



AQUENO

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Verdant Roots

TOP MOUNT AND CARTRIDGE FILTERS



"P" Series Fiberglass Top Mount Filter



1

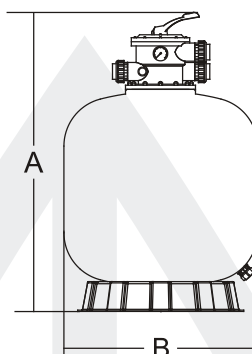
SAND FILTER SERIES



P400-700

PQ400-700

Bobbin-wound fiberglass reinforced tank is still the most popular standard in the library after all. With UV-resistant surface finished, it is able to operate under prolong sunlight for years of reliability. P series (P400-P1400) filters are equipped with a seven-position, clamp and screw styles multi-port vale and ABS laterals.



Highlight Features :

- Max operating pressure 36psi/2.5bar
- Max temperature of 43°C (109°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



P750-1400

Technical Characteristics

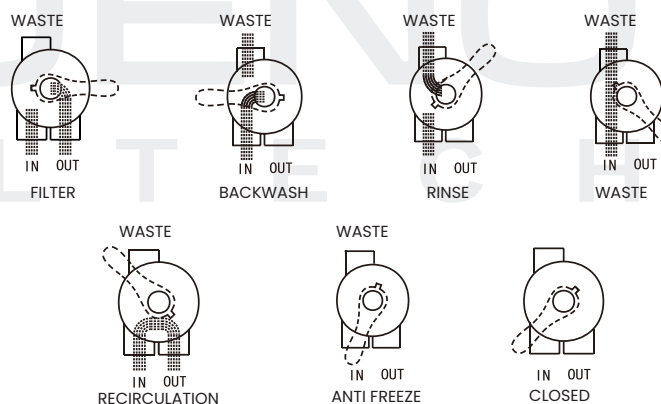
Model	Filter Area(m ²)	Valve Connection		Max Flow Rate	Gravel(kg)	A mm	B mm
P400	0.13	1.5inch	50mm	8m ³ /h	36	760	400
P450	0.16	1.5inch	50mm	10m ³ /h	45	815	450
P525	0.22	1.5inch	50mm	12m ³ /h	85	880	525
P625	0.30	1.5inch	50mm	16m ³ /h	150	1005	625
P700	0.40	1.5inch	50mm	20m ³ /h	210	1100	700
P700B	0.40	2.0inch	63mm	21m ³ /h	215	1150	700B
P750	0.45	2.0inch	63mm	23m ³ /h	300	1180	750
P800	0.50	2.0inch	63mm	25m ³ /h	355	1310	800
P900	0.64	2.0inch	63mm	31m ³ /h	470	1380	900
P1000	0.79	2.0inch	63mm	36m ³ /h	620	1495	1000
P1200	1.13	2.0inch	63mm	45m ³ /h	900	1600	1200
P1400	1.54	2.0inch	63mm	56m ³ /h	1350	1810	1400

Note : Suggested sand weight varies with differences in filter media size. For reference only



PV01-1/PV02-2

Funcations: 7-Way Multiport Valve



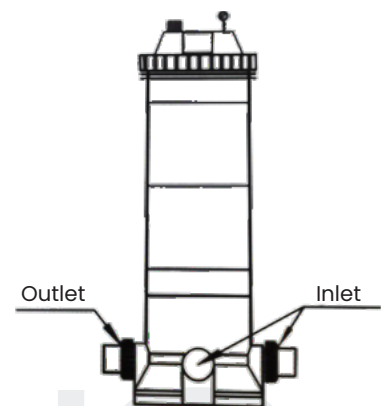
Model	PV01-1	PV02-2
Size	1.5"Top mount	2.0" Top mount



Cartridge filtration is an effective trouble-free proven method of filtration. Pool water enters the filter and passes through a polyester single element cartridge. Suspended particles are trapped and the water is returned to the pool. As the build-up of dirt in the element increases, so the water pressure rises and the flow decreases. When the pressure reaches an unacceptable level the element must be removed and cleaned.

AF Paper

Model	Core diameter (mm)	Caliber (mm)	High (mm)	Filter material	Filtration accuracy (μm)
AF25	183	78	18.45	white precision polyester fiber fabric	< 15
AF50	183	78	36.45		
AF75	183	78	54.45		
AF100	183	78	72.45		
AF150	183	78	90.45		

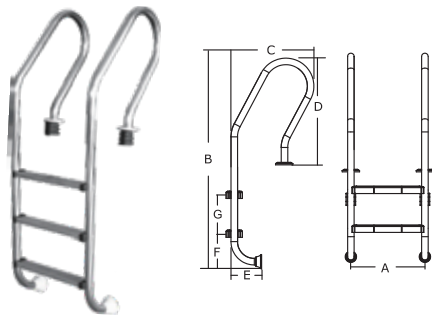


AF Cartridge Filter

Technical Characteristics					Package Dimensions					
Model	Diameter (mm)	High (mm)	Pump selection range(w)	Filter area (mm)	Flow (m³/h)	Greatest Pressure(kpa)	Long (cm)	Width (cm)	High (cm)	Weight (kg)
AF25	225	387	250-370	2.3	7.0	350	32	32	51	5.85
AF50	225	567	550-750	4.7	14.0	350	32	32	69	7.35
AF75	225	747	750-1100	7.0	17.0	350	32	32	86	9.05
AF100	225	927	1100-1500	9.4	22.9	350	32	32	104.5	10.8
AF150	225	1107	1100-2200	14.0	33.4	350	32	32	122	12.6

