Subject: New Location of Discharge Temp Probe

SCOPE
MODEL 44 & 50

The probe is now located on Liquid line, 12" from bottom base of refrig unit, before it goes over motor/pump wall, and into heat exchanger area. This will eliminate the problem of being over 200°F in real hot climates.

Effects of poor/bad Condenser and Head Pressure Control constant bypass.

- With 75° water bath
  - LL probe = 150-170°F
  - SUCTION probe = 50-60°F
- With 32°F water bath, 10% ice
  - LL probe = 120-130°F
  - SUCTION probe = 40-45°F
- With 32°F water bath, 90% ice
  - LL probe = 120-130°F
  - SUCTION probe = 35-40°F

If condenser or head pressure control, are bad, these LIQUID LINE temperatures will rise by 60-90°F.

FURTHER ACTIONS
- Contact Manitowoc Beverage Systems Service if you have any questions or concerns: 800-367-0427.

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