

INSTALLATION INSTRUCTIONS - #2015 KIT

20-Turn Evaporator/SID650/80 Model Icemaker-Dispenser

WARNING: Disconnect electrical power to unit before proceeding.

Removal of 19 turn evaporator assembly:

1. Remove front, top upper left side, rear and lower front cabinet panels for access to the evaporator assembly and associated "plumbing."
2. Dump refrigerant charge from system.
3. Drain all water from the evaporator.
4. Remove rear lower service panel. Remove drain valve and air inlet tubes from the fittings at the bottom of the evaporator. Remove the evaporator housing "worm" clamp.
5. Disconnect the ice thickness probe lead wires.
6. Remove harvest motor from top of evaporator.
7. Disconnect $\frac{1}{4}$ OD plastic water inlet line at float valve and at bulk-head fitting on rear cabinet panel.
8. Remove partition panel at evaporator discharge nozzle (water inlet line in step 7 is routed through a clearance hole in it).
9. Remove water over-flow tube from fitting at the top of the evaporator. Disconnect water-fill tube at evaporator from float valve.
10. Cut refrigerant inlet line (1/4 OD copper tube from TXV) near "tee" at hot gas solenoid valve.
11. Cut evaporator suction line near "tee" to TXV pressure tap.
12. Remove two screws holding the evaporator housing to the corner post and lift out the evaporator assembly.
13. Remove the corner post.

Installation of 20 turn evaporator assembly:

1. Install new corner post in cabinet.
2. Slide new evaporator assembly (square ice discharge nozzle) into cabinet and attach it to corner post with two screws. Trim evaporator housing foam insulation as required to fit.
3. Install harvest motor with new mounting plate provided in the kit.

4. Attach water - fill tube at evaporator.
5. Connect refrigerant lines to evaporator and at hot gas/TXV "tees."
6. Install new partition panel and RTV bottom of panel at hopper flange to form a seal.
7. Install evaporator discharge nozzle gasket on partition panel.
8. Install water line from bulkhead fitting to water float valve through partition panel. Connect compression nuts with inserts and sleeves provided in kit.
9. Clamp bottom of evaporator housing. Install both drain valve and air inlet lines to fittings on bottom of evaporator.
10. Install ice thickness probe provided with kit by turning probe clockwise until it just touches the evaporator coil (a slight backpressure will be felt). Turn probe counter-clockwise $2\frac{1}{2}$ turns. Connect probe leads to wire harness.
11. Evacuate and recharge refrigeration system to nameplate specifications. Leak check system. Reinsulate lines.
12. Replace cabinet and service panels.
13. Connect electrical power to unit and run icemaker. Check the following items:
 - A. Check that suction/discharge pressures are in the normal operating ranges.
 - B. Check for locked sight glass (no bubbles).
 - C. Check ice production capacity (see ice thickness adjustment procedure in owner's manual).