



# KIT PRESSURE/TEMPERATURE SENSOR

100036, 100036-1, 100037, 100037-1.



**Installation and servicing of Danfoss Turbocor® compressors by qualified and product trained personnel only. Follow these instructions and sound refrigeration/electrical/servicing practices relating to installation, commissioning, maintenance and service.**

<p>Consult the appropriate DTC Service Manual on <a href="http://turbocor.danfoss.com">turbocor.danfoss.com</a> for detailed service instructions.</p>	<p><b>Never power compressor without covers in place and secured.</b></p> <p><b>Removing the mains input cover will expose you to a voltage hazard of up to 575V. Ensure the mains input power is off and locked out before removing cover.</b></p> <p><b>Before removing top cover, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.</b></p>	<p>Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.</p> <p><b>This equipment contains hazardous voltages that can cause serious injury or death.</b></p>	<p><b>Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components.</b></p>
--	---	---	---

## 1 - Introduction:

SUCTION PRESSURE/TEMPERATURE SENSOR Removal and Installation Instructions.

Incoming power to the compressor should be de-energized.

## 2 - Removing Refrigerant from Compressor:

- Recover refrigerant from compressor in accordance with local codes and practices.

## 3 - Removal Instruction:

1. Unplug the sensor connector.
2. Using a deep 15/16" socket, remove the sensor from the IGV housing assembly.



## 4 - Installation Instruction:

1. Apply 'O'-lube on the new sensors' 'O' Ring.
2. Align the sensor over the mounting hole, insert and tighten by hand.
3. Using a torque wrench apply 7N.m torque.
4. Plug in the sensor connector.

NOTE: It is far more desirable to take care in installation, identifying, and inspecting than to repeatedly overhaul components with faulty seals. In order to be sure that the system is sealed perfectly, it is necessary to carry out a leak test before recharging the system.

5. Carry out a leak test and recharge the system to start the compressor.

Kit Contents

QTY	Part(s) Description	Picture(s)
1	SENSOR-PRESSURE/TEMPERATURE	
1	LUBRICATION-SUPER "O" LUBE-2G	

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.