



TRIPLE P PROJECTS LTD

SD120 Residential Fire Sprinkler Pump



The SD120 is designed to be connected directly onto the Town's Main and requires no water storage tank.

The SD120 unit complies with BS 9251: 2014. The unit self tests and sends signals for external alarms.

The pump and associated pipework is housed in a wall-mounted cabinet 800 mm wide x 600 mm high x 260 mm deep with single door access and external fixing brackets.

The unit has been designed for ease of installation; attach the external brackets, mount to a wall, connect to town's main water supply and to sprinkler installation and connect to power supply.



- Town's Main connection – 28 mm copper.
- 28 mm WRAS approved Double Check valve supplied.
- Sprinkler system connection – 28 mm copper.
- Pump – WRAS approved Horizontal Stainless Steel pump.
 - Remote signalling (Water flowing & System Fault) – via an IP66 plug (Supplied with 1 mt of flex fitted). Connects to a socket in the bottom of the cabinet allowing for external connection to a monitoring system.
 - Facility to operate priority demand valve.
- Full Bore Flow Test Facility.
- Can be supplied with radio link to a remote optical smoke detector/sounder, fitted with 10-year lithium battery so no power required. (Supplied pre-programmed).
- The unit can also be supplied as a skid unit with either a horizontal or vertical pump.
- If required the unit can be supplied for tank systems.

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PRODUCT



How it works

The SD120 connects directly onto the town's main and the sprinkler system and constantly monitors the pressure in the sprinkler system.

Should the system pressure drop below the pre-set pressure (usually 4 bar) the pump will start to enhance the system pressure to its normal setting and stop as soon as that pressure is achieved. If after a pre-set time (usually 15 seconds) if the fire sprinkler system pressure has not reached the normal setting, the unit will latch into alarm, sounding the local sounder, sending a remote signal and operating the priority demand valve if connected.

The pump will now run continuously until stopped by manually resetting the SD unit.

In order to stop over pressurisation of the sprinkler system there is a pressure monitor that will ensure that the sprinkler system pressure never exceeds the pre-set pressure (usually 5 bar).

For and advice or information on all our products, please contact:

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British Automatic Fire Sprinkler Association
bafsa

Sprinklers save lives

