Automatic Restart Pump Controllers
The White International controllers are devices used to control electric 240V pumps of 1.5kW or less. The controller monitors both the pressure and the flow. It controls the operation of the pump automatically. Because of its design, there is no need for a separate pressure (expansion) tank, nor is there any need to adjust start and stop pressures as per traditional pressure switches. The unit will protect the pump should the water supply fail (due to blockage in the pipe or tank running dry) and will automatically restart normal operation once water is restored.

**Features and Benefits**

- Starts and stops the pump automatically when the tap is open or closed. This means the pump does not need to be turned off manually.
- Maintains a constant pressure from the pump during operation resulting in a reliable water supply.
- Automatically stops the pump in the situation of no flow (due to inlet pump blockage) and will automatically resume normal operation once the blockage is removed.
- Automatically restarts the pump in the event of power failure. This gives the homeowner peace of mind that the unit will continue to operate even if they are away for a long period of time.
- The controller eliminates pressure fluctuations at flows as low as 1L/min.
- Plug and play leads (IEC type) are installed on the controller so that a licensed electrician is not required to replace the controller (WHI-SK10PPHS2, WHI-SK20PPHS2 only). WHI-SK10AXHS2 comes with an approved 3 pin socket lead.
- The controller incorporates an inbuilt pressure gauge to enable the homeowner to monitor the system pressure without the need of a separate inline pressure gauge. The pressure gauge can also diagnose nuisance upstream water leaks.
- Drinking water AS/NZS4020 approved in Australia and New Zealand.
Automatic Restart Pump Controllers
WHI-SK13BA

The White International WHI-SK13BA is a device used to control electric 240V pumps of 1.5kW or less. The controller monitors both the pressure and the flow. It controls the operation of the pump automatically. Because of its design, there is no need for a separate pressure (expansion) tank, nor is there any need to adjust start and stop pressures like traditional pressure switches.

The unit will protect the pump should the water supply fail (due to a blockage in the pipe or tank running dry) and will automatically restart normal operation once water is restored.

Controller comes with adjustable cut in (start) pressure of between 1.5-3.0 bar to improve system efficiency.

Features and Benefits
- Starts and stops the pump automatically when the tap is open or closed. This means the pump does not need to turned off manually.
- Maintains a constant pressure from the pump during operation resulting in a reliable water supply.
- Automatically stops the pump in the situation of no flow (due to inlet pump blockage) and will automatically resume normal operation once the blockage is removed.
- Automatically restarts the pump in the event of power failure. This gives the homeowner peace of mind that the unit will continue to operate even if they are away for a long period of time.
- The controller eliminates pressure fluctuations at flows as low as 1L/min.
- Australian and New Zealand approved three pin socket lead installed on the controller so that a licensed electrician is not required to replace the controller if required.
- Side discharge outlet to aid installation
- Drinking water AS/NZS4020 Approved in Australia and New Zealand.

Technical Specification

Construction Characteristics
- Inlet: 1" BSP male
- Outlet: 1" BSP male
- Built in non-return valve
- No flow/loss of prime protection
- Manual start switch (RESET)
- Voltage LED (GREEN power on light)
- Pump working LED (ORANGE pump on light)
- No flow LED (RED failure light)
- 1.5 metre lead and 3 pin Australian/New Zealand plug
- 0.6 metre pump power lead, plug and play
- Adjustable cut in (start) pressure
- Inbuilt 10 bar pressure gauge

Technical Information
- Voltage: 220V (-6%) / 240V (+6%)
- Maximum Current: 16(8) Amps
- Maximum kW: 1.5kW
- Frequency: 50Hz
- Ingress Protection: IP65
- Maximum Water Temperature: 60 deg C.
- Starting Pressure: 1.5 - 3.0 bar
- Recommended Minimum Pump Pressure Required: 3.0 bar
- Maximum Working Pressure: 10 bar
- Minimum Flow: 1.0 l/m
- AS/NZS4020 Certified

DOMESTIC PRESSURE SYSTEM
The BIA-iPRESS is a device used to control electric 240V pumps of 2.2kW or less. The controller monitors both the pressure and the flow. It controls the operation of the pump automatically. Because of its design, there is no need for a separate pressure (expansion) tank.

The unit will protect the pump should the water supply fail (due to a blockage in the pipe or tank running dry) and will automatically restart normal operation once water is restored.

The iPRESS is the first electric pump controller with a fully adjustable cut in (start) pressure of between 0.5-6.0 bar and a cut out (stop) pressure of between 0.8-9.8 bar. The iPRESS has the ability to operate as either a standard auto restart pressure controller (start pressure to be set) or an automatic restart loss of prime pressure switch (start and stop pressure to be set). The iPRESS enables the homeowner full control of the pressure system.

Features and Benefits

- Starts and stops the pump automatically when the tap is open or closed. This means the pump does not need to be turned manually.
- Maintains a constant pressure from the pump resulting in a reliable water supply.
- Automatically stops the pump in the situation of no flow (due to inlet pump blockage) and will automatically resume normal operation once the blockage is removed.
- Automatically restarts the pump in the event of power failure. This gives the homeowner peace of mind that the unit will continue to operate even if they are away for a long period of time.
- The controller eliminates pressure fluctuations at flows as low as 0.5L/min.
- Plug and play leads (IEC type) installed on the controller so that a licensed electrician is not required to replace the controller.
- Change between Mode 1 (set cut in pressure only) and Mode 2 (set cut in and cut out pressure) via a single button push.
- Real time indication of system pressure displayed so a separate in line pressure gauge is not required.

*Note: A pressure tank is required when both cut in and cut out pressures are set. For operation where a pressure tank is required, precharge pressure should be set at 65% of the maximum system pressure.