



# KIT BRACKET MAINS INPUT PLATE

100216, 100217, 100218, and 100219.



**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 Inc. (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>
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1 - Introduction:

BRACKET MAINS INPUT PLATE replacement.

2 - IMPORTANT NOTICE:

These components should only be replaced by technicians trained and competent in Danfoss Turbocor Compressor service techniques/procedures.

Danfoss Turbocor Compressor electrical isolation and ESD protection and personal grounding procedures must be followed. These procedures are found in Sections "Electrical Isolation of the Compressor" and "Handling Electronic Static Devices" of the Service Manual (M-SV-001).

- ⚠ Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage. Faulty components can explode and cause serious injury or death.
- ⚠ Care must be taken in removal and installation of the covers to prevent the screws from falling in to the power electronic compartment. Dropping cover screws can cause a short circuit, energized components to explode, and damage to the power electronic parts of the compressor. Place the screws carefully after positioning the covers to minimize the risk of screws falling in to the power electronic areas.

This kit contains the Mains Input Bracket and the associated hardware. Please refer to our Service Manual for details regarding the replacement of the bracket.

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](http://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**



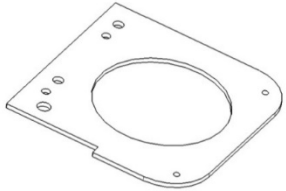


**3 - BRACKET MAINS INPUT PLATE Removal Instructions:**

1. Isolate compressor power as described in Section "Electrical Isolation of the Compressor" of the Service Manual (M-SV-001).
2. Remove the Mains Input Cover.
3. Disconnect the main input cables from the compressor terminals.
4. Disconnect the main input ground cable and Soft Start ground wire from the ground post.
5. Remove the cable gland that secures the mains input cable conduit to the mains input bracket.
6. Remove the Mains Bracket.

**4 - BRACKET MAINS INPUT PLATE Installation Instructions:**

1. Install the Mains Input Bracket.
2. Connect the Soft Start ground to the ground post, secure it with the nut.
3. Install the cable gland that secures the mains input cable conduit to the Mains Input Bracket.
4. Connect the main input cables from the compressor terminals.
5. Install the Mains Input Cover.
6. Return the compressor to normal operation.

**5 - Kit Contents:**

QTY	Part(s) Description	Picture(s)
1	BRACKET - MAINS INPUT	
2	WASHER M6 SPLIT LOCK	
2	SCREW M6x16 SOCKET HEAD CAP	

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