

# Customer Notification

B-CN-100-EN Rev A

7/11/2018

**SUBJECT:** Compact Inverter Tester Release Notice

## Purpose

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This bulletin is to notify all customers that Danfoss is introducing new Compact Inverter Testers to be used to test SKiiP Inverters.

For TT/TG compressor models, the new Compact Inverter Tester will allow users to verify that the inverter is functioning correctly, and to verify the functionality of the control card. This can be done with the Inverter remaining attached to the compressor and will not require removal like the previous inverter tester.

As a result, Danfoss will be making the previous Inverter Tester (100248) obsolete, and the new Compact Inverter Tester will be part number 100377.

## Summary

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The new Compact Inverter Tester is field friendly and can determine whether an inverter failure is from the Inverter or the Control Card. The new accessory part number is 100377.

Note that the power supply for the Compact Inverter Tester is not CCC certified and may have difficulties importing into China. The power supply is CE certified and comes with connections suitable for Europe and North America.



**Figure 1 – New Compact Inverter Tester**

The purpose of the new tester is to verify switching functionality of the Inverter on Danfoss Turbocor® TT/TG compressors. The tester provides all power necessary to interface with the Inverter module during testing. The new tester is designed to only perform static tests. This device will test the high voltage section, both top and bottom diodes of each section, and the driver board of the Inverter. No testing should be performed with the compressor itself powered on.

## Action Required

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Consult with your Key Account Manager or our Customer Service Representatives for the exact kit availability at the time of ordering. For orders placed using the old part number, the Customer Service Representative will automatically update the order to the new spare part kit number.

For further questions, please contact [turbocor.ps.na@Danfoss.com](mailto:turbocor.ps.na@Danfoss.com).