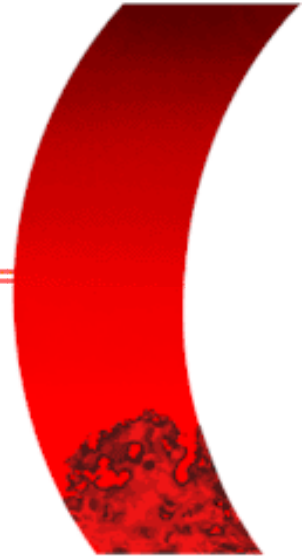




BULLOCK MFG Pty Ltd.

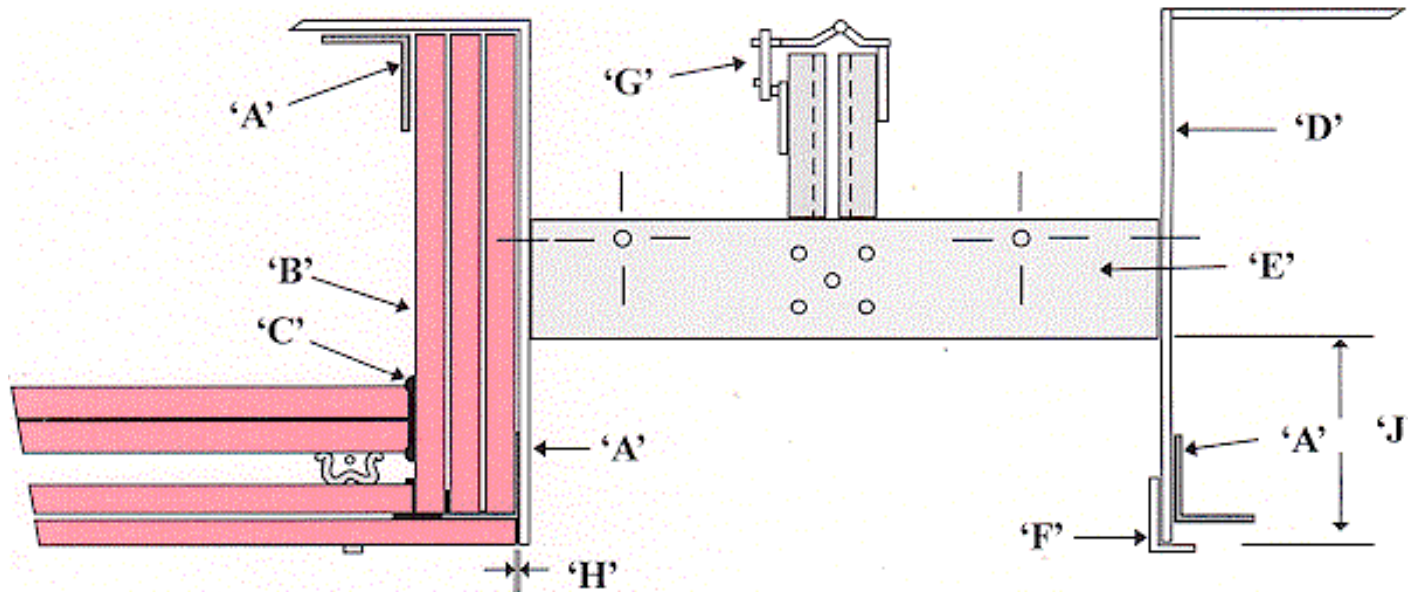
Model 5691

Ceiling Radiation / Fire Damper



Installation Instructions - 2 Hour Fire Rated Ceiling

1. INITIAL DAMPER TEST - Before installing damper into plenum, check damper closing operation. This can be achieved by sliding the closed damper blades towards the centre channel, then pivoting the blades upwards. Hold the two blades with one hand and supporting the frame on a solid surface, release the blades (USE CAUTION) to allow them to snap shut to the closed position.
2. Manufacture of duct dropper / plenum in 0.7mm galv. steel as per AS4254-1995.
3. Check there is a 3mm maximum clearance between damper frame and the ducts inside surface prior to securing damper.
4. Drill holes to suit pre-punched holes in the damper frame, then secure with 5mm dia. tubular STEEL rivets. Seal any gaps with an approved fire rated mastic.
5. Plenum or Duct droppers must be firmly secured to the slab, floor/ceiling or roof above, independently from the suspended ceiling itself.
6. 'F'-0.7mm retaining angles are mandatory if grilles or diffusers are manufactured from aluminium or plastic.
7. Once damper is installed REPEAT INITIAL DAMPER TEST as outlined in point #1 to ensure proper closing operation. Re-fit UL33 fusible link setting damper in the open position.



LEGEND

'A' - RONDO part N^o 553. Continuous angle 35mm x 35mm x 0.75mm.

'B' - BORAL 16mm 'Firestop' plasterboard (3x vertical Layers).

'C' - Fire rated mastic to be used in sealing all joining gaps.

'D' - 0.7mm Galvanised Steel Duct.

'E' - BULLOCK Model 5691 Ceiling Radiation / Fire Damper.

'F' - Duct retaining angle (Bottom turn out to be a minimum of 15mm).

'G' - UL33 Fusible Link.

'H' - Maximum gap between duct drop underside sheet is to be 5mm. Seal with fire rated mastic.

'J' - Maximum distance is 92mm.

PLASTERERS NOTE: Any screws that penetrate the duct or plenum must not impede the dampers closing ability. All joining gaps in areas 'C' and 'H' must be filled using an approved fire rated mastic as per AS1530.4-1997.

Refer to BORAL Plasterboards brochure for ceiling detail to suit this application.

Systems: FC2.

BULLOCK model 5691 is manufactured in accordance with CSIRO Test N^o FS3033/1516, FS3099/1691.

Installation instructions are in accordance with CSIRO letter of Opinion N^o FCO-1601.

Refer to covering brochure for more detailed product information.

Maintenance Instructions

All fire dampers shall be accessible and maintained in accordance with AS1851.Part6
Specifications subject to change without notice.

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