

26SCD SMOKE CONTROL DAMPER

Declaration of Performance (DoP)

Complying with the Construction Product Regulations 2020, UK Statutory Instruments 2020 No. 1359 of Ministry of Housing, Communities and Local Government.



INTENDED USE	Smoke Control Damper for multi-compartments
HARMONISED STANDARD	BS EN 12101-8:2011
MANUFACTURER	Advanced Air (UK) Ltd Burrell Way, Thetford, Norfolk IP24 3QU Email projects@advancedair.co.uk Web www.advancedair.co.uk Tel 01842 765 657
SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE	System 1
NOTIFIED BODY	The notified body 0832 – BRE carried out the initial inspection of the manufacturing plant and of the production control as well as the continuous surveillance and evaluation of the factory production control according to System 1 of the Construction Products Regulation.
CERTIFICATE OF CONSTANCY OF PERFORMANCE	0832-UKCA-CPR-P1004 issued on 12 th November 2021.

CONSTRUCTION PRODUCT		SMOKE CONTROL DAMPER		
Intended Use	Smoke Control Damper that are to be used in smoke control systems, in multi-compartment applications, either up to 600°C or at fire temperatures.			
ESSENTIAL CHARACTERISTICS	REQUIREMENT CLAUSES IN BS EN 12101-8	PERFORMANCE LEVEL ACHIEVED	NOTES	
Nominal activation conditions/sensitivity	4.2.1.3	Pass	Automatic Activation	
Response delay time	4.2.1.4	Pass	Automatic Activation	
Operation reliability	4.3.2.2	Pass	Cycles – 300, 10,000 & 20,000 Modulating	
FIRE RESISTANCE				
-Integrity	4.1.1 (a)	E	120 minutes	
-Insulation	4.1.1 (b)	NPD	No Performance Declared	
-Smoke leakage	4.1.1 (c)	ES	120 minutes	
-Mechanical stability (under E)	4.1.1 (d)	Pass		
-Maintenance of cross section (under E)	4.1.1 (e)	Pass		
-High operational temperature	4.1.1 (f)	NPD	No Performance Declared	
DURABILITY				
-of response delay	4.4.2.1	Pass		
-of operation reliability	4.4.2.2	Pass		

Signed on behalf of Advanced Air (UK) Ltd:

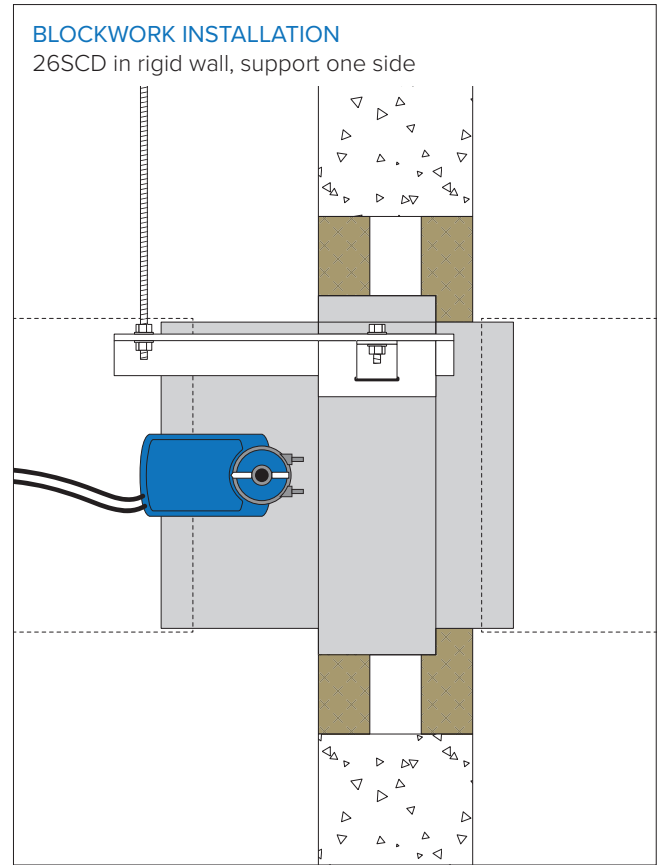
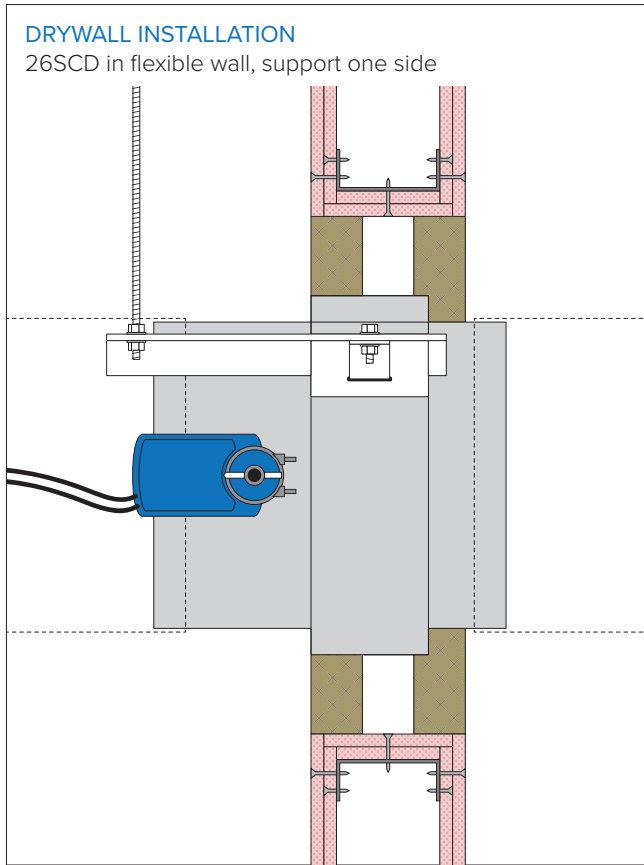
Andrew Sargent
General Manager
12th November 2021



