



BULLOCK



TYPICAL SPECIFICATIONS

Openings in fire rated walls or slabs shall be protected by a Bullock Model 4900 curtain type fire damper or approved equivalent. Dampers shall be provided where shown on drawings and wherever required to meet local regulations and must comply with AS1682.1-1990 and AS1668.1-1998.

Dampers shall be installed in strict accordance with the manufacturer's installation instructions, to 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 with galvanised steel with any welds coated with cold zinc primer type paint to prevent rusting. The damper body must be strong and rigid to prevent operational damage during transport and/or installation on site.

The dampers expansion gap must be constantly maintained with the use of Bullock Manufacturing's metal expansion gap sealing system, complying with AS1682.2-1990 or an approved equivalent. Fusible links are to operate at 68°C having a UL33 rating or AS1890 rating.

INSTALLATION

Compliance with installation instructions is critical. Refer to separate wall/slab type installation instructions to suit your requirements.

MAINTENANCE

This model requires little maintenance once installed. Refer to AS1851.6-1997 for detailed servicing procedures.

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CURTAIN TYPE FIRE DAMPER

MODEL 4900

PRODUCT DESCRIPTION

The **Bullock Model 4900 Curtain Type Fire Dampers** are installed to protect airconditioning and ventilation penetrations through fire rated walls or slabs.

This Model Damper has been tested for 4 hours in a masonry wall and concrete slab and 2 hours in a steel stud plasterboard wall.

Certified by the CSIRO for these ratings, this model complies with AS1668.1-1998 and AS1682.1-1990.



Model 4900 Curtain Type Fire Damper

**MANUFACTURERS OF FIRE DAMPERS, VOLUME DAMPERS, ACCESS DOORS
AND HARDWARE FOR THE AIRCONDITIONING INDUSTRY**

Australian Owned - Australian Made



BULLOCK



FEATURES

- Australian Tested to AS1530 by C.S.I.R.O in:
 - a) Masonry walls for 4 hours. Sponsored investigation FSV0094
 - b) Concrete slabs for 4 hours. Sponsored investigation no. 1864
 - c) Steel stud plasterboard partition for 2 hours. See Wall manufacturers instructions
- All galvanised steel construction
- Single (UL33 rated) fusible link
- Readily available sizes:
 - wall type 150mm x 150mm up to 4800mm x 4800mm
 - slab type 150mm x 150mm up to 750mm x 750mm (contains 2 x 301 S/S conforce springs)
- Optional TDF/TDC type flanges available for 1 x leakage/breakaway point (Low melting point bolts to be used)
- Optional metal expansion gap seals available for a factory set 10mm expansion gap

METAL EXPANSION GAP SEALS

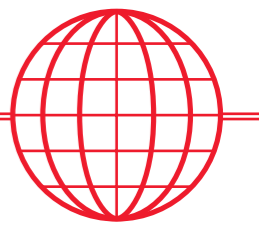
Optional metal expansion gap seals are also available on model 4900 Bullock Fire Damper. Metal seals allow the damper to be installed insitu with a controlled **10mm** expansion gap (AS1682.2-1990). This means no installation or inspection costs plus the elimination of health hazardous fibers. (Aust Patent #-624288)



