



MODEL 4900 CURTAIN BLADE SLAB FIRE DAMPER - CLAMP PLATE DETAIL

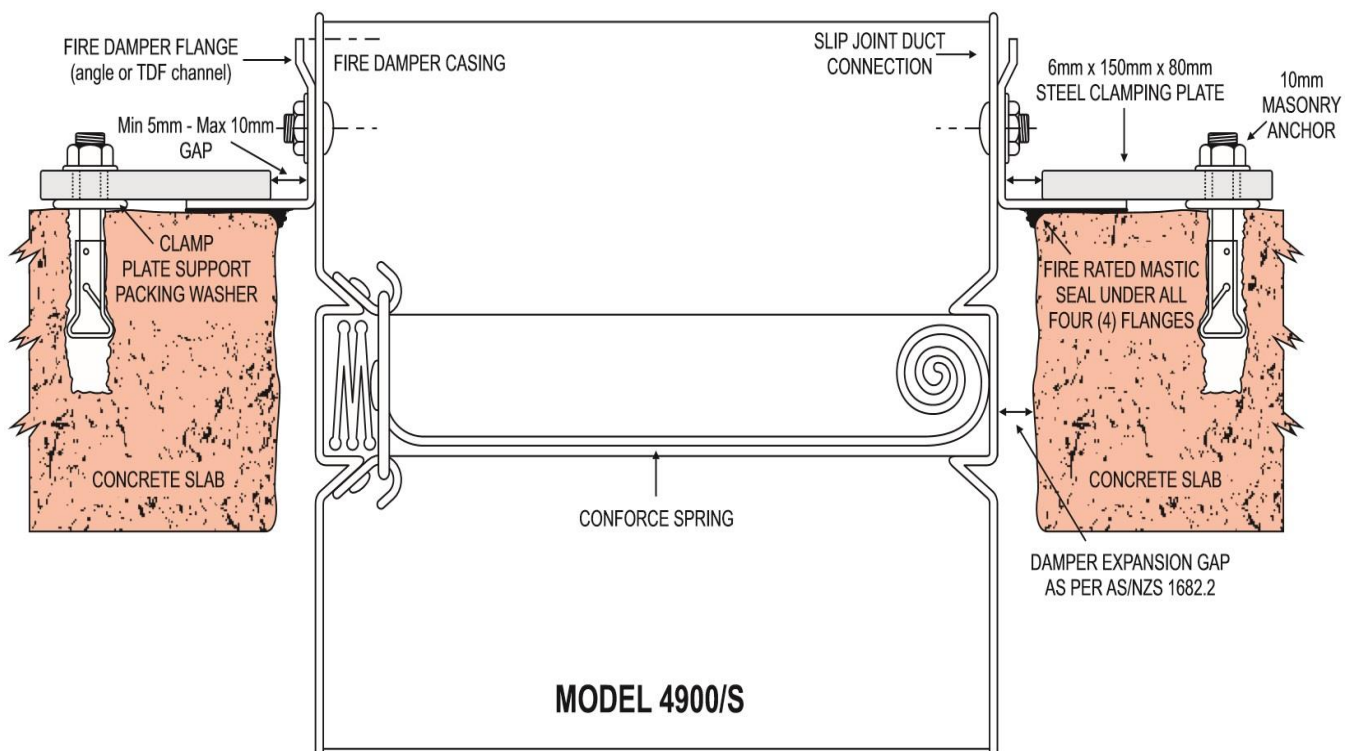
Curtain Blade SLAB Fire Damper

Drawing 4900s-2

INSTALLATION INSTRUCTIONS

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- INITIAL DAMPER TEST** Before installing damper into the concrete slab, check dampers closing operation. This can be achieved by placing the damper into its installation position. Hold the blade stack whilst removing the UL33 fusible link. Holding the blade stack even with both hands, release the blades to allow closure. After viewing proper operation gather up the blade stack and refit the UL33 fusible link to its original position.
- Ensure the slab penetration is prepared accurately with maximum expansion gap of 12.5mm.
- Apply fire rated mastic to the slab surface that the fire damper flanges sit flush on, to ensure an airtight seal.
- Lower the damper into position, sitting the flanges on the fire rated mastic.
- With the steel clamp plates provided, follow the installation diagram and clamp plate quantity note below.
- If connecting ductwork please refer to AS1682.2 2015 Appendix C Breakaway may not be required.
- With the installation complete to the installation details, **REPEAT THE INITIAL DAMPER TEST** to check the dampers blade closing performance before connecting the ductwork or grilles if required to AS4254 standards.



NOTE: For any damper 300mm x 300mm or less only two clamps are required on opposite sides of the damper. If the damper or bank of dampers are larger than 300mm x 300mm then there must be at least four clamps - one on the centre of each side. If any side of the damper exceeds 600mm then an additional clamps are required at more than 300mm centres.

MAINTENANCE INSTRUCTIONS

All fire dampers shall be accessible and maintained in accordance with AS1851.6

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