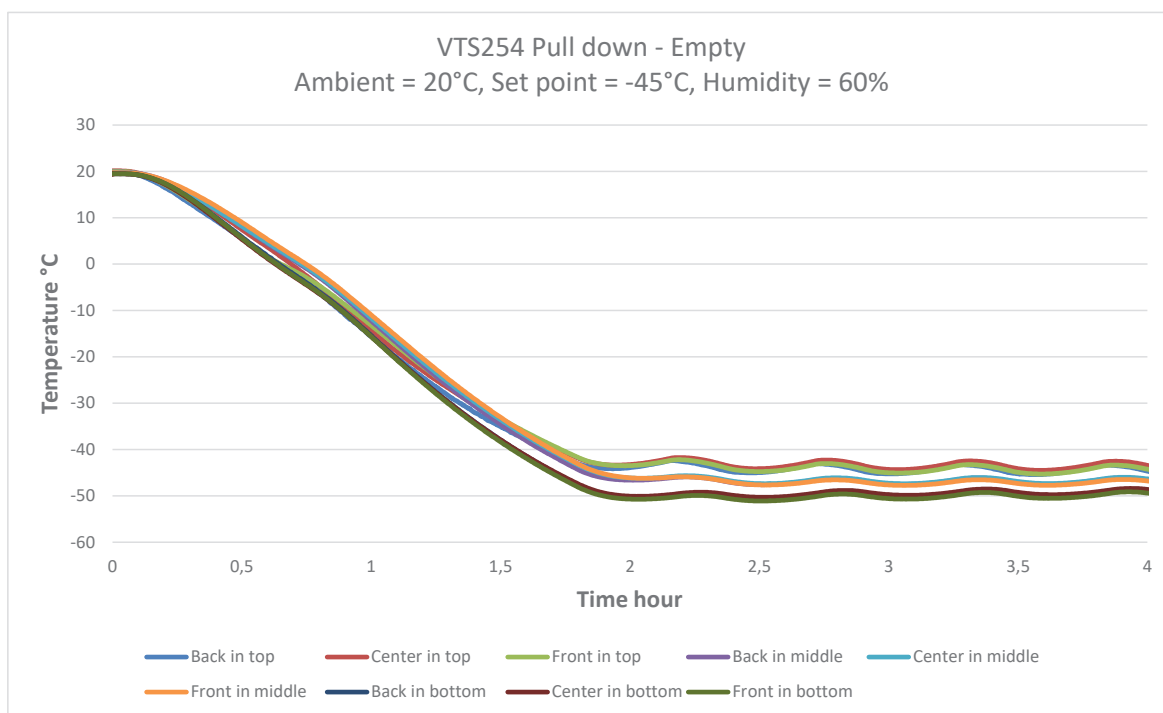


# PRODUCT

## VTS 254 PHARMACY REFRIGERATOR



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# PRODUCT

## VTS 254 PHARMACY REFRIGERATOR

### Pull down test from ambient temperature – VTS254

#### Test Conditions:

Model:	VTS254
SN:	82115102
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-45°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 115min.

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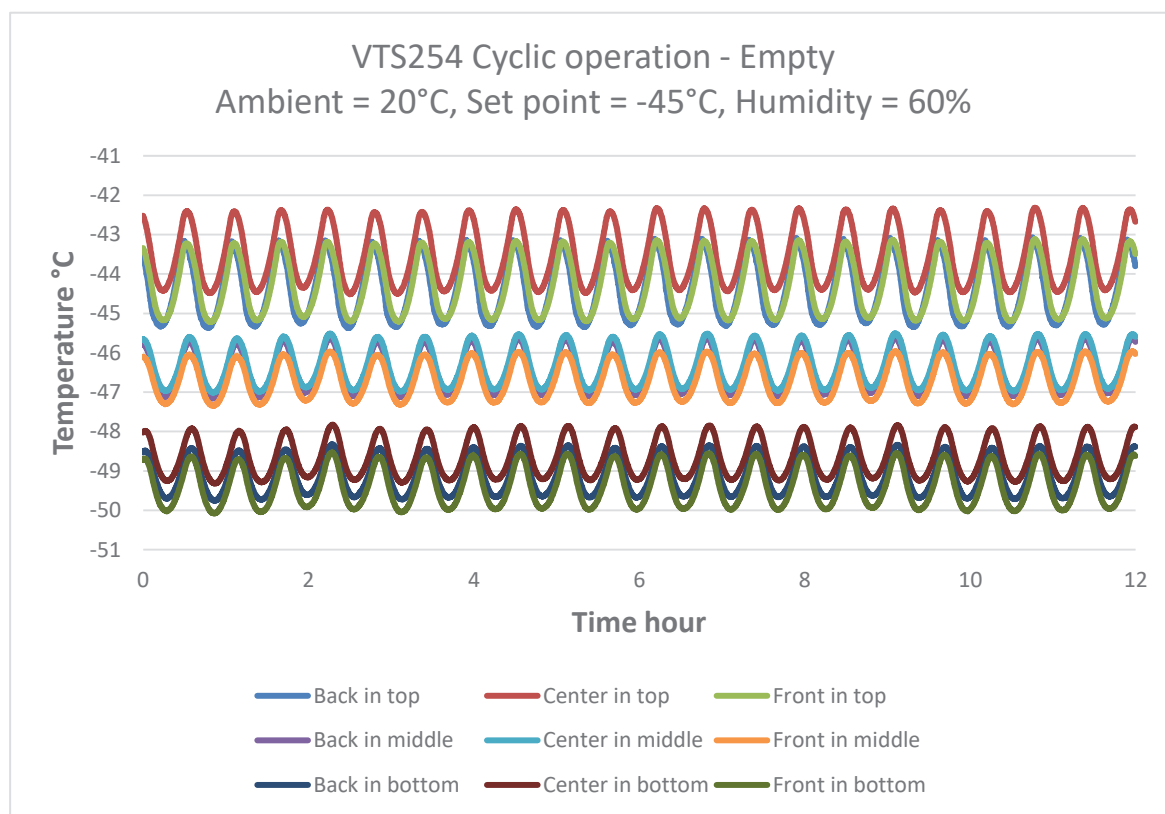
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# PRODUCT

