



AFTER SALES DEPARTMENT

TECHNICAL NOTE N° 002

Date : 06/05/03

Revision : 0

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Subject : **WHY FROST OCCASIONALLY FORMS IN WINE CABINETS**

TYPE OF UNIT : All wine cabinets

SERIAL NUMBER : All

DATE OF PRODUCTION : All

Frost outbreak on the inside back wall of TRANSTHERM wine cabinets is a normal phenomena. It results from the condensation of humidity in the surrounding air inside the unit when the inside back wall is cold (compressor is working or has just stopped).

Its accumulation is abnormal.

The primary reason for frost forming is the compressor working time is longer than the compressor stopping time.

The compressor could operate for too long or not stop for the following reasons :

- Door is not closed properly.
- Door seal is defective (not airtight).
- Solid door is deformed (glass doors are not affected).
- Hinges are not correctly adjusted.
- Door is opened too frequently.
- Faulty gas load due to a gas leak in cold circuit.
- Chest of the unit is deformed (casing brace is missing, etc).
- Unit with a glass door is installed in warm surrounding environment.
- Cabinet is installed near a heat source (window, electrical heater, etc).
- Cabinet is built in without correct ventilation conditions.
- Faulty thermostat or display in the regulation board.
- Cold setting is lower than recommended in the instructions manual.



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Other reasons for abnormal frost forming could be as follows :

- Bottles are in contact with the inner back wall of the cabinet.
- The room the cabinet is installed in is too damp (bathroom, laundry, pantry, etc).
- Gas load is too high in regard to the range of the cabinet.