



MODEL 4900 PLASTERBOARD STEEL STUD WALL

Plasterboard Steel Stud Wall

Drawing 4900-2

INSTALLATION INSTRUCTIONS

FRL - / 120 / -

1. The structural integrity of the wall will be compromised when penetrations are made. The wall systems manufacturer must provide instructions on how to prepare the penetration for services. Refer to the wall system manufacturers penetration instructions
2. **INITIAL DAMPER TEST** Before installing remove the fusible link and check that the damper opens and closes freely, replace the fusible link and bend the link strap into it's original position. For 5000 series dampers the link must be engaged by clamping vice grips around the shaft and turning anti-clockwise until the link clicks into place, then turn clockwise and the blades should be open. To dis-engage link use a long screw driver to move the link away from the mechanism which will spring forward, keep hands clear.
3. Check the wall system has been prepared as per manufacturer's instruction. Check that the penetration is the correct size; the damper can sit directly on the plasterboard lining and should have at least 10mm gaps either side with no less than 16mm across the top. No packing is required. It is critical that the damper angle or channels that go against the wall are twice that of the gap in the penetration.
4. The use of mastic is not critical in relation to the FRL of the damper. Bullock dampers have been tested with and without mastic. If mastic is required for air leakage purposes we recommend it to be intumescent.
5. All damper are clearly marked with "**TOP**" and "**AIR FLOW**" labels which must be adhered to.
6. Remove angles/channels from one side of damper, slide into position and replace angles/channels ensuring damper is firmly fixed within the wall. Do not over tighten flange bolts.
7. Repeat **initial damper test**.
8. Connect ductwork to damper ensuring break away requirements are maintained.

DUE TO MINOR VARIATIONS IN PLASTERBOARD WALL SYSTEMS BULLOCK ARE UNABLE TO PROVIDE "TYPICAL" DRAWINGS. YOU MUST USE THE WALL SYSTEM MANUFACTURERS DRAWING IN CONJUNCTION WITH THE ABOVE DETAILS TO SATISFY INSTALLATION INSTRUCTIONS. THESE DETAILS WILL COMPLY WITH THE FROL OF THE WALL SYSTEMS BEING 1 HOUR OR 2 HOURS.

MAINTENANCE INSTRUCTIONS

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

Your local representatives details can be located at www.bullockmfg.com.au

