

PRODUCT

AKS 157 PHARMACY REFRIGERATOR



Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

VESTFROST
SOLUTIONS



BIOMEDICAL SOLUTIONS

A/S Vestfrost
Falkevej 12
DK-6705 Esbjerg Ø
www.vestfrostolutions.com

PRODUCT

AKS 157 PHARMACY REFRIGERATOR

Pull down test from ambient temperature – AKS 157

Test Conditions:

Model:	AKS 157
SN:	64634527
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	+5°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 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:	R600a

Result of test:

Starting at ambient temperature, the set point was reached after 58min.

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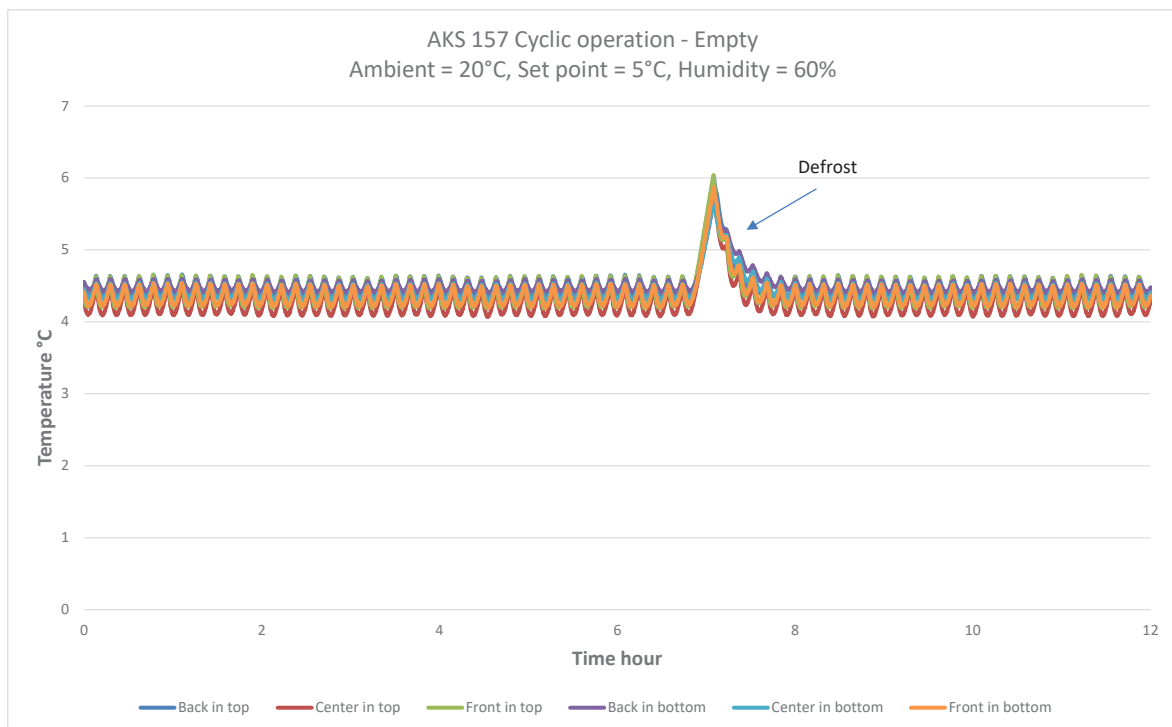
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Cyclic operation – AKS 157

Test Conditions:

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SN:	64634527
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	+5°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 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:	R600a

Result of test:

At an ambient temperature at 20°C, the energy for 24 hour is 0,417 kWh.

