



EASY MAINTENANCE

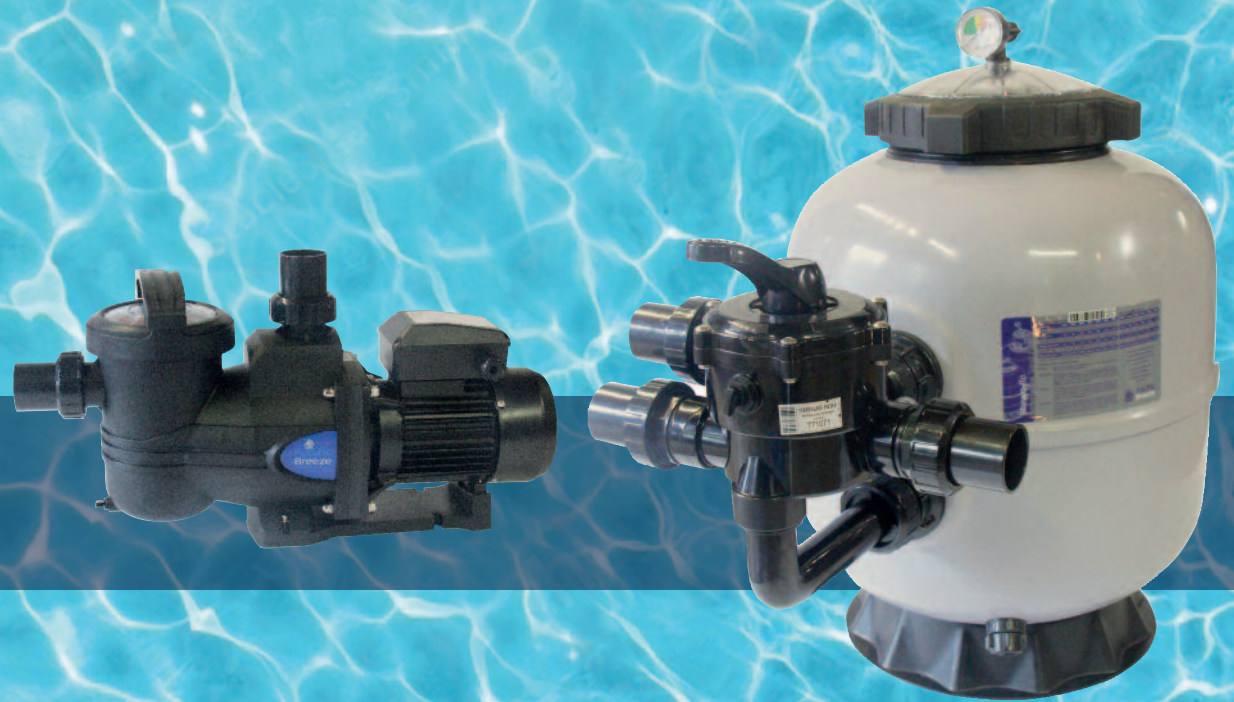
SWIMMING POOL FILTERS & PUMPS

Stream-flo side mount laminated sand filters and self priming pumps

PACIFIC BREEZE SWIMMING POOL FILTERS AND PUMPS

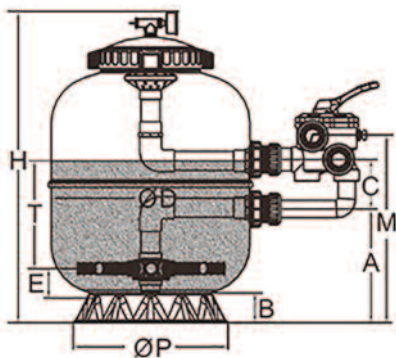
Stream-flo side mount laminated sand filters and self priming pumps

Economical and efficient
swimming pool filtration



- Made of fibreglass reinforce laminated polyester.
- Smooth and high brightness appearance.
- 6 way multiport valve.
- Sight glass for inspection of filtered water.
- Easy maintenance, easy cleaning.
- Maximum Working Pressure: 36psi/2.5kg/cm².
- Maximum temperature: 50°C.
- Air release valve.

PBSF 400-900 Series Pump



Maximum working pressure:
250kpa/36psi/3.0bar

Factory testing pressure:
300kpa/44psi/3.0bar

Maximum temperature:
50°C (122°F)

Size of Silica sand:
0.5mm - 0.8mm

Model	Pipe Size (inches)	Filter Area (m ²)	Design Flow (m ³ /h)	Sand Weight (kg)	Tank Volume (m ³)	Valve volume (m ³)	Tank weight (kg)	Valve weight (kg)
PBSF450	1.5	0.16	6.0	56	0.15	0.02	8.0	3
PBSF500	1.5	0.20	10.0	90	0.20	0.02	11.5	3
PBSF650	1.5	0.30	15.0	170	0.32	0.02	14.5	3
PBSF700	1.5	0.37	18.0	225	0.42	0.02	19.5	3
PBSF800	2.0	0.50	25.0	380	0.68	0.03	41	3.8
PBSF900	2.0	0.64	30.0	450	0.92	0.03	48	3.8

