M-1776, M-30, M-34, M-40
DRINKING FOUNTAIN TROUBLE SHOOTING

1. **Were lines flushed prior to hook-up of fountain?** If not, debris could enter valve body and valve stem area and not allow fixture to turn off properly. Inner works must be pulled and washers changed in valve body. To remove fountain insert, remove top bolts which hold bowl to base. Remove foot pedal bolt and pedal. Pull straight up on fountain bowl to remove inner works. Do not twist or try to unscrew it. Inner works does not screw into anything. Washers may then be replaced in the valve body which is on the end of the inner works. This should be done once a year in heavy usage areas. Before putting insert back into place, turn water on and flush any debris in valve stem area to surface.

2. **Was fountain set on anything, block of wood, rock, etc., during installation to facilitate hook up of fountain and not removed after hook up of fountain was completed?** If so, it could block drain in bottom connection, allowing water to come up into casing area instead of draining into the drain bed of broken rock which should have been provided beneath bottom connection for water from supply line to drain into after each fountain operation.

3. **Was bottom connection moved in order to make it easier to hook the fixture up to the supply line?** If so, valve body which has washers in it to close off the by-pass in the valve stem when fixture is turned on may be rising too high off the valve stem, allowing water to come into the casing pipe, and out around foot pedal area, instead of just into the supply line to bubbler. Bend foot pedal to correct. Measurement between pedal stops and base should be 5/8". Never cut pedal stops off!

   Do not attempt to correct any inside measurements. This will only make the problem worse. Call 800-453-7465 or 626-333-2543 **if you have any questions.**

   If fountain insert is hanging up, remove foot pedal. Remove top bolts which hold bowl to fountain base. Turn bowl to put pedal spool in different position. This should be done with insert still in place.

   Note: if water pressure exceeds 85#, a pressure reducing valve must be used in line going to fountain. Also, fountain must not be used in conjunction with a pumping system where water pressures vary greatly.

   Flow control valve can be stopped up by any dirt allowed to come through lines due to lines not being flushed properly.

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