

# SteadyPres

Variable Speed Controller



**Electronic variable speed pump controller with inverter technology for single and multi-pump applications up to 2.2kW per pump.**

Under conditions of varying flow demand, the SteadyPres variable speed controller with inverter can vary the speed of pumps to delivery constant pressure. With variable speed control, the cost savings resulting from running pumps at a slower speed when demand drops can be substantial.

## Applications

- Domestic water supply
- Light commercial water supply
- Farm and agricultural water supply
- Home and garden water supply

## Features

- Provides fully automatic variable speed pump control and protection via electronic flow sensor complete with check valve able to sense flows down to 2L/min
- Multi pump application possibility by fitting an expansion board
- Easily accessible and serviceable components for maintenance
- Simple start up installation with simplified "quick release" fitting, removable electrical connector and LCD programming display
- Systems protection included adjustable high and low pressure shutdown settings
- System protection alarms for dry running, over temperature, over current and pump failure

## Technical Specifications

- Min flow: 2 l/min
- Max Flow: 200 l/min
- Voltage: 240 Volt a.c.
- Max Current: 16 Amp
- Working pressure: 1 – 9 Bar
- Output frequency (50Hz input): 25 - 50 Hz
- Connections: 1" x 1" male BSP
- IP Protection: IP65
- Working temperature: 0 - 60°C
- Weight: 2.9Kg
- AS4020 Approved

# PresFlo Multi

Adjustable Pressure / Flow Controller



**Electronic pressure constant flow pump controller.**

The Presflo Multit electronic pressure flow regulator starts and stops the pump according to demand. It substitutes traditional pressure switch/surge tank systems.

## Applications

- Domestic water supply
- Lawn and garden irrigation
- Water transfer

## Features

- Substantial 3L built in surge tank with ability to set tank pressure as desired in order to guarantee optimum protection
- Gives draw off for small demands and less starts in leaking systems
- Sturdy and reliable pressure sensor connected to circuit board
- Simple to use screw adjustments makes configuration and running information easily available with start/stop button on the cover
- Selectable pump start up pressure between 1 and 5 bar (0.5 bar increments) via screw adjustments
- Adjustable overload protection via a simple screw
- Reduced dimensions and easily accessible components for maintenance or adjustments
- System protection against dry running with automatic restart and excessively frequent starting
- Tropicalised electronics
- Shut down flow rate of 2 litres per minute

## Technical Specifications

- Max flow rate: 200 l/min
- Voltage: 230 Volt a.c.
- Frequency: 50 Hz
- Max Current: 16 Amp
- IP Protection: IP 65
- Working temperature: 0 – 65°C
- Connections: 1" BSP female 3 piece union
- Working/bursting pressure: 10 Bar / > 40 Bar
- Weight: 1.9Kg
- AS4020 Approved

# PresFlo

Pressure / Flow Controller



**The PresFlo electronic pressure flow regulator starts/stops the pump based on demand.**

The Presflo is capable of satisfying the most varied of needs while guaranteeing the pump works reliably and safely. It substitutes for traditional pressure switch/surge tank system while offering reduced dimensions, no maintenance requirements, constant flow and pump protection.

## Applications

- Domestic water supply
- Lawn and garden irrigation
- Water transfer

## Features

- Spring loaded water accumulator guarantees high level of protection against over pressure and preventing excessive running and stopping. No need to fit air expansion tanks
- Body with built in check valve. Sturdy, techno polymer body, suitable for use in drinking water distribution systems
- Ease of use and monitoring through flashing LEDs and built in pressure gauge
- Tropicalised circuit board assures complete protection against moisture
- Systems protection against dry running and excessively frequent starts
- Available in 1.5 bar and 2.0 bar start pressure models
- Shuts down flow rate of 2 litres per minute

## Technical Specifications

- Max flow rate: 200 l/min
- Voltage: 230 Volt a.c.
- Frequency: 50 Hz
- Max Current: 16 Amp
- IP Protection: IP 65
- Working temperature: 0 – 65°C
- Connections: 1" BSP female 3 piece union
- Working/bursting pressure: 10 Bar / > 40 Bar
- Weight: 1.45Kg
- AS4020 Approved

# Preset

Adjustable Pressure Switch Controller



**Electronic adjustable pressure switch for the control and protection of pumps.**

The Preset electronic pressure switch senses the pressure and flow; it automates the starting and stopping operations of the pump ensuring no pressure fluctuation.