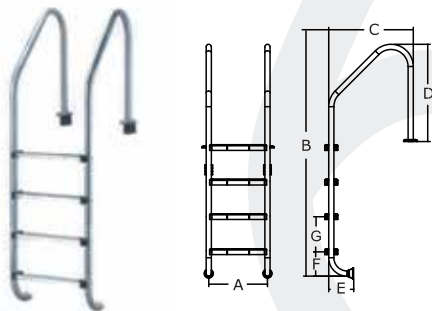
LADDER SERIES





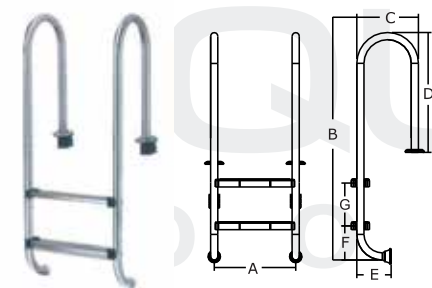
SF Ladder

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
SF-215	502	1330	650	640	180	200	250
SF-315	502	1580	650	640	180	200	250
SF-415	502	1830	650	640	180	200	250
SF-515	502	2080	650	640	180	200	250



SL Ladder

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
SL-215	502	1330	650	640	180	200	250
SL-315	502	1580	650	640	180	200	250
SL-415	502	1830	650	640	180	200	250
SL-515	502	2080	650	640	180	200	250



MU Ladder

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
MU-215	502	1330	650	640	180	200	250
MU-315	502	1580	650	640	180	200	250
MU-415	502	1830	650	640	180	200	250
MU-515	502	2080	650	640	180	200	250



Stainless Steel Step



Stainless Steel Step With Anti Slop



Anchor Type



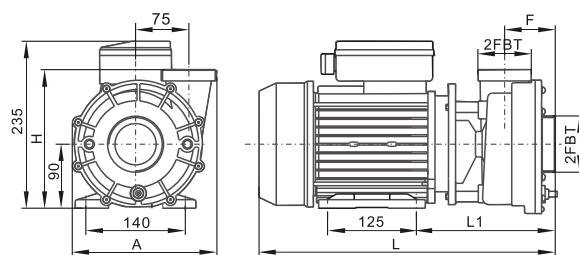
Flange Type

PUMP SERIES

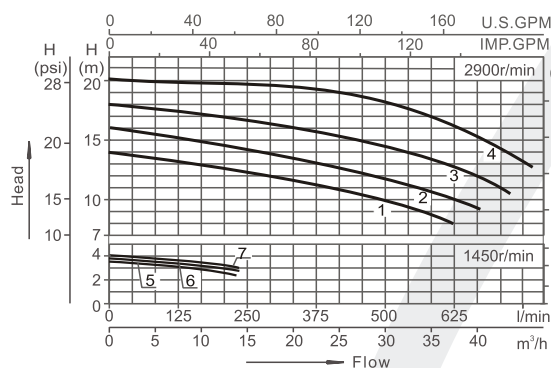




Overall dimension:

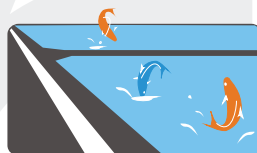
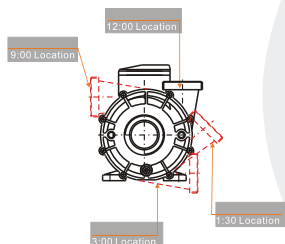


Performance curves:



Technical Characteristics

Model	Shape size (mm)				
	A	H	L	L1	F
WP400-I	211	210	421	200	75
WP200-II	202	197	434	197	73
WP250-II	202	197	434	197	73
WP300-II	202	197	434	197	73



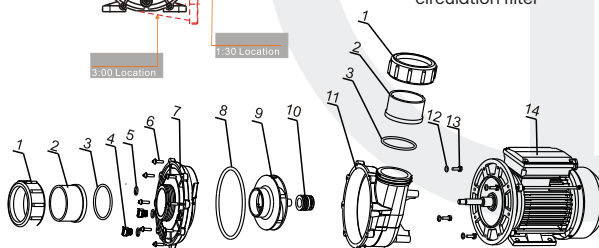
It Mariculture circulation filter



Recirculation of water in Bathtub pump



Recirculation of water in SPA equipment



1. Tie-in Nut
2. Tie
3. O-Ring
4. Hexagon Screw
5. O-Ring
6. cross raised head screw assembling
7. Pump Cover
8. O-Ring
9. Impeller
10. Mechanical seal
11. Pump Casing
12. Plain washer
13. Plastic spacer
14. Motor

