



Danfoss Drives A/S

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Manufacturers Declaration

Danfoss Drives A/S
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declare that the below listed unit series are comparable to the units that has been subjected to the *Battelle Gx Mixed Flow Gas Test*, at Battelle Memorial Institute, Ohio, USA.

VLT[®] series 5000 (VLT[®] 5001-5500, 200-500 Volt AC)
VLT[®] series 6000 HVAC (VLT[®] 6002-6550, 200-460 Volt AC)

The test is an accelerated test performed for three weeks, and equals ten years in a Gx environment. The test was developed to achieve realistic simulation through the synergistic effects of low concentrations of the relevant pollutants, humidity and temperature.

Based on the Battelle test we did classify our units according to ANSI/ISA-S71.04-1985 Class G2 for uncoated units, and Class G3 for coated units, which is comparable to IEC721-3-3 class 3C2 & 3C3. In our manual we classify this as written below.

Aggressive environment (IEC721-3-3).....**Uncoated class 3C2**
Aggressive environment (IEC721-3-3).....**coated class 3C3**

The classification was made upon assessment of the test unit's appearance and functionality after the Battelle test. The fact that the test was made without dirt and without very high humidity (Battelle only 75 %RH), made us classify as we did, and not as Gx. Experience tells us that dirt and humidity also plays a big role, in an aggressive environment.

Issued by

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