



EASY MAINTENANCE  
**POOL FILTERS**

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



## PACIFIC BREEZE **EASY MAINTENANCE** POOL FILTERS

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

The most economical way to heat your swimming pool efficiently.

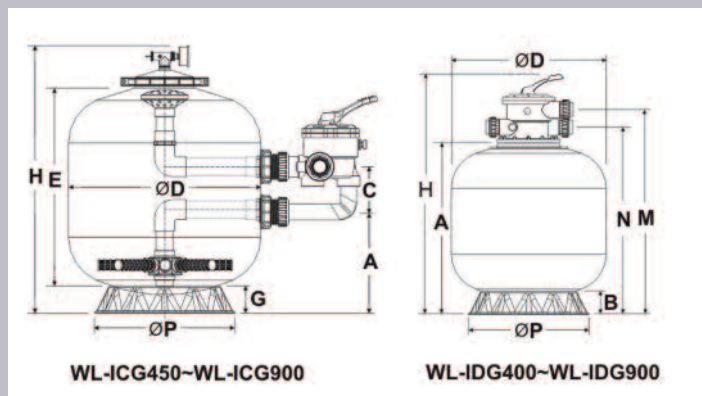


Model no:  
WL-ICG450-WL-ICG900

Model no:  
WL-1 DG400-WL-1 DG900



- 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.



| Model   | WL-ICG450 | WL-ICG500 | WL-ICG650 | WL-ICG700 | WL-ICG800 | WL-ICG900 |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| 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       |

| Model   | WL-ID400 | WL-IDG450 | WL-IDG500 | WL-IDG650 | WL-IDG700 | WL-IDG800 | WL-IDG900 |
|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| φ D(mm) | 400      | 450       | 530       | 635       | 700       | 800       | 900       |
| H(mm)   | 750      | 815       | 870       | 875       | 980       | 1145      | 1270      |
| A(mm)   | 500      | 620       | 870       | 625       | 725       | 845       | 970       |
| B(mm)   | 75       | 75        | 75        | 95        | 95        | 120       | 120       |
| C(mm)   | 609      | 674       | 620       | 775       | 835       | 988       | 1122      |
| M(mm)   | 550      | 615       | 729       | 676       | 776       | 908       | 1032      |
| φ P(mm) | 390      | 390       | 390       | 565       | 565       | 790       | 790       |
| T(mm)   | 160      | 220       | 260       | 370       | 450       | 500       | 550       |

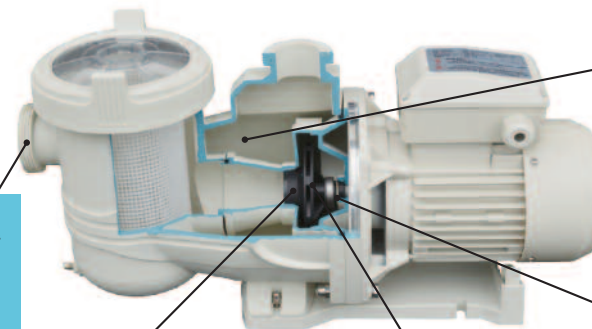
**Pacific Breeze**

Pacific Breeze HLLF series pump is a recirculation pump for pool with high reliability and performance. It integrates European pumps' advantage of mass flow and American pumps' advantage of high head to solve the usage limitation problems met by former pool pumps. With 25000 strict life-span tests and powerful impact tests, this pump is highly recommended for its high performance and reliable quality.

## HLLF 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



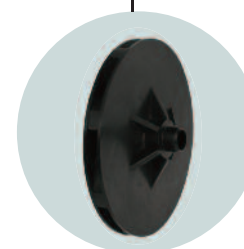
Polypropylene, which is widely used in those world leading pumps, has been adopted as pump housing material, with the features of high temperature resistance and high pressure resistance.



