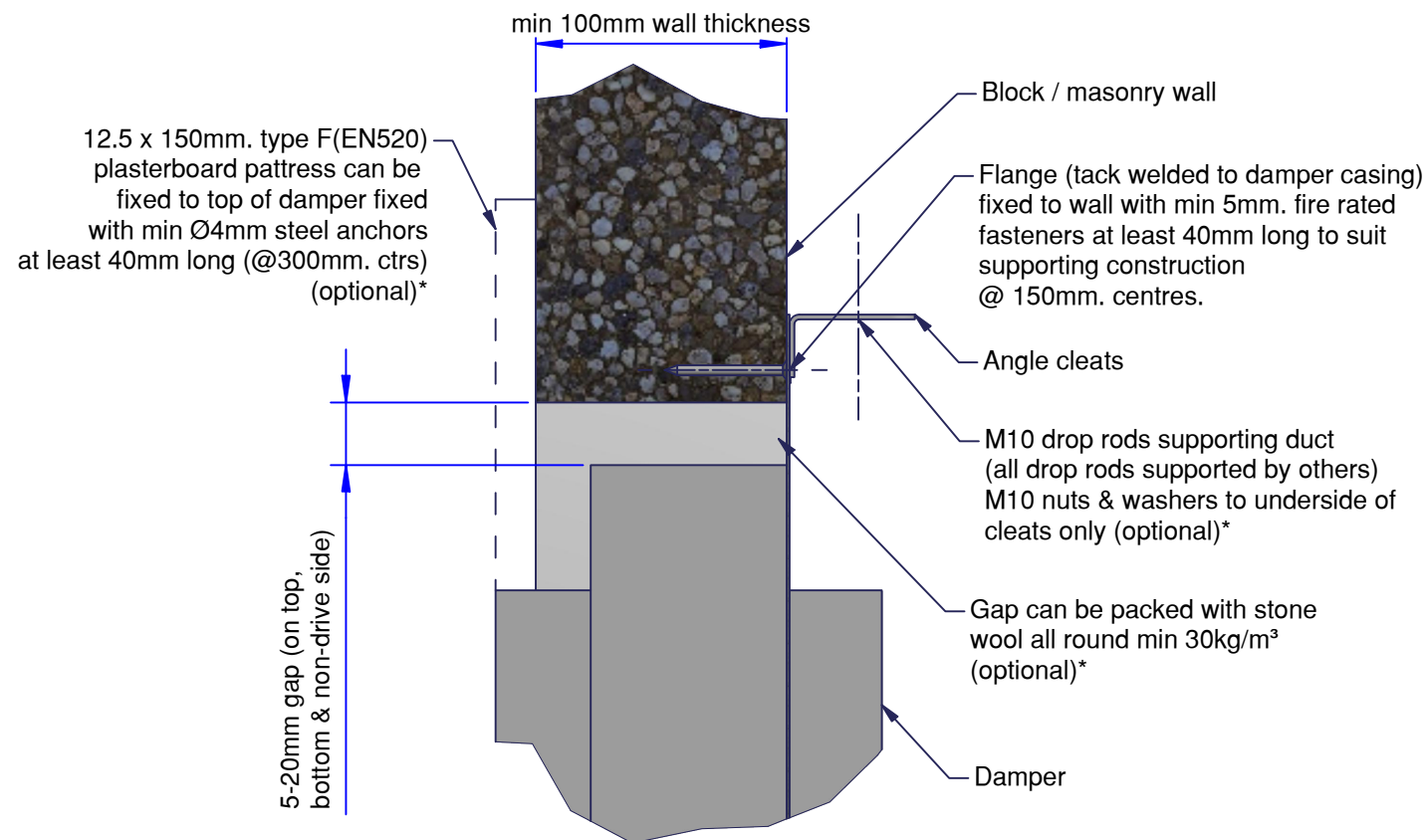
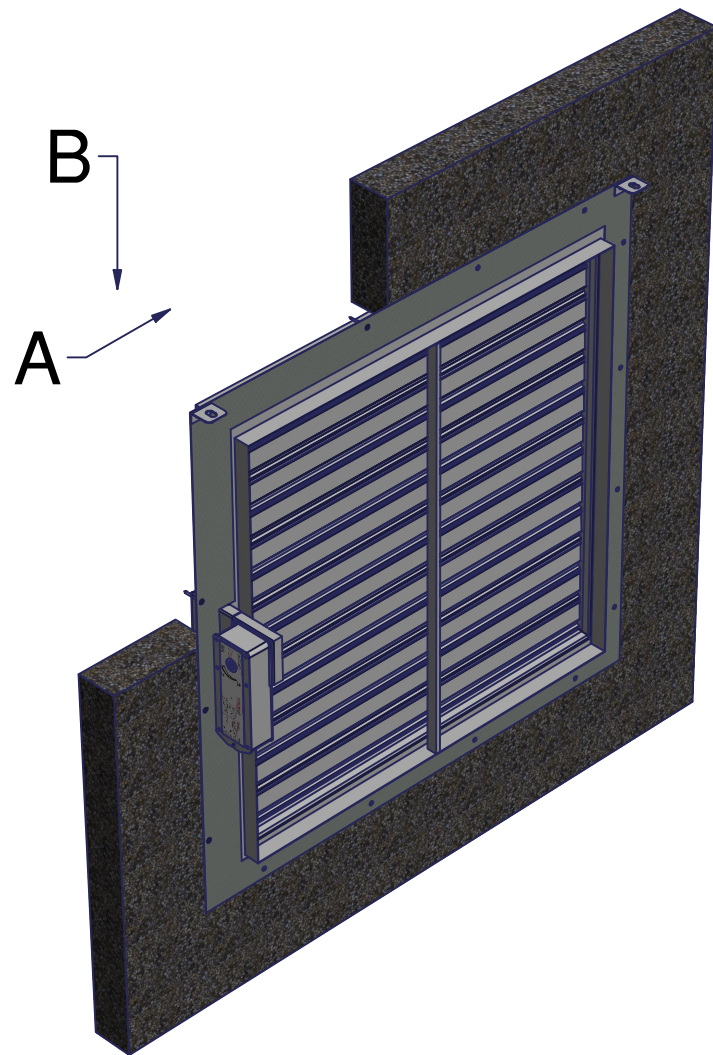


