

Deckhead Mounting Box



Deckhead mounting box

Accessory Kit

Product Overview

Product	Deckhead Mounting Box
Part No.	45681-217
Product	Accessory Kit
Part No.	45681-218

Product Information

The Deckhead Mounting Box is a device which protects detector bases, sounder bases and sounder beacon bases from the ingress of water or other liquids. It is screwed to the soffit and accepts a variety of Apollo bases.

The Deckhead Mounting Box is used on its own in most cases but there are applications where either an extension sleeve or an adaptor ring is required.

An extension sleeve is required when fitting heater or deep bases; an adaptor ring is needed for fitting sounder bases, beacon bases or sounder beacon bases. The extension sleeve and adaptor ring are sold as an accessory kit.

The Deckhead Mounting Box has six cable access ports for M20 glands and is secured to the mounting surface via two 5.4 mm holes in the webs.

Usage table

Product	Use to install	Part Nos.
Mounting box only	All Apollo bases except Isolating base 45681-321* and those listed below	
Mounting box and extension sleeve	XP95 Deep base XP95 Heater base Orbis Deep base Orbis Heater base	45681-209 45681-219 ORB-MB-00019-APO ORB-HB-00020-APO
Mounting box and adapter ring	Base sounders Beacon bases Sounder beacon bases	45681-265, 267, 268, 276, 277, 278, 290, 291, 300, 330, 331, 332, 333, 334, 335, 336, 337, 338, 340, 341, 393, 509, 510, 512 and 513

* cannot be fitted to the Deckhead Mounting Box

Notes on use

1. Do not apply any sealing compound or use a gasket of any kind between the detector base and Deckhead Mounting Box. The only exception is a gasket supplied with certain Apollo products.
2. Make sure that the mounting surface is flat and level.
3. The Deckhead Mounting Box orientation should be such that the detector LED is facing the entrance to the protected area.

