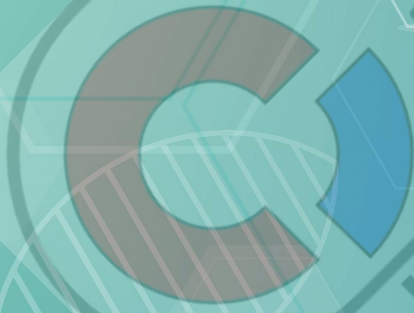


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Pharmacy Refrigerator

The pharmacy refrigerator ensures reliable storage of medicine. The Model is equipped with external digital temperature display and fully electronic temperature control that ensures a correct set temperature between +2°C to +20°C. It features; Open door, high/low alarm, contact for remote alarm, porthole for external monitoring systems, dual ventilators for optimal uniformity in temperatures and for the extra hardware version power failure alarm.

- 🏆 **Energy Efficient**
- 🏆 **Very Low Noise**
- 🏆 **Stable and Uniform Temperature**
- 🏆 **ETR-system™**



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Construction	Value
Dimension	1919x595x638 mm
Dimension inner	1587x518x460 mm
Weight	95 / 93 gross/net
Package weight	2 kg
Material inner cabinet	PVC Kg. gross/net
Material outer cabinet	Painted steel Kg. gross/net
Insulation thickness	35 mm
Type of packaging	Plastic with EPS
Mobility	2x Feet 2x Rollers

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Storage	Value
Volume	38l / 35l
Shelves	5
Half shelf	1

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Features	Value
Safety thermostat	Optional
Lock	<input checked="" type="checkbox"/>
LED light	<input checked="" type="checkbox"/>
Battery backup	Optional
Porthole	<input checked="" type="checkbox"/>
Porthole size	14,8 mm
Dry contact	<input checked="" type="checkbox"/>
Reference bottle	<input checked="" type="checkbox"/>
Door closure	<input type="checkbox"/>
Door reversibility	<input checked="" type="checkbox"/>
Automatic hold 90°	<input type="checkbox"/>

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Alarms	Value
High / Low temperature	✓
Open door	✓
Power failure	—
Probe failure	✓

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Test	Value
Voltage	220-240 V
Frequency	50 Hz
Max ambient	32 °C
Max Humidity	65 %
Test condition	20

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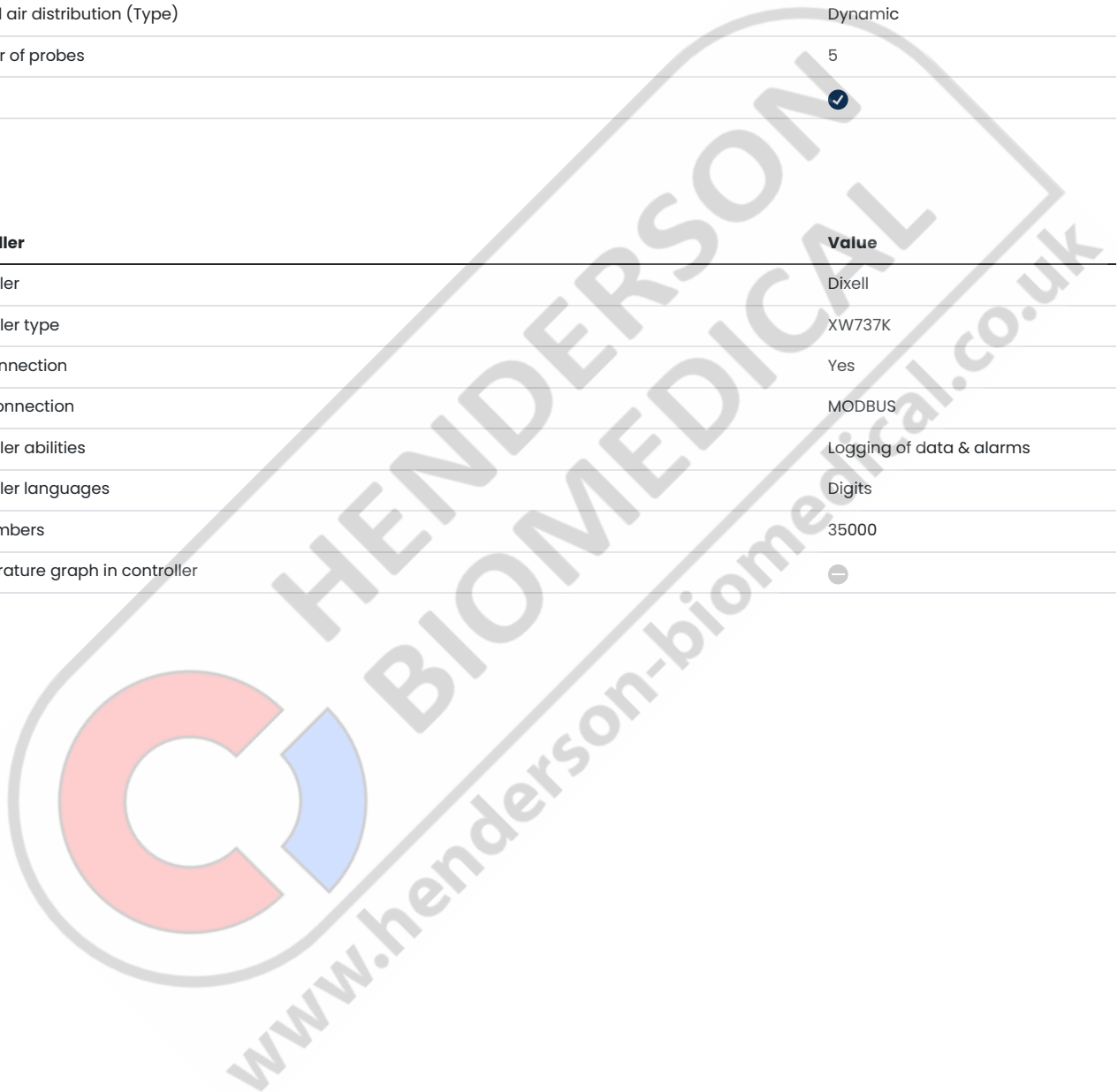
Operation	Value
Temperature range	+2 to +20 °C
Uniformity in performance	2,5 / -1,2 °C
Pull down time (from test condition to fabric setpoint)	50 Minutes
Hold over time (from fabric SP to 10) empty	72 Minutes
Noise	41 dB
Energy 24 hours	0,8 kWh/24h
Instant Power Consumption	N/A kW
Heat Rejection	N/A W
K-Value	N/A W/m ² k

