



Hose & Supply Boxes 1750 Series

Recessed Hot and Cold Pressure Balancing Temperature Control Box



1750

Fixture May Show Some Available Options

Please visit www.acorneng.com for most current specifications.

Recessed Hot and Cold Pressure Balancing Temperature Control Box

Temperature Control Box recommended for small installations and isolated locations where no more than 7.5 GPM is required (with 40 PSI minimum inlet pressure and adequate water volume).

Box is fabricated from 18 gage, type 304 stainless steel and all seams are continuous welded. It is furnished with four stainless steel clips which provide a secure means for anchoring to the wall. Wall frame and door are 16 gage. Baffle is 22 gage. All exposed surfaces are polished to a satin finish.

Door is provided with Cam and Cylinder Lock with Key Lock and two keys. Hinges are concealed type. Door can be easily removed after opening by releasing hinge pins with a screwdriver.

Control Valve has cast bronze body and features a replaceable cartridge containing all wearing parts. A diaphragm actuated pressure balancing mechanism instantly compensates for pressure fluctuations in either hot or cold water supply. This controller does NOT recognize temperature changes. Outlet temperature will fluctuate with supply temperature changes. Valve will immediately shut off, should the cold water source fail. Exposed valve parts are polished chrome-plated. Valve has screwdriver checkstops in each supply behind removable baffle, which permits servicing without shutting down the water supply. Valve also has a temperature limiting stop for manually setting the maximum hot water flow once valve is operational. Acorn recommends maximum outlet temperature at 105 degrees Fahrenheit to prevent scalding.

Temperature Gage has a stainless steel case and is calibrated from 0 to 200 degrees Fahrenheit.

Supply and Outlet Connections are 1/2" NPT female and are securely anchored to box so that internal piping will not be damaged during installation.

GUIDE SPECIFICATION

Provide and install Acorn Recessed Hot and Cold Pressure Balancing Temperature Control Box Model 1750 fabricated from 18 gage, type 304 stainless steel with removable 16 gage door and frame. Door is Key Lock operated. All exposed stainless steel surfaces including interior stainless steel baffle shall be polished to a satin finish. Control handle shall be polished chrome-plated. Control valve shall be cartridge-operated Diaphragm Actuated Pressure Balancing type with a Temperature Limiting Stop, and individual screwdriver operated Checkstops. Temperature gage shall be calibrated from 0 to 200 degrees Fahrenheit.

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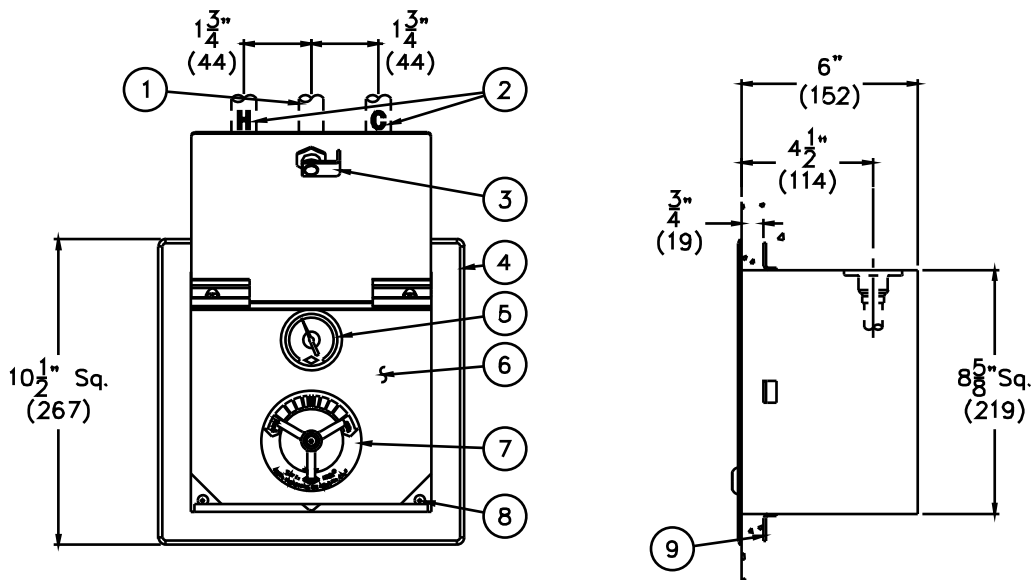
BASE MODEL NUMBER (Must Specify)

-1750 Recessed Hot and Cold Pressure Balancing Temperature Control Box

Product Options

- * None Available

Please visit www.acorneng.com for most current specifications.



MODEL# 1750

NOTES:

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|-------------------------------|----------------------|------------------------------|
| 1. Outlet Piping (By Others). | 4. Door & Frame. | 7. Safti-Trol Control Valve. |
| 2. Supply Piping (By Others). | 5. Temperature Gage. | 8. Baffle Retaining Screws. |
| 3. Keyed Cylinder Lock. | 6. Removable Baffle. | 9. Wall Anchoring Clips. |

<p>Important: Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions. Dimensions are subject to manufacturer's tolerance of plus or minus 1/4" and change without notice. Acorn assumes no responsibility for use of void or superseded data. © Copyright 2004 Acorn Engineering Company</p>	
<p style="text-align: center;">Selection Summary</p> <p>Model No. & Option _____</p> <p>Quantity _____</p>	<p style="text-align: center;">Approved for Manufacturing</p> <p>Company _____ Title _____</p> <p>Signature _____ Date _____</p>