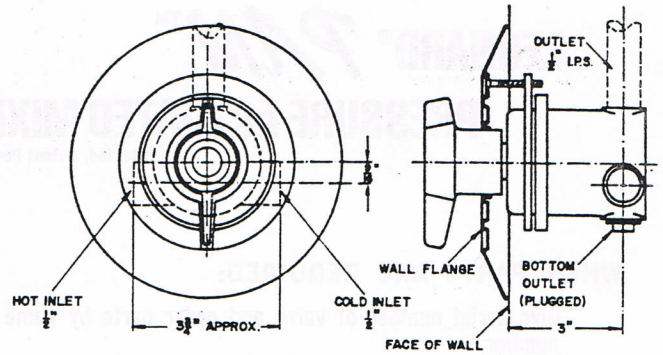


## LEONARD® PAM™ PRESSURE ACTUATED MIXER

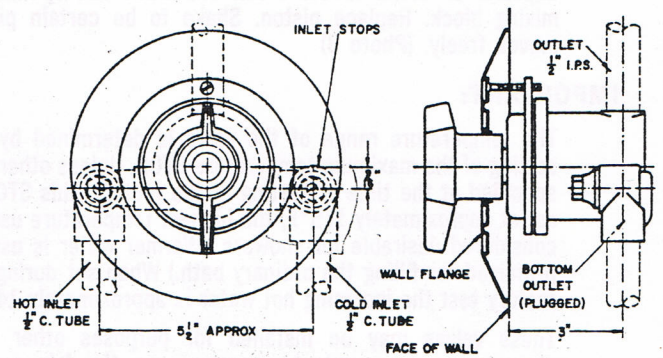
Patented, Patent Pending

1. Valve must not be sealed in wall with plaster or tile; cover screws and inlet fittings must be accessible for servicing.
2. White lead, 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. Attach plastic protection cover which serves as a guide for finished wall line after piping connections have been made.

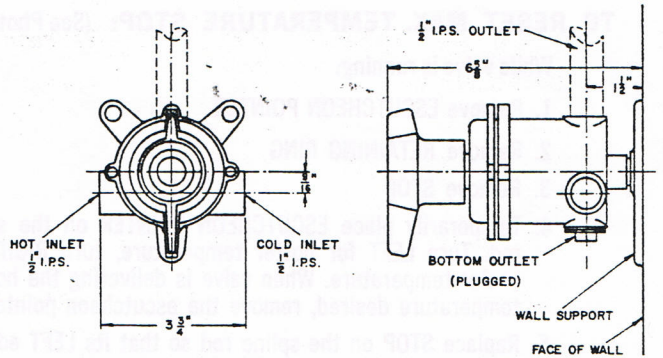
### PAM-C



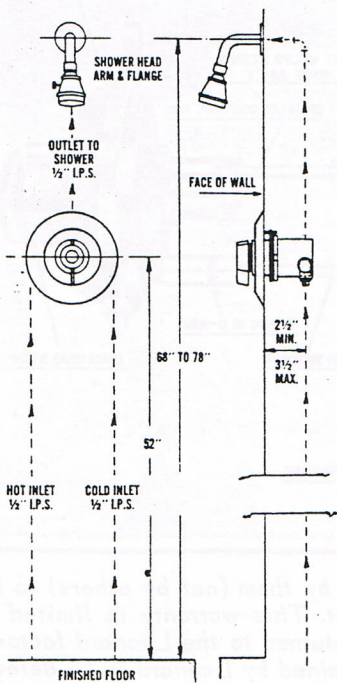
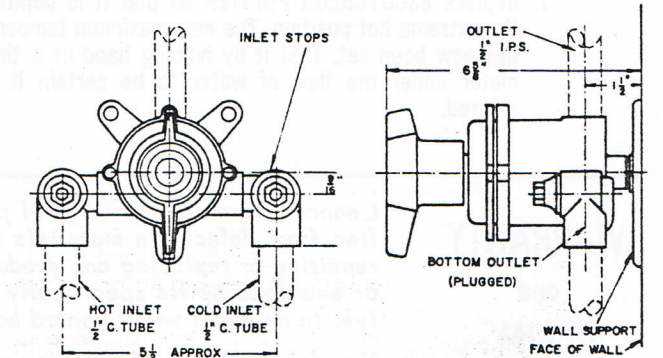
### PAM-C-S



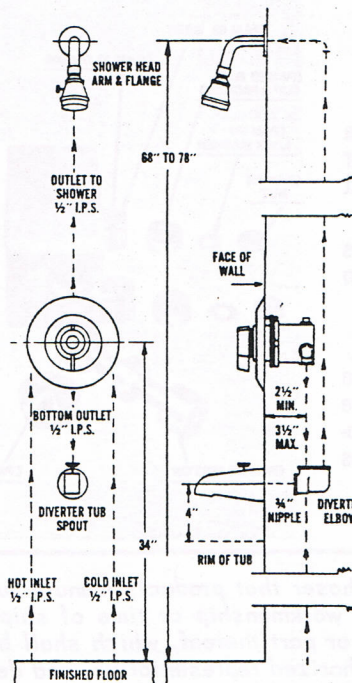
### PAM-E



### PAM-E-S



SHOWER INSTALLATION



SHOWER/TUB INSTALLATION

# INSTRUCTIONS FOR CLEANING AND SERVICING

## LEONARD® PAM™ PRESSURE ACTUATED MIXER

Patented, Patent Pending

### WHEN PARTS ARE REQUIRED:

Give serial number of valve and order parts by name and number.