Working conditions

Medium temperature: 5-50°C

Environmental temperature: <50°C

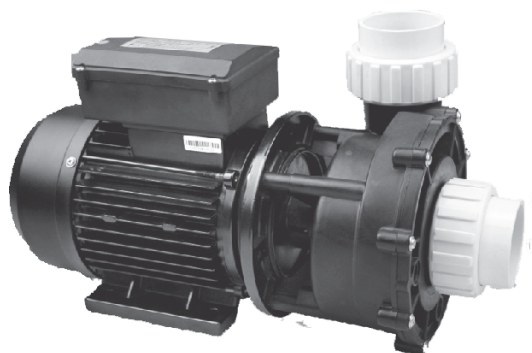
Max.working pressure: 0.3MPa

Technical Characteristics

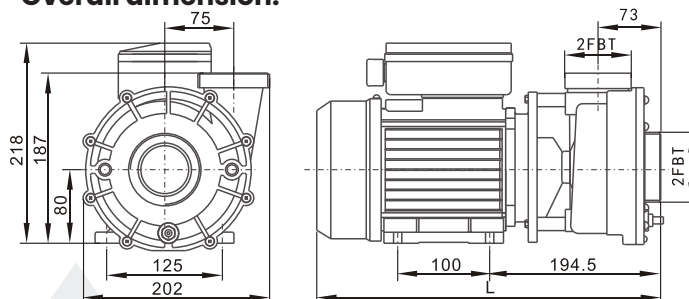
Model	Qmax (l/min)	Hmax (m)	Curves	V/Hz	Power(P1)		Amps	Fitting size (mm)	G.W (Kg)	Packing size (mm)
					kW	HP				
WP200-I	620	14	1	220-240/50	1.5	2.0	7.0	60.3or63	15.3	460×225×295
WP250-I	670	16	2	220-240/50	1.85	2.5	9.0	60.3or63	16.3	460×225×295
WP300-I	730	18	3	220-240/50	2.2	3.0	10	60.3or63	18	460×225×295
WP400-I	780	19	4	220-240/50	3.0	4.0	14	60.3or63	19.2	460×225×295
WP200-II	280	3.5	5	220-240/50	(Low speed)0.35	3/8	2.0	60.3or63	15.5	460×225×295
	620	14	1		(High speed)1.5	2.0	7.0			
WP250-II	300	3.5	6	220-240/50	(Low speed)0.4	1/2	2.5	60.3or63	17	460×225×295
	670	16	2		(High speed)1.85	2.5	9.0			
WP300-II	330	4.0	7	220-240/50	(Low speed)0.45	5/8	3.0	60.3or63	18.5	460×225×295
	730	18	3		(High speed)2.2	3.0	10			

230V/60Hz, 110V/60Hz, 110V/50Hz models are available on request

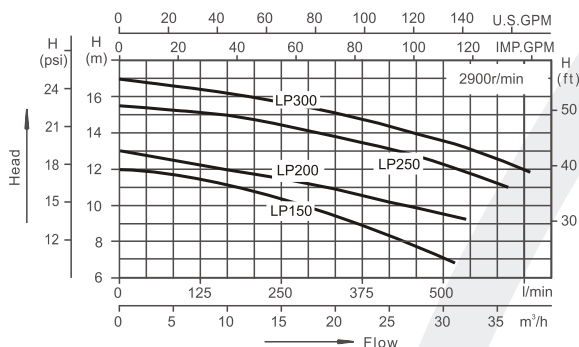
"LP" Series Pump



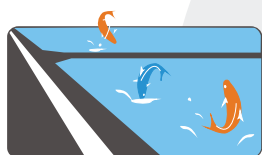
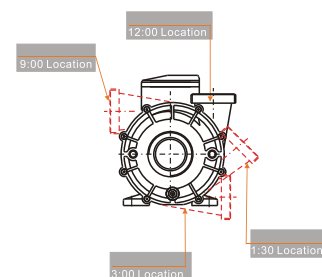
Overall dimension:



Performance curves:



Model	L
LP200	382
LP300	397



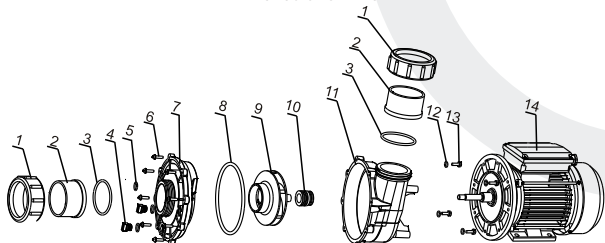
It Mariculture
circulation filter



Recirculation of water
in Bathtub pump



Recirculation of water
in SPA equip ment



1. Tie-in Nut
2. Tie
3. O-Ring
4. Hexagon Screw
5. O-Ring
6. Cross slotted cylinder head with set screw
7. Pump Cover

8. Impeller activity ring
9. Impeller
10. Mechanical seal
11. O-Ring
12. Pump boby
13. Motor
14. Hexangon head bolt and plain washer assembly

Working conditions

Medium temperature: 5-50°C
Environmental temperature: <50°C
Max.working pressure: 0.3MPa

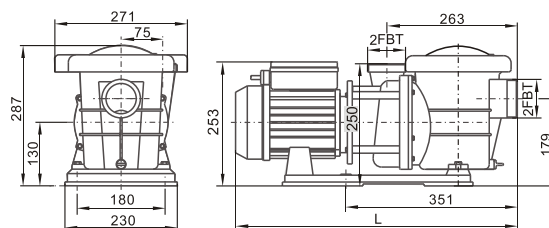
Technical Characteristics

Model	Qmax (l/min)	Hmax (m)	V/Hz	Power(P ₁)		(Amps)	Fitting size (mm)	G.W (Kg)	Packing size (mm)
				kW	HP				
LP150	520	12	220-240/50	1.1	1.5	5.8	60.3or63	12	425×225×290
LP200	535	13	220-240/50	1.5	2.0	7.0	60.3or63	12.7	425×225×290
LP250	600	15.5	220-240/50	1.85	2.5	8.0	60.3or63	15.5	425×225×290
LP300	635	17	220-240/50	2.2	3.0	10	60.3or63	16.3	425×225×290

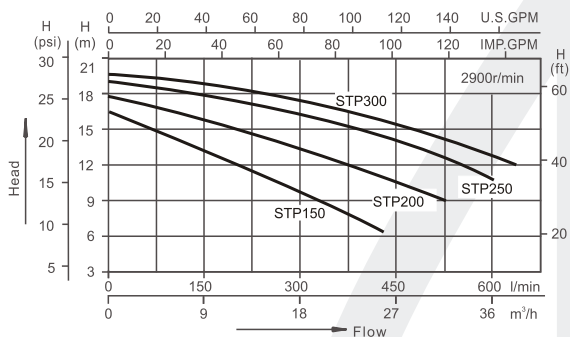
230V/60Hz, 110V/60Hz, 110V/50Hz models are available on request