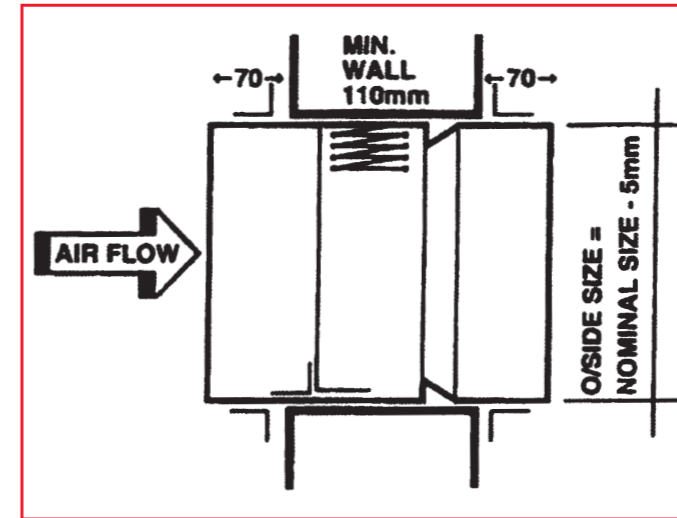
Model 4900 Metal expansion gap seals



BULLOCK



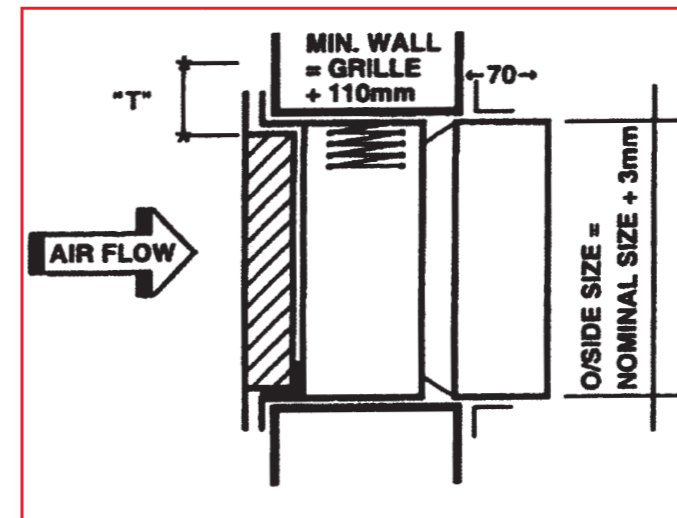
MODELS AVAILABLE



STYLE D DUCT-TO-DUCT

Order should read as follows:
Width (blade length) x Height x Wall thickness. Minimum wall thickness 110mm.

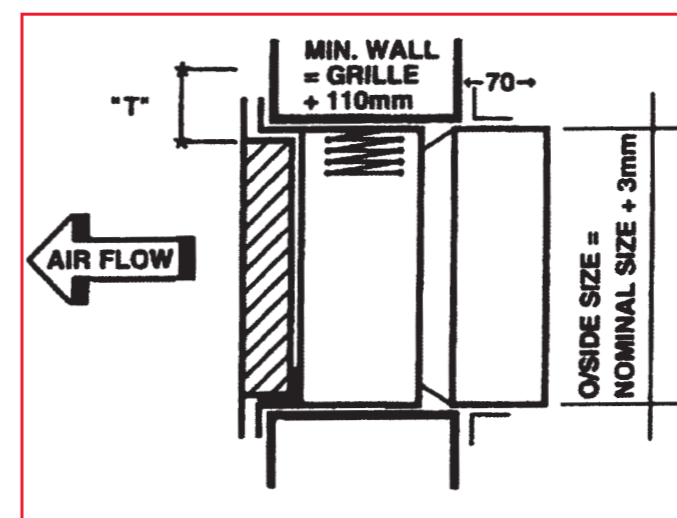
Flange Sizes are as follows:
Sizes under 1200 x 1200 = 30mm
Sizes over 1200 x 1200 = 50mm



STYLE GR GRILLE-TO-DUCT

Order should read as follows:
Width (blade length) x Height x Wall thickness x Depth of recess for Grille x Flange. Minimum wall thickness 130mm.

Minimum flange size "T"
(max W or H / 100) + 10.
Refer AS 1682.2-1990. Appendix C.



STYLE GS DUCT-TO-GRILLE

Order should read as follows:
Width (blade length) x Height x Wall thickness x Depth of recess for grille x Flange. Minimum wall thickness 110mm.

Minimum flange size "T"
(max W or H / 100) + 10.
Refer AS 1682.2-1990. Appendix C.