM600) - 1 Nos required	12
14651	Check valve 50/60mm 180DG	11
455569	Skid base T/P T600 (SM400, SM500)	10
620822	Base bead Filter 24" (SM600)	10
620823	Base bead filter 30"/36" (SM750, SM900)	10
W04058BLK	D/P complete 40mm Black	9
6209240	Lateral 1.1 x 200mm (SM900) - 8 Nos required	8
6209220	Lateral 1.1 x 110mm (SM600) - 8 Nos required	8
6209230	Lateral 1.1 x 145mm (SM500, SM750)	8
6209210	Lateral 1.1 x 75mm (SM400, SM600, SM750, SM900) - 8 Nos required	8
W02117PP	Lateral end cap nut PP - 8 Nos required	7
6209412	Diffuser 0.5mm slot short (SM750, SM900) - 2 Nos required	6
(W02688B)	Diffuser 0.5mm slot short (SM400, SM500, SM600) - 1 Nos required	
62026	T/L lid 'O' ring	5
6209291	Filter lid 8" clear	4
62024BLK	TCF lock ring black	3
620221	Air relief valve - new - 2 Nos required	2

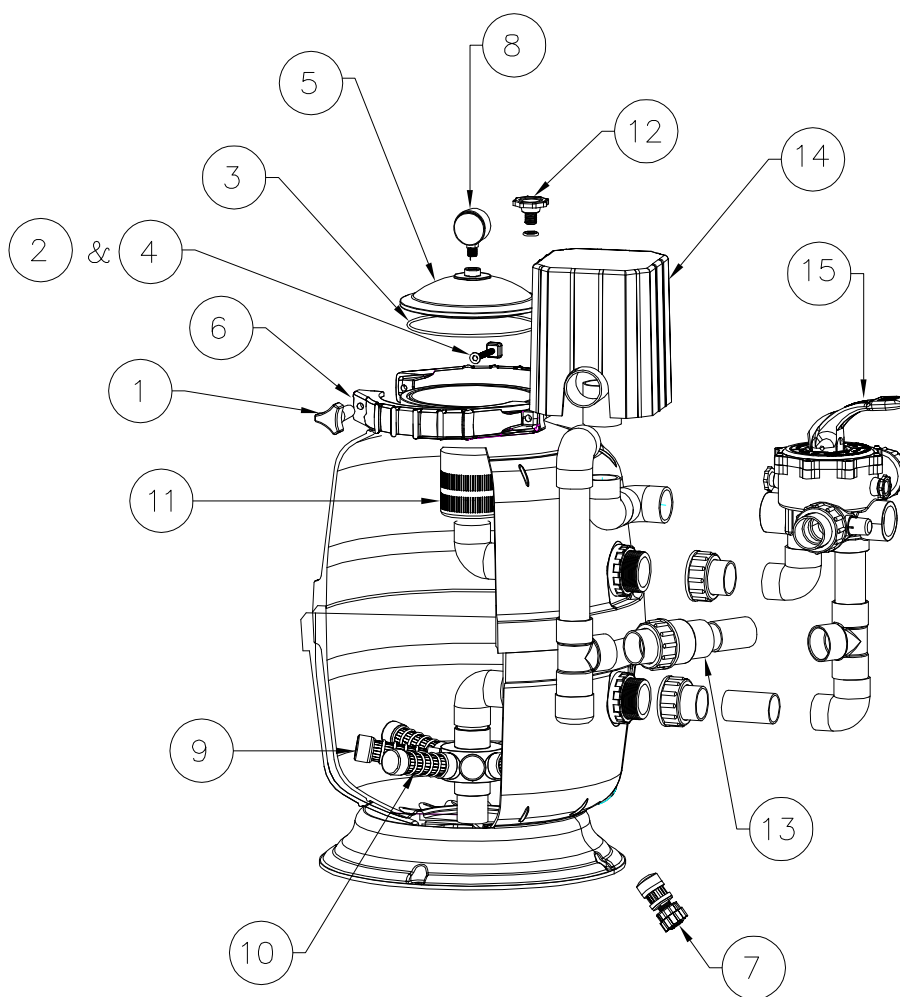
For multiport valves and pressure gauges see page 14-16 of the main pricelist



Exotuf Aquabiome Skid Pack (E500, E600, E702)

Part Number	Product Description	Diagram No.
282410	Blower Airflo Europe (E500+, E600+)	14
282501	Spa blower Whisperair 1200 Watt motor (E702+)	14
14642	Spring ball check valve 40mm (E500+, E600+)	13
W32979	Spring ball check valve 50mm F/Threaded (E702+)	13
620221	Air relief valve - new style - black	12
6409412	Diffuser 0.5mm slot short	11
6209240	Lateral 1.1 x 200mm (E702+) - 8 Nos required	10
6209220	Lateral 1.1 x 110mm (E500+, E600+) - 8 Nos required	10
6209210	Lateral 1.1 x 75mm (E600+) - 8 Nos required	10
W02117PP	Lateral end cap nut PP - 8 Nos required	9
620960015HBG	Drain plug complete 15mm - black	7
6220208	Clamp band 8" - 2 Nos required	6
62092911	Filter clear lid 8" clamp type	5
622203	Screw overmolded M8 x 60 S/S hex bolt - 2 Nos required	4
W22479	'O' ring 197.2 x 4.5mm NBR black Shore70	3
W22280	Washer flat M8 brass (8.4 x 18 x 1.5mm) - 2 Nos required	2
W02195TLJ	De knob w0.6" head DIA breass insert - 2 Nos required	1

For multiport valves and pressure gauges see page 14-16 of the main pricelist



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