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APPLEBY

Safety Alarms

OPTICAL SMOKE ALARM AND HEAT ALARM

**D230OSA**

OPTICAL SMOKE ALARM

BS EN 14604:2005

List No	Description
D230OSA	230V mains powered Optical smoke alarm with 9V alkaline battery backup

Features

- 230V AC
- 9V alkaline battery back up included.
- 6 year warranty.
- Self test on sensor & self diagnostic feature.
- Easy installation.
- Dust cover.

Dimensions

Diameter 120mm

**D230HA**

HEAT ALARM

BS 5446-2: 2003

List No	Description
D230HA	230V mains powered Heat alarm with 9V alkaline battery backup

Features

- 230V AC
- 9V alkaline battery back up included.
- 6 year warranty.
- Self test on sensor & self diagnostic feature.
- Easy installation.
- Dust cover.

Dimensions

Diameter 123mm

CARBON MONOXIDE ALARM



D230COA

CARBON MONOXIDE ALARM

BS EN 50291-1:2010

List No	Description
D230COA	230V mains powered Carbon Monoxide alarm with 9V alkaline battery backup

Features

- 230V AC
- 9V alkaline battery back up included.
- 5 year warranty.
- Self test on sensor & self diagnostic feature.
- Easy installation.

For CO alarm locations see installation instructions supplied with product

Dimensions

Height	46mm
Width	130mm
Depth	75mm



D230UP

PATTRESS

BS 5733

List No	Description
D230UP	Pattress for installing D230OSA & D230HA

Features

- Made from flame retardant thermoplastic
- 2 x 28mm & 2 x 20mm knockouts
- Integrated terminal block

Dimensions

Diameter:	110mm
Depth:	22mm

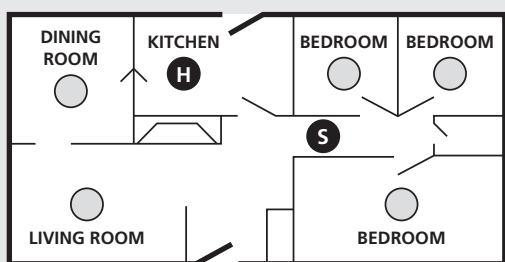
TECHNICAL DATA

SAFETY ALARM TECHNICAL DATA

	D230OSA	D230COA	D230HA
Reliability			
Detection Principal	Optical	Carbon Monoxide	Heat
Main Unit Life	10 years	5 years	10 years
Third Party Type Test	BS EN 14604:2005	BS EN 50291-1:2010	BS 5446-2:2003
Other Compliances	RoHS, EMC, LVD	RoHS, EMC, LVD	RoHS, EMC, LVD
Self Test	Yes	Yes	Yes
Warranty	6 years	5 years	6 years
CE Mark	Yes	Yes	Yes
Operating Environment			
Operating Temperature Range	0° - 40°C	0° - 40°C	0° - 40°C
Humidity	5 - 95% RH	5 - 95% RH	5 - 95% RH
IP Rating	IP40	IP42	IP40
Electrical and Interconnection			
Voltage	230V	230V	230V
Frequency	50Hz	50Hz	50Hz
Power supply	Mains powered, with 9V alkaline battery backup	Mains powered, with 9V alkaline battery backup	Mains powered, with 9V alkaline battery backup
User Interface			
Visual Indicator	Low battery warning, LED operating indicator, alarm indicator	Low battery warning, LED operating indicator, alarm indicator	Low battery warning, LED operating indicator, alarm indicator
Button	Test / Hush Button	Test / Reset Button	Test / Hush Button
Product			
Weight	0.165kg	0.150kg	0.145kg
Dimensions	120mm diameter	130mm x 75mm x 46mm	123mm diameter

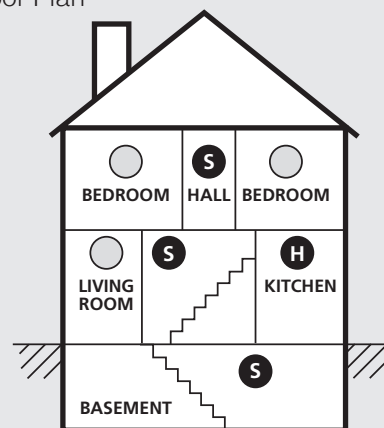
SMOKE AND HEAT ALARMS Typical locations (for illustrative purposes only).

Single Floor Plan



- Typical locations for Minimum Protection
- Typical locations for Additional Protection

Multiple Floor Plan



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Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Latest details can be obtained from Appleby.

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