



KIT STRAINER FOR COOLING ADAPTOR

100186, 100186-1



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 turbocor.danfoss.com for detailed service instructions.</p>	<p>Never power compressor without covers in place and secured.</p> <p>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.</p> <p>Before removing top cover, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.</p>	<p>Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.</p> <p>This equipment contains hazardous voltages that can cause serious injury or death.</p>	<p>Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components.</p>
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1 - Introduction:

STRAINER FOR COOLING ADAPTOR Removal and Installation Instructions.

2 - Removing Refrigerant from Compressor:

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



3 - Replacement Instructions:

- It is far more desirable to take care in installation identifying and inspecting 'O' Rings than to repeatedly overhaul components with faulty seals.
1. Ensure that the area used for installations is clean and free from all contamination.
 2. Assembly must be made with care so that the components is properly placed in the cooling inlet and not damaged as the housing is closed.
 3. Close suction, discharge, economized and cooling line valves
 4. Disconnect cooling line by loosening the CAP 3/8" SAE FLARE SEALING NUT and remove strainer.
 5. If you need to use the new cap SAE flare sealing nut you may need to remove flare neck or cut the cooling line to assemble the new one.
 6. Clean the threads and cooling line inlet using a soft brush
 7. Don't blow air in to the cooling inlet to clean it. Air flow can force particles and contamination in to the cooling path and cause valves malfunctioning.
 8. Insert strainer in to the adapter
 9. Align cooling line with the inlet of the adapter.
 10. Tighten the cap 3/8 SAE FLARE SEALING NUT UP TO 18.0 Nm.



11. Carry out a leak test and start the compressor.

Kit Contents

QTY	Part(s) Description	Picture(s)
1	STRAINER - ADAPTER, SCREEN FITTING	
1	'O' RING	

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