

Sensors

Our addressable range has multiple options for intelligent addressable sensors. All sensors are designed for optimum functionality in mid-large sized builds. They are all soft addressed and have integral short circuit isolators. We also offer a loop connected remote indicator, designed to offer discreet remote indication and an ability to monitor multiple sensors. This helps to minimise wiring requirements.

Optical smoke sensor
CAP320



Typical applications:

Suitable for most applications.
Fastest response to slow burning or smouldering fires which give rise to large visible smoke particles.

Photo-thermal sensor
CAPT340*



Typical applications:

Responds quickly to fast clean burning fires.
Maintains the advantage of optical sensors when detecting smouldering fires.

Heat sensor
CAH330

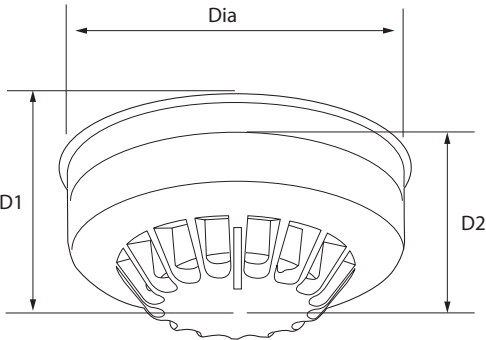


Typical applications:

Environments where the ambient conditions might cause false alarms with smoke detectors.
Examples include areas with high levels of dust or fumes.
The CAH330 can operate in 3 modes: rate of rise, fixed heat 77°C and fixed heat 90°C.
These modes are set by the panel.

*The CAPT340 has day/night modes available, programmeable from the site installer software. The day mode uses the heat aspect of the sensor for areas which may have smoky environments during, for example working hours. The night mode uses a combination of A2S and smoke detection. If not programmed, the sensor defaults to dual mode.

Dimensions



Description	Diameter (mm) (incl base)	Depth (mm) (excl base)	Depth (mm) (incl base)
Optical	104	33	45
Photo-thermal	104	43	55
Heat	104	43	55

Performance

Feature	CAP320	CAPT340	CAH330	CAH330	CAH330
Mode	Optical	Photo-thermal	Rate of rise	Fixed heat 77°C	Fixed heat 90°C
Area coverage*	100m ²	100m ²	50m ²	50m ²	50m ²
Heat class	N/A	A2S	A2R	BS	CS
Alarm temperature	N/A	60 °C	60 °C	77 °C	92 °C

*(subject to local standards)

Catalogue numbers

Description	Code
Optical smoke sensor - CAP320	400002FIRE-0002X
Photo-thermal sensor - CAPT340	400004FIRE-0004X
Multi-mode heat sensor - CAH330	400003FIRE-0003X