



Carrier

A United Technologies Company

REPLACEMENT COMPONENTS DIVISION

SERVICE BULLETIN

SUBJECT: Corroding Sensors

NUMBER: C9628

DATE: 9-10-96

SUPERSEDES:

MODELS AFFECTED: All PIC Control Chillers

DATE:

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PURPOSE:

To advise of a change in the grommet of the temperature sensor connectors and of a field fix to prevent moisture from getting into the sensor through the connector.

BACKGROUND:

If the grommets in the sensor connectors are not tight, it is possible for condensate to follow the wires into the sensor and cause corrosion.

IN THE FIELD:

The easiest remedy for this situation in the field is to coat the terminals and plug the assembly with a dielectric grease to prevent moisture from entering the plug. Dielectric greases are available at electronic service centers. Radio Shack has a product marketed as a moisture resistant heat sink grease. Another which is available is a General Electric product marketed as GE G661 Silicone Dielectric Compound. Do not use any product that is not identified as suitable for use with electronics such as silicone compound. Many of these products out gas acids that could be more of a detriment.

IN THE FACTORY:

A new grommet which fits more snugly around the wires is being used. The new grommet can be identified by color, which is red, as opposed to the older grommet which was green.