



INTERNATIONAL LTD
THERMAL RESEARCH

TECHNICAL BULLETIN

Heating Systems	May 10, 2007	Bulletin Identification No.: MTB-098-30
Release Type: Public		

Affected Model(s): CH50, H2, H2L, HWH, SCH25, and CO32 heaters

Effective Date: March 30, 2007

Effective Serial Number: CH50X-XXXX-1229 (including 1206 to 1214)
H2X-XXXX-1241 (including 1039, 1040, 1230-1232, and 1237)
H2LX-XXXX-1076
SCH25X-XXXX-1039

Description: **Compressor with stainless steel flappers**

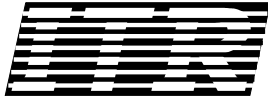
Part No. (Old): **007CDC19 (used on CH50, H2, H2L, and HWH)**
007CDC13J (used on SCH25 and CO32)

Part No. (New): **007BDC19**

Short description of change:

The 007CDC19 and 007CDC13J compressors, which have Viton valves, are being replaced by the 007BDC19 compressor which has stainless steel flappers. Note that for the CO32 and SCH25 heaters that are already in the field, the 007BDC19 compressor cannot directly replace the 007CDC13J. Only the compressor head can be replaced.





If a 007CDC19 or a 007CDC13J compressor that is already in the field happens to lose suction or start pushing air out of the inlet, use the following instructions to replace the existing compressor head with a replacement head that has stainless steel flappers:

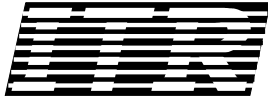


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	<p>S/S flapper head assembly consisting of:</p> <ol style="list-style-type: none"> 1. hold down plate (hole in the middle) 2. S/S flapper head <p>Tools required are:</p> <ol style="list-style-type: none"> 1. Torx T-15 2. Torx T-20 or flat head screw driver.
	<p>Step 1:</p> <p>Remove the head of the compressor by removing the four screws located on the top.</p>
	<p>Step 2:</p> <p>When the head is removed, 4 other screws are revealed. Unscrew these 4 screws to remove the hold down plate.</p> 



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Step 3:

Take the new hold down plate (has hole in the middle) and screw it back on the compressor. (maximum 13" lbs torque)



Step 4:

Take the S/S head and screw it back on the compressor using the four black screws. (Maximum 40" lbs torque)



Step 5:

Attach the air filter to the Inlet and scrap the old parts.