

FITTING INSTRUCTIONS FOR WHITE PLASTIC COVERS

(HORNE 15 AND HORNE 20)

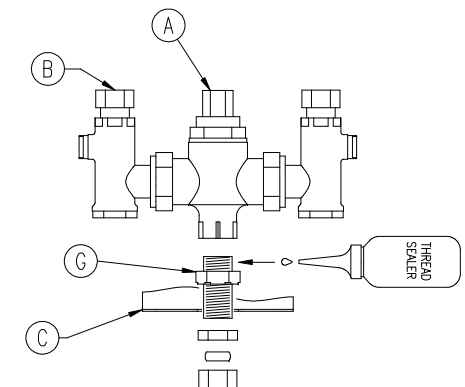
NB GROMMETS MUST BE FITTED TO THE PIPES

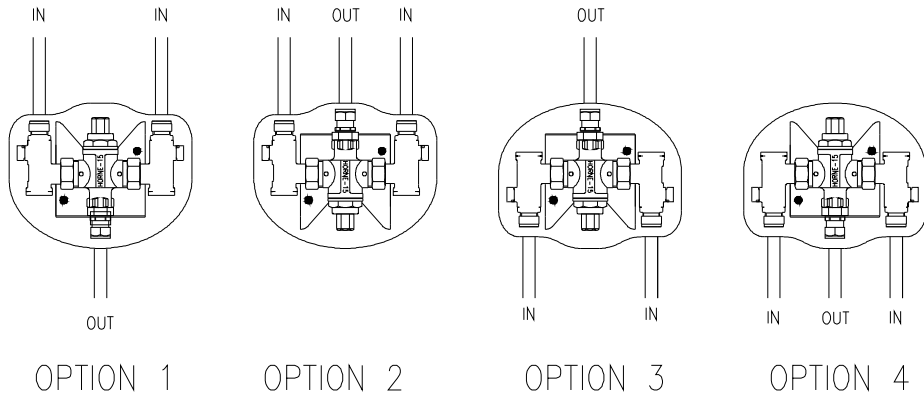
BEFORE

COMPRESSION CONNECTIONS ARE MADE UP.

- 1) On unpacking the components from the box, in addition to these instructions the following should have been found:-
 - a. Horne Thermostatic Mixing Valve (TMV)
 - b. Swivel inlet connections with strainers (fitted to valve already)
 - c. Formed metal mounting bracket with screwed studs
 - d. Plastic grommet(s) to cover unused slot(s)
 - e. Plastic grommets for around pipe
 - f. White plastic (high impact polystyrene) cover
 - g. Brass outlet adaptor (stud coupling). Assembled with back nut and compression nut/ring.
 - h. 'HORNE' 3D decal badge.
 - i. Two white plastic sleeve nuts (M6)
 - j. Two fixing screws
 - k. Two wall plugs

- 2) Remove the compression nut and ferrule and back nut from the brass outlet adaptor (G), then fit the short thread on the outlet adaptor into the outlet of the valve using a thread sealant such as PTFE tape or Loctite. Note that this is fitted to the valve before the mounting bracket is fitted.





- 3) Choose orientation of valve and cover (see diagram). Note that the mounting bracket can be installed in two different orientations relative to the cover, and that the whole installation can be mounted any way that suits the pipework.
- 4) Fit the long thread on the outlet adaptor (G) into the large hole in the mounting bracket and loosely fit the locknut by hand. If the desired configuration is to have the inlet and outlet pipes on the same side, swivel the inlet connections (B) to this orientation now. Conversely if the desired configuration is to have inlet and outlet on opposite sides, swivel the inlets to this orientation now.
- 5) Offer mounting bracket and valve to the wall and mark its position.
- 6) Remove the valve from the mounting bracket, offer the mounting bracket to the same position on the wall and mark the position of the screw holes*.
- 7) Then screw the mounting bracket to wall in the appropriate orientation using the 2 screws and wall plugs provided.
- 8) Fit the outlet adaptor on the valve through the large hole on the mounting bracket and then fit the locknut provided with the outlet adaptor. Ensure the valve is aligned squarely; then tighten.
- 9) Connect the pipework around the valve, ensuring that the grommets have been pushed over the pipe before making off the compression ends.

- 10) Peel off the thin clear film from the front of the white plastic cover.
- 11) Align slots on the cover with the pipes and lower the cover over the valve.
- 12) Use the plastic sleeve nuts to tighten the cover down over the valve and mounting bracket.
- 13) Ensure the grommets fit into place in the slots in the plastic cover.
- 14) Affix the 'HORNE' label in the label recess on the front of the cover.

* Note that it is preferable to use the 2 holes that are equal in vertical distance between the 2 studs; then the bracket can be inverted and re-mounted using the same screw holes if necessary.