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



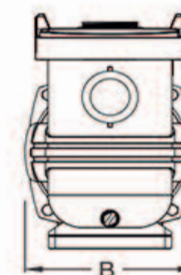
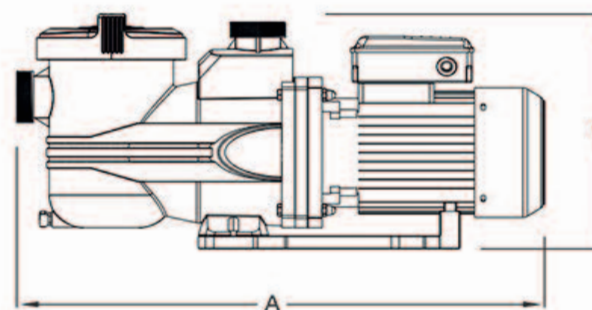
The pump diffuser in cone shape and cambered surface ensures the operation of high head and mass flow, and at the same time effectively reduces cavitations as well as flow noises (The 0.75HP pump produces less than 65DB noises).



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     | Pipe Size (inches) | Filter Area ( m <sup>2</sup> ) | Design Flow ( m <sup>3</sup> /h ) | Sand Weight ( kg ) | Tank Volume (m <sup>3</sup> ) | Valve Volume (m <sup>3</sup> ) | Tank Weight (kg) | Valve Weight (kg) |
|-----------|--------------------|--------------------------------|-----------------------------------|--------------------|-------------------------------|--------------------------------|------------------|-------------------|
| WL-ICG450 | 1.5                | 0.16                           | 6.0                               | 56                 | 0.15                          | 0.02                           | 8.0              | 3                 |
| WL-ICG500 | 1.5                | 0.20                           | 10.0                              | 90                 | 0.20                          | 0.02                           | 11.5             | 3                 |
| WL-ICG650 | 1.5                | 0.30                           | 15.0                              | 170                | 0.32                          | 0.02                           | 14.5             | 3                 |
| WL-ICG700 | 1.5                | 0.37                           | 18.0                              | 225                | 0.42                          | 0.02                           | 19.5             | 3                 |
| WL-ICG800 | 2.0                | 0.50                           | 25.0                              | 380                | 0.68                          | 0.03                           | 41               | 3.8               |
| WL-ICG900 | 2.0                | 0.64                           | 30.0                              | 450                | 0.92                          | 0.03                           | 48               | 3.8               |

| Model     | Pipe Size (inches) | Filter Area ( m <sup>2</sup> ) | Design Flow ( m <sup>3</sup> /h ) | Sand Weight ( kg ) | Tank Volume (m <sup>3</sup> ) | Valve Volume (m <sup>3</sup> ) | Tank Weight (kg) | Valve Weight (kg) |
|-----------|--------------------|--------------------------------|-----------------------------------|--------------------|-------------------------------|--------------------------------|------------------|-------------------|
| WL-IDG400 | 1.5                | 0.13                           | 6.5                               | 43                 | 0.09                          | 0.02                           | 5.5              | 3                 |
| WL-IDG450 | 1.5                | 0.16                           | 8.0                               | 70                 | 0.15                          | 0.02                           | 7.0              | 3                 |
| WL-IDG500 | 1.5                | 0.20                           | 10.0                              | 105                | 0.20                          | 0.02                           | 9.8              | 3                 |
| WL-IDG650 | 1.5                | 0.30                           | 15.0                              | 160                | 0.32                          | 0.02                           | 13.0             | 3                 |
| WL-IDG700 | 1.5                | 0.37                           | 18.5                              | 220                | 0.42                          | 0.02                           | 18.5             | 3                 |
| WL-IDG800 | 2.0                | 0.50                           | 25.0                              | 370                | 0.68                          | 0.03                           | 41               | 5                 |
| WL-IDG900 | 2.0                | 0.64                           | 30.0                              | 450                | 0.95                          | 0.03                           | 48               | 5                 |

STANDARD: MAXIMUM WORKING PRESSURE: 36psi/2.5kg/cm<sup>2</sup>

MAXIMUM OPERATING WATER TEMPERATURE ≤ 50°C

MAXIMUM TESTING PRESSURE: 60psi

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](mailto:info@pacificbreeze.co.uk)

[www.pacificbreeze.co.uk](http://www.pacificbreeze.co.uk)

