

DATA SHEET - OBSTRUCTION WARNING SYSTEM Vertical < 3m (OWSV-3)

STOCK CODE: 29182 (OWSV-3)
29183 (OWSV-3-BR)

VERSION: Issue B – Feb 2019



OBSTRUCTION WARNING SYSTEM (OWSV-3)

PRODUCT DESCRIPTION

The Obstruction Warning System – FireMaster® Concertina™ (OWSV-3) monitors the opening protected by the fire curtain to ensure it is kept clear from obstruction. If the detection zone is obstructed, a warning device will be activated after 5 minutes. The time period can be adjusted if required.

The OWSV-3 is compatible with both versions of Coopers Fire - Voice Warning Units (VWR and VWC). The Voice Warning unit will play the message “Warning, please remove obstruction” and the message will repeat until the obstruction has been removed.

NOTE: An audio / visual warning device MUST be used with the OWSV-3 to alert the occupants.

SPECIFICATION

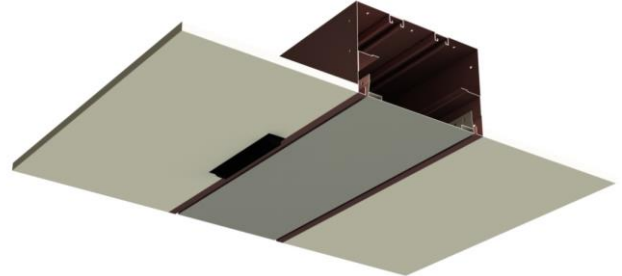
Model	OWSV-3
Supply Voltage	24Vdc
Power	60mA
Output	Relay Contact
Detection Method	Infrared
Dimensions	230w*70h*44d (mm)
IP Rating	54
LED Indicators	Power = GREEN Obstruction = RED
Temperature	-20 to +60°C
Weight	250g
Installation height	2000-3000mm

CONNECTION DETAILS

Black wire	-VE
Red wire	+VE
White wire	COM
Yellow wire	NO
Green wire	NC

INSTALLATION OPTIONS

Ceiling Mount Fix



Parts Required: OWSV-3 (Sensor)
(Stock code 29182)

OWSV-3-BR (Bracket)
(Stock code 29183)



Face Fix



Parts Required: OWSV-3 (Sensor)
(Stock code 29182)

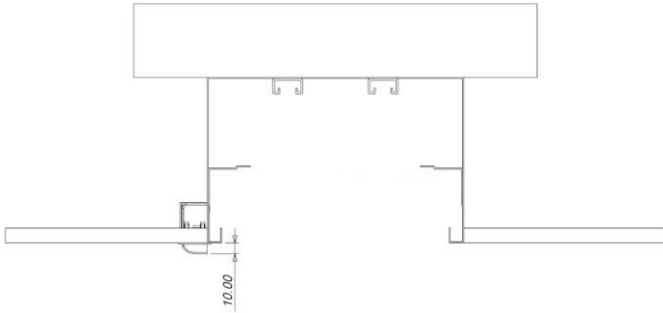


OBSTRUCTION WARNING SYSTEM (OWSV-3)

INSTALLATION DETAILS

Ceiling Mount Fix

The OWSV-3 can be installed flush with a false ceiling as illustrated below. Clamps on the side of the bracket will hold the sensor in position.



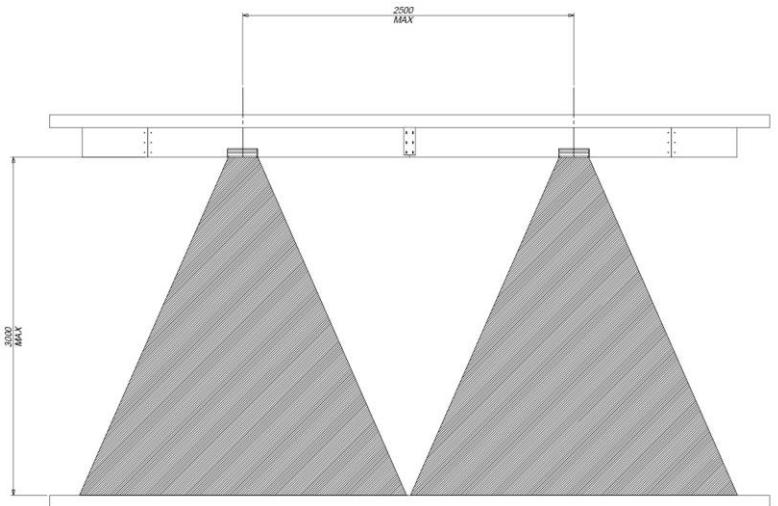
A rectangular cut out of 245mm x 40mm will need to be inserted into the ceiling for the bracket to be fitted.



Installation locations

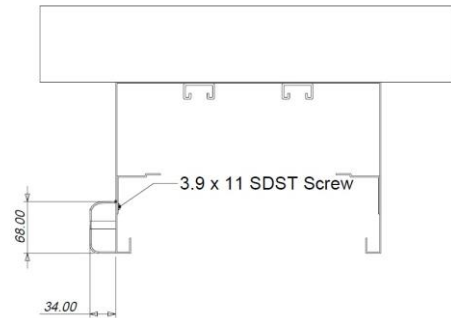
The OWSV-3 should be installed on the outside of the FireMaster® Concertina head box.

The OWSV-3 should be installed at a maximum pitch of 2500mm around the FireMaster® Concertina™ head box and not closer than 1250mm to any angled sections of head boxing.



Face Fix

The OWSV-3 can be installed face fixed to the side of the FireMaster® Concertina head box using two 3.9 x 11 SDST screws as illustrated below.



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