The temperature difference between top and bottom is 1,9°C

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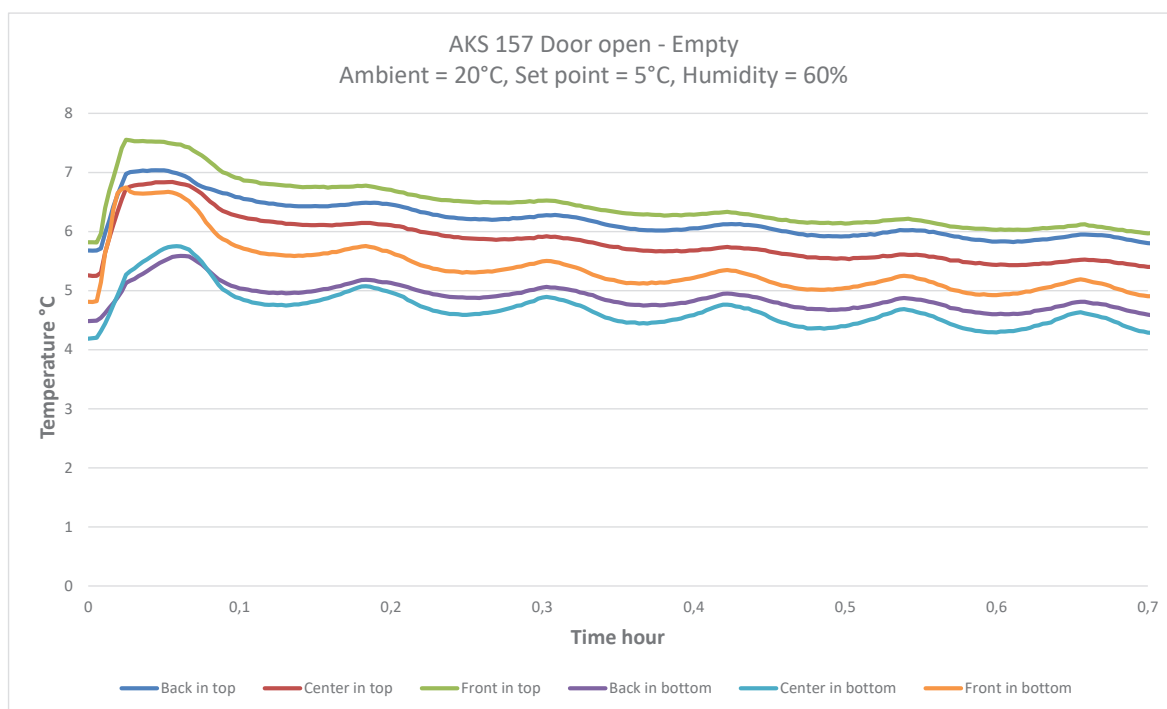
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Door open 1 minute – AKS 157

Test Conditions:

Model:	AKS 157
SN:	64634527
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	+5°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:	6 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:	R600a

Result of test:

Starting at set point, after a door opening of 1 minute, the temperature recovered to set point after 36 min

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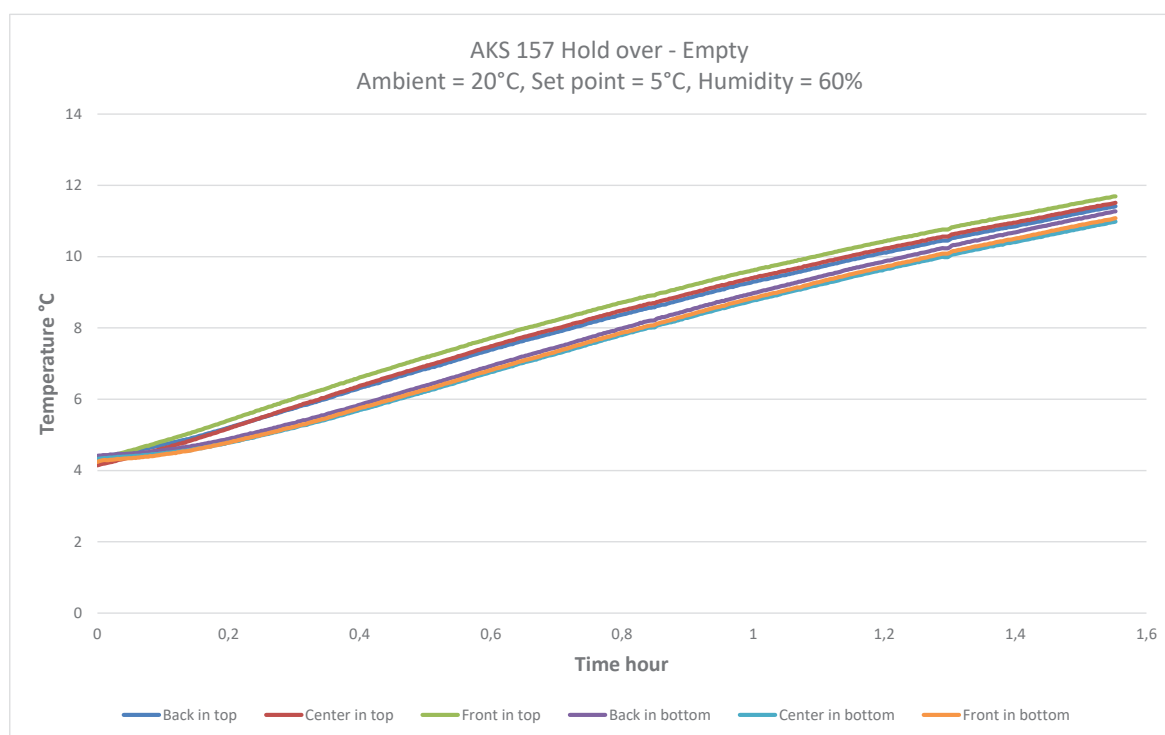
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Hold over time from 5°C to 10°C – AKS 157

