



Centrifugal Water Pump

MODEL: WP-158 | CE CERTIFIED

- **Continuous Duty Rating:** Designed for heavy-duty, uninterrupted operational cycles.
- **High-Output Motor:** 1.0 HP / 0.75 kW power rating with 850W peak consumption.
- **Flow & Head Capacity:** Delivers up to 100 L/min flow rate with head range of 32–8 meters.
- **European Quality Standard:** Manufactured in Italy with CE compliance.
- **Durable Enclosure:** Class B insulation and IPX4 splash-proof protection.

TECHNICAL SPECIFICATIONS

| HYDRAULIC & PERFORMANCE     |                 |
|-----------------------------|-----------------|
| Max Flow Rate ( $Q_{max}$ ) | 100 L/min       |
| Head Range (H)              | 32 – 8 m        |
| Motor Speed ( $Min^{-1}$ )  | 3450 RPM        |
| Duty Rating                 | Continuous Duty |
| Production Date             | 2023.03         |
| Origin                      | Made in Italy   |

| ELECTRICAL & MOTOR        |                     |
|---------------------------|---------------------|
| Voltage (V~)              | 220 – 240 V         |
| Frequency (Hz)            | 50 / 60 Hz          |
| Motor Power               | 1.0 HP / 0.75 kW    |
| Max Power ( $W_{max}$ )   | 850 W               |
| Nominal Current ( $I_n$ ) | 3.8 A               |
| Capacitor (C)             | 18 $\mu$ F / 450 VL |
| Insulation / IP Class     | I.CL B / IPX4       |

APPLICATIONS & INSTALLATION

Target Applications

Designed for clean water distribution, residential pressure boosting, garden irrigation, civil building water systems, and autoclave installations requiring continuous delivery.

Operating Conditions

Suitable for non-aggressive clean liquids. Ensure installation in weather-protected areas with proper ventilation and ground safety connections according to local codes.