



Carrier

A United Technologies Company

REPLACEMENT COMPONENTS DIVISION

SERVICE BULLETIN

SUBJECT: Brass Water Side Pressure Transducers for PIC II

NUMBER: C0109

DATE: 3-5-01

SUPERSEDES:

DATE:

PAGE: 1 of 2

MODELS AFFECTED: 19XR, XRV & 23XL Chillers with PIC II Controls

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PURPOSE:

This bulletin is to inform the field of the availability of brass-bodied pressure transducers for waterside pressure readings and to suggest adding dirt legs in the transducer piping.

INFORMATION:

To reduce the number for problems related to corrosion of the water-side pressure transducers, the Replacement Components Division (RCD) is now providing brass-bodied transducers which can be ordered as part number HK-05YZ-007. This change is reflected in the latest RCD parts catalog. These transducers were also introduced into production in July 2000.

In addition to installing the new transducer, we also recommend the use of dirt legs (traps) to allow an operator the opportunity to clean out the dirt and corrosive material periodically. The drawing attached (page 2) shows the dirt leg installed.

***CAUTION:** Do not confuse this brass transducer with the one that is used for 30 Series products, which is part number HK-05YZ-001. It will not operate correctly for our application due to differences in the Maximum Supply Current and Pressure Reading. For your reference, here is a table with the Manufacturer's part numbers.

<i>RCD/Carrier Part Number</i>	<i>Manufacturer's Part Number</i>	<i>Max. Supply Current</i>
HK-05YZ-007	2CP5-32-1	8.0 mA
HK-05YZ-001	2CP5-39	20.0 mA

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