

# Product data sheet

## HYDOME PYRO CONTROL PANEL

For use with Hydome Pyro Smoke Vents

Axter's Control Panel provides full control of smoke and heat ventilation and is designed to be programmed to give day to day ventilation.

### Key features

- Fully certified to BS EN 12101-10.
- Visible LED indicators.
- 72 hour battery backup.
- Suitable for integration with BMS and fire alarms.
- Standalone or network system compatible.
- Controls smoke ventilation and provides day to day comfort cooling.
- Accessories include Manual Control Points, Fire Priority Switches.



The Control Panel is supplied with the Hydome Pyro Smoke Vent unit, Fire Priority Switch and any other specified accessories to give full control of smoke and heat ventilation in Axter flat roof waterproofing designs.

It is available in 2 electrical capacities: 5Amp or 8Amp (both 1 fire group and 1 comfort group).

The smoke control panel provides power to and control of the operation of the Hydome Pyro smoke vent opening system for fire and comfort ventilation with 24V DC electrical actuators. It is equipped with connection terminals for external signals (comfort and fire switched, weather sensor/close all, detectors, etc) and is also possible to connect more control panels in the 'Bus' connection. A battery back-up is included.

It has a compact design and is certified to EN 12101-10 Class A (double supply) and EN 12101-9 (draft).

Specifications	
Approvals/Conforms	EN 12101-10:2005 approved and certified – Class A (Double Supply), envir. Class 1 (to -15C) Conforms to EN 12101-9
Power Supply	230V AC – max 1.5A
Output Supply	24V DC
Motor Outputs	1 pc. (line detection : 1-4 lines)
Max Total Load	5A / 8A
Operating Temperature	-15°C to +40°C
Density	IP 54
Battery Backup (72hours)	Yes
Batteries	2pcs. 12V7, 2AH
Dimensions (WxDxH) Weight incl. Batteries	238mm x 113mm x 286mm 7.5kg
Colour	White Front / Grey Indication Label
Fire Groups	1pc. with line detection Max power consumption for fire switches (LED+Buzzer) = 6.6mA = approx. 3 manual control points
Comfort Groups	1pc. – unlimited no. of comfort switches
Detector (Smoke/Heat) Input	1pc. with line detection Max power consumption for detectors = 2.2mA = approx. 22 detectors
Weather Sensor Input / Close All	Yes
Alarm Output	Yes – potential free contact, max 48V / 0.5A
Failure Output	Yes – potential free contact, max 48V / 0.5A
24V DC for External Use	24V DC / max 0.5A at 230V AC operation
Bus Communication	Yes – connection of 2-10 control panels – line detection
Visual (LED) Indication in Front Panel	'OK' / 'AC Fault' / 'Low Battery' / 'Line Fault' / 'Alarm' / 'Comfort Open'
DIP Switch Features (Standard)	Service hours (LED's flash in front panel) Comfort opening interval Temperature detection via motor output Extra line detection via 3 wire motor output Fail safe (alarm by line failure) Sprinkler (close by alarm) Bus comm. settings (react on Bus comm.) Potential free contact for comfort open

