



PW 370 F

Free debugging

Model code

Automatical Self-priming vortex Pump

PW-F



**Application Limits**

- Suction lift up to 8 m
- Max. working pressure 5 bar
- Liquid temperature up to +90°C
- Ambient temperature up to +40°C
- Voltage fluctuations should not exceed 10% of rate value

**Advantages & Features**

- Compact design, easy installation
- Pressure and flow switch control automatically
- Pump body insert of stainless sheet 304
- Shaft extension is stainless steel 304
- Intelligent control: The pump equips with flow switch, pressure sensor, control panel, collecting the flow and pressure data by flow switch and pressure sensor. Through the water flow and water pressure data collected by flow switch and pressure switch, electronic unit control the pump running/stop, solve the frequently starting problems under low water flow, and completely inhibit frequently starting if water flows lower than 0.3m<sup>3</sup>/h.
- Pressure sensing function: No need to adjust the pressure, pump can create start-up pressure according to the pipe pressure.
- Time delay start: 3-seconds delay on startup to prevent electric transient surge
- Dry-Run protection: Pump shut down if no water flows past pump inlet after running 6 minutes, when there is water flow past pump inlet, pump restart.
- Scale prevention: Pump will automatically run 10 seconds for scale prevention once per 3 days among outage period.

**Performance Data**

Model	Power		Max. Flow (m <sup>3</sup> /h)	Max. Head (m)	Head Range (m)	Max. Suction (m)	Packing Dim. L × W × H(mm)	G.W (kg)	20'Loading Qty. (pcs)
	kW	HP							
PW125F	0.125	0.17	2	24	0-20	8	295 × 230 × 305	8.3	1600
PW250F	0.25	0.34	2.2	30	0-26	8	295 × 230 × 305	9.0	1600
PW370F	0.37	0.5	2.4	36	0-32	8	295 × 230 × 305	9.3	1600
PW550F	0.55	0.75	3.0	42	0-38	8	315 × 245 × 325	12.1	1320
PW750F	0.75	1	3.4	50	0-46	8	315 × 245 × 325	13.8	1320