

BULLETIN

A United Technologies Company

Carrier Corporation

North American Operations

Date: 5/13/98 Subject: PIC REPLACEMENT MODULES Dept: CSS TECHNICAL SUPPORT
 Number: SMB980024 Author: MARK SPARLING

Mark A. Sparling

SITUATION:

Some concern has been raised about the proper part numbers to order when placing an order for a replacement processor (PSIO1 or master PSIO) for some of our equipment. This bulletin should be kept handy to refer to when ordering a replacement PSIO1. For centrifugal or applied products, the Master PSIO is designated by a PSIO11 on the panel. The 16JT uses a comfort controller type module for the Master PSIO.

SOLUTION:

The first step in determining the proper part to order is to identify the unit model number and serial number for the equipment the PSIO is in. Oftentimes, the contractor may remove the part and try to order the part based on the assembly part number on the module. Most of the modules will have the assembly part number of HK50AA020 or HK50AA023. This is NOT the correct part to order as this is the part number of a BLANK PSIO module. The module must be downloaded with the appropriate software to control the equipment it is installed in. A new sticker is placed on the module to identify the software inside and the completed assembly part number. The completed assembly part number is the one which must be used in ordering the replacement part.

After determining the model and serial number of the equipment, use the following chart to order the correct replacement PSIO1 module.

M-616 (8-96)

912-081

AIR HANDLERS:

39L (Limited units sold, can be replaced with
 Phase II PIC)

39LC400063

39L,N,T (Phase II PIC)

39NA41002502

* These units were limited release field trial units. DK became NP,NB and GB became GN.

NOTE OF CAUTION: If the module being replaced is identifiable as an HK50AA020, it would be better to order the replacement module than to try and have the old module downloaded with software to save money on the repair. The new replacement module will be an HK50AA023 which has some hardware improvements. These hardware changes were made to improve reliability and life of the replacement part.

MAIL KEYS: 2.14 2.19 2.27A 2.30 2.32 2.32I 2.40I 2.40M 5.25A 5.25G

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EQUIPMENT

REPLACEMENT
PSIO1 P/N**ROOFTOPS:**

48/50DK*, NK,NY 20-27 Ton	50DJ409212
48/50DK*, NK,NY 30-40 Ton	50DW402859
48/50DK*, NK,NY 50-70 Ton	50DW402858
48/50DK*, NK,NY 80-100 Ton	50DJ509152
48/50NP,NB (All units can be upgraded to this version)	50DW404638

CHILLERS:

30HR	30HR503892
30GB*, GN 40-420 (Up to 3894NNxxxxxx Flotronic II Phase 2A)	30GT510214
30GN 40-420 (After 3894NNxxxxxx Flotronic II Phase 3)	30GT514380
30HXA,HXC	30HX500802
30GX 080, 150, 160	30GX502176
30GX 151, 161, 175	30GX502177
30GX 176-265	30GX502179
16JT	16JT810-720
17EX,FA	17EX54001801
19EX/EF/FA	19EX54001901
19XL/XT	19XB04008501
19XR/XRT	19XR04006001
19XR (Frame 5 Compressor Only)	19XR54004601
23XL	23XL04007001

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