

## Bulletin | Danfoss Turbocor Compressors

# Customer Notification

B-CN-419-EN Rev A

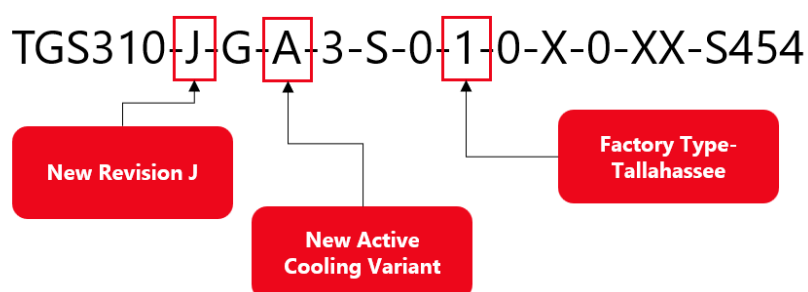
December 19, 2025

**SUBJECT: Active Cooling Application Release**

## Purpose

The purpose of this bulletin is to inform our customers of the **release of the new Active Cooling Application Option** for select TTS/TGS/TTH/TGH compressors.

The Active Cooling option enables compressors to operate at higher saturated suction temperatures (SST), reach higher saturated discharge temperatures (SDT), and deliver more capacity at high temperature conditions. In addition, Active Cooling compressors can operate across the entire SST range of both Standard and High temp compressor options and at extended SSTs, providing maximum versatility and flexibility.



**Figure 1 – Type Code Example**

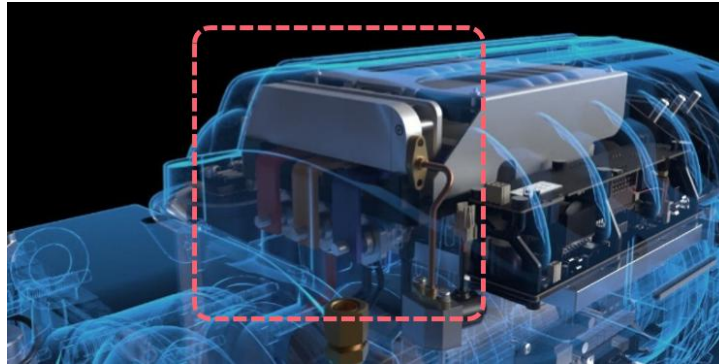
The Active Cooling Option is available for **four compressor models: TTS350, TGS310, TTH375, and TGH285**. These new compressors are being introduced as the next Major Revision of Turbocor TTS/TGS/TTH/TGH compressors, Major Revision "J". Active Cooling compressors are currently available from the Tallahassee Factory and will later be extended to the Nordborg and Haiyan factories. Active Cooling compressors are available with Firmware Version 4.4 and are not compatible with previous firmware versions.

To order Active Cooling compressors, customers may select **Major Revision "J"** as the 7<sup>th</sup> character, **Application Type "A"** as the 9<sup>th</sup> character, and **Factory Code "1" or "3"** as the 13<sup>th</sup> character of the compressor Type Code (see Figure 1 above).

## Summary

Introducing Active Cooling, a cutting-edge solution designed to maximize capacity and application temperature flexibility with the industry-leading efficiency of Danfoss Turbocor compressors.

Active Cooling optimizes Turbocor® compressors for demanding high-temperature data center cooling, extreme ambient conditions, and heating applications. To provide unparalleled flexibility, Active Cooling compressors combine Standard and High SST operating envelopes, allowing a single compressor to master many different applications.



**Figure 2 – New Active Cooling Circuit**

### **Application Resources**

Revision T.4 of the TT/TG Series Applications and Installation Manual has been published and includes these new Active Cooling models. Please refer to the Compressor Operating Envelopes or contact your Danfoss Turbocor Applications group for further information regarding the significantly expanded SST and SDT ranges and increased performance of Active Cooling compressors.

### **Aftermarket Resources**

There are new spare part kits available for Active Cooling compressors. These kits are included in Revision K.3 of the TT/TG Series Spare Parts Selection Guide. Additionally, Revision H.3 of the TT/TG Series Service Manual will be released at a future date with support for service of Active Cooling compressors.

### **Firmware Version 4.4.0**

With the release of Active Cooling, firmware version 4.4.0 is now available for the TTS350, TGS310, TTH375, and TGH285. This also includes application types other than Active Cooling. Please refer to bulletin B-CN-306 for more information about firmware version 4.4.0 and to bulletin B-CN-421 for the latest configurations.

Danfoss Turbocor Technical Publications can be found on our website ([www.turbocoroem.com](http://www.turbocoroem.com)).

### **Action Required**

Customers interested in purchasing the new Active Cooling Application compressors can find pricing and Type Code information in the Danfoss Product Store or reach out to their Key Account Manager for pricing details. Orders can be placed with the local Danfoss Customer Experience Account Team or directly through the local Danfoss Product Store, as applicable.

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## Need Assistance

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For more information, please contact your Key Account Manager or our Applications group at [dtcapplications@danfoss.com](mailto:dtcapplications@danfoss.com).

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