



# PumpWave™ Plus

Electronic pump controller



**New & Improved Design**



## Features

- Elimination of frequent small draw-off pump starts
- Ensured constant flow
- Protection against pump dry run
- Starting pressure adjustable from 1 to 2.5 bar
- LED status indicators: power on, pump on / pump off, dry run control
- Designed for domestic, agricultural and horticultural applications
- All-in-one compact system
- Integrated 3L / 0.8 gallon pressure tank



*Certifications may vary by model. Check with your GWS sales representative for more detailed information.*

PumpWave™ Plus is an electronic pump controller that helps you save electricity and extends the life of your system. Ideally suited for domestic water supply in and around the home, the PumpWave Plus offers complete automatic management of most electric pumps up to 2 HP (10A), eliminating the wear and tear caused by frequent small draw-off pump starts due to leaks and low-flow pumping applications.

PumpWave Plus is a compact solution that is ideal for applications where space is limited. Combining a pump controller with an integrated 3L pressure tank, the PumpWave Plus is easy to install as you simply connect it to the pump and your system is ready to go. When small draw-off is detected, the PumpWave will first supply water from the integrated pressure tank. Once the adjustable start or cut-in pressure is achieved, the pump will then switch on and be allowed to run until the system reaches maximum static pressure.

The new PumpWave Plus incorporates a series of unique features and design improvements, delivering robust performance under the most challenging installation conditions.

Design-tested and verified through a comprehensive battery of hydrostatic, cycle and function testing, the PumpWave Plus is built to the highest quality standards in our own manufacturing facility, ensuring a lifetime of trouble-free operation.

Install a PumpWave Plus today. Your pump will thank you for it!

## Construction of PumpWave™ Plus

1. LED status indicator lights
2. Reset button
3. 1" BSPP outlet connection
4. 1" BSPP inlet connection
5. Integrated pressure gauge
6. Integrated 3L pressure tank
7. Integrated adjustable pressure switch (not shown)



**Where Water Gets Better**

# PumpWave™ Press

Electronic pump controller



New



## Features

- Automatically controls most domestic pumps
- Ensures constant flow
- Protects against pump dry run
- LED status indicators
- All-in-one compact device
- Eliminates small draw-off pump starts
- IP65 rated

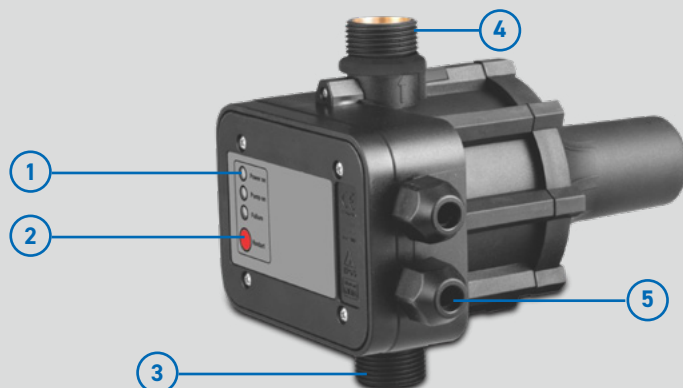


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Ideal for domestic applications, PumpWave™ Press Series automatic pump controllers are designed to provide automatic constant water pressure to one to two dwellings. The controllers are completely silent. The compact kits are comprised of a check valve, electronic circuit and reset button. PumpWave Press controllers prevent pump dry running and help to eliminate water hammering. A small reservoir of water helps avoid small draw off pump starts caused by leaky plumbing and taps. The controller will let the pump operate continuously when water flowrate exceeds 1 liter per minute. When the pump reaches maximum pressure, the controller will automatically switch the pump off.