Overall dimension:



Performance curves:



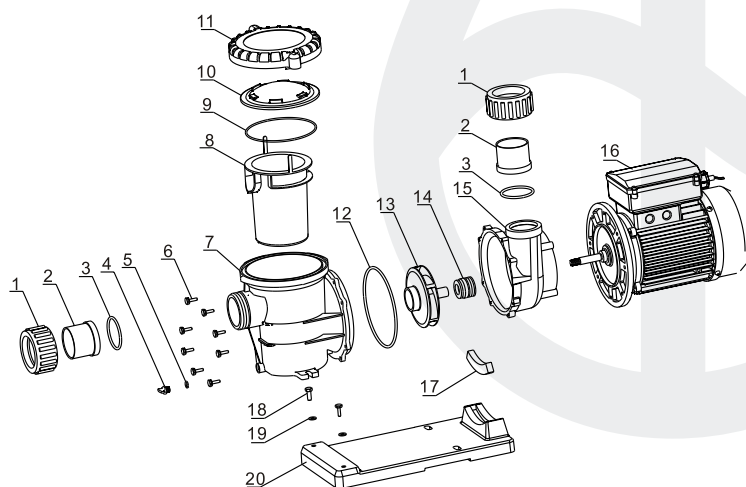
Model	L
STP150	573
STP200	573
STP300	598



It Mariculture circulation filter



Recirculation of water in swimming pool equipment



1. Tie-in Nut
2. Tie
3. O-Ring
4. Drainage Plug
5. O-Ring
6. Hexagon head bolt plain washer assembling
7. Pump Cover
8. Filter
9. O-Ring
10. Transparent Cover

11. Gland Cover
12. O-Ring
13. Impeller
14. Mechanical seal
15. Pump Casing
16. Motor
17. Block Gine
18. Hexagon bolt
19. Washer
20. Base

Working conditions

Medium temperature: 5-50°C

Environmental temperature: <50°C

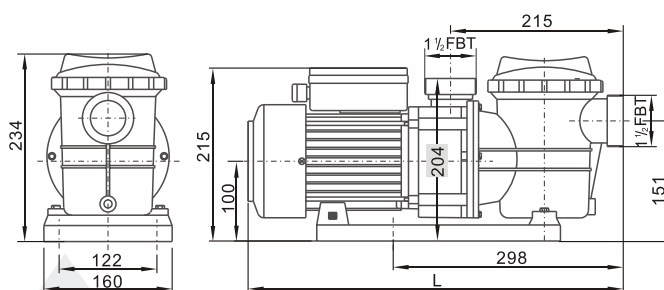
Max.working pressure: 0.3MPa

Technical Characteristics

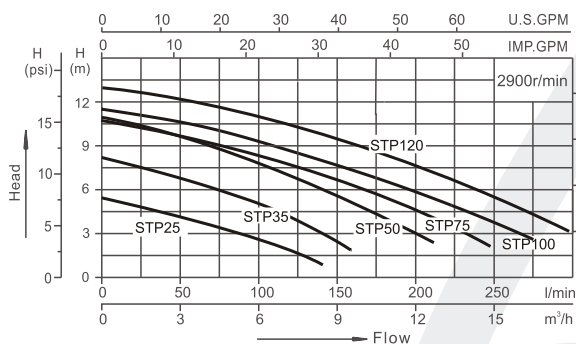
Model	Qmax (l/min)	Hmax (m)	V/Hz	Power(P1)		(Amps)	Fitting size (mm)	G.W (Kg)	Packing size (mm)
				kW	HP				
STP150	430	16.5	220-240/50	1.1	1.5	5.8	60.3or63	14	600×295×345
STP200	520	18	220-240/50	1.5	2.0	7.0	60.3or63	15.5	600×295×345
STP300	635	19.5	220-240/50	2.2	3.0	10	60.3or63	18	625×295×345

230V/60Hz, 110V/60Hz, 110V/50Hz models are available on request

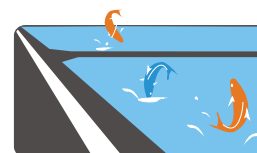
"STP" Series Pump



Performance curves:



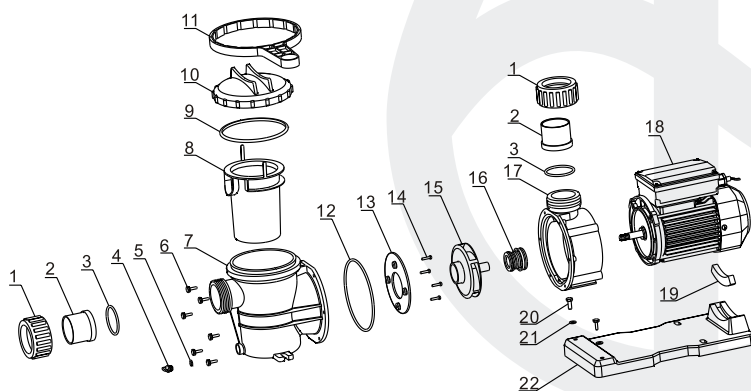
Model	L
STP35	443
STP50	443
STP75	465
STP100	465
STP120	465



