



EMC – Laboratory

Test Report

No. 15172-1-1-R00

ICE Chiller

S/N: 4260339193712

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Customer: Brandsgroup24
Scipiostr. 11
28279 Bremen

Equipment under test: ICE Chiller, S/N: 4260339193712

Date of receipt: Feb. 29, 2016

Date of test: Mar.1-2, 2016

Test site: TÜV NORD CERT GmbH, Department EMV Services,
EMC-Laboratory

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|---|----------------------------------|--------------------|--|
| Test personnel: B.Sc. Philipp Schmidt | Phone 040 / 76629-1362 | Fax -506 | e-mail pschmidt@tuev-nord.de |
|---|----------------------------------|--------------------|--|

Participants: none

Applied standards:

EN 55014-1 (2006)
+ A1 (2009) +A1 (2011): Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission

DIN EN 55014-2 (1997)
+ Corr. 1997 +A1 (2001)
+ A2 (2008): Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity

EN 61000-3-2 (2006)
+A1 (2009) + A2 (2009): Electromagnetic compatibility – Part 3-2: Limits for harmonic current emissions (equipment input current <= 16A per phase)

- EN 61000-4-2 (2009): Electrostatic discharge immunity test
- EN 61000-4-3 (2006)
+A1 (2008)
+A2 (2010) : Radiated, radio-frequency, electromagnetic field immunity test
- EN 61000-4-4 (2012): Electrical fast transient/burst immunity test
- EN 61000-4-5 (2006): Surge immunity tests
- EN 61000-4-6 (2009): Immunity to conducted disturbances, induced by radio frequency fields
- EN 61000-4-11 (2004): Voltage dips, short interruptions and voltage variations immunity test

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Test results:

The device complies with the limits for:

- conducted emission (EN 55014-1)
- radiated emission (EN 55014-1)
- conducted discontinuous disturbances (EN 55014-1)

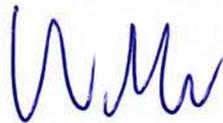
The device complies with the immunity requirement of EN 55014-2 against:

- electrostatic discharge (EN 61000-4-2)
- radiated, radio-frequency electromagnetic field (EN 61000-4-3)
- electrical fast transient/burst (EN 61000-4-4)
- surges (EN 61000-4-5)
- conducted disturbances, induced by radio frequency fields (EN 61000-4-6)
- voltage dips, short interruptions and voltage variations (EN 61000-4-11)

Notice: Harmonic current emissions in accordance with EN 61000-3-2 are not tested, because the EUT has a power consumption < 75 W.

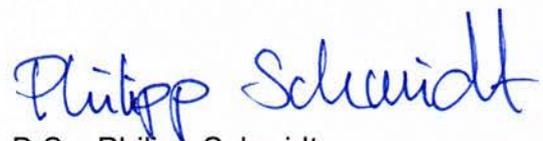
The results refer only to the equipment under test. Modifications of this test report or the publication of extracts require the written approval of TÜV NORD CERT GmbH.

Released:



Dr.-Ing. Thomas Weber
Head of laboratory

Issued:



B.Sc. Philipp Schmidt
Test Engineer