## Applications

- Domestic pressure systems
- Domestic water systems
- Gardening irrigation

## Features

- System protection against dry running with automatic restart, over current, abnormal system running/too frequent starts and shutdown on pressure or no flow
- Electronic selectable pressure switch 0.8-9.0 bars ideal for control and protection of single phase pumps
- Equipped with easily accessible, integrated, precise pressure sensor and guarantees accurate and reliable parameter settings
- Resin bonded electronic board and built in check valve
- Digital backlit display for easy setting of working parameters
- Adjustable dry running intervention and reset time

## Technical Specifications

- Max flow rate: 200 l/min
- Voltage supply: 230 Volt a.c.
- Frequency: 50 Hz
- Max Current: 16 Amp
- Enclosure: IP 65
- Working temperature: 0 – 65°C
- Connections: 1" BSP
- Working/burst pressure: 10 Bar / > 40 Bar
- AS4020 Approved

# Flux

Electronic Flow Control Switch



**Electronic flow control switch suitably designed to control the running and stopping of booster pumps with inlet pressure.**

Flux is a device which starts/stops the pump as demand requires. The pump is started when a tap is turned on to generate a flow and is stopped when the tap is closed generating no flow.

## Applications

- Tank stand boosting
- Roof tank boosting
- Main pressure boosting

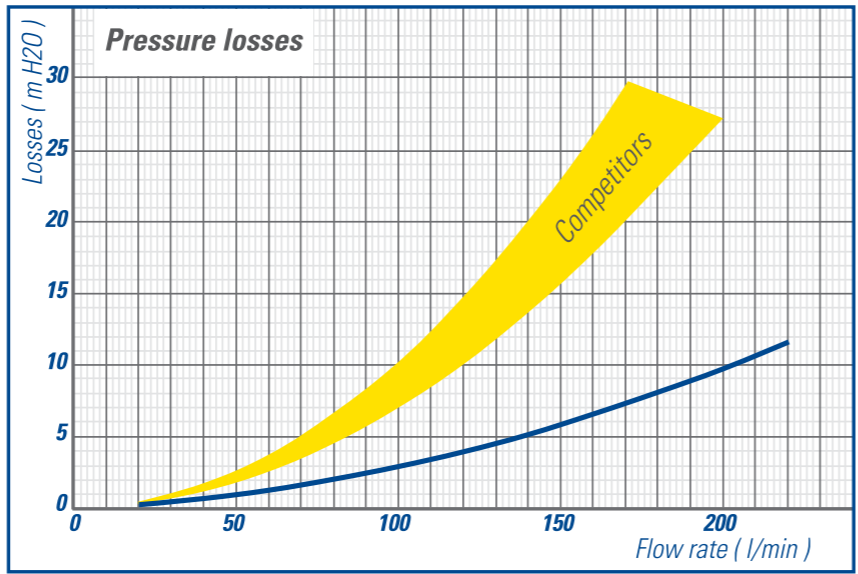
## Features

- Can be installed on any point of the line either vertically or horizontally and ideal for controlling booster pumps in application with high inlet pressure
- Ease of use and monitoring through status LEDs and stop/reset button
- Fitted with an inbuilt pressure gauge
- Tropicalised circuit board assures complete protection against moisture
- Systems protection against dry running and excessively frequent starts

## Technical Specifications

- Voltage: 230 Volt a.c.
- Frequency: 50 Hz
- Max Current: 16 Amp
- IP Protection: IP 65
- Working temperature: 0 – 65°C
- Connections: 1" BSP female 3 piece union
- Working/bursting pressure: 10 Bar
- Weight: 970g
- AS4020 Approved

