



## **MODEL 4900s CONCRETE SLAB WITH METAL GAP SPACERS**

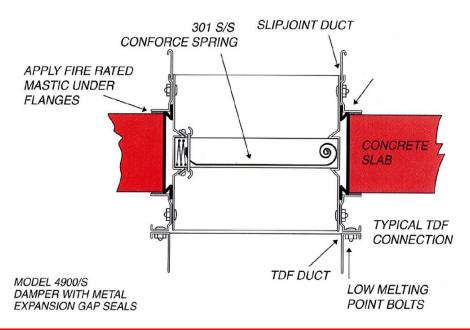
**Concrete Slab With Metal Expansion Gap Spacers** 

Drawing 4900s-1

**INSTALLATION INSTRUCTIONS** 

FRL - / 240 / -

- 1. INITIAL DAMPER TEST Before installing damper into slab, check damper's closing operation. This can be achieved by placing damper into its installation position. Hold blade stack whilst removing UL33 rated fusible link. Holding the blade stack even with both hands release blades to allow closure. After viewing proper operation gather up blade stack even with both hands release blades to allow closure. After viewing proper operation gather up blade stack and replace fusible link to its original position.
- 2. Ensure slab penetration is correct size. Opening should be 26mm larger than nominal size in both width and height. Refer AS1682.2-1990 Appendix 'C'.
- **3.** Remove flange screws/bolts and detach flanges from damper casing.
- **4.** Slid damper complete with metal seal attached into penetration. Apply a bead of fire rated mastic to slab where flanges meet to concrete slab.
- **5.** Replace flanges making sure damper is fixed firmly within the slab. **NOTE:** Do not overtighten flange screws/bolts.
- **6.** Repeat **INITIAL DAMPER TEST** "POINT #1".
- 7. Connect ductwork to fire damper using fire resistant mastic to fill recess if using raw edge connection, or apply mastic to both surfaces of the TDF/TDC flange connections. (Bolts must be of a low melting point material.)



## **MAINTENANCE INSTRUCTIONS**

Dampers should be maintained in accordance with AS1851. Part 6-1983.

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