

## Installation Detail

If your proposed installation details differ from that shown here, please discuss this with the authority having jurisdiction, referencing this documentation.

Deviation from this drawing requires approval of the relevant authority.

Connecting ductwork omitted for clarity.  
Ductwork must be independently supported.  
There must be an appropriate break-away joint between the damper and the connecting ductwork on both sides of the installation.

A minimum of 200mm between fire dampers installed in separate ducts and 75mm between fire damper and construction elements/edges needs to be observed unless otherwise specified in the drawing.



SCAN ME

Please refer to the DoP for latest classifications for CE/UKCA compliance and the Installation, Operation and Maintenance Guide

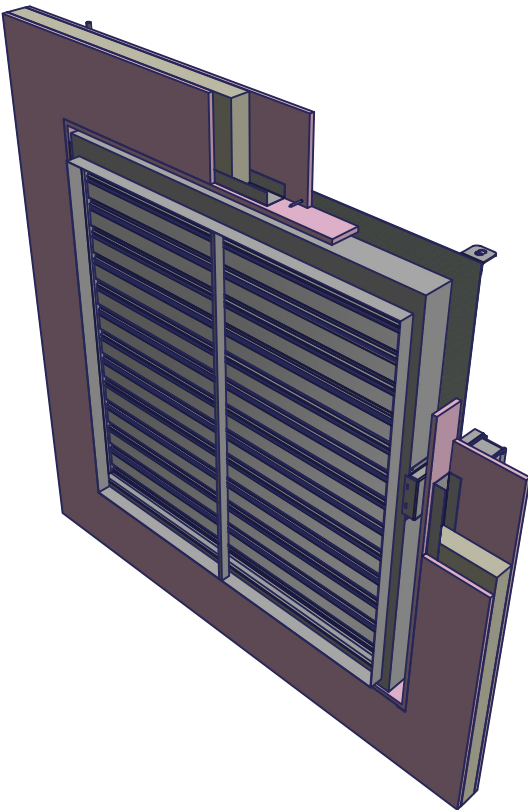
A	Initial Issue	JPM	12/07/22
Rev:	Comments:	By:	Date:
Drawn By:	J.Mount	Date:	16/06/2022
Checked By:	M.Kimberley	Date:	12/07/2022
Approved By:	S.Gore	Date:	12/07/2022

Description:

### VERTICAL APPLICATION SMOKE SHIELD DWFX-F IN PLASTERBOARD WALL

Damper Size Range (mm)  
200 x 200 to 1000x 1000

Reference No:	Sheet	Rev
AAF13412	1 of 1	A



B

A

12.5mm thick gypsum fire boards type F (EN520) all round, fixed with min Ø 4mm drywall screws at least 40mm long (@300 ctrs) into udt52 stud channels

min 75mm wall thickness

Stone wool min 30kg/m³ at least 40mm deep

UDT52 stud channel around perimeter

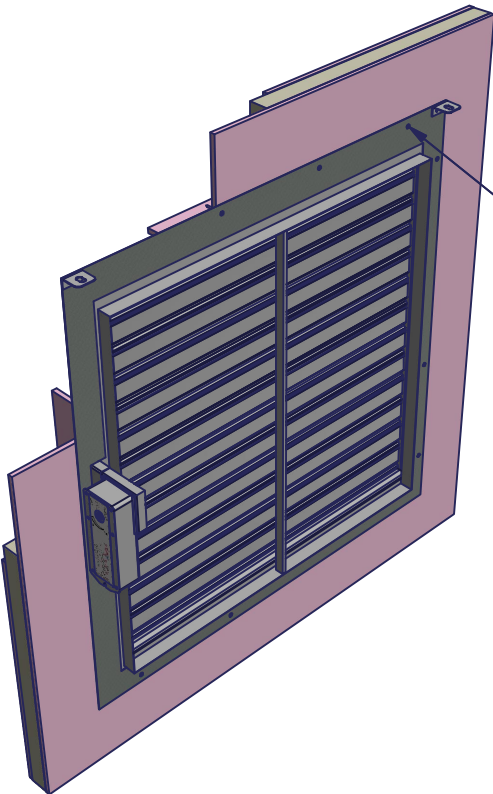
Angle cleats (to aid with installation only)

15mm

DWFX-F Flange (welded to damper casing) fixed with min Ø 4mm drywall screws at least 40mm long (@ 150mm ctrs) into stud channel, all round.

Damper casing

VIEW A



DWFX-F Flange (welded to damper casing) fixed with min Ø 4mm drywall screws at least 40mm long (@ 150mm ctrs) into stud channel, all round.

Interface shroud

12.5 x 75mm gypsum fire boards type F (EN520) to line entire opening fixed with drywall screws into UDT52 section.

12.5mm Gypsum fire boards type F (EN520) both sides

52 Stud channel

Up to 45mm infill  
On actuator side only

VIEW B  
(SIDE DETAIL)