



## INSTRUCTIONS FOR REMOVING IMPELLER AND REPLACING MOTOR ON ATOMIZING ASSEMBLY

Disconnect the unit from the power source, and then disconnect the motor wires in the junction box. Close the saddle valve to the water supply by turning the valve stem counter-clockwise. Remove the dome from the center pan. (This is a press fit and requires no tools for disassembly). After the dome has been removed, you will see four (4) brass hex nuts that hold the center pan onto the atomizing assembly. Loosen the nuts and remove the pan. The impeller can then be removed from the motor shaft by loosening the set screw with a small Allen wrench. (The set screw is on the side of the stem immediately under the fins of the impeller). Remove the two motor mounting nuts and remove the motor/cover assembly. Note the position of the motor wires in the trough of the motor base.

Install the new motor/cover assembly to the motor base with the two motor mounting nuts, being sure the wire is in the trough. Line-up the set screw in the impeller with the flat side of the motor shaft and slide the impeller as far as it will go onto the motor shaft. Do not tighten the set screw just yet! Assemble the motor, base, and impeller sub-assembly to the center pan. Attach with the 4 brass hex nuts. Tighten each nut about 1 turn after the rubber grommet starts to compress. Now pull the impeller down and away from the motor so that the fins on the underside of the impeller are about 1/16" away from the center pan – then tighten the set screw. Turn the impeller to be sure there is no rubbing. Complete the rest of the assembly in the reverse of the disassembly.