



END-SUCTION P R O D U C T R A N G E

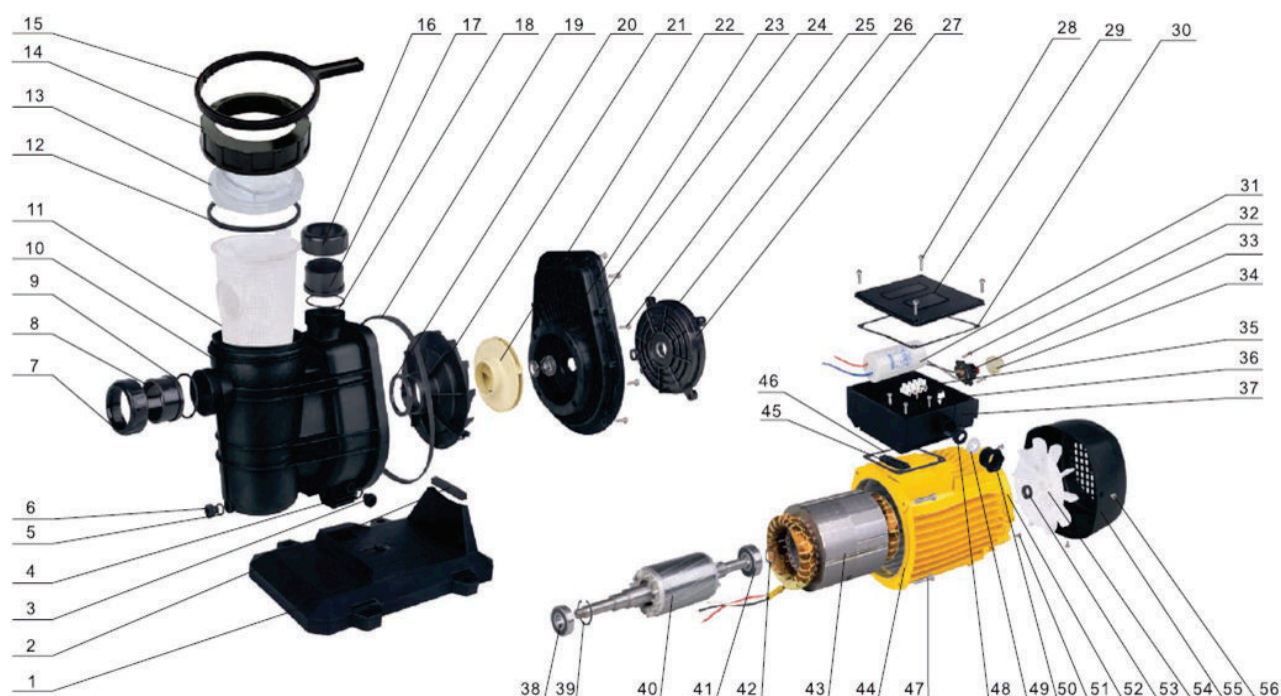
FCP
SWIMMING POOL PUMP
PL
SWIMMING POOL FILTER



