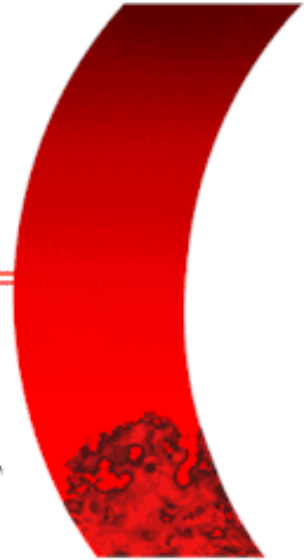




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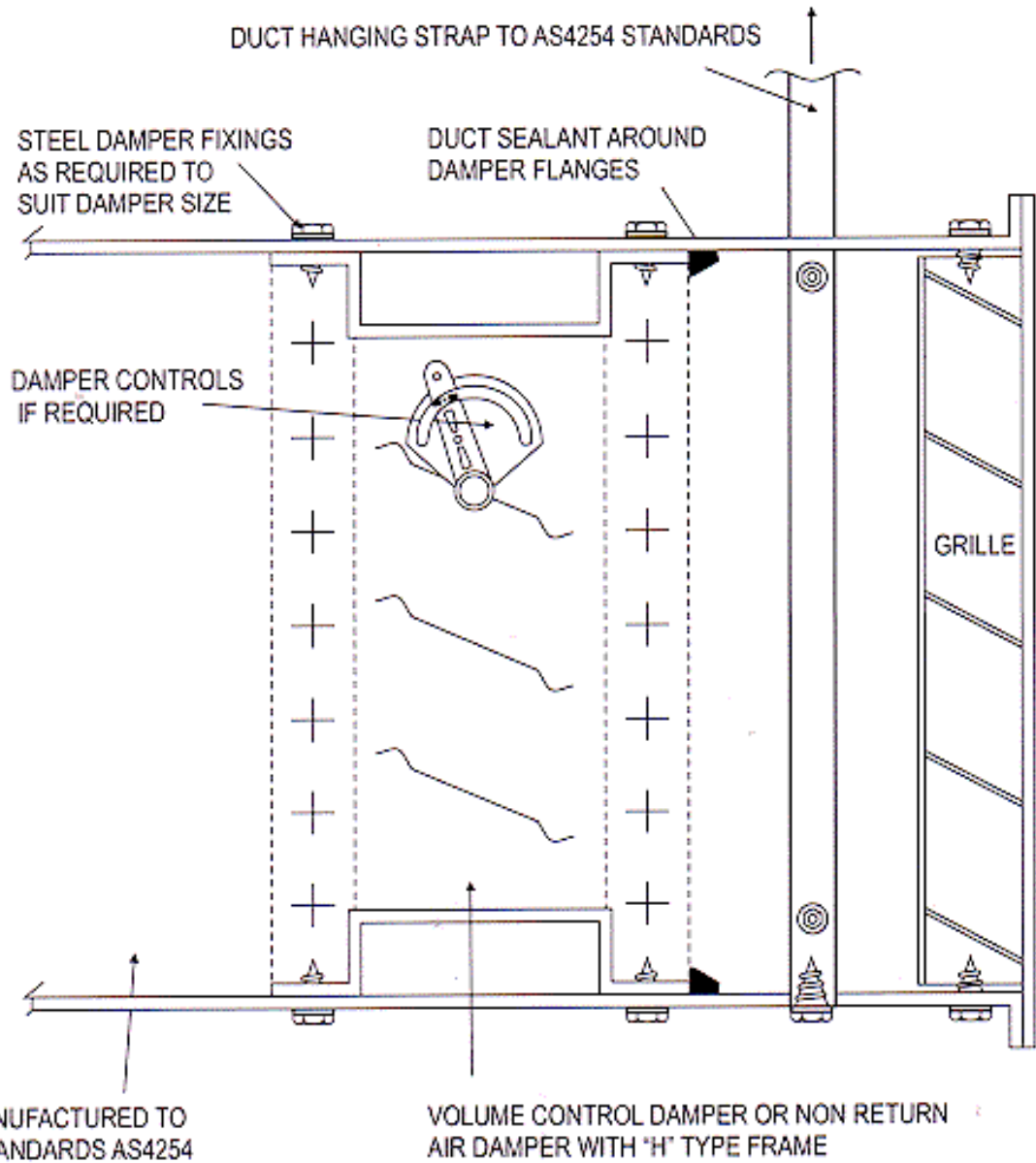
**Models 6500
/6700/3100**

**Volume Control /Non Return Air Damper
In Duct Installation**



Installation

- 1. INITIAL DAMPER TEST** - Before installing, check damper for damage caused by mishandling or poor transportation. Visually inspect the integrity of the dampers: blades, frames, corner brackets, interconnecting blade linkages, bearings and pivots, operational drives or quadrants and blade seals.
Check the damper blade operation by opening and closing the blade(s) via the manually operated quadrant or the motor drive spindle/shaft. Clamps, pliers or other mechanical attachments may be required to assist you with this procedure. With Model 3100 non-return air damper simply push the blades to test operation.
NOTE: Ensure the damper is placed in an upright position and on a stable, flat, firm surface before this is attempted as damage may occur to some parts of the dampers blade seals, requiring replacement and causing site delays.
Should damper be in a sound condition then proceed with installation, otherwise contact your local Bullock supplier before installation.
- 2.** Complete an "initial damper test" before installing. Should dampers function appropriately then proceed with installation.
- 3.** Accurately measure position in duct for damper operator shaft to protrude through the duct. Remove 2x Hexagonal head bolts from drive and blade and then push drive in until flush with frame.
- 4.** Note dampers orientational labeling showing "top" and or "airflow direction" if required these shall be adhered to.
- 5.** Slide damper into ductwork or plenum then mechanically fix damper internally through the damper frame at approximately 200mm - 250mm centres.
- 6.** Push drive shaft through the measured hole in duct and replace hexagonal drive blade bolts.
- 7.** Seal between damper frame and ductwork using duct-sealer or silicon sealant.
- 8.** Repeat "Initial Damper Test" as outlined in point #1 to ensure correct operation.



Note: Should damper blades drag upon the damper frame (Models - 6500/6700) this indicates frame misalignment and the installation is incorrect. Align frame correctly before continuing damper test. Damage to the damper's vital blade sealing system may render the damper inoperable. The damper would then need to be returned to the manufacturer for repairs at a cost to the installer. Should operational checks show correct installation proceed to connect actuator to damper drive shaft.

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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