



KIT ECONOMIZER FLANGE

100400, 100450, & 100450-1.



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 Danfoss Turbocor Compressors (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:

ECONOMIZER FLANGE Removal and Installation Instructions.

This kit contains the Economizer Flange, O-ring, and associated hardware.

We have made the **TTS/TGS/TTH/TGH Service Manual** available to anyone. To access the manual, you may scan the applicable QR code below or you may go to our DTC website at www.turbocoroem.com. At the top of the page there is a pull-down menu called "Quick Links." Click this menu and select the appropriate service manual.

Refer to the applicable QR code below to download the TTS/TGS/TTH/TGH Service Manual.

English



Chinese



2 - Installation Instructions:

1. Isolate compressor power.
2. Isolate the compressor and recover the refrigerant according to industry standards.
1. Remove blind flange and align economizer pipe and flange.
2. Complete flange welding or brazing process.
3. Clean O-ring groove.
4. Apply O-ring lube on O-ring.
5. Insert O-ring onto the O-ring groove on the main housing.
6. Assemble the four sets of M10 x 30 hex head screws and lock washers.
7. Align the economizer valve/flange with the compressor economizer port (see Figure 1) and insert the four hex head screws. Tighten the screws to 22 N-m.
8. Leak test and evacuate compressor in accordance with standard industry practices.
9. Return the compressor to normal operation.

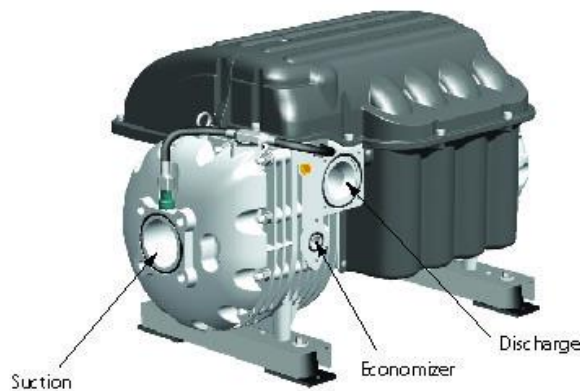
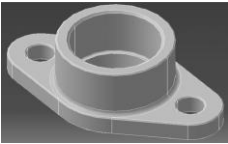






Figure 1 Economizer Port

3 - Kit Contents:

QTY	Part(s) Description	Picture(s)
1	FLANGE SWEAT (ECONOMIZER)	
2	WASHER, M10 SPRING	
2	SCREW M10X30 S/HD CAP	
1	O-RING	
1	LUBRICATION-SUPER O-LUBE-2G	

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