### TO CLEAN PISTON:

Submerge in clean water. Use fine steel wool to remove deposits or stain. Rinse. Clean and flush out opening in mixing block. Replace piston. Shake to be certain piston moves freely. (Photo 3)

### IMPORTANT:

The temperature range of the valve is determined by the setting of the maximum temperature STOP. Unless otherwise specified at the time of testing at the factory, this STOP is set at approximately 115°F, the highest temperature usually considered desirable for showers. (Warmer water is usually preferred for filling the ordinary bath.) When set during the factory test the incoming hot water is approximately 140°F.

These valves may be installed for purposes other than showers, or the supply temperatures on the job may be different than those under which the valve was originally tested. Therefore, when installed and ready for use, the owner may desire a different maximum temperature setting.

### TO RESET MAX. TEMPERATURE STOP: (See Photo 1)

While valve is running:

1. Remove ESCUTCHEON POINTER
2. Remove RETAINING RING
3. Remove STOP
4. Temporarily place ESCUTCHEON POINTER on the spline rod. Turn LEFT for hotter temperature, turn RIGHT for cooler temperature. When valve is delivering the hottest temperature desired, remove the escutcheon pointer.
5. Replace STOP on the spline rod so that its LEFT edge is resting against the top side of the WEB which is cast on the LEFT side of the cover.
6. Replace RETAINING RING
7. Replace ESCUTCHEON POINTER so that it is pointing to the extreme hot position. The new maximum temperature has now been set. Test it by holding hand or a thermometer under the flow of water to be certain it is as desired.

Photo 1

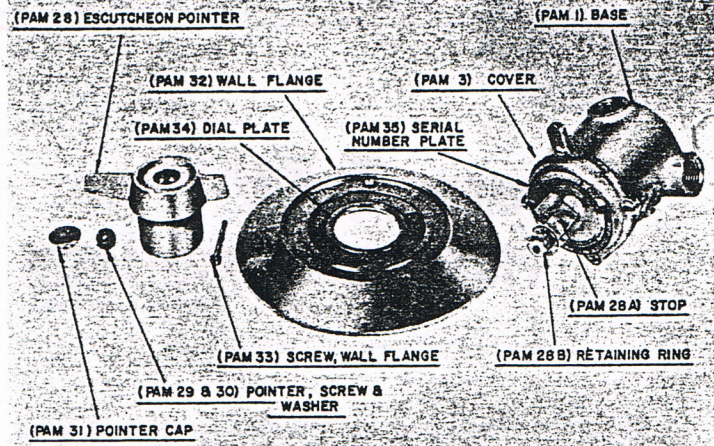


Photo 2

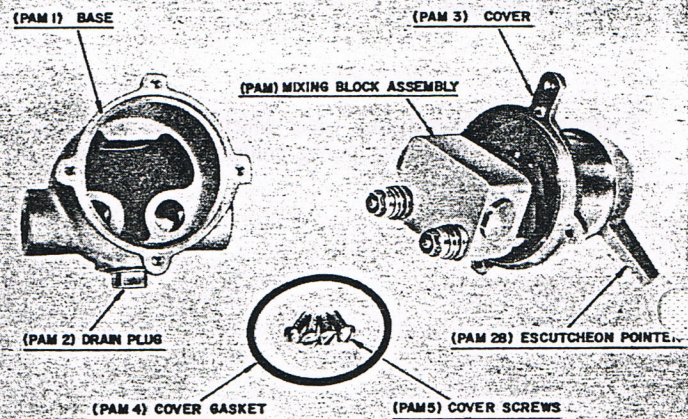
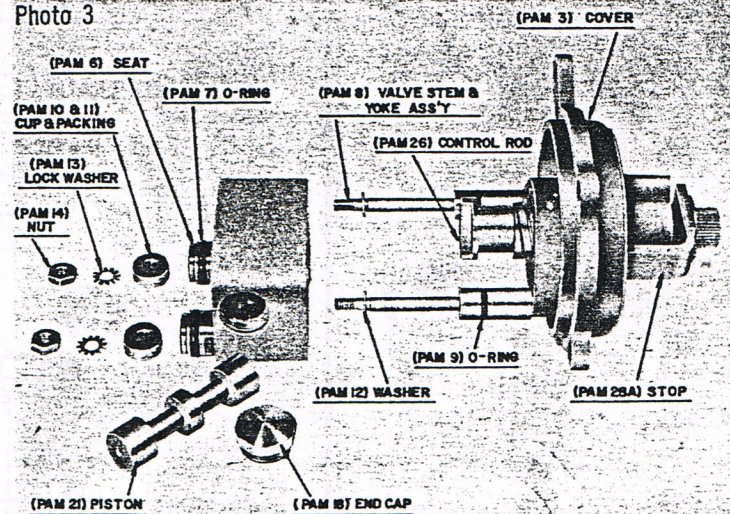


Photo 3



## WARRANTY and CLAIMS

Leonard warrants the original purchaser that products manufactured by them (not by others) to be free from defects in materials and workmanship at time of shipment. This warranty is limited to repairing or replacing any product, or part thereof, which shall be returned to the Leonard factory, or examined by its specifically authorized representative, and determined by Leonard to be defective. In no event will Leonard be liable for labor or consequential damages.

No claim will be allowed for products damaged during or after installation, or in transit, and expenses incurred with claims for which Leonard is not liable may be charged to the buyer.

No claim will be considered unless presented in writing within 60 days after receipt of goods.