

## Mac3 Pump Controllers

Product codes:

PSP\*\*\*\* - PresSystem  
TXL00\* - RainControl  
W\*\*\*\* - Quadri  
VH\*\*\*\*\* - HydroController

### Mac3 Pump Controllers

Mac3 is trusted worldwide by pump and controller manufacturers for its quality and dependability.

The controllers come in various installation and control methods, from programmable DIN rail-mounted units to full VFD units with configurable

parameters and options for CANBUS linking to other units.

All Mac3 pump controllers can be retrofitted into existing installations, or specified for new projects, taking full advantage of the benefits of flexible pump control. The installation process should consider the pump requirements and the available space.

We are the UK stockist of Mac3. Go to [mac3uk.com](http://mac3uk.com) for the full range.

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[sales@3ptechnik.co.uk](mailto:sales@3ptechnik.co.uk)

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## PresSystem - Pressure Switch

**MOUNTING:** Inline (on pipe)  
**POWER SUPPLY:** Single Phase

Intelligent pressure switch with internal pressure sensor, suitable for use with a manual pump as an on-demand (automatic) unit.

Configurable for a wide range of pumps or installations. The digital display allows for easy adjustment of operating pressures. For example, properly configured it will protect low flow (irrigation) system pumps from excessive restarts due to small drops in system pressure.

The real-time LED display shows operational parameters, current status, and error codes for fault-finding.

Ideal for booster set installations, as the unit can be pre-configured before the pump is sent to site.

Available with Cosφ monitoring for locations or installations that cannot use a float switch for dry-run protection (wells, restricted access, small tanks).



## RainControl - Level Controller

**MOUNTING:** DIN Rail Mounted  
**POWER SUPPLY:** Single or 3-Phase

Intended to control the mains water level in a rainwater tank. Uses a pressure sensor for level measurement, reducing moving parts inside a tank – simplifying system design and installation.

Suitable for use as a standalone controller or integrated into a bespoke panel-built tank controller.

Easily configurable operational parameters include low and high thresholds, anti-blocking timer, display back light, password protection and mains-water bypass.

Not limited to just pump control. This unit can be used to open valves or sound alarms at defined levels.



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## Quadri - DOL Pump Controller

**MOUNTING:** Wall  
**POWER SUPPLY:** Single or 3-Phase

DOL (Direct On-Line) Available for Single or Dual pump systems. Single or three-phase models available.

Can be configured for drainage or tank filling using float switches, or for boosting and pressurization with mechanical pressure switches.

The Quadri can be set to function in either automatic or manual configuration. Automatic configuration allows the Quadri controller to test the connected hardware, determine the correct input/output levels and operate between them.

All models have overcurrent protection against pump seizure.

The Dual pump models are capable of duty standby/assist, with pump alternation. Single pump versions are also available with Cosφ power-factor monitoring for dry-run protection in remote tank/ borehole installations. This allows for simpler installation and reducing the number of cables both inside and outside of a tank/borehole.



## HydroController - Inverter

**MOUNTING:** In-line or Wall  
**POWER SUPPLY:** Single or 3-Phase

User configurable Variable Frequency Drive (VFD). Available in both air-cooled (HCA) and water-cooled (HCW) versions.

Single and three-phase models. Single phase to single phase, single phase to 230VAC three phase and three phase to three phase 400/415VAC.

HCW models feature an internal pressure sensor and flow meter. It's on-pipe mounting are ideal for pre-assembled pump sets.

All units can drive a single speed jockey pump if required.

The Advanced model features CANBUS protocol for communication with up to 8 other units. MultiMaster technology avoids reliance on a designated "Master" inverter, thus increasing uptime and resilience..

Also available with specialisations for Solar and Pool installations. The Pool version has calendar capability for pool scheduling.



**In-line**  
**(water cooled)**

**Wall Mount**  
**(air cooled)**

Also available for Solar and Pool installations