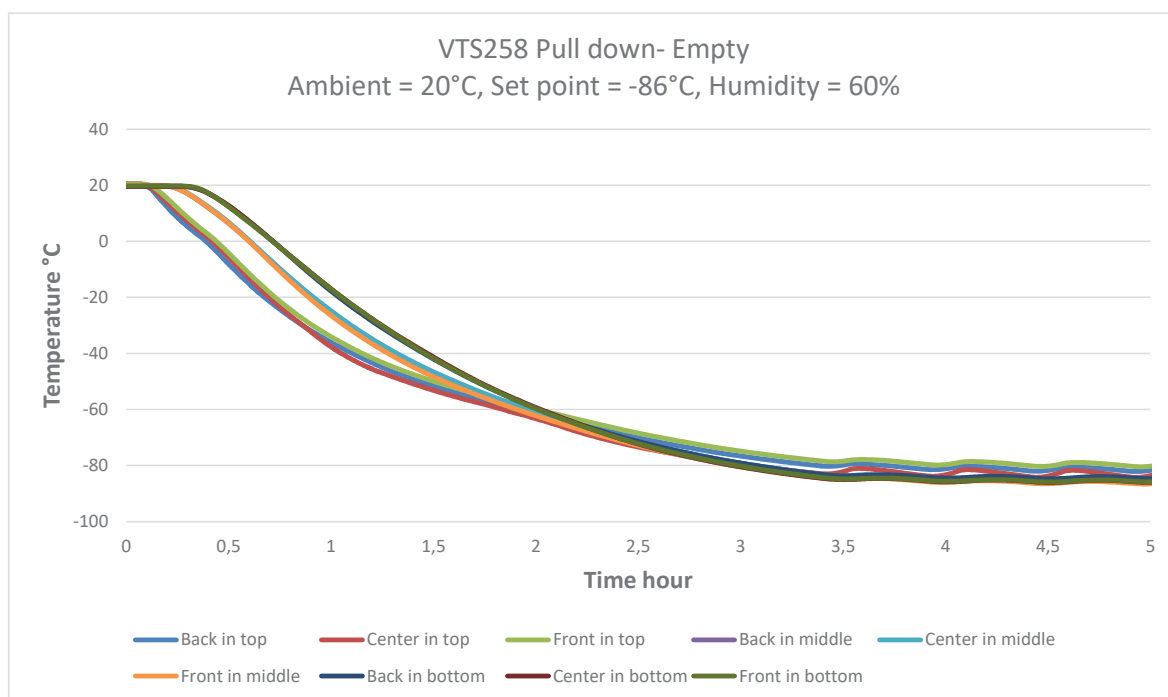


PRODUCT

VTS 258 PHARMACY REFRIGERATOR



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Pull down test from ambient temperature – VTS258

Test Conditions:

Model:	VTS258
SN:	73326804
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-86°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	9 points measure distributed diagonal in the cabinet layers. Sensors are placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R

Result of test:

Starting at ambient temperature, the set point was reached after 210min.

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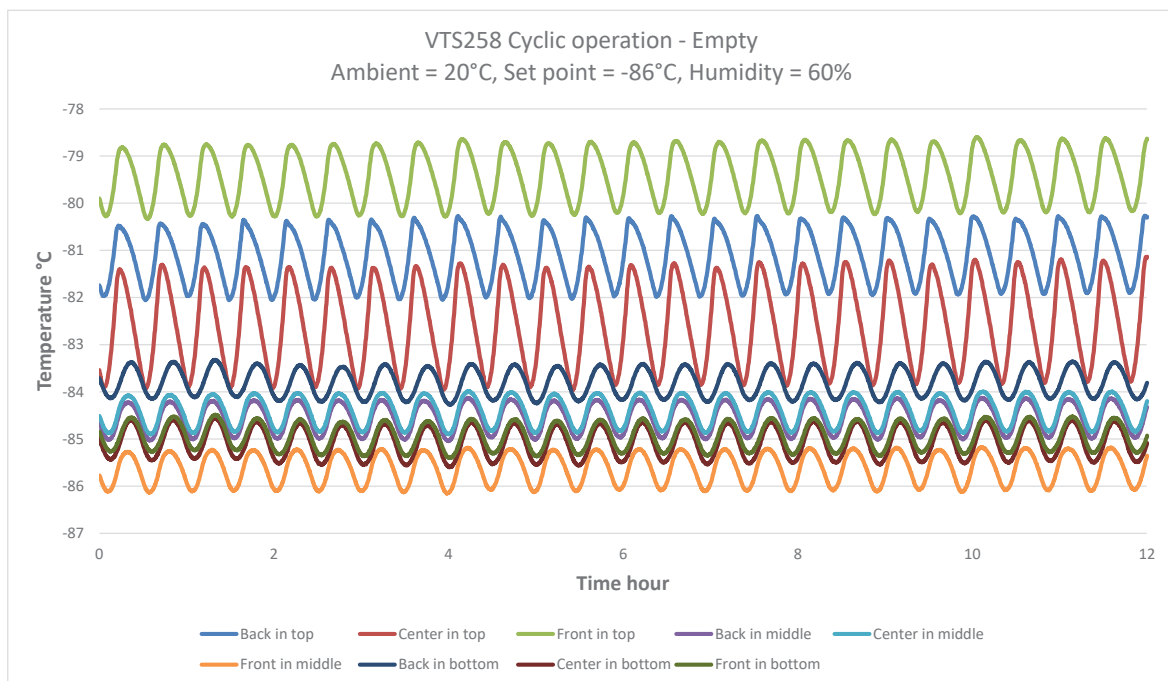
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Cyclic operation – VTS258

