



BULLOCK MFG Pty Ltd.

Model 4800
Multi-Blade Fire Damper

Product Description

The Model 4800 Multi-blade Type Fire Damper is designed to stop materials of combustion (fire) passing through air-conditioning and ventilation systems which penetrate fire rated masonry walls or concrete slabs, This Model complies with AS1668.1 and AS1682.1 and has been tested and certified by the C.S.I.R.O. for a 4 hour fire rating (FRL).



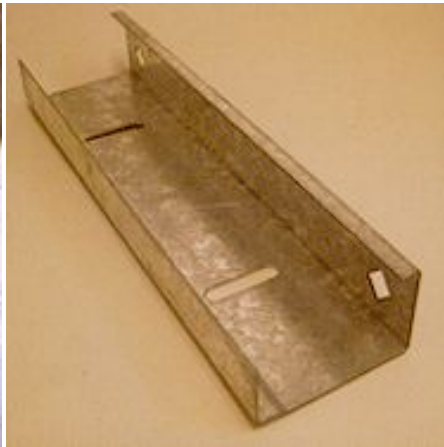
Model 4800/S multi-blade slab type fire damper with patented 4hr FRL blade supports.

Product Features

- Australian certified to AS1530.4-1997. by the C.S.I.R.O. in:
 - a) Masonry wall for 4 hour FRL - Sponsored investigation # 569.
 - b) Concrete slab for 4 hour FRL - Sponsored investigation # 855.
- All Galvanised steel construction or stainless steel construction complying with AS1682.1.
- Single use Brass fusible link 68 Degree C.
- High yield stainless steel springs and blade pivots.
- Brass blade bushes.
- Optional Metal Expansion Gap Seals available for a factory set compliant expansion gap.
- Optional flange channels to suit TDF, TDC, Engelmate and Duct-mate flanging systems (Note: Bolts are to be made of low melting point material.).
- Manufactured sizes from 100mm x 100mm up to 3600mm x 3600mm in square/ rectangular and 100mm diameter up to 1200mm diameter.



Blade Linkages.



Flange channels.



Expansion Gap seals.

