

IBD-FS – Fire & Leakage Rated Dampers

Holyoake IBD – FS ‘Fire Seal’ Curtain-type fire and leakage rated dampers are designed to maintain the integrity of the fire resistance of a wall, in which a hole has been formed to permit the passage of air, ducted or otherwise, to enable an air distribution system to function; whilst minimizing the impedance of fire and/or smoke and other toxic gasses.

The arrangement of interlocking galvanised steel blades and stainless steel side seals, mounted in a galvanised steel guide channel frame, minimizes space requirements and facilitates ease of installation in ductwork.

The IBD-FS fire and leakage rated damper has been tested in accordance with AS 1530.4 - 2014 and comfortably passed the leakage integrity rates of 11.6.2.1, which are based on the European ISO Standard 10294-1 ‘E’ Classification.

All Holyoake Series IBD - FS units carry up to a 4 HOUR rating, as determined by the following testing Authority.

Fire Rating:

Tested in accordance with Standard AS 1530.4 – 2014, integrity was maintained for in excess of 4 hours. For the purposes of the Australian and New Zealand Building Code they have a F.R.L./F.R.R. of –/240/–.

• Exova Warringtonfire

Fire Test Certificate No. SFC 2358000.5.

IBD - FS Damper mounted in a 140 mm thick masonry wall.

[Certified for 240 minute fire rating].

• Exova Warringtonfire

Fire Test Assessment Report Certificate No. SFC 24105 – 10A.

IBD - FS Damper mounted in 90, 96 or 103 mm thick steel, or timber framed plasterboard wall.

[Certified for 60, 90 and 120 minute fire rating].

• Exova Warringtonfire

Fire Test Assessment Report Certificate No. SFC 24105 – 10B.

IBD - FS Damper mounted in a 110 mm thick solid masonry, or concrete wall,

[Certified for up to 120 minute fire rating].

Or,

IBD - FS Damper mounted in a 140 mm thick hollow masonry, or concrete wall.

[Certified for up to 240 minute fire rating].

• Exova Warringtonfire

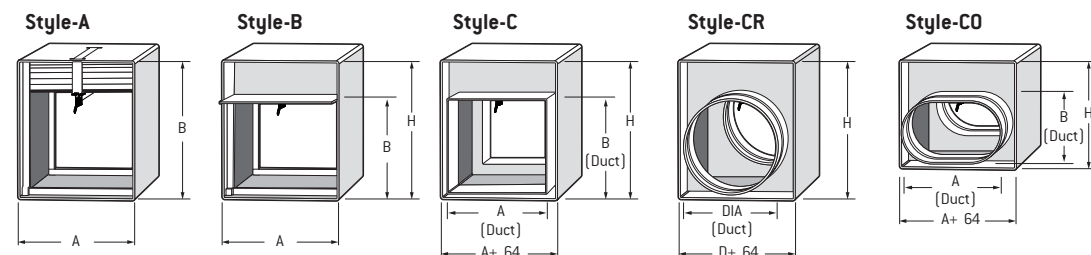
Fire Test Assessment Report Certificate No. SFC 24105 – 10C.

IBD - FS - H Damper mounted in a 120 mm thick solid concrete slab.

[Certified for up to 240 minute fire rating].

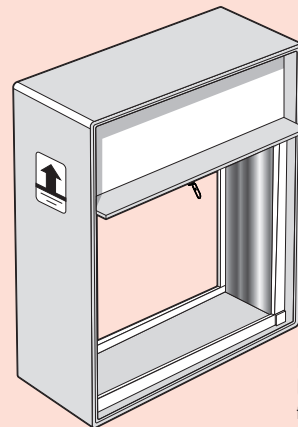
[Certificates are available upon request].

Duct Connection:



Single Section Maximum Dimensions

Duct Connection Style	A		B		C		CR	CO	
Maximum Dimensions Available	A	B	A	B	A	B	D	A	B
Vertical or Horizontal	1200	1200	1200	1046	1136	1014	1014	1136	1014



THIS WAY UP
WARNING
DO NOT FIX
IN CENTRE TRACK

Model: **IBD-FS-B Illustrated**
(Mounting Sleeve Omitted for Clarity)

Standard Construction

Frame: 110 mm x 1.2 mm galvanised steel, roll formed guide channel.

Blades: 70 mm x 1.0 mm galvanised steel, roll formed Interlocking profile.

Seals: Blade End: stainless steel both sides.

Fusible Links: ‘Safe Test’ Test Latch Model IBD-TL fitted as standard. with 71° C Fusible Link

See page 345H for more details.

[Other ratings available on request].

Please contact your local Holyoake branch.

Mounting: Vertical (wall) or Horizontal (floor).

Alternate

Activation:

Electro Thermal Resettable Link.

This device can be activated by smoke detectors of compatible design, (supply and fit by others). This can be linked to a BMS system to further speed up the initiation of a buildings fire dampers. For smoke damper applications see the HCD elevated temperature smoke damper range on pages 328 - 329H.

Mounting

Sleeves:

Series IBD-FS fire and leakage rated dampers must be installed in their factory fitted mounting sleeves.

Stainless

Steel:

Construction in Stainless Steel is available for the IBD-FS.

No specific test certification is available for this option.

Mounting Sleeve omitted for clarity.