2014 PRODUCT CATALOGUE

Q/S&M/End-Suction/Swimming Pool FCP&PL Cat/14/03

FCP SWIMMING POOL PUMP EXPANDED VIEW



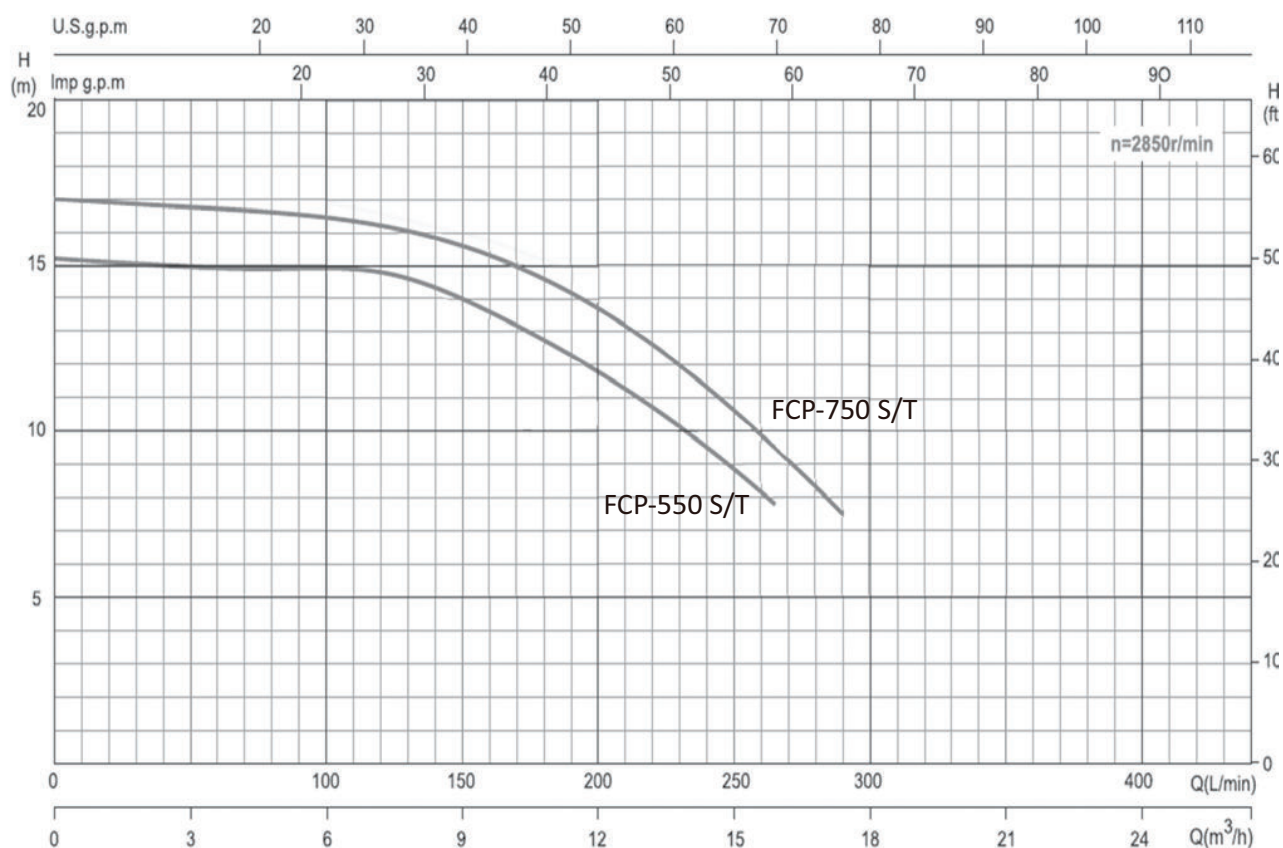
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump Base	20	Sealed Ring	39	Snap Ring
2	Support Block	21	Diffuser	40	Rotor
3	Exhaust Screw	22	Impeller	41	End Bearing
4	O-Ring	23	Mechanical Seal	42	Spring Washer
5	O-Ring	24	Pump Cover	43	Stator
6	Exhaust Screw	25	Screw	44	Motor Body
7	Inlet Nut	26	Drop Guard	45	Washer
8	Inlet Pipe	27	Front Cover	46	Terminal Base Seal
9	Inlet O-Ring	28	Screw	47	Screw
10	Pump Body	29	Terminal Box Cover	48	Seal Ring
11	Filter	30	Terminal Cover Seal	49	Fair Lead
12	O-Ring	31	Capacitor	50	Terminal Box Plug Screw
13	Transparent Cover	32	Screw	51	Screw
14	Transparent Cover Nut	33	Overload Protector	52	End Cover
15	Handle	34	Overload Protector Cover	53	Washer
16	Outlet Nut	35	Terminal Block	54	Fan
17	Outlet Pipe	36	Screw	55	Fan Cover
18	Outlet O-Ring	37	Terminal Box	56	Screw
19	Sealed Ring	38	Front Bearing		

