



BULLOCK

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 multiblade slab type fire damper with patented 4 hr FRL blade supports

BULLOCK MFG P/L

22 Pike Street,
RYDALMERE NSW 2116
P:9684 1311 F:9684 2250
sales@bullockmfg.com.au

BULLOCK INDUSTRIES P/L

26 Quindus Street,
WACOL QLD 4076
P:3271 2088 F:3271 1892
reception@bullockqld.com.au

BULLOCK SA P/L

1 Commercial Court,
DRY CREEK SA 5094
P:8349 7088 F:8349 7066
scott@bullocksa.com.au

BULLOCK VIC P/L

54 Tarnard Drive,
BRAESIDE VIC 3195
P:9587 5522 F:9587 6622
admin@bullockvic.net.au

BULLOCK WA P/L

34 Industry Street,
MALAGA WA 6062
P:9248 1633 F:9248 1733
reception@bullockwa.com.au

For Further Information
Please Contact your
Local Representative or
Visit our Website.

www.bullockmfg.com.au

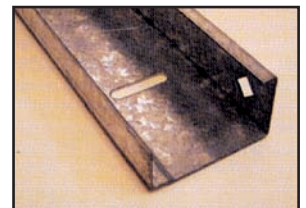
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MODEL FEATURES

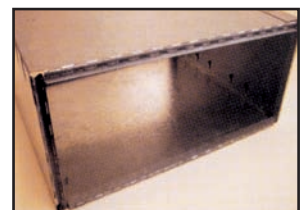
- Australian certified to AS1530.4-1997. by the C.S.I.R.O. in:
 - a) Masonry wall for 4 hour FRL -- Sponsored investigation # -569.
 - b) Concrete slab for 4 hour FRL - sponsored investigation # - 855.
- All galvanised steel construction or Stainless steel construction complying with AS 1682.1.
- Single use brass fusible link 68 Degree Celsius.
- High yield stainless steel springs and blade pivots.
- Brass blade bushes.
- **Optional** Metal expansion gap seals allow the damper to be installed insitu with a factory controlled expansion gap (AS 1682.2-1990.) This means no added installation or inspection costs plus the elimination of health hazardous high temperature fibre wraps. (Australian patent - #624288.)
- **Optional** Channel flanges compatible with market available TDF, TDC, Engelmate or Duct-mate duct flanging systems in sizes 25mm, 35mm or 50mm profiles.
(Note: Bolts are to be made of a 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

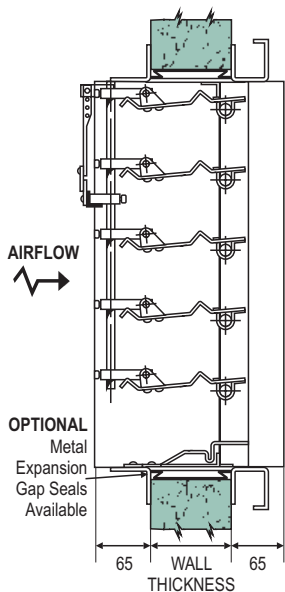
INSTALLATION and MAINTENANCE

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.

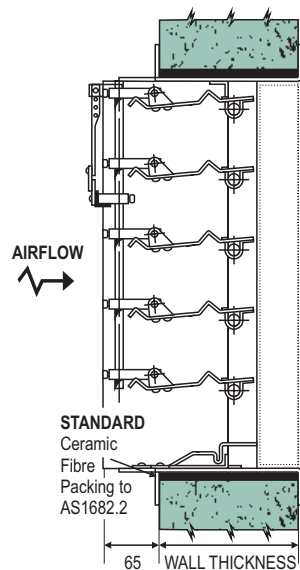
Australian Owned - Australian Made



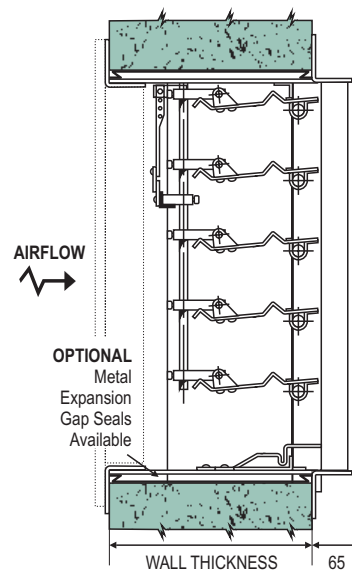
WALL MODELS AVAILABLE



D-TYPE 1
DUCT to DUCT
Minimum 110mm Wall



GS-TYPE 2
DUCT to GRILLE
Minimum 110mm Wall



GR-TYPE 3
GRILLE to DUCT
Minimum 240mm Wall
ENERGY AUST. MODEL

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 AS1682.1 and AS1668.1-1998.

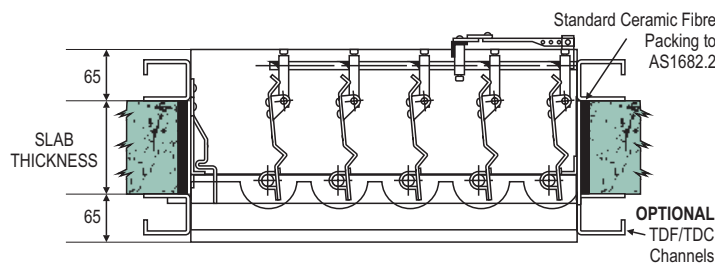
Dampers shall be installed in strict accordance with the manufacturer's installation instructions, to comply with certificates of test furnished by the manufacturer.

The damper's construction must be in compliance with the tested prototype. The body being made with galvanise 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.

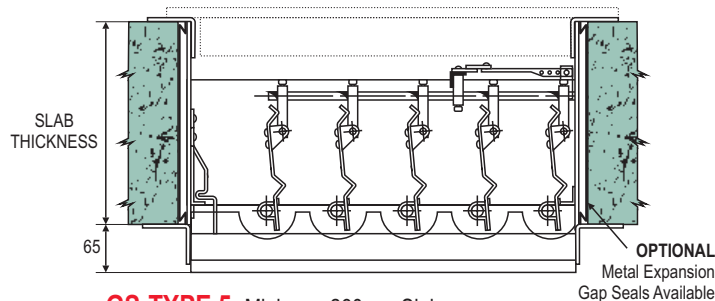
The damper's expansion gap shall be constantly maintained with the use of Bullock manufacturing's **metal expansion sealing system**, complying with AS1682.1 or approved method. Fusible links are to operate at 68 Degree C., or have an AS1890 rating."

For further information please contact your local representative. Specifications subject to change without notice

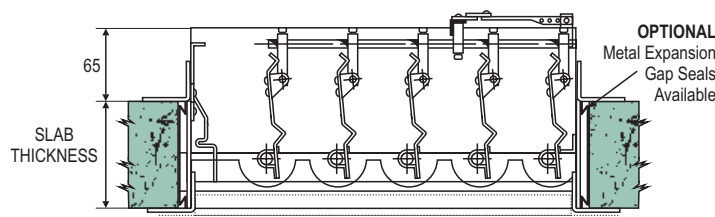
SLAB MODELS AVAILABLE



D-TYPE 4 Minimum 100mm Slab



GS-TYPE 5 Minimum 260mm Slab



GR-TYPE 6 Minimum 100mm Slab

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