## Construction of PumpWave™ Press

1. LED indicator lights
2. Reset button
3. 1" BSPP inlet connection
4. 1" BSPP outlet connection
5. Electrical cable glands



ELECTRONIC PUMP CONTROLLER



# PumpWave™ Classic

Electronic pump controller

New



## Features

- Automatically controls most domestic pumps
- Ensures constant flow
- Protects against pump dry run
- All-in-one compact device
- Integrated pressure gauge
- Eliminates small draw-off pump starts
- Starting pressure adjustable from 1 to 2.5 bar\*



*Certifications may vary by model. Check with your GWS sales representative for more detailed information.*

Ideal for residential applications, PumpWave™ Classic Series automatic pump controllers are designed to provide automatic constant water pressure to one to two dwellings. The completely silent, compact kits are comprised of a check valve, electronic circuit and reset button. PumpWave Classic controllers prevent pump dry running and help to eliminate water hammering. A small reservoir of water helps to avoid small draw off pumps starts caused by leaking taps. The controller will allow the pump to operate continuously if the water flowrate exceeds 1 liter per minute. When the pump reaches maximum pressure, the controller will automatically switch the pump off.

## Construction of PumpWave™ Classic

1. Reset button
2. 1" BSPP inlet connection
3. 1" BSPP outlet connection
4. Integrated pressure gauge
5. Integrated adjustable pressure switch



Where Water Gets Better

## Specifications

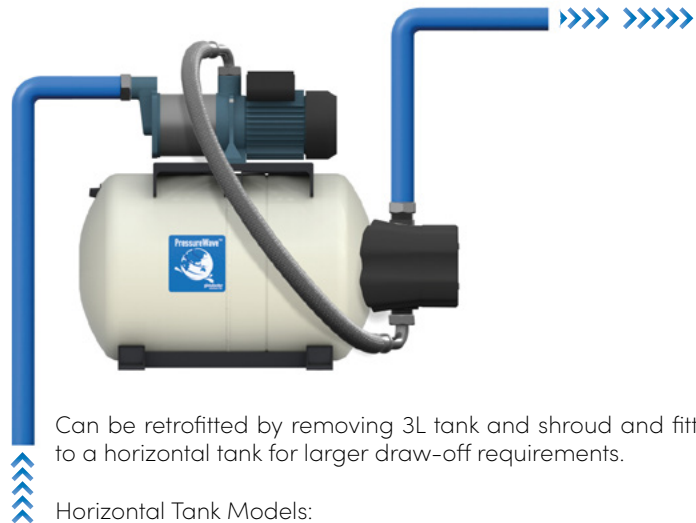
Product Series Name	PumpWave™ Plus	PumpWave™ Press   PumpWave™ Classic
Model Number	PWP-220-B	PWPress-B   PWC-A
Supply Voltage	220-240V AC	110/220-260V AC
Frequency	50/60 Hz	50/60 Hz
Max. Operating Power	1.47 kW (2hp) 10(8)A	1.5 kW 16A
Connections	1" BSPP	1" BSPP / G1 – ISO 228
Protection Level	IP 55	IP 65
Min. Flow Rate	1.5 L/min (0.4 gal/min)	1 L/min (0.26 gal/min)
Max. Flow Rate	100 L/min (26.4 gal/min)	56.6 L/min (15 gal/min)
Ambient Temperature	1-40°C / 34-104°F (Avoid Freezing)	1-60°C / 34-140°F (Avoid Freezing)
Max. Water Temperature	35°C / 95°F	60°C / 140°F
Max. Operating Pressure	8 bar   116 psi	10 bar   150 psi
Factory-set Cut-in Pressure	2 bar   29 psi	1.5 bar   21.7 psi
Cut-in Pressure Range*	Adjustable from 1 to 2.5 bar   15 to 36 psi	Adjustable from 1 to 2.5 bar   15 to 36 psi

\*Not available on PumpWave Press

### Typical Installation



### Retrofit Installation with Horizontal tank



Can be retrofitted by removing 3L tank and shroud and fitted to a horizontal tank for larger draw-off requirements.

Horizontal Tank Models:

- PWN-US-24LH
- PWN-US-60LH
- PWN-US-80LH