Manitowoc® Parts & Service Communicator

Subject: Danfoss Compressor Overload

Danfoss has discovered an incorrectly wired overload for one of our compressors.

This compressor SC12MXL 208-230v/50-60HZ with Danfoss part number 104L2605 and a Manitowoc part number on the compressor of 8251223 is used in the following ice machine models only:

- Factory installed compressor for 208-230 volt Q280, Q370 and S300 model ice machines with serial numbers after 020500000 and before 041200000.
- Any Q280, Q370 or S300 replacement compressor for 208-230 volt model ice machines, that have a Danfoss number that ends with 2605 (refer to backside of this communicator).

115v/60HZ compressors are not affected by this rework.
All ice machines manufactured after November 2004 (serial numbers starting with 041200000) are not affected by this rework.

See Product Bulletin from Danfoss on reverse side to identify the suspect compressors.

Procedure

You may do the work or hire the local service agent.

1. After the ice machine compressor is identified as suspect, contact your local distributor with the ice machine model and serial number. *Compressors cannot be shipped without an ice machine model and serial number.*
2. The distributor will contact Manitowoc Ice, Inc. and obtain replacement compressor P/N 000000101. The replacement kit contains: compressor, liquid line drier, and 55% silver solder.
3. Use approved practices to recover refrigerant, replace compressor, evacuate system and charge with refrigerant (visit www.manitowocice.com/downloads/service literature/service manuals/s model/chapter 7, page 7-44 for details).
4. After installation of the new compressor, return the following to your local distributor for credit:

- The original compressor
- Completed Return Material Tag
- Completed Warranty Labor Claim Form.
  Manitowoc Ice, Inc. will pay:
  3.5 hours labor
  $40 miscellaneous material fee
  $12.50 per lb. ($12.50 per 454g) R404A refrigerant allowance.
  Q280A or S300A = 18oz/$14.13 (510g/$14.13)
  Q280W or S300W = 15oz/$11.75 (425g/$11.75)
  Q370A = 20oz/$15.63 (567g/$15.63)
  Q370W = 17oz/$13.25 (482g/$13.25)