It Mariculture circulation filter



Recirculation of water in swimming pool equipment



1. Tie-in Nut
2. Tie
3. O-Ring
4. Drainage Plug
5. O-Ring
6. Hexagon head bolt plain washer assembling
7. Pump Cover
8. Filter
9. Transparent Cover Pad
10. Transparent Cover

11. Transparent Cover handle
12. O-Ring
13. Cover Panel
14. Cross recessed pan head tapping screws
15. Impeller
16. Mechanical Seal
17. Pumping Casing
18. Motor
19. Block Gine
20. Hexagon Bolt
21. Washer
22. Base

Working conditions

Medium temperature: 5-50°C
 Environmental temperature: <50°C
 Max.working pressure: 0.3MPa

Technical Characteristics

Model	Qmax (l/min)	Hmax (m)	V/Hz	Power(P ₁)		(Amps)	Fitting size (mm)	G.W (Kg)	Packing size (mm)
				kW	HP				
STP35	160	8	220-240/50	0.25	0.35	1.6	48.5or50	6.5	470×180×295
STP50	210	11	220-240/50	0.37	0.5	2.0	48.5or50	7	470×180×295
STP75	240	10.5	220-240/50	0.55	0.75	3.2	48.5or50	8.8	495×195×295
STP100	275	11	220-240/50	0.75	1.0	3.8	48.5or50	9.5	495×195×295
STP120	300	13	220-240/50	0.9	1.2	4.6	48.5or50	9.8	495×195×295

230V/60Hz, 110V/60Hz, 110V/50Hz models are available on request

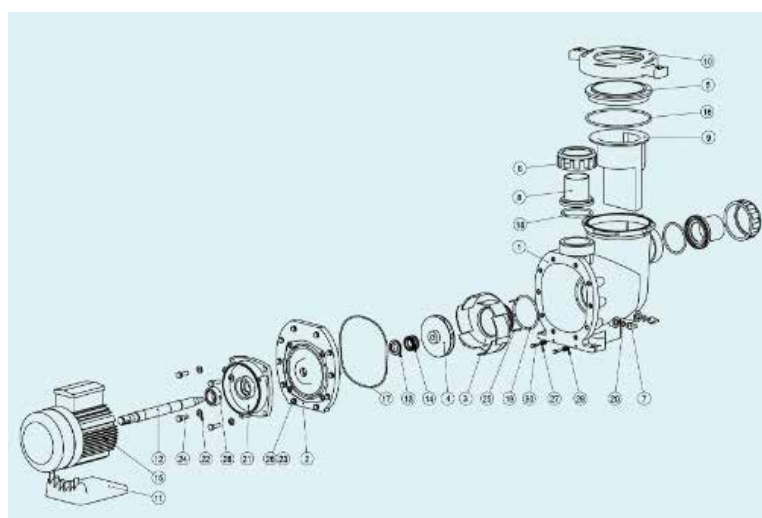


Anti rust crust can stop water penetrating to the engine; Enough power high head, big size and highly efficient circulation. Run quietly with smaller noise. High air tightness sealed, strong suction ability, big capacity of hair box. Main parts are durable as they're made of special plastic. It's good choice for private and commercial swimming pools, water garden, breeding, hot spring and sauna spa.

Technical Characteristics

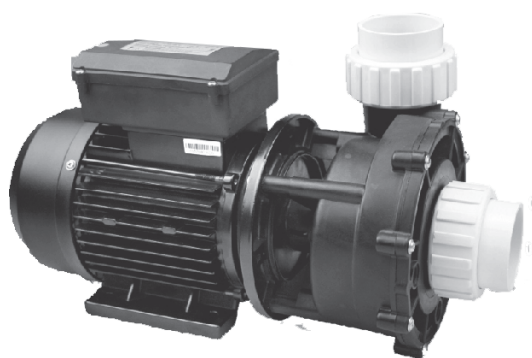
Model	Voltage (v)	(w)	Power (HP)	Hmax (m)	Qmax (m³/h)	Port size	
						(mm)	(inch)
PCN-300	2.2	3	220V/380V/50Hz	20	38	63	2"
PCN-400	3	4	380V/50Hz	20	45	63/75	2"/2.5"
PCN-500	3.8	5		21	50		
PCN-550	4	5.5		22	60	75	2.5"

Above size only for reference, pls take shipping products size as correct.

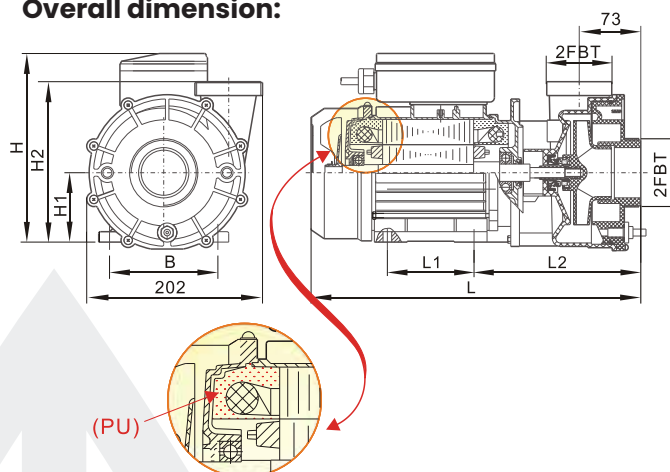


- | | |
|---------------------|-------------|
| 1. Body | 16. O ring |
| 2. Flange | 17. O ring |
| 3. Throw Water Ring | 18. O ring |
| 4. Impeller | 19. O ring |
| 5. Transparent Lid | 20. O ring |
| 6. Union cap | 21. Flange |
| 7. Plug | 23. Washer |
| 8. Lining | 24. Washer |
| 9. Filter Basket | 24. Bolt |
| 10. Cap | 25. Bolt |
| 11. Base | 26. Bolt |
| 12. Motor Axis | 27. Washer |
| 13. Ring | 28. Bearing |
| 14. Ring | 29. Cap |
| 15. Motor | 30. Plug |