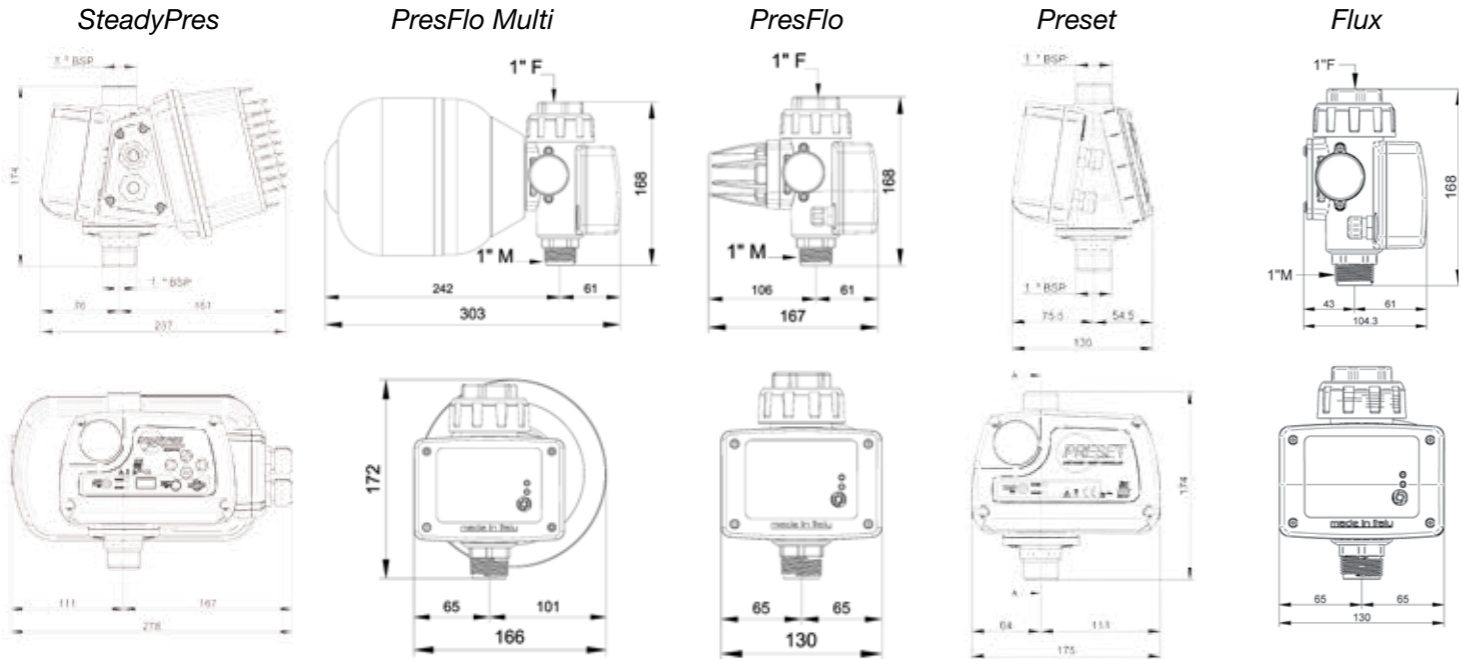




Models

Controller	Model	Input Voltage	Output Voltage	Max Current	Power	
		Volt	Volt		kW	Hp
SteadyPres	ST M/M 11 DE	1 ~ 230V	1 ~ 230V	11	1.7	2.3
	ST M/M 13 DE	1 ~ 230V	1 ~ 230V	16	2.2	3
	ST T/T 06 DE	3 ~ 230V	3 ~ 230V	6	2.2	3
	ST T/T 08 DE	3 ~ 230V	3 ~ 230V	8	3	4
PresFlo Multi	PFM 16	1 ~ 230V	1 ~ 230V	16	2.2	3
Presflo	PF1615P	1 ~ 230V	1 ~ 230V	16	2.2	3
	PF1622P	1 ~ 230V	1 ~ 230V	16	2.2	3
Preset	PS16	1 ~ 230V	1 ~ 230V	16	2.2	3
Flux	FL16	1 ~ 230V	1 ~ 230V	16	2.2	3

Dimensions



# Electronic Pump Controller Units



- SteadyPres
- PresFlo Multi
- PresFlo
- Preset
- Flux