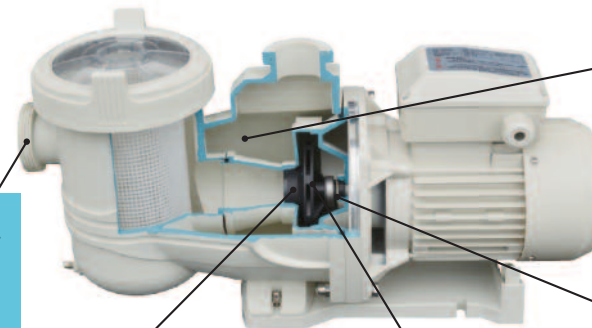
Model	PBSF450	PBSF500	PBSF650	PBSF700	PBSF800	PBSF900
Φ D (mm)	450	500	635	700	800	900
H (mm)	660	745	805	885	1020	1120
A (mm)	260	280	310	360	385	430
B (mm)	75	75	95	95	115	115
C (mm)	125	125	125	125	220	220
M (mm)	444	464	494	534	680	725
Φ P (mm)	390	390	565	565	790	790
T (mm)	250	280	300	350	420	480

Pacific Breeze's range of Stream-flo swimming pool and pond pumps have high reliability and performance. They integrate the European pump's advantage of mass flow and American pump's advantage of high head to solve the usage limitation problems met by former pool pumps. With 25,000 strict life-span tests and powerful impact tests, this pump is highly recommended for its high performance and reliable qualities.

PBSF Series Pump

Material

Pump housing: Polypropylene 35% Fiberglass
Filter basket: Polypropylene
Shaft: SS316
Mechanical seal: Carbon + Resin - Ceramics
(Carbon, Ceramics, SS304, NBR)
Impeller: Noryl+30% Fiberglass
Diffuser and pump base: PP+35% Fiberglass



Polypropylene, which is widely used in those world leading pumps, has been adopted as pump housing material, with the features of high temperature resistance and high pressure resistance.



Pump inlet/outlet with external thread can connect with metric/imperial pipe, more convenient to operate.



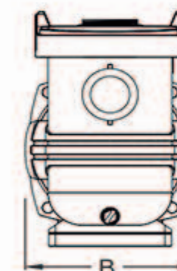
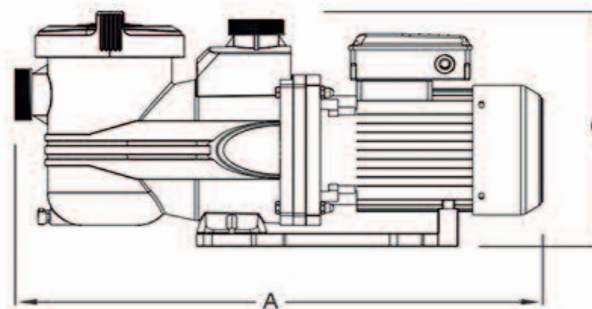
The pump diffuser in cone shape and cambered surface ensures the operation of high head and mass flow, and at the same time effectively reduces cavitations as well as flow noises (The 0.75HP pump produces less than 65DB noises).



The impeller uses locknut and locating pin to increase the stability of its operation.



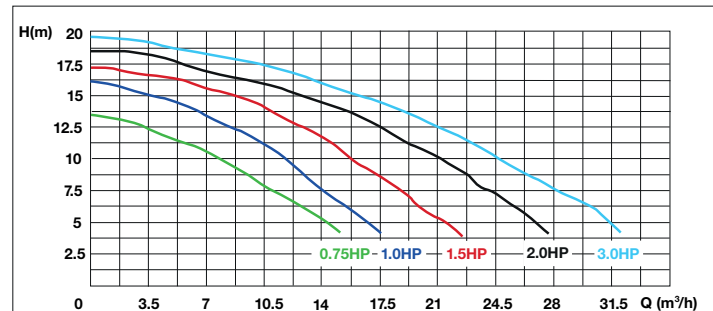
Mechanical seal adopts ceramic carbon material which is resistant to high temperature and dry grinding. This not only enhances the pump shaft's sealing, but also increases the operational capacity of short-term dry run.



STREAM-FLO SIDE MOUNT LAMINATED SAND FILTERS AND SELF PRIMING PUMPS

MODEL	HORSEPOWER (HP)	RATED POWER (Kw)	PHASE	VOLTAGE (V)	INLET PORT DIA (inch)	OUTLET PORT DIA (inch)	A LENGTH (mm)	B WIDTH (mm)	C HEIGHT (mm)
PBSF075M	0.75	0.6	1	220	1.5"/50mm	1.5"/50mm	595	200	295
PBSF100M	1	0.75	1	220	1.5"/50mm	1.5"/50mm	595	200	295
PBSF150M	1.5	1.1	1	220	1.5"/50mm	1.5"/50mm	605	200	295
PBSF200M	2	1.5	1	220	2.0"/63mm	2.0"/63mm	605	200	295
PBSF300M	3	2.2	1		2.0"/63mm	2.0"/63mm	605	200	295
PBSF100T	1	0.75	3	380	1.5"/50mm	1.5"/50mm	595	200	295
PBSF150T	1.5	1.1	3	380	1.5"/50mm	1.5"/50mm	605	200	295
PBSF200T	2	1.5	3	380	2.0"/63mm	2.0"/63mm	605	200	295
PBSF300T	3	2.2	3	380	2.0"/63mm	2.0"/63mm	605	200	295

QH CURVE OF THE PUMP



All union fittings supplied as standard

The information contained within this brochure is shown as correct at time of publication.
The company employs a policy of continuous improvement and it reserves the right to alter or amend the specification as necessary and without prior notice.

214 High Street, Hornchurch, Essex RM12 6QP

Call us on: 01708 463 090 or 01708 620 520

Email us at: info@pacificbreeze.co.uk

www.pacificbreeze.co.uk


**Pacific
Breeze**