Test Conditions:

Model:	AKS 157
SN:	64634527
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	+5°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 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:	R600a

Result of test:

Starting at set point temperature, the temperature rise above 10°C between 63min and 78min.

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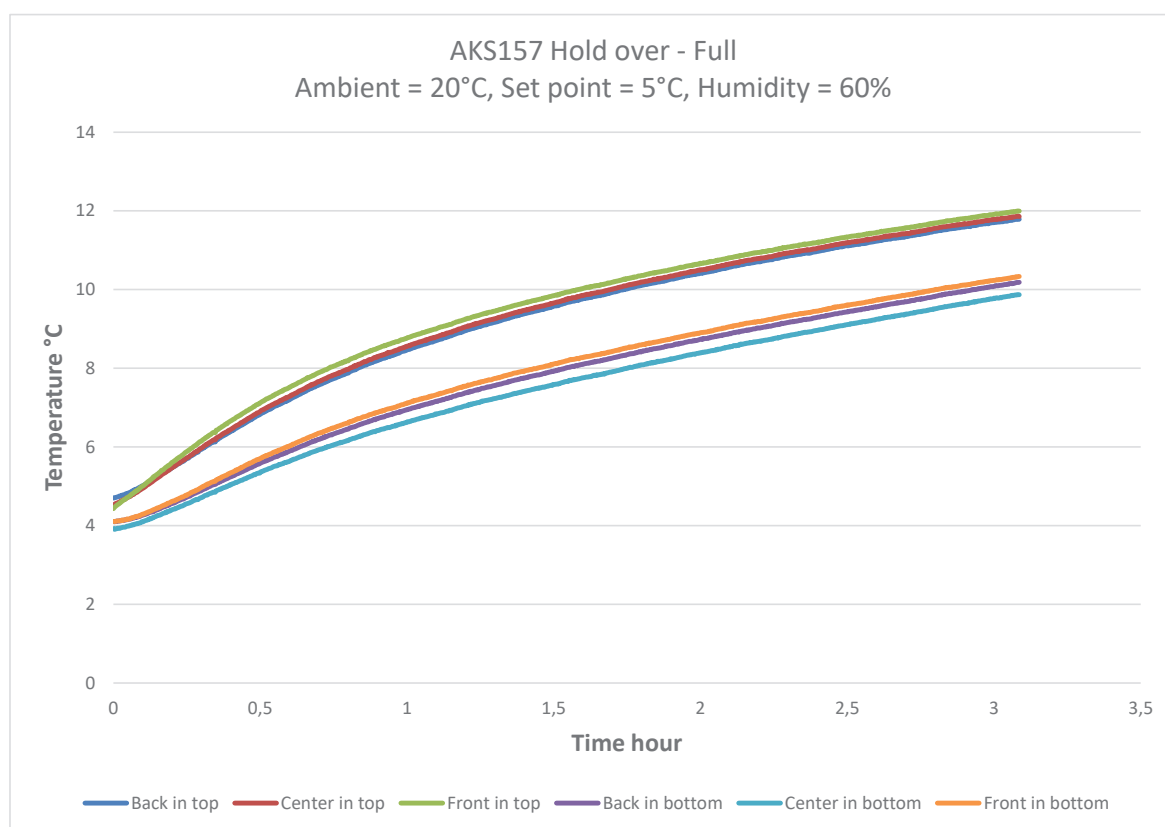
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Test Conditions:

Model:	AKS 157
SN:	64634527
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	+5°C
Cabinet load:	Full
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 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:	R600a

Result of test:

Starting at set point temperature, the temperature rise above 10°C between 96min and 186min.

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