



7623973

LOW PRESSURE CONTROL E-0400 REMOTE

Installation Instructions

1. Turn ice machine off at toggle switch so machine pumps down and shuts off at 2 psig.
2. **CAUTION** - Disconnect power at circuit breaker after machine has pumped down.
3. Mount low-pressure control using the existing capacitor mounting stud, washer, nut, and extra washer included in kit. Install extra washer under existing washer (see Illustration, Sheet 2).
4. Use procedure "A" or "B":
 - A. Recover refrigerant. When work is complete, weigh in new refrigerant.**-OR-**
 - B. Pump down to 2 lb. and close receiver valve.
 - a. Using pinch-off tool, pinch off 1/4" line to cap tubes (see Illustration, Sheet 2).
NOTE: Pinch-off is required because the refrigerant is isolated from the low side between receiver valve and hot gas solenoid.
 - b. Cut top of 1/4" stub off.
 - c. Route new low-pressure control cap tube around compressor, as shown (Illustration, Sheet 2). Swage new low-pressure 1/4" stub and solder to existing stub.
 - d. Open pinch-off.
 - e. Purge a little refrigerant out of low/suction service valve.
5. Run lead wires from new pressure control into control box. Do not allow wires to touch any refrigerant lines.
6. Remove lead wires from existing low-pressure control and connect to new lead wires using heat shrink sleeve as insulation over connection (see Illustration, Sheet 3).
7. Remove old low-pressure control.
8. Make sure control is set as follows: left arrow (differential) 25 lb., right arrow (cut-in) 27 lb.
9. Operate ice machine, pull water curtain open, or shut off at toggle switch two to three times to ensure ice machine shuts off at approximately 2 lb. consistently.