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26SCD IN 2 HOUR WALL – FLEXIBLE CONSTRUCTION WITH AFS BRACKETS, SUPPORT ON ONE SIDE

Size	Installation method	Supporting construction	Report no.	Test	Performance classification
Up to 1,000 x 1,000mm Single section	AFS	Flexible wall Type A, B & C Minimum 122mm thickness	2019-Efectis-R000824	BS EN 1366-2	E120 (Vedw i↔o) S500 C₃₀₀ AA Multi E120 (Vedw i↔o) S500 C₁₀₀₀₀ AA Multi E120 (Vedw i↔o) S500 C_{Mod} AA Multi
			2020-Efectis-R000602	BS EN 1366-2	
			EFR-19-H-000789-A	BS EN 1366-10	
			EFR-19-H-000789-B	BS EN 1366-10	

26SCD IN 2 HOUR WALL – RIGID CONSTRUCTION WITH AFS BRACKETS, SUPPORT ON ONE SIDE

Size	Installation method	Supporting construction	Report no.	Test	Performance classification
Up to 1,000 x 1,000mm Single section	AFS	Rigid wall Minimum 122mm thickness	2019-Efectis-R000824	BS EN 1366-2	E120 (Vedw i↔o) S500 C₃₀₀ AA Multi E120 (Vedw i↔o) S500 C₁₀₀₀₀ AA Multi E120 (Vedw i↔o) S500 C_{Mod} AA Multi
			2020-Efectis-R000602	BS EN 1366-2	
			EFR-19-H-000789-A	BS EN 1366-10	
			EFR-19-H-000789-B	BS EN 1366-10	

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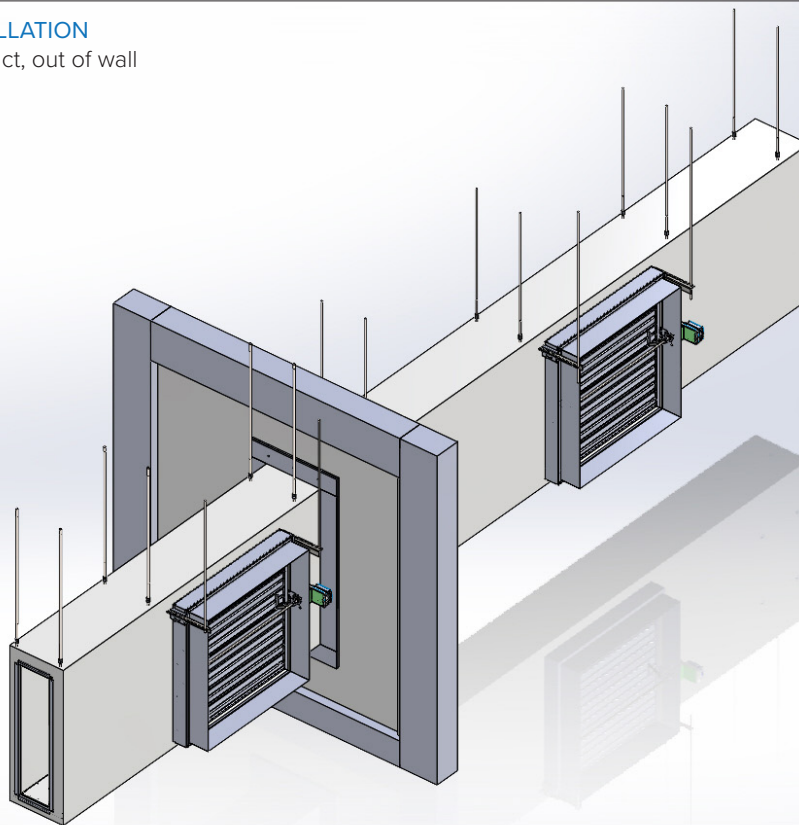
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OUT OF WALL INSTALLATION

26SCD mounted in duct, out of wall



26SCD MOUNTED IN DUCT, OUT OF WALL

Size	Installation method	Supporting construction	Test report	Test	Performance classification
Up to 1000 x 1000mm Single section	AFS	Fitted to duct, out of wall	EFR-21-J-002905 RE	BS EN 1366-10	E120 (Vedw i↔o) S500 C₃₀₀ AA Multi E120 (Vedw i↔o) S500 C₁₀₀₀₀ AA Multi E120 (Vedw i↔o) S500 C_{Mod} AA Multi

OUT OF WALL INSTALLATION

26SCD mounted in duct, out of wall