## VTS 254 PHARMACY REFRIGERATOR

### Cyclic operation – VTS254

#### Test Conditions:

Model:	VTS254
SN:	82115102
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-45°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 4,884 kWh.

The temperature difference between top and bottom is 5,0°C

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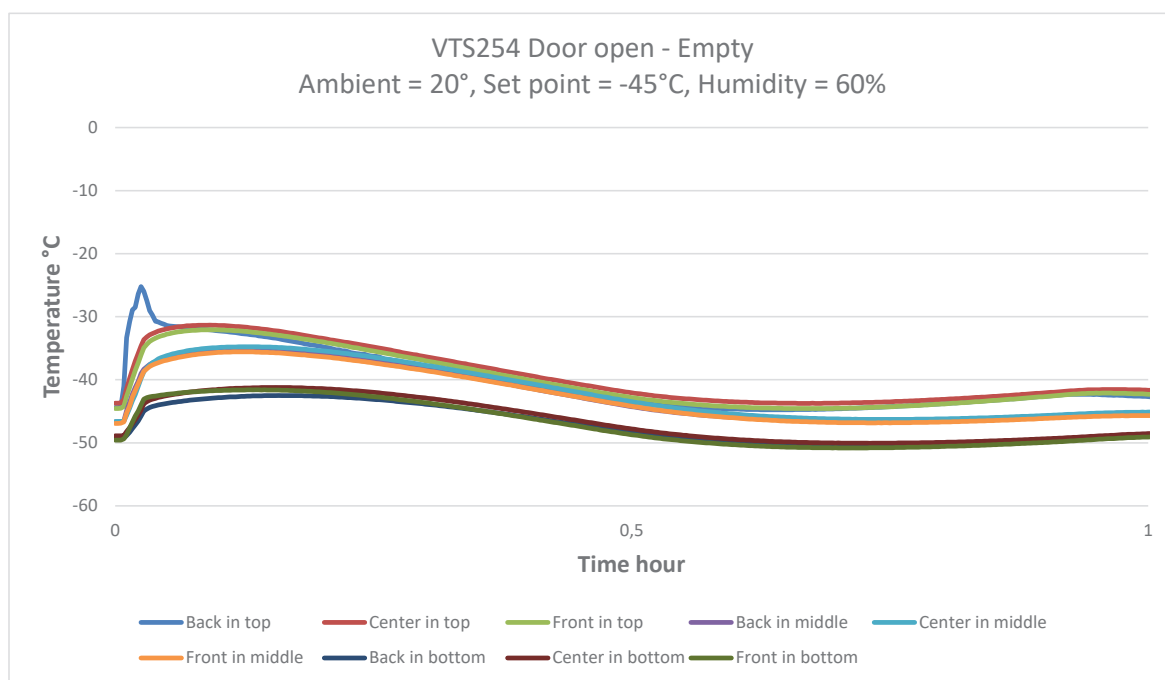
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## VTS 254 PHARMACY REFRIGERATOR

### Door open 1 minute – VTS254

#### Test Conditions:

Model:	VTS254
SN:	82115102
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-45°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 40 min

