

## 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.

Manitowoc Ice, Inc.

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