Test Conditions:

Model:	VTS258
SN:	73326804
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-86°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	9 points measure distributed diagonal in the cabinet layers. Sensors a placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R

Result of test:

At an ambient temperature at 20°C, the energy for 24 hour is 10,34 kWh.

The temperature difference between top and bottom is 4,8°C

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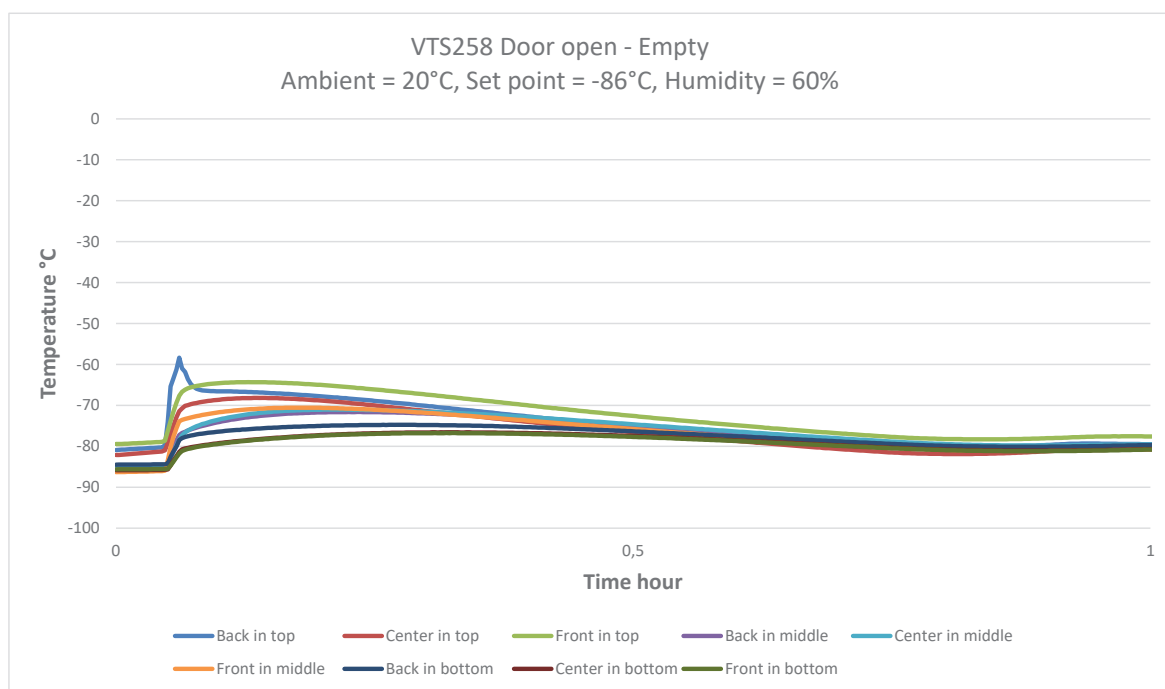
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Door open 1 minute – VTS258

Test Conditions:

Model:	VTS258
SN:	73326804
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-86°C
Cabinet load:	None
Door openings:	1 in 1 minute
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	9 points measure distributed diagonal in the cabinet layers. Sensors are placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R

Result of test:

Starting at set point, after a door opening of 1 minute, the temperature recovered to set point after 50 min