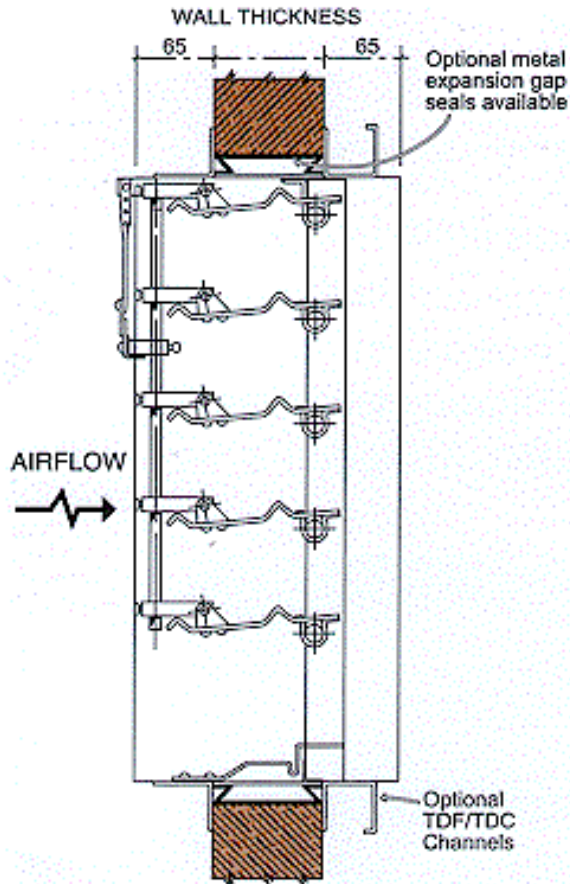
Optional Extras

- Metal Expansion gap seals allow the damper to be installed insitu with a factory controlled expansion gap (AS1682.2-1990.) This means no added installation or inspection costs plus the elimination of health hazardous high temperature fibre wraps. (Australian patent - #624288).
 - Channel Flanges compatible with market available TDF, TDC, Engelmate or Duct-mate duct flanging systems in sizes 25mm, 35mm or 50mm profiles.
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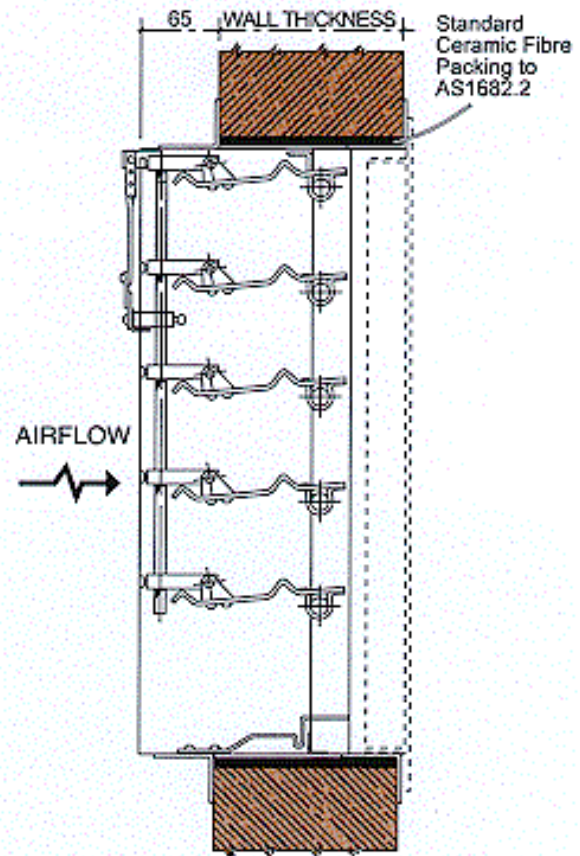
Models Available - Wall Type

Three Wall Mounted Models are available

- D - Type 1. Duct to Duct. (Min 110mm Wall)
- GS - Type 2. Duct to Grille. (Min 110mm Wall)



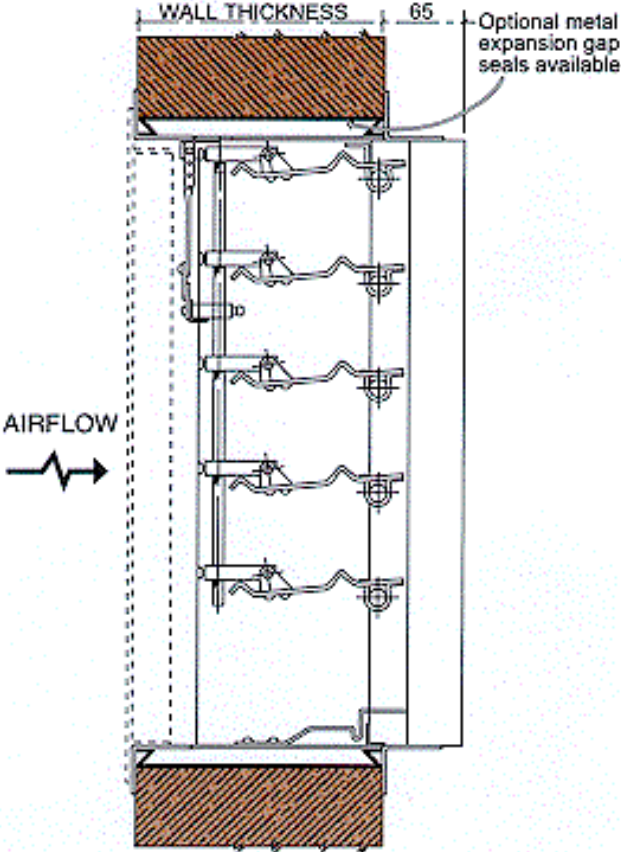
D - Type 1
Duct to Duct.
(Min 110mm Wall)



GS - Type 2
Duct to Grille.
(Min 110mm Wall)

Models Available - Wall Type

- GR - Type 3. Grille to Duct. (Min 240mm Wall)



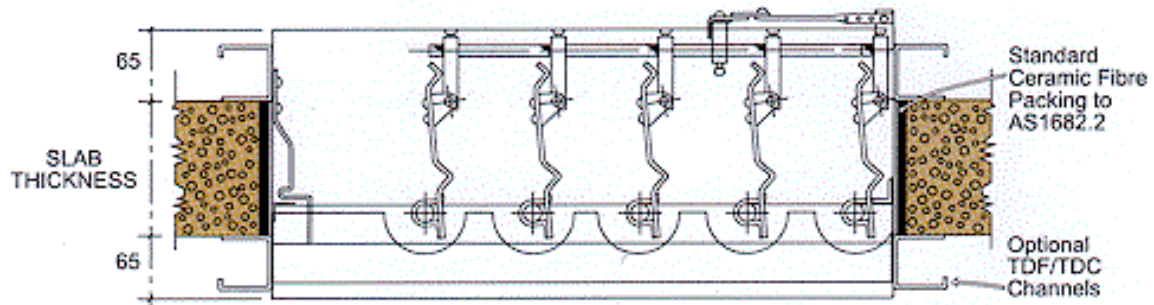
GR - Type 3

Grille to Duct.
(Min 240mm Wall)
Energy Australia Model.

