



## MODEL 5650 SINGLE BLADE CONCRETE SLAB FIRE DAMPER - CLAMP PLATE DETAIL

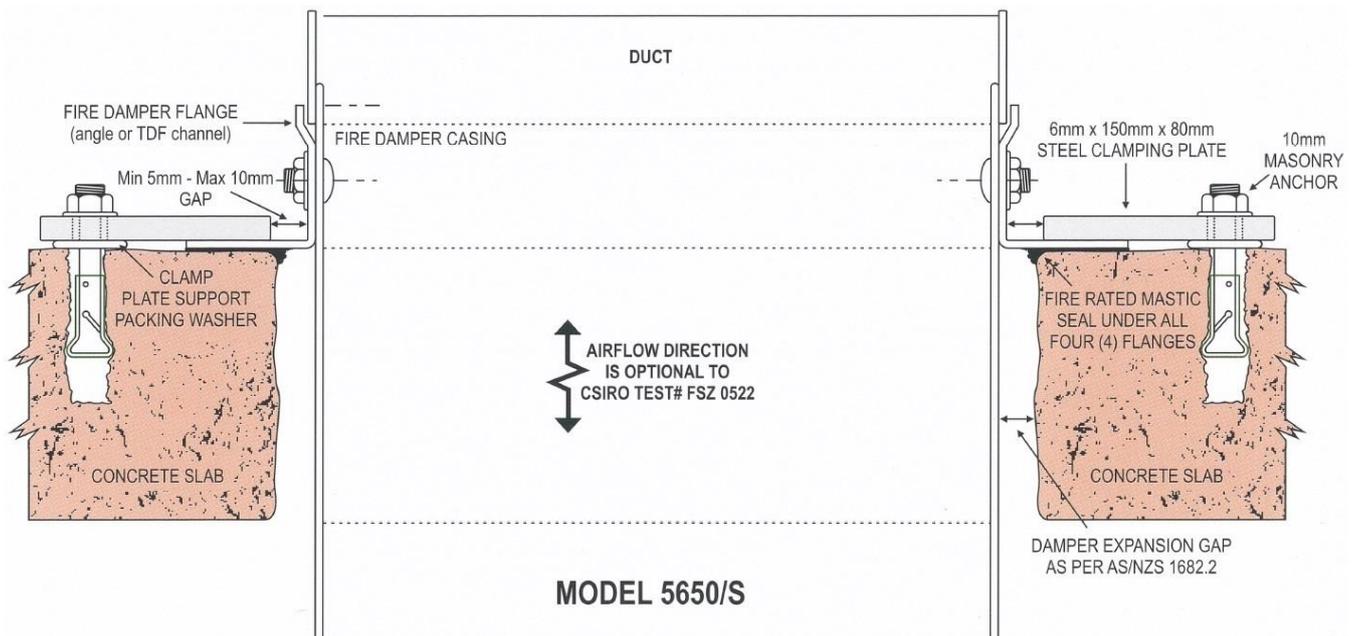
Single Blade Slab Fire Damper

Drawing 5650s-2

INSTALLATION INSTRUCTIONS

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- INITIAL DAMPER TEST** Before installing damper into concrete slab, check dampers closing operation. This can be achieved by placing the damper into its installation position. Using the link strap or "cricket bat" mounted upon the damper blade, push the blade vertically to the top. This will clear the base of the blade over the two locking tabs. These locking tabs are factory set and do not require any field adjustment. Pivot the blade back against the stainless steel spring(s) to the open position, then let the blade close and lock. Refit the UL33 fusible link to its original position.
- Ensure the slab penetration is prepared accurately with minimum expansion gap of 12.5mm.
- Apply fire rated mastic to the slab surface that the fire damper flanges sit flush upon, 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 below. Using one clamp per flange per opposite sides.
- If connecting to Ductwork please refer to AS1682.2 2015 Appendix C Breakaway may not be required.
- With 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 require 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 additional clamps are required at not more than 300mm centres.

## MAINTENANCE INSTRUCTIONS

All Fire Dampers shall be accessible and maintained in accordance with AS1851.6

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