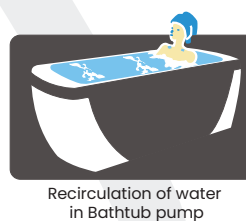
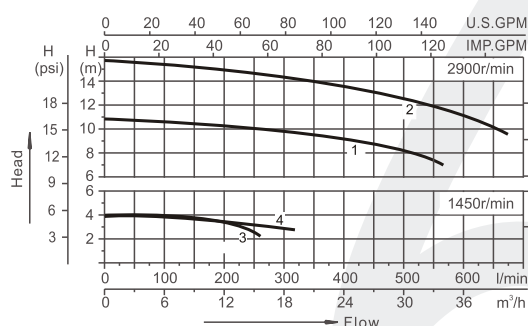
"LP-M" Series Pump



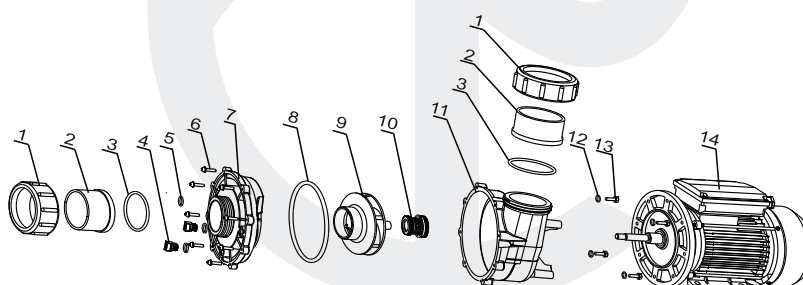
Overall dimension:



Performance curves:



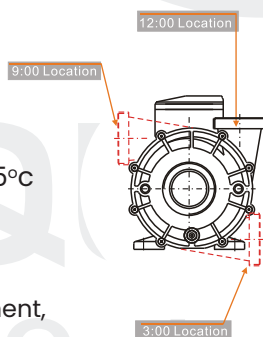
Model	Shape size (mm)						
	L	L1	L2	B	H	H1	H2
LP35M	380	100	194.5	125	218	80	187



Working conditions

Medium temperature: 5-50°C
 Environmental temperature: <75°C
 Max.working pressure: 0.3MPa

-The stator adopts plastic sealing technology with good waterproof;
 -Grade E temperature rise assessment, low temperature rise, long life.



1. Tie-in Nut
2. Tie
3. O-Ring
4. Hexagon Screw
5. Cross slotted cylinder head with set screw
6. O-Ring
7. Pump Cover
8. O-Ring
9. Impeller
10. Mechanical seal
11. Pump Casing
12. Plain washer
13. Plastic spacer
14. Motor

Technical Characteristics

Model	Qmax (l/min)	Hmax (m)	Curves	V/Hz	Power(P ₁)		Amps	Fitting size (mm)	G.W (Kg)	Packing size (mm)
					kW	HP				
LP35M	580	11	1	220-240/50	1.1	1.5	5.8	60.3or63	12.8	420×220×290



HL Pump Series

Model

HL-150

HL-200

HL-300

HL-350

HL-400



HLB Pump Series

Model

HLB-100

HLB-150

HLB-200

HLB-300



HLS Pump Series

Model

HLS-370

HLS-550

HLS-750

HLS-900



XB Pump Series

Model

XB-550

XB-750

XB-1100

XB-1500

XB-2200

POOL & SPA ACCESSORIES

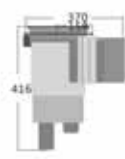


SKIMMER



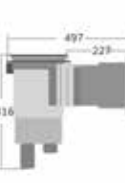
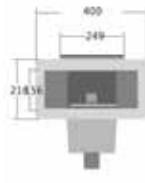
Model No.	Color	Material
SP0030C	White	ABS+UV

SKIMMER



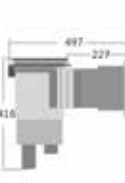
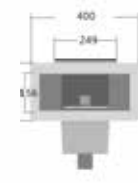
Model No.	Color	Material
SP0030V	White	ABS+UV

SKIMMER



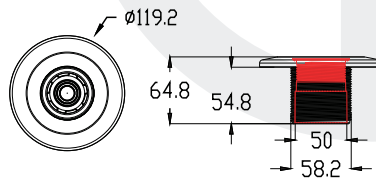
Model No.	Color	Material
SP040C	White	ABS+UV

SKIMMER



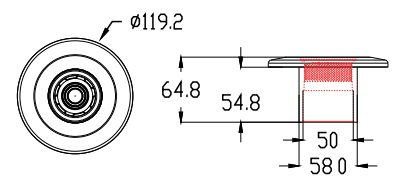
Model No.	Color	Material
SP0040V	White	ABS+UV

Outlet Fitting



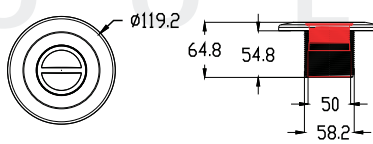
Model No.	Color	Material	Connection
SP2851	White	ABS+UV	1.5" interpolation 2" external

Outlet Fitting



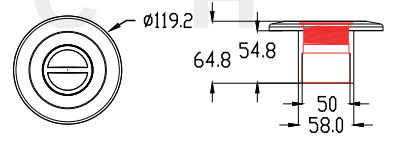
Model No.	Color	Material	Connection
SP2852	White	ABS+UV	1.5"