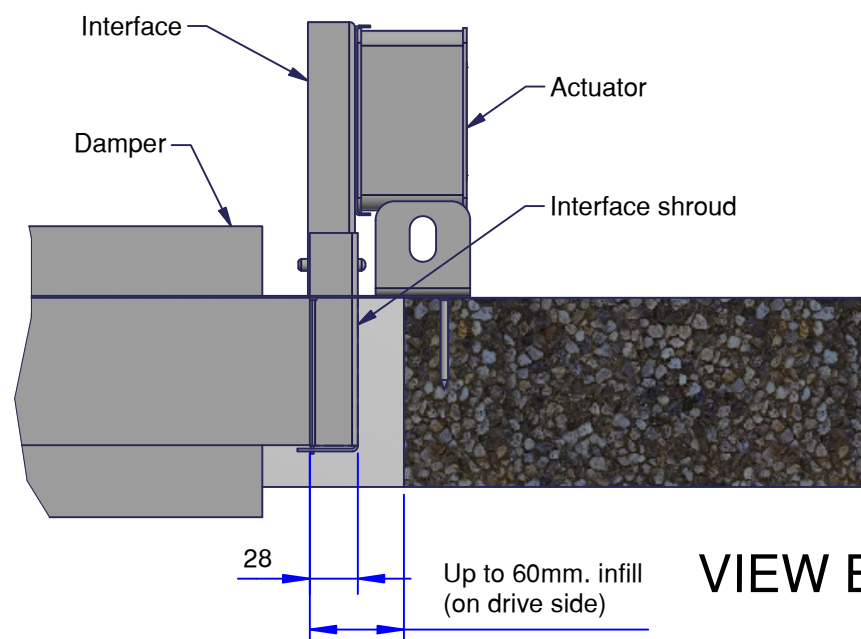


### VERTICAL BLADES;

Damper can be installed with the blades in the vertical orientation with the actuator mounted at either the top or bottom. For cleat locations of motors mounted on top refer to drawing AA-SS-2005 and for motors mounted on the bottom refer to drawing AA-SS-2006.



VIEW A



VIEW B

\*The damper can be installed with or without drop rods as long as the wall is capable of carrying the load of the damper and with or without the pattress as shown.

The penetration seal can be either filled with a stonewool min30kg/m3 or an ablative coated batt as required or can be left unfilled.

