



1.1kW Smart Series Pressure Pump

- Best efficiency flow range
67 to 150lt/min
- Best efficiency pressure
range 2 to 3.5 bar
- 1-year Quality Warranty
- Low noise level
- Energy-efficient
- Constant pressure supply
- Easy to install and operate
- Ideal for solar systems
- Automatic start/stop function
- Leak detection
- Locked rotor detection
- Pre-wired with 3-point plug



When choosing a pump consider your setup and what the pump will be used for.



Bathroom



Misting



Pop up



Impact



Dishwasher



Washing Machine

Maximum power, constant pressure, and quiet efficiency for large-scale water needs.

The 1.1kW Smart Series Pressure Pump, the most powerful in the range, is engineered for large households, high-demand setups, and light commercial use. It features an intelligent variable-speed drive for consistent pressure across multiple outlets and a high-efficiency permanent-magnet motor that cuts energy use by up to 50%. Despite its robust performance, the pump remains compact and quiet, housed in a sleek, noise-reducing casing that fuses power with modern design.

Pump specifications

- **Pump model:**
SMART6-45
- **Motor power:**
1.1kW
- **Max flow:**
233 lt/min
- **Max head:**
45m
- **Max pressure:**
4.5 bar
- **Max fluid temperature:**
80 °C
- **Max ambient temperature:**
55 °C
- **Protection:**
IP 55
- **Input voltage:**
220-240 V
- **Frequency:**
50/60 Hz

Why choose the Smart Series

- **Precise Flow & Pressure Control**
Variable-speed intelligence adjusts output to maintain consistent pressure at every tap.
- **Ultra-Quiet Operation**
Engineered to minimise mechanical, fan, electromagnetic, and fluid noise.
- **High Efficiency**
Permanent-magnet design eliminates rotor losses and stays efficient across varying loads.
- **Significant Energy Savings**
Uses up to 50% less power than traditional pressure pumps.
- **Easy Installation**
Compact, lightweight build for quick, flexible setup.
- **Reduced Maintenance**
Lower losses and minimal heat generation mean less wear and a longer service life.

Availability



Stock Item:

Stock items are subject to a 7 day calendar lead time

Packaging



Package dimensions in mm:
370(h) x 230(w) x 380(l)

Total weight:
11.4kg