Suction Nozzle



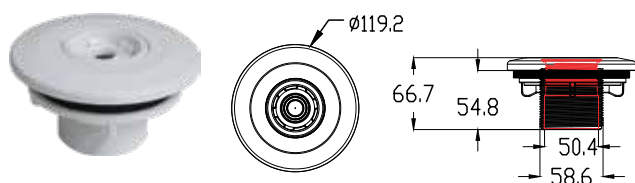
Model No.	Color	Material	Connection
SP2853	White	ABS+UV	1.5" interpolation

Suction Nozzle



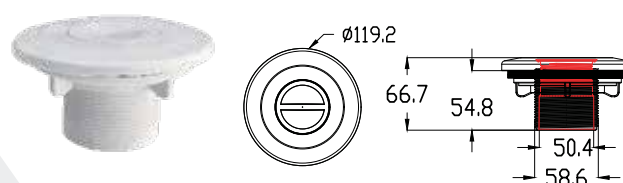
Model No.	Color	Material	Connection
SP2854	White	ABS+UV	1.5"

Well Return (For Vinyl Pool)



Model No.	Color	Material
SP1003V	White	ABS+UV

Wall Return (For Vinyl Pool)



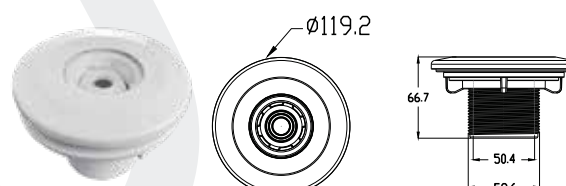
Model No.	Color	Material
SP1004V	White	ABS+UV

Vacuum Fitting (For Vinyl Pool)



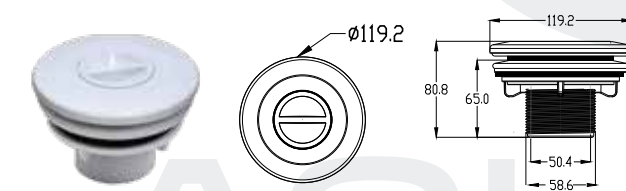
Model No.	Color	Material
SP1005V	White	ABS+UV

Outlet Fitting (For Vinyl Pool)



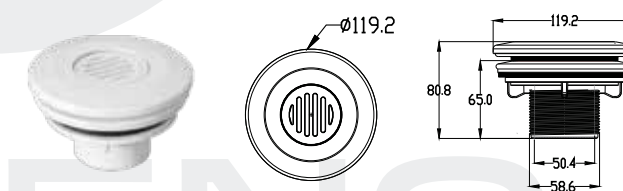
Model No.	Color	Material
SP1006V	White	ABS+UV

Wall Return



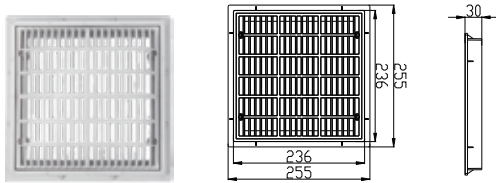
Model No.	Color	Material
SP1007V	White	ABS+UV

Wall Return



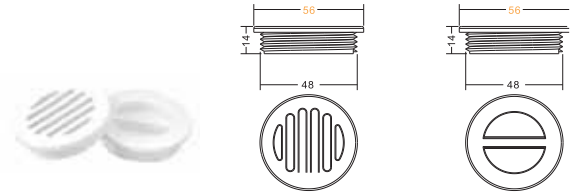
Model No.	Color	Material
SP1008V	White	ABS+UV

Main Drain



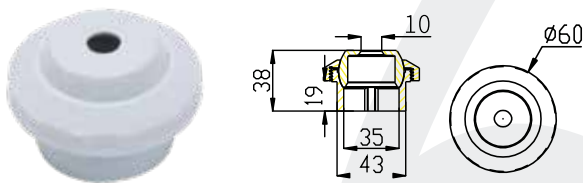
Model No.	Color	Size	Material
SP1032	White	12"x12"	ABS

Cover of Suction Fitting



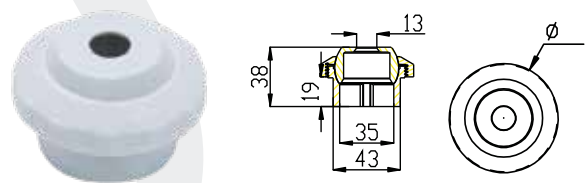
Model No.	Color	Material
SP1022A	White	ABS+UV
SP1022B	White	ABS+UV

Spray Nozzle



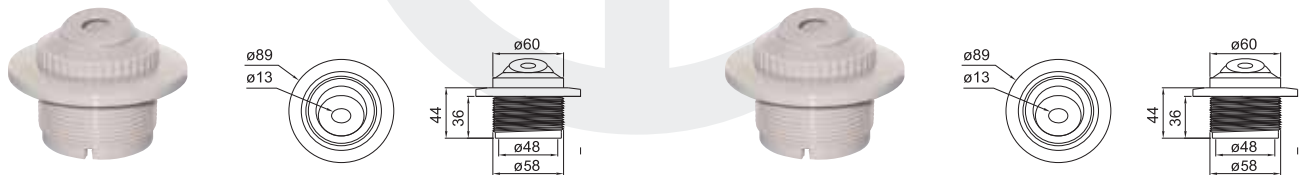
Model No.	Color	Size	Material
PL-1419B	White	1.5"/10mm	ABS+UV

