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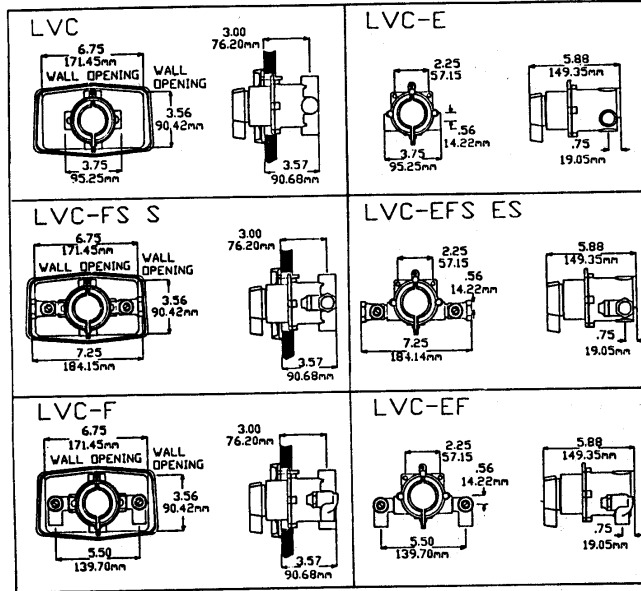
LEO

LEONARD® THERMOSTATIC
WATER TEMPERATURE CONTROLS *Showermaster®*

P-13 NEW STYLE

Valves manufactured from 1966 to present

LVC INSTALLATION INSTRUCTIONS



1. Valve **MUST NOT** be sealed in wall with plaster or tile. Cover screws and inlet fittings must be accessible for servicing. **DO NOT** remove plaster mask attached to valve unless absolutely necessary; if removed, replace mask after making connections.
2. Solder, pipe cement, or solder flux must be used sparingly. **After connections are made to the valve, flush pipes thoroughly to remove dirt and excess materials which might become lodged on the working parts of the valve.**
3. **IMPORTANT!** This valve is designed for top or bottom outlet **BUT NOT BOTH**. When used for showers, the top outlet only is used and the pipe plug is left in the bottom outlet.

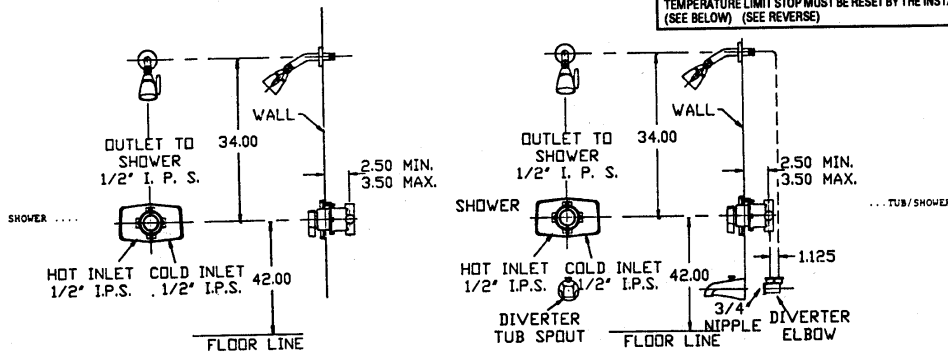
When installed for use with shower **AND** tub:

- a. Remove the pipe plug from the bottom outlet.
- b. Place the pipe plug in the top outlet.
- c. Pipe down from the bottom outlet to the forward opening on the twin elbow.
- d. Pipe up to the shower from the rear opening on the twin elbow.

REMEMBER! This is a control device which must be cleaned and maintained on a regular basis, depending upon water conditions and usage.



WARNING! THIS MIXING VALVE IS EQUIPPED WITH AN ADJUSTABLE HIGH TEMPERATURE LIMIT STOP FACTORY SET AT APPROXIMATELY 110°F (43°C) WITH AN INCOMING HOT WATER SUPPLY TEMPERATURE OF 135°F (57°C). IF INCOMING HOT WATER ON THE JOB IS HIGHER (OR LOWER) THAN 135°F, THE VALVE WHEN TURNED TO FULL HOT MAY DELIVER WATER IN EXCESS OF (OR LOWER THAN) 110°F, AND THE HIGH TEMPERATURE LIMIT STOP MUST BE RESET BY THE INSTALLER. (SEE BELOW) (SEE REVERSE)



LIMITED WARRANTY

Leonard Valve Company warrants the original purchaser that products manufactured by them (not by others) will be free from defects in materials and workmanship under normal conditions of use, when properly installed and maintained in accordance with Leonard Valve Company's instructions, for a period of one year from date of shipment. During this period the Leonard Valve Company will at its option repair or replace any product, or part thereof, which shall be returned to the Leonard factory and determined by Leonard to be defective. There are no warranties, express or implied which extend beyond the description contained herein. In no event will Leonard be liable for labor or consequential damages.

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