

FAQ for RO BOOST PUMPS and DELIVERY PUMPS

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Q. Received boost pump without installation instructions

A. See IMI 102, CDP 6800 and 8800 Installation Instructions

Q. Received delivery pump without installation instructions

A. See IMI 104, DDP 5800 and 7800 Installation Instructions

Q. The R.O. system is not working properly

A. See IMI 147, R.O. Boost Pump Troubleshooting guide

Q. The CDP continuous duty pump, runs continuously

A. See IMI 156, Automatic Shut Off Valve's effect on the PSW's shut off ability

Q. The pump that delivers water from the holding tank to the refrigerator is noisy

A. The pressure switch controlled demand delivery pump is probably delivering more water than the icemaker can accept (usually about 1/4 gpm at 35 psi), and is momentarily reaching its shutoff pressure. Use a lower flow pump, and add an accumulator between the pump and refrigerator if necessary. Open the "high voltage drinking water delivery pumps" selection chart, section A, for recommended choices.

Q. What effect does feed pressure have on the tank/faucet pressures?

A. None. The flow of water to the membrane will increase, but 80 psi pump discharge pressure will not change due to the preset by pass pressure.

Q. What effect does higher by-pass pressures have on tank/faucet pressures?

A. Since the pressure entering the membrane has increased, so will the pressure exiting the membrane, at the expense of flow, however.

Q. What is the membrane rating based on?

A. Based on 95% rejection of TDS levels at 600 ppm and 60 psi membrane feed pressure, in a 70 degree F ambient environment.

Q. The boost pump output pressure is only 60psi?

A. Assuming you have not adjusted the by pass setting, you may be using a membrane with a permeate production higher than the pump can supply. Either switch to a higher flow pump, or go to a lower rated membrane.

Q. Are low feed pressure shut off switches (LPS) available?

A. The LPS comes with the appropriate wire harness, but a tee with a 1/8" NPT female center port is not provided.