Nozzle Jet



Model No.	Color	Size	Material
PL-1419C	White	1.5"/12.5mm	ABS+UV

Successive Spray Nozzle



Model No.	Color	Size
SP2856	Grey	1.5"

Model No.	Color	Size
SP2855	Grey	1.5"x2"



H201
One-way thread union

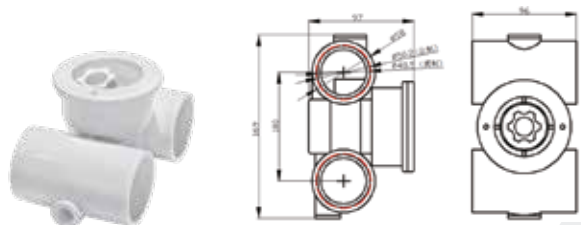


NON-0324
Wall conduit



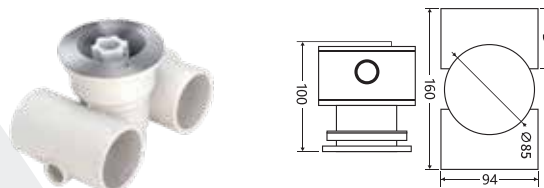
SP-1030
Main drain

Massage Jet



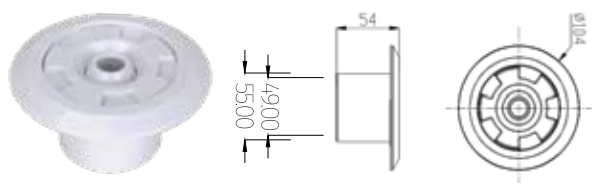
Model No.	Color	Material
SP-1434	White	ABS+UV

Massage Jet (Stainless)



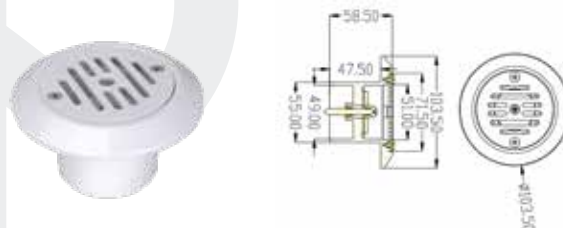
Model No.	Color	Material
SP-1434S	White	ABS+UV

Eye Ball SKT



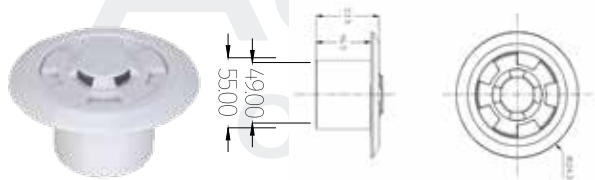
Model No.	Color	Size	Material
SP1432	White	DN50/DN63	ABS

Water Return



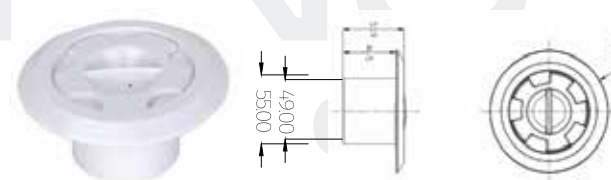
Model No.	Color	Size	Material
SP1433	White	DN50/DN63	ABS

Gutter Drain



Model No.	Color	Size	Material
SP1435	White	DN50/DN63	ABS

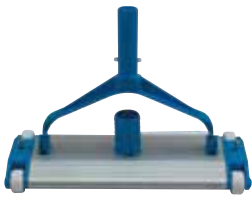
Eye Ball SKT



Model No.	Color	Size	Material
SP1436	White	DN50/DN63	ABS

CLEANING EQUIPMENTS





PV-03
14-19" Vacuum head



PDRS-04
Economy deep bag rake



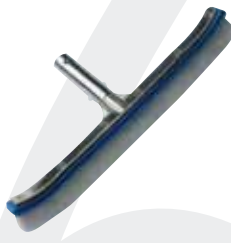
PDRS-01
Heavy duty plastic leaf rake with long wearing screen mesh



PLS-03
Heavy duty plastic leaf skimmer (Blue)



PB-04
Oversized Polybristle Wall Brush w/EZ-clip



PB-11
18" / 45cm Metal Back wall Brush



PB-08
18" / 45cm Stainless Steel Algae Brush



PB-02
18" / 45cm Standard Curved Wall Brush



PB-05
10" / 26cm Polybristle Wall Brush



PB-06
10" / 26cm Stainless Steel Algae Brush



PB-07
10" / 26cm Polybristle Wall Brush w/aluminum Handle and EZ-Clip



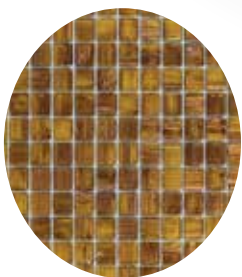
PB-03
Flexible Brush w/Aluminum Handle & Extra Bristles



PT-05
Deluxe Round Thermometer w/String



PTK-01
Basic pH & Chlorine Test Kit (20cc)



**Glass, Porcelain, Ceramic
& Stone Mosaic Tiles**



**Adhesives, Cement
& Epoxy Grouts**



**HDPE Grass Pavers,
Drain Cells & Geo Textiles**



**Sand & Cartridge Filters, Pumps
& Swimming Pool Accessories**

Glass, Porcelain, Ceramic, Stone Mosaic Tiles

HDPE Grass Pavers, Drain Cells & Geo Textile

Adhesives, Cement & Epoxy Grouts

Sand & Cartridge Filters, Pumps & Swimming Pool Accessories

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