PERFORMANCE RANGE

Head up to 21m
Flow up to 30m³/h
Power 750-2200W

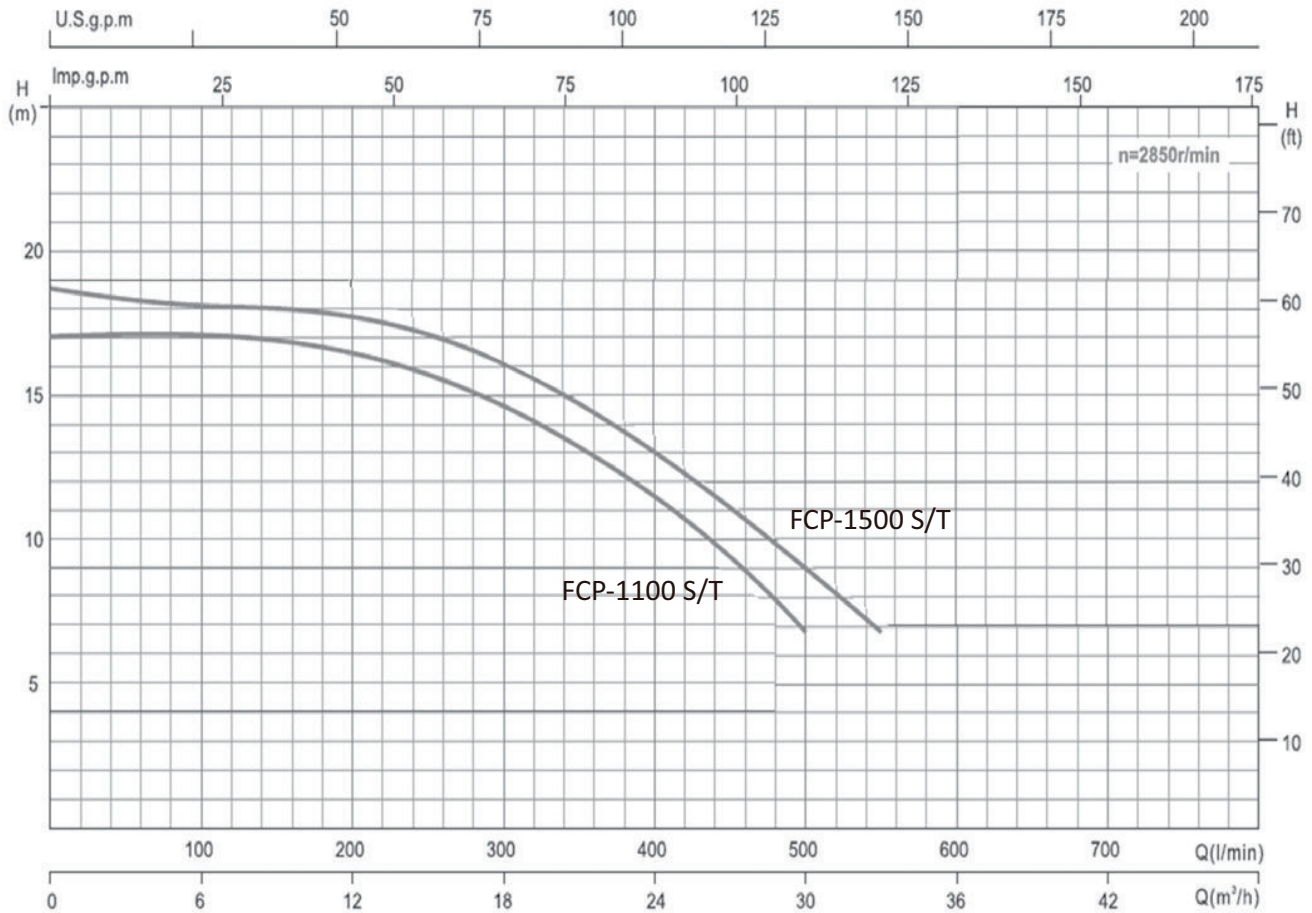
TECHNICAL DATA

Glass filled polypropylene
Motor shaft in stainless steel
Mechanical seal in sic-sic
IP55 Protection
Class F insulation
Single Phase with thermal overload