Please see drawing AAF12493 page 2 for alternative configurations:



**actionair**

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## 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

B	ECN2227	JPM	29/04/22
A	ECN5134	MJB	05-02-21
	EC1879	MJB	23-08-18
Rev:	Comments:	By:	Date:
Drawn By:	M. Bushell	Date:	21/08/2018
Checked By:	M.Kimberley	Date:	29/04/2022
Approved By:	S.Gore	Date:	29/04/2022

Description:

**VERTICAL APPLICATION**  
**SMOKE SHIELD + DWFX-F WITH**  
**PATTRESS IN MASONRY WALL**

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

Reference No:	Sheet	Rev
AAF12493	1 of 2	B

# 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.

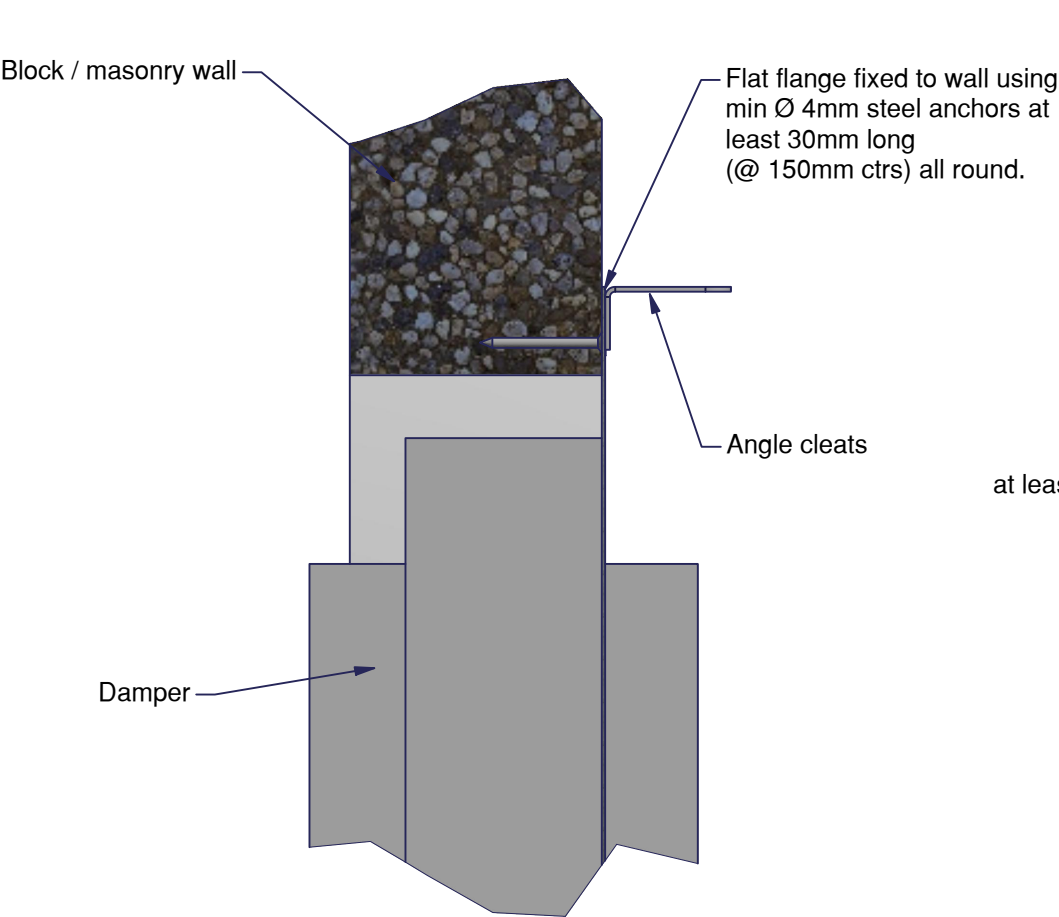


SCAN ME