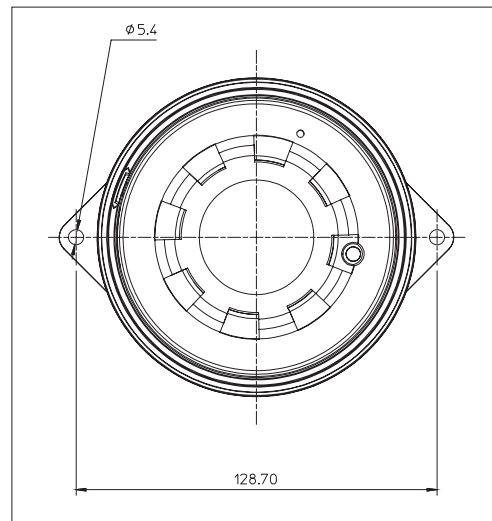


Figure 1: Fixing hole centres

Deckhead Mounting Box

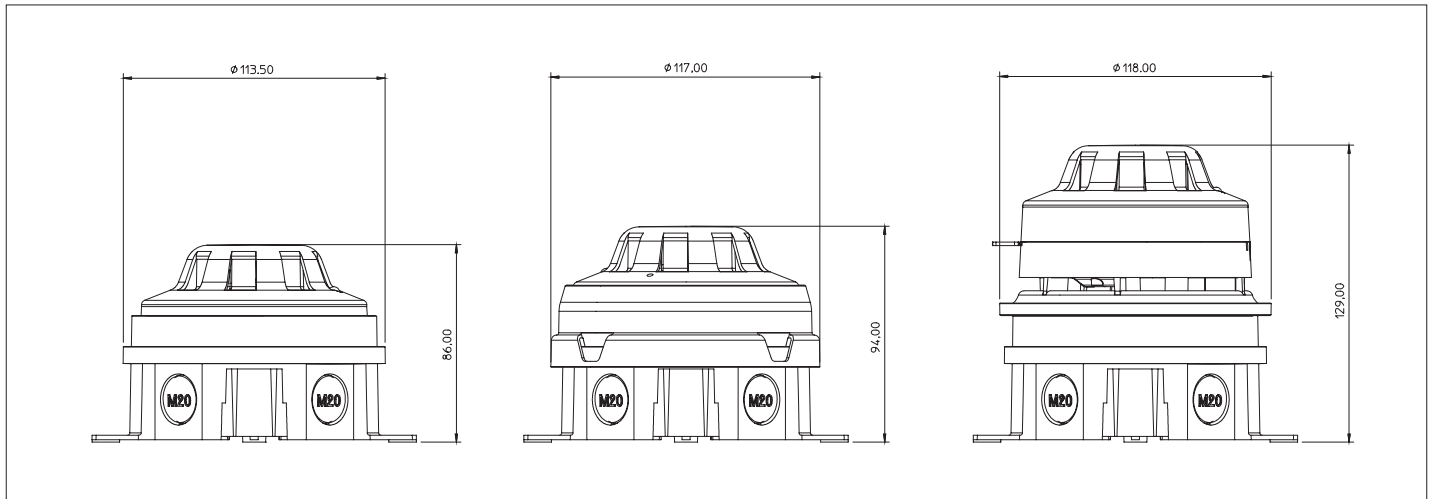


Figure 2: Dimensions

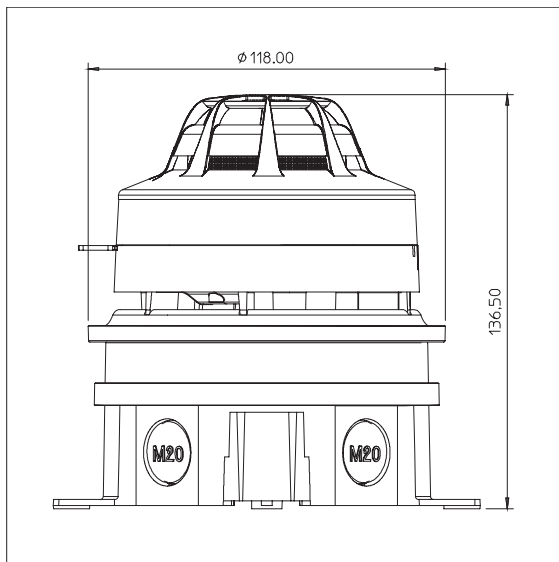


Figure 3: Dimensions if using a Discovery Multisensor detector



Deckhead Mounting Box part no. 45681-217
Accessory Kit part no. 45681-218

Installation Guide

General

The Deckhead Mounting Box, part no. 45681-217, is used as a mounting accessory for detectors or other devices where protection against the ingress of water or other liquids is required.

Some devices, such as Apollo's range of base-mounted audio visual equipment, are installed using the separate Deckhead Accessory Kit, part no. 45681-218, comprising the Extension Sleeve and Adaptor Ring.

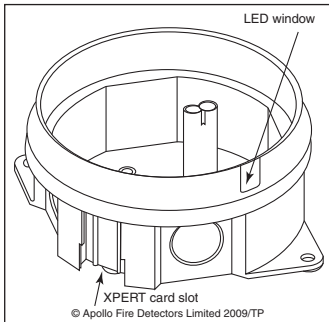


Fig 1 Mounting Box

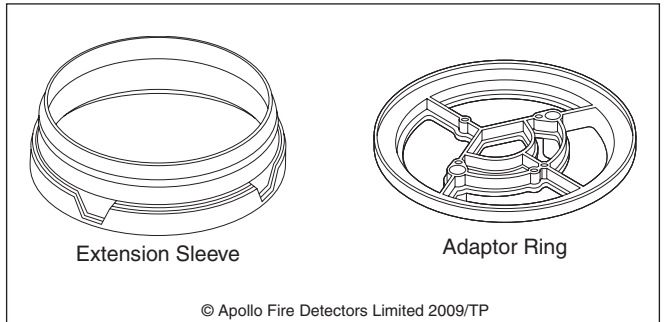


Fig 2 Accessory Kit

Compatibility

The table below shows whether to use only the Mounting Box or, in addition, the Accessory Kit

Product	Use to install	Part numbers
Mounting Box only	All Apollo bases except 45681-321* and those listed below	
Mounting Box and Extension Sleeve	XP95 Deep base XP95 Heater base Orbis Deep base Orbis Heater base	45681-209 45681-219 ORB-MB-00019-APO ORB-HB-00020-APO
Mounting Box and Adaptor Ring	Base sounders Beacon bases Sounder beacon bases	45681-265, 267, 268, 276, 277, 278, 290, 291, 300, 330, 331, 332, 333, 334, 335, 336, 337, 338, 340, 341, 393, 509, 510, 512 and 513

* Isolating base, part no. 45681-321, can not be fitted to the Deckhead Mounting Box.

Mounting instructions

To install Mounting Box

1. Remove required knockouts from the mounting box. Fit glands (with appropriate IP rating) and cables.
2. If using the mounting box with XP95® or Discovery® detector base, set the address on the XPERT card, break off the tab and store it in the recess provided (Fig 1) with the number facing outward.
3. Fit mounting box onto surface.
4. Align the base with the mounting box and secure using the screws provided. Connect wires as per installation instructions for the base.

Note: if using the XP95 Isolating Base, Part no. 45681-284, align the LED with the clear window on the Mounting Box (Fig 1). The LED side wall on the Isolating Base will need to be removed prior to fitting.

To install Mounting Box and Extension Sleeve

1. Follow steps 1–3 above.
2. Offer the extension sleeve up to the mounting box and align the four locking clips. Press the two units together until the clips lock into place.

Do not use excessive force when fitting extension sleeve.

3. Align the base with the mounting box and secure using the screws provided. Connect wires as per installation instructions for the base.

To install Mounting Box and Adaptor Ring

1. Remove required knockouts from the mounting box. Fit glands (with appropriate IP rating) and cables.
2. Fit mounting box onto surface
3. Align the holes on the ring with the mounting box, pass the wire through the adaptor ring (Fig 2) and secure ring into place.
4. Align the base with the mounting box and secure using the screws provided. Connect wires as per installation instructions for the base.