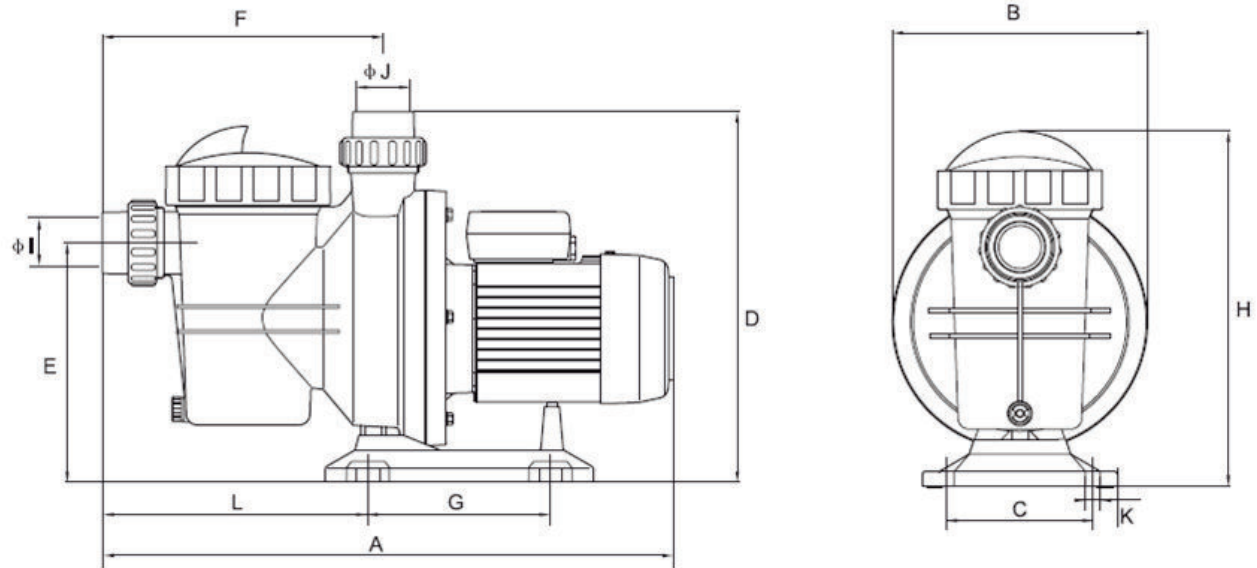
MODEL	HP	kW	V		A		P1 (kW)		Q	l/min	0	40	80	120	160	215	265	290	340	
			1~	3~	1~	3~					m³/h	0	2.4	4.8	7.2	9.6	12.9	15.9	17.4	20.5
			50Hz	50Hz	220	280	1~	3~				0	2.4	4.8	7.2	9.6	12.9	15.9	17.4	20.5
FCP-550S/T	0.75	0.55	220	380	4.2	1.6	0.95	0.91	H(m)	15.2	15.0	14.9	14.8	13.6	11.0	7.8				
FCP-750S/T	1	0.75	220	380	5.3	2.0	1.15	1.1		17.0	16.8	16.6	16.2	15.3	12.9	9.5	7.5			