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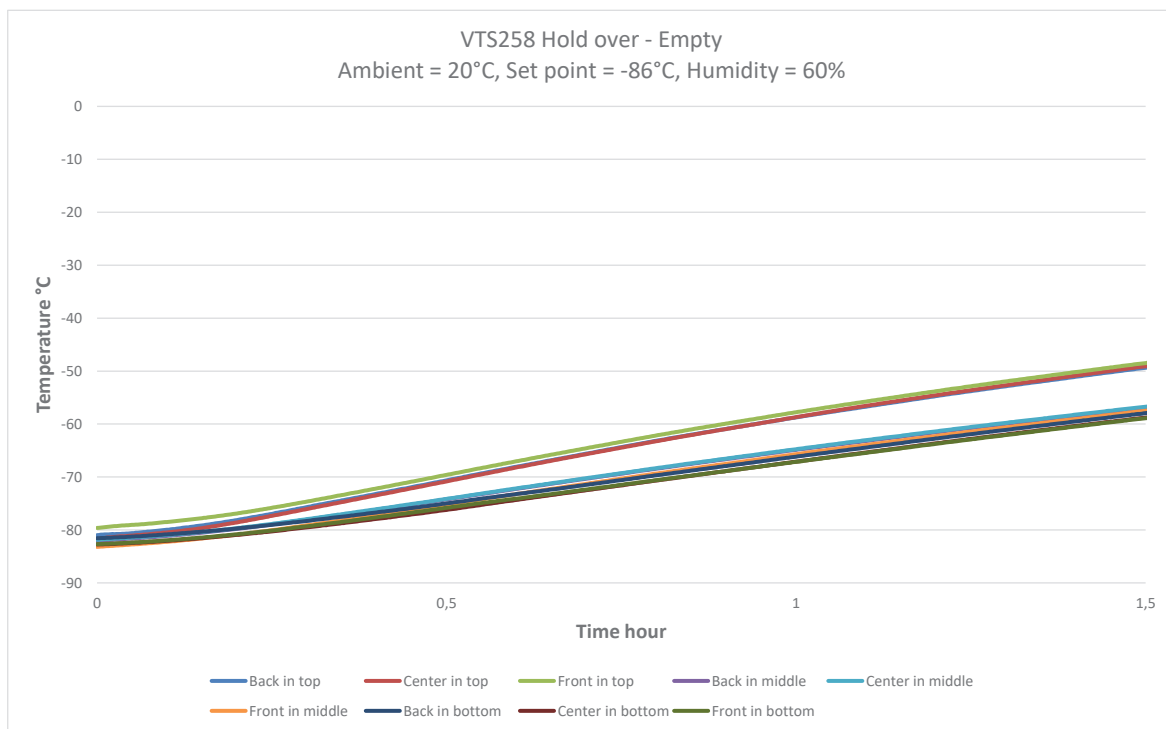
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Hold over time from -86°C to -60°C – VTS258

Test Conditions:

Model:	VTS258
SN:	73326804
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-86°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	9 points measure distributed diagonal in the cabinet layers. Sensors are placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R

Result of test:

Starting at set point temperature, the temperature rise above -60°C between 50min and 85min.

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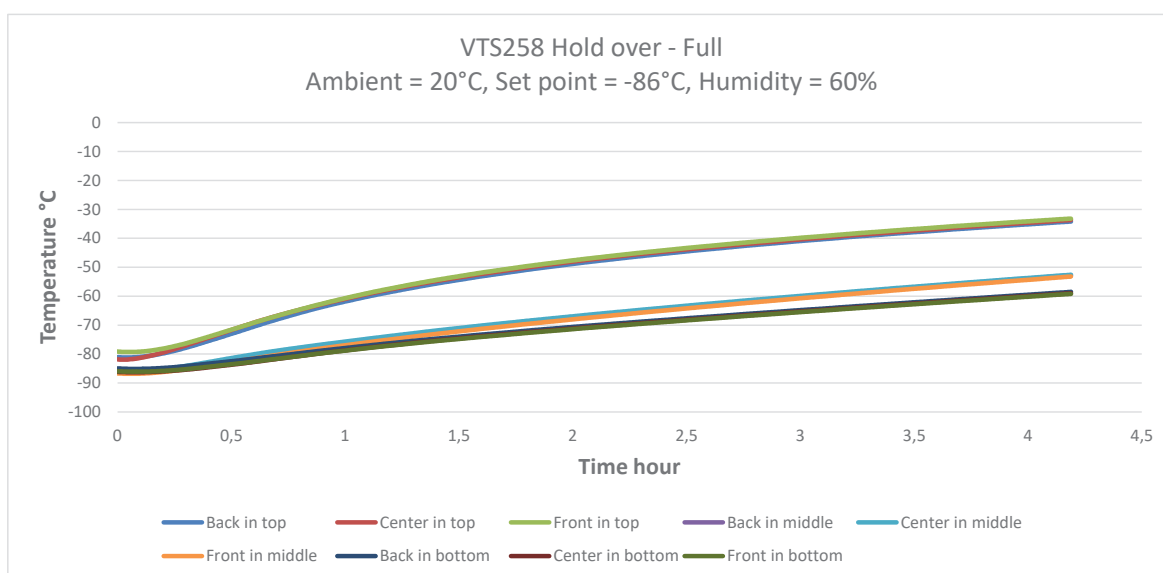
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Hold over time from -86°C to -60°C – VTS258

Test Conditions:

Model:	VTS258
SN:	73326804
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-86°C
Cabinet load:	Full
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	9 points measure distributed diagonal in the cabinet layers. Sensors are placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R

Result of test:

Starting at set point temperature, the temperature rise above -60°C between 62 and 245min.

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