

**WARNING:**

PRIOR TO MAKING INSTALLATION, SUPPLY LINES MUST BE FLUSHED OF ALL FOREIGN MATERIAL SUCH AS PIPE DOPE, CHIPS, ETC. VALVE MUST BE DRAINED PRIOR TO BEING SUBJECTED TO FREEZING TEMPERATURES. MAXIMUM RECOMMENDED OUTLET WATER TEMPERATURE IS 105°F.

**NOTE:**

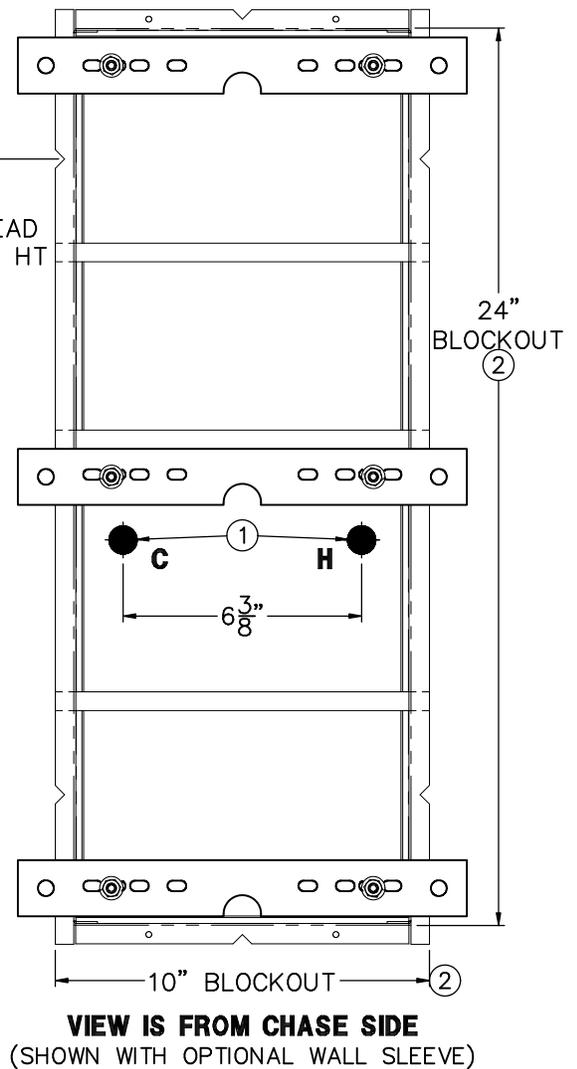
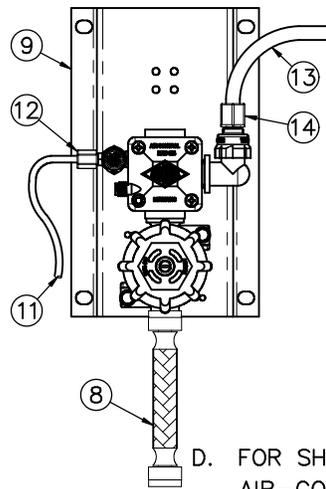
\*\*INSTALLATION REQUIRES THE USE OF AN APPROPRIATE CERTIFIED THERMOSTATIC MIXING VALVE PROVIDED BY OTHERS, PER APPLICABLE CODE.

**NOTE:**

MAXIMUM RECOMMENDED WORKING PRESSURE IS 100 PSI; TEMPERATURE IS 130°F; OUTLET TEMPERATURE IS RECOMMENDED AT A MAXIMUM OF 105°F.

ASSEMBLIES	NUMBERS
FIXTURE TRIM	9957-060-001
-03 VALVE BODY	9955-006-003
-8 T/P VALVE	9900-007-001
STOP	9956-040-003
-M SERVOMOTOR	9955-000-002
-SW SLEEVE/ -MT TEMPLATE	9925-157-001

**DETAIL A**



**INSTALLATION INSTRUCTIONS:**

- A. ROUGH-IN FOR THE FOLLOWING:
  - 1/2" NPT HOT & COLD VALVE INLETS ①
  - BLOCKOUT WALL OPENINGS ②
- B. THREAD ALL-THREAD STUDS ③ TO ANCHOR TAPPINGS ④ AND SLIDE THROUGH WALL OPENINGS. FROM CHASE SIDE, THREAD STUDS ③ THROUGH BACKPLATES ⑤ USING WASHERS & NUTS ⑥ TO SECURE PANEL ⑦ TO WALL NOTE: DO NOT EXCEED 6.5 FT/LBS MAXIMUM TORQUE ON ANCHOR TAPPINGS ④.
- C. AFTER THOROUGHLY FLUSHING SUPPLY LINES, MAKE UP CONNECTIONS TO VALVE H&C INLET 1/2" NPS FLEXIBLE HOSE ENDS ⑧.
- D. FOR SHOWERS WITH -MV METERING VALVE: MOUNT AIR-CONTROL VALVE ⑨ TO CHASE WALL AS REQUIRED WITHIN 10 FEET OF THE PUSHBUTTON ⑩. INSTALL 1/8" OD AIR TUBING ⑪ FROM PUSHBUTTON ASSEMBLY ⑩ TO VALVE FERRULE NUT ⑫.
- E. INSTALL 1/4" OD RISER TUBING ⑬ TO VALVE AND SHOWERHEAD FERRULE NUTS ⑭ PROVIDED.
- F. TURN ON AND TEST FOR LEAKS TO COMPLETE INSTALLATION.



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TITLE <b>PENAL-PAK SHOWERS 1741-8, 1741-8MV, LR1748 &amp; LR1748-MV</b>		
MANUFACTURE DATE <b>JULY 2017</b>	DATE ISSUED <b>07/19/17</b>	DRAWING NUMBER <b>9925-156-001</b>
<b>TO PRESENT</b>	DATE REVISED <b>02/27/2020</b>	ESG