

Customer Notification

B-CN-204-EN-Rev A

09/27/2019

SUBJECT: Compressor Inert Gas Change

Purpose

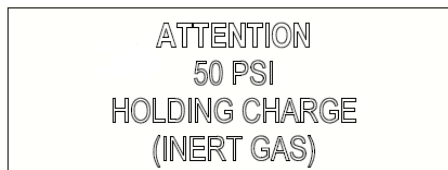
This is to inform our customers of a change to the inert gas pressurized in all assembled compressors leaving our factories in Tallahassee, Florida and in Haiyan, China. This change will be implemented on all compressors shipped out after September 27, 2019.

Currently, compressors are charged with 25-50 psi of helium (He) and will now be charged with 15 psi of nitrogen (N₂). This lower pressure is sufficient to prevent moisture and foreign material from entering the compressor.

We have made the switch from non-renewable helium to renewable nitrogen as an improvement to our manufacturing process. Additionally, the lower pressure will still prevent the ingress of moisture and other contaminants as well as make it safer when relieving the pressure prior to installation.

Compressor labels will change to reflect the reduced pressure of gas. These labels are placed on the suction and discharge blanking plates to remind the technician to safely remove the gas.

Current Label



New Label



Action Required

As always, please relieve the pressurized nitrogen through the Schrader valves prior to removing the suction and discharge blanking plates.

If the need arises to ship a compressor back to Danfoss, we strongly recommend charging the compressor with a non-toxic renewable inert gas such as nitrogen to 15 psi.

DANGER! – Nitrogen displaces oxygen, therefore, never breath in pure nitrogen as it can lead to suffocation and death.

Need Assistance

Please contact our Applications department by emailing Turbocor.Apps.NA@Danfoss.com or your KAM should you have any questions regarding this change.