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

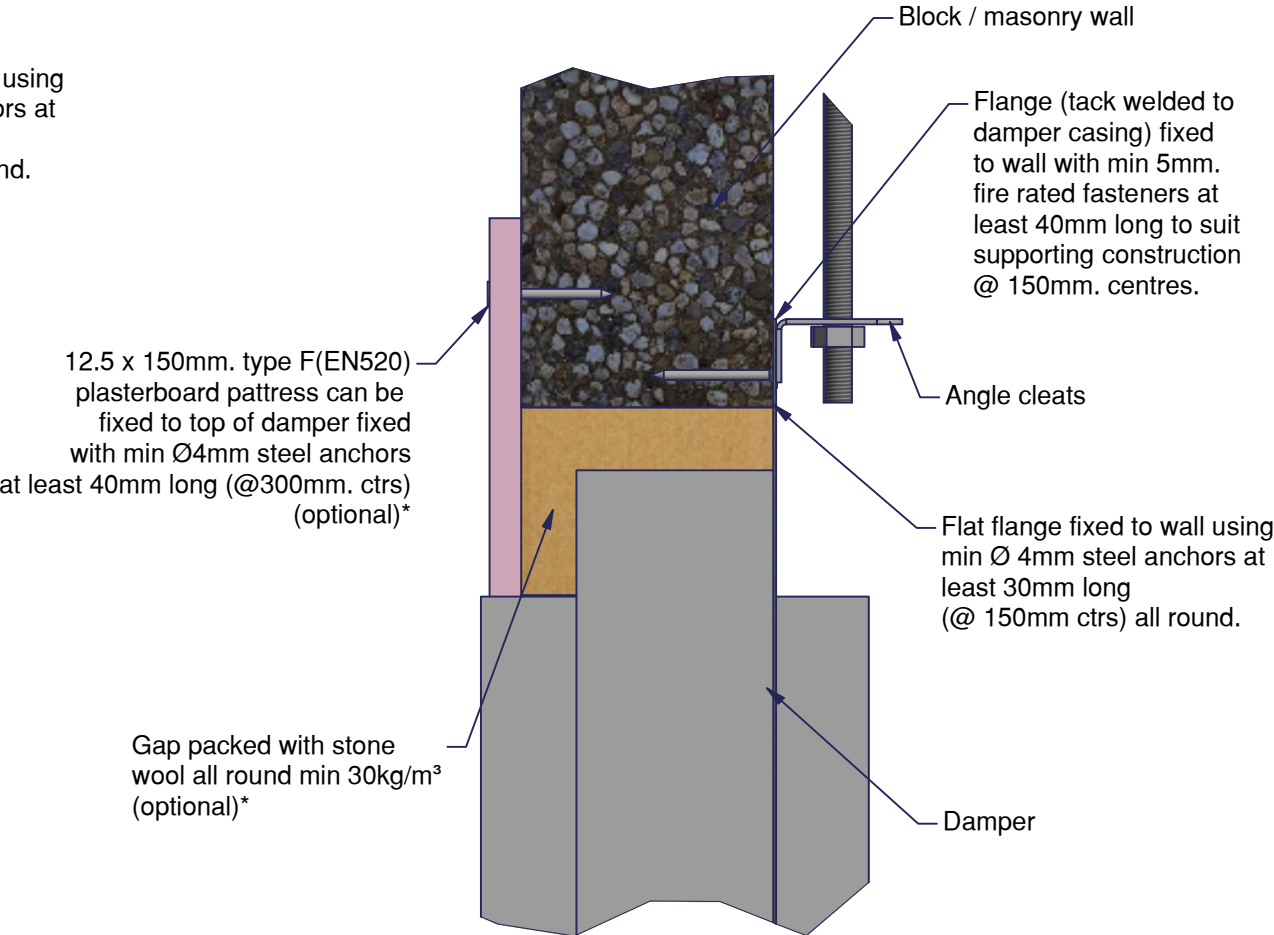
## VIEW 1 Standard Single Side Fix

Pattress ✕  
Insulation ✕  
Droprods ✕



## VIEW 2 Opitonal Elements of Penetration Seal (If required)

Pattress ✓  
Insulation ✓  
Droprods ✓



### Damper Installation Configuration Options

Pattress	Insulation	Droprods
✕	✕	✕
✓	✕	✕
✕	✓	✕
✕	✕	✓
✓	✓	✕
✕	✓	✓
✓	✕	✓
✓	✓	✓

Rev:	Comments:	By:	Date:
Drawn By:	M. Bushell		Date: 21/08/2018
Checked By:	M.Kimberley		Date: 29/04/2022
Approved By:	S.Gore		Date: 29/04/2022

Description:		
VERTICAL APPLICATION		
<b>SMOKE SHIELD + DWFX-F WITH PATGRESS IN MASONRY WALL</b>		
Damper Size Range (mm) 200 X 200 to 1000 x 1000		
Reference No:	Sheet	Rev
AAF12493	2 of 2	B