



Carrier

A United Technologies Company

REPLACEMENT COMPONENTS DIVISION

SERVICE BULLETIN

SUBJECT: Compressor PIC Discharge Sensor Replacement

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MODELS AFFECTED: 17/19EX, 17/19FA & 19XR Chillers,
PIC Controls

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PURPOSE:

This bulletin is intended to inform the field of changes with the discharge sensor for the 02EX, 17/19FA, 17FX compressors with Product Integrated Controls (PIC).

This bulletin revision adds the 19XR information.

INFORMATION:

The factory has taken steps to change the length of the sensor to minimize the chances of failure due to the turbulence of the discharge gas stream. The new sensor, HH-79NZ-059, extends 1/4" (6.3 mm) into the gas stream rather than 2" (50.8 mm) as in the case of the old sensor, HH-79NZ-047.

If a HH-79NZ-047 discharge sensor fails, replace it with the HH-79NZ-059. The Replacement Components Division has the HH-79NZ-059 sensors in stock. It would be good service practice to change the existing sensor to the HH-79NZ-059 if the machine's charge has been removed or placed in the storage vessel. The factory use of Loctite may require the application of heat to remove the sensor. Unfortunately, there is no external marking on the sensor that would indicate its part number.

Compressors produced after November 18, 1997 will have the HH-79NZ-059 discharge sensor installed.

19XR compressors produced after July, 1998 have the HH-79NZ-059 discharge sensor installed.