TECHNICAL DATA

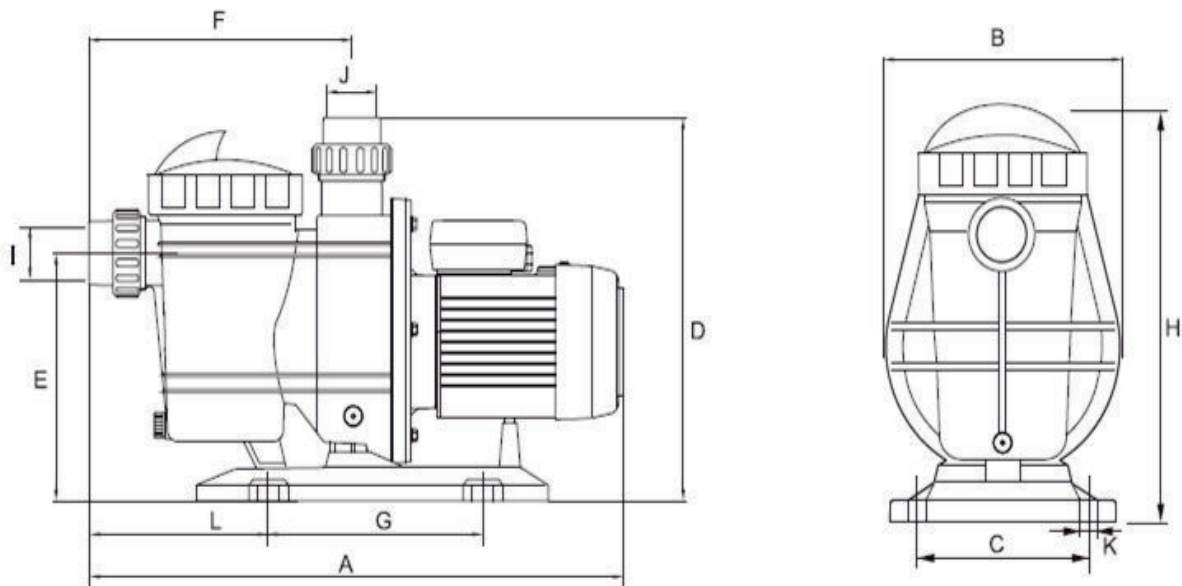


MODEL	HP	kW	V		A		P1 (kW)		Q	l/min	0	100	150	250	350	450	500	550	
			1~	3~	1~	3~					m³/h	0	6	9	15	21	27	30	33
			50Hz	50Hz	220	280	1~	3~				0	6	9	15	21	27	30	33
FCP-1100S/T	1.5	1.1	220	380	7.9	3.0	1.9	1.9	H(m)	17	16.8	16.5	15.5	13.2	9.4	6.8			
FCP-1500S/T	2	1.5	220	380	10	3.9	2.2	2.2		19	18.5	18.0	17.1	14.7	11	9	6.8		

DIMENSIONS



MODEL	A	B	C	D	E	F	G	H	L	I	J	K	kg
FCP-550S/T	550	238	160	345	225	262	170	330	205	Ø50	Ø50	4-Ø10	9.3
FCP-750S/T	550	238	160	345	225	262	170	330	205	Ø50	Ø50	4-Ø10	10.4



	A	B	C	D	E	F	G	H	L	I	J	K	kg
FCP-110S/T	655	270	230	450	295	335	200	440	270	Ø63	Ø63	4-Ø10	16.6
FCP-1500S/T	655	270	230	450	295	335	200	440	270	Ø63	Ø63	4-Ø10	19

PL500S-PL700S SWIMMING POOL FILTER

Serie S-Hig H Performance Plastic filter

They are economical, compact and light weight, and are suitable for residential pools, fish ponds and commercial pools.

OPERATING CONDITION

Maximum Working Pressure: 200kPa/28psi/2.0bar

Factory Testing Pressure: 300kPa/44psi/3.0bar

Maximum Water Temperature: 40°C (104 °F)

Maximum Filtration Velocity: 50m³/h/m²

Size of Silica Sand: 0.5-0.8mm

FEATURES

Compact and light weight. Clamp lock is designed to allow 360 degree rotation to simplify installation.

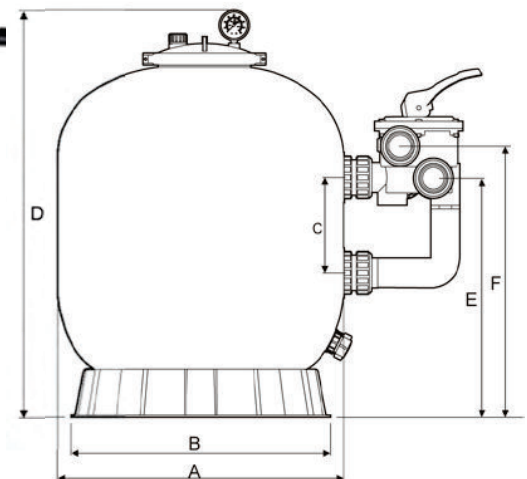
Easy to use multiport valve allows you to select any of the valve/filter settings with a simple lever action.

Transparent lid cover allows easy inspection of the sand bed.

Top diffuser ensures even distribution of water over the top of the sand bed.

Air relief screw enables easy release of trapped air during operation of the filter.

DIMENSIONS



MODEL	A	B	C	D	E	F	FILTER AREA	VALVE CONNECTIONS		MAX FLOW RATE		SAND
	mm	mm	mm	mm	mm	mm		inch	mm	lpm	m³/h	
PL-500S	527	500	180	770	460	520	0.22	1.5	50	180	10.80	85
PL-650S	627	500	180	850	510	570	0.31	1.5	50	255	15.30	145
PL-700S	703	500	180	960	510	570	0.39	1.5	50	320	19.2	210

EXPANDED DIAGRAM



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Valve	7	Valve Cover	13	O-Ring
2	Washer	8	Filter	14	Nut
3	Support Plate	9	Piping Assembly	15	O-Ring
4	O-Ring	10	Lateral	16	Drain Cap
5	O-Ring	11	Cover		
6	Washer	12	Drain Lateral		