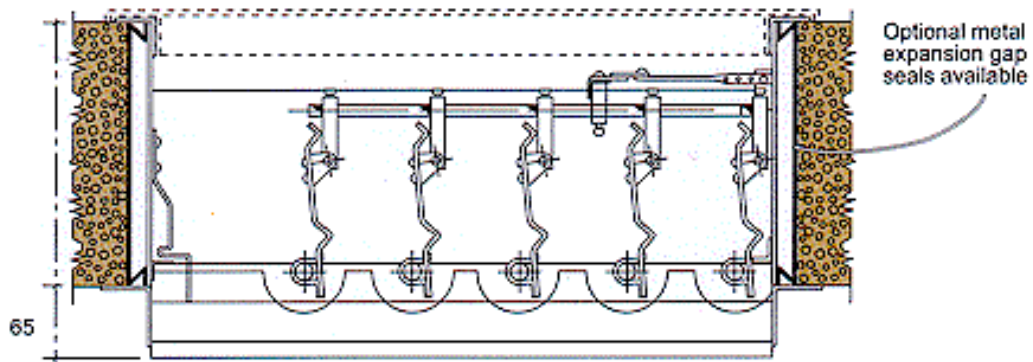
Models Available - Slab Type

Three Slab Models are available

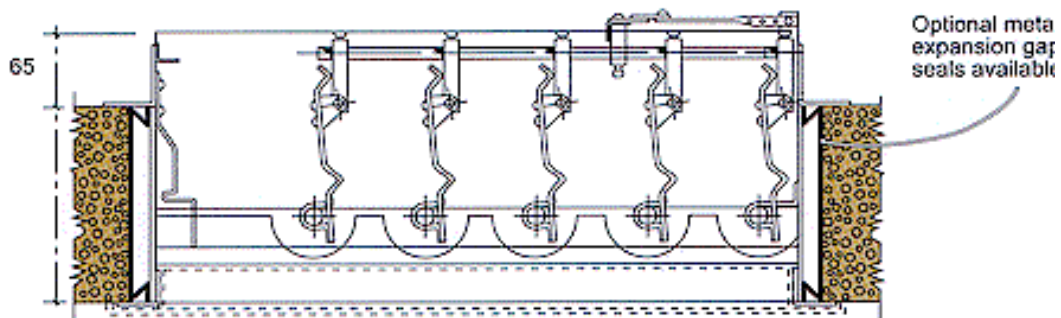
- D - Type 4. (Min 100mm Slab)
- GS - Type 5. (Min 260mm Slab)
- GR - Type 6. (Min 1000mm Slab)



D - Type 4
(Min. 100mm Slab)



GS - Type 5
(Min. 260mm Slab)



GR - Type 6
(Min. 1000mm Slab)

Installation and Maintenance

Installation of this product is critical. Refer to separate manufacturers installation instructions. Maintenance to AS1851.6 shall be complied with, refer to this standard for detailed servicing procedures. Please refer to installation Page.

Typical Specification

"Openings in fire rated walls or slabs shall be protected by a Bullock Model 4800 multi-blade fire damper or approved equivalent, Dampers shall be provided where shown on drawings and wherever required to meet local regulations and must comply with the certificates of test furnished by the manufacturer.

The damper's construction must be in compliance with the tested prototype. The body being made galvanised steel and any exposed welds to be coated with cold zinc primer type paint to prevent rusting. The damper body must be design engineered for strength and rigidity to reduce the chances of operational damage during transport and/or site installation.

The damper's expansion gap shall be constantly maintained with the use of Bullock manufacturing's metal expansion gap sealing system, complying with AS1682.1 or approved method, Fusible links are to operate at 68 Degree C., or have a AS1890 rating."

Specifications subject to change without notice.

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