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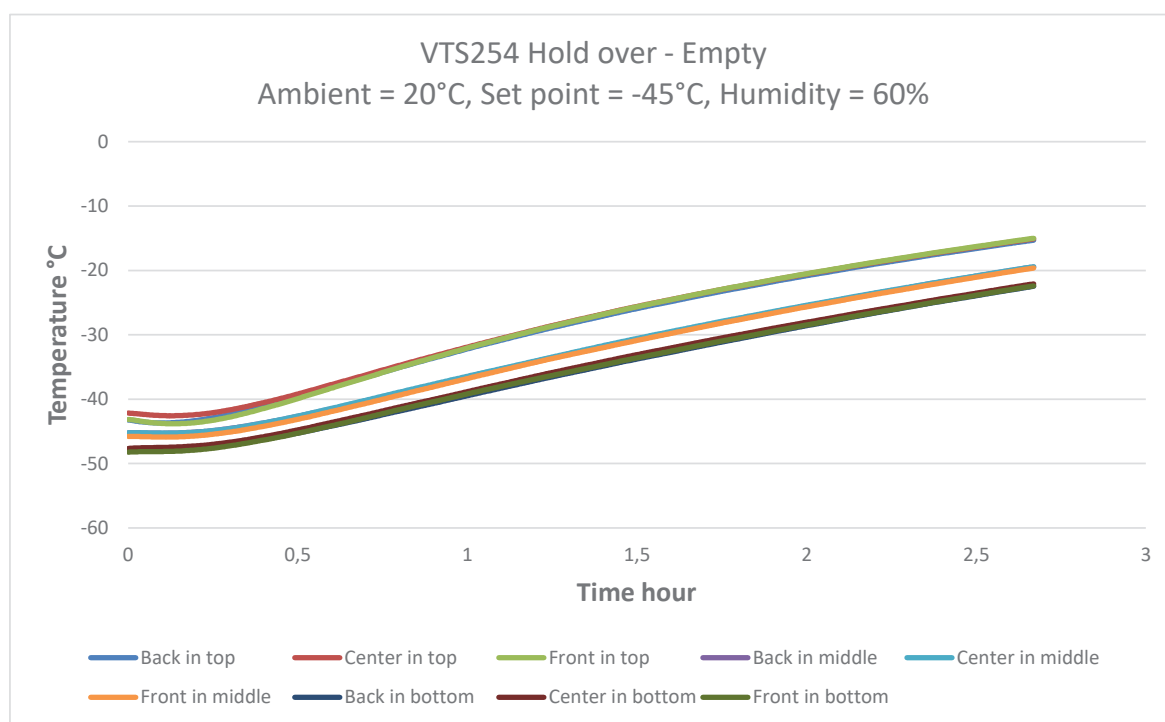
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## VTS 254 PHARMACY REFRIGERATOR

### Hold over time from -45°C to -25°C – VTS254

#### Test Conditions:

Model:	VTS254
SN:	82115102
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-45°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 -25°C between 96min and 140min.

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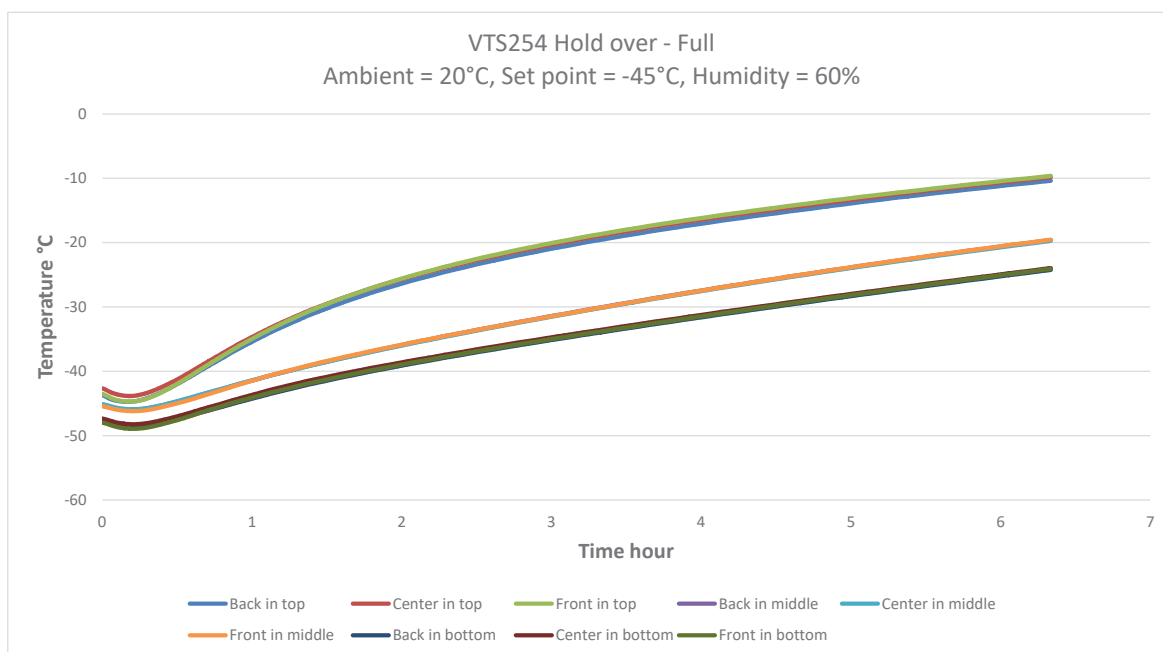
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## VTS 254 PHARMACY REFRIGERATOR

### Hold over time from -45°C to -25°C – VTS254

#### Test Conditions:

Model:	VTS254
SN:	82115102
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-45°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 -25°C between 125min and 360min.

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