

# 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

C	ECN2227	JPM	13/04/22
B	ECN1986	MJB	18-03-20
A	ECN1944	MJB	26-07-19
	ECN1938	MJB	01-07-19

Rev: Comments: By: Date:

Drawn By: M. Bushell Date: 12/06/2019

Checked By: Kimberley.M Date: 13/04/2022


Approved By: Gore.S Date: 13/04/2022

Description:

**VERTICAL APPLICATION  
FIRE SHIELD DWFX-F, IN  
MASONRY WALL AGAINST  
SUPPORTING CONSTRUCTION**

Damper Size Range (mm)  
100 x 100 to 1250 x 1000

Reference No: AAF12827	Sheet 1 of 2	Rev C
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Drawing No: <b>AAF12827</b>	Sheet <b>2 of 2</b>	Rev <b>C</b>	 Third Angle Projection	<b>A3</b>
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All dimensions in mm. **Do NOT** scale from drawing. If in doubt **ASK!**

**actionair**  
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**Assembly Notes**

Part No:  
Est Weight: 5.982 kg

Drawing notes & limits (unless otherwise stated)

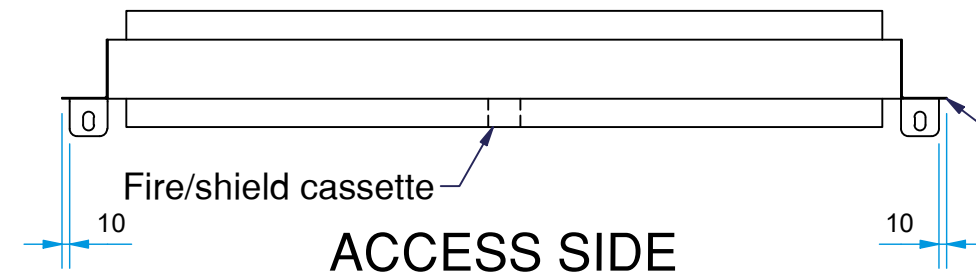
No Decimal:	± 1.00mm
One Decimal:	± 0.50mm
Two Decimals:	± 0.25mm
Three Decimals:	± 0.10mm
Angles:	± 2.00 degrees

Critical dims and features shown in red and enclosed in box

**Manufacturing Detail****Notes**

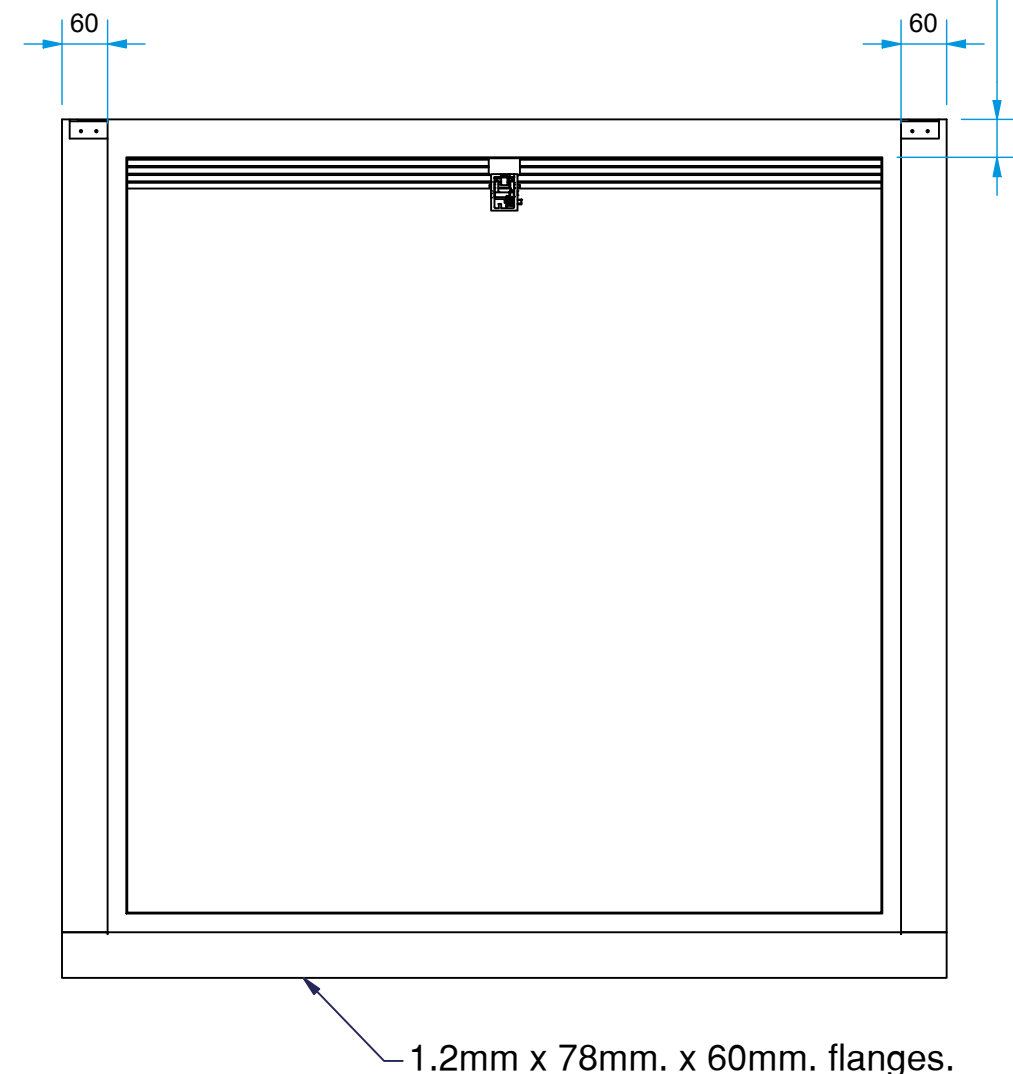
- Angle flanges on access side.
- 1.20mm x 60mm. x 78mm, (m/stl galv.) flange to damper casing welds must be 6-10mm stitch welds, 125mm (max) centres.
- Two cleats welded to side angles as shown.

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Checked By:	Kimberley.M	Date:	13/04/2022
Approved By:	Gore.S	Date:	13/04/2022
Product:	FS		
Client:	SAML		
Project:	N/A		
Description:	FS damper manufacturing detail for DWFX-F installation in a masonry/block wall against a supporting structure		
Drawing No:	AAF12827	Sheet	2 of 2
		Rev	C

**NON-ACCESS SIDE****ACCESS SIDE**

Three flange faces flush with damper case

25 for 100 - 249 high damper  
50 for 250 - 624 high damper  
75 for 625 - 850 high damper  
100 for 851 - 1000 high damper

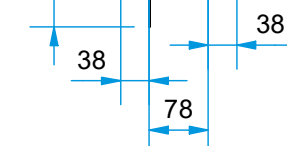


Two cleats (SF028)

All four corners to be fully welded to the damper case

**NON-ACCESS SIDE**

60 flange on 3 sides

**Detail A**