

Customer Notification

B-CN-083-EN Rev A

10/6/2017

SUBJECT: TT & TG Series Nameplate Changes

Purpose

This notice is to inform our customers that, due to recent product developments and changes to International Safety standards, the nameplate on the TT and TG series compressors is being updated.

Resulting from these changes, the nameplates have been updated to include the following changes:

- Updated Danfoss Logo
- Removal of the Refrigerant Designation
- Standardization of the Maximum High Side Pressure (PS) values across all TT and TG Series Compressors

These changes to the nameplate will be introduced in October 2017.

Summary

Danfoss has revised the nameplate to the TT and TG series compressors due recent product developments and changes to relevant International Safety Standards.

Standardization of Maximum High Side Pressure (PS) values

On TG series compressors, the maximum high side pressure value (PS) is being standardized with the TT series compressors. With the release of EN378-1:2016, Refrigerant 1234ze has been listed as PED fluid group 2 which is the same as R-134a. As a result of this change, the PS values will be increased on all TG series compressors to 20.7 bar / 300 PSIG which is the same as for the TT series compressors.

Additionally, as a result of the harmonization between UL standards and EN60335-2-34, the PS value between CE and NC units is also being standardized.

The result is that all TT and TG series compressors will have the same PS value and will be marked as 20.7 bar / 300 PSIG.

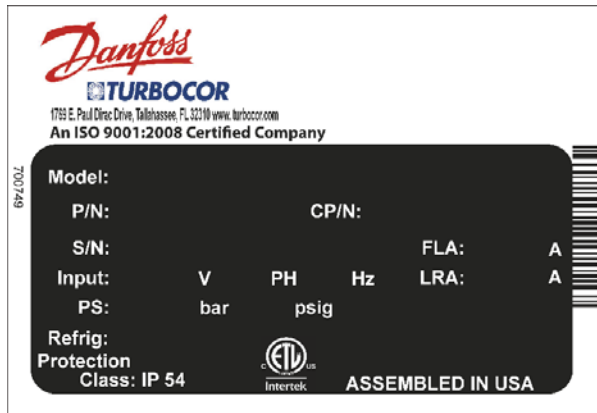
Removal of Refrigerant from Nameplate

In addition to R-134a, the TT-series Compressors have recently been approved for use with refrigerant R-513A. This only applies to new major revision "F" and later compressors which have materials compatible with R-513A and having the latest BMCC firmware version 4.1.x installed. Using R-513A in a compressor which is major revision "E" or earlier is not allowed as the materials are not compatible.

Only BMCC firmware version 4.1.x has the ability to select between the refrigerants R-134a and R-513A.

With the ability to select the refrigerant for the same TT compressor model, the nameplate which currently has the refrigerant type engraved, has been updated. The refrigerant has been removed on

the new design of the nameplate. Refer to Figure 1 (Nameplate Comparison) for an example of the differences between the old and new nameplates.



Old Nameplate



New Nameplate

Figure 1 – Nameplate Comparison (-NC type Shown)

Action Required

No action is required at this time.

Need Assistance

For further questions, please contact your Key Account Manager or product.support@danfoss.com.