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Cooling components	Value
Refrigerant/amount	R600a / 60g Type & gram
Number of compressors	1
Internal air distribution (Type)	Dynamic
Number of probes	5
Defrost	<input checked="" type="checkbox"/>

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Controller	Value
Controller	Dixell
Controller type	XW737K
USB Connection	Yes
Data connection	MODBUS
Controller abilities	Logging of data & alarms
Controller languages	Digits
Log numbers	35000
Temperature graph in controller	<input type="checkbox"/>

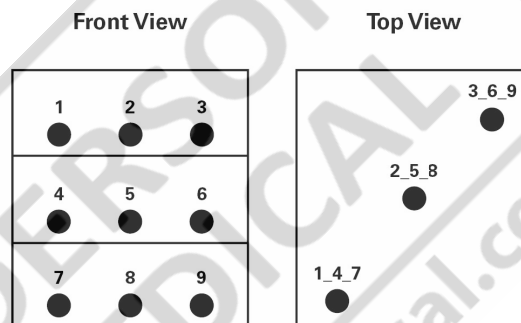


Temperature mapping

Test overview

Test type	9-point test
Test environment	Controlled conditions, empty cabinet
Ambient temperature	20°C
Humidity	60%
Set-point	5°C
Sensors used	25gr tinned brass formed as a cylinder with a diameter of 15,2mm
Installation	Appliance installed according to instruction manual conditions
Refrigerant	R600a

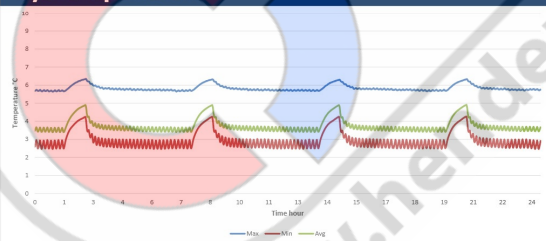
Sensor position



Sensor temperature

Sensor position	P1	P2	P3	P4	P5	P6	P7	P8	P9
Max.	6,3	4,9	4,9	5	4,8	5	4,8	4,3	4,4
Avg.	5,8	4,2	4,2	3,3	3,2	3,3	3,8	3,1	3,2
Min.	5,6	4	4	2,8	2,7	2,8	3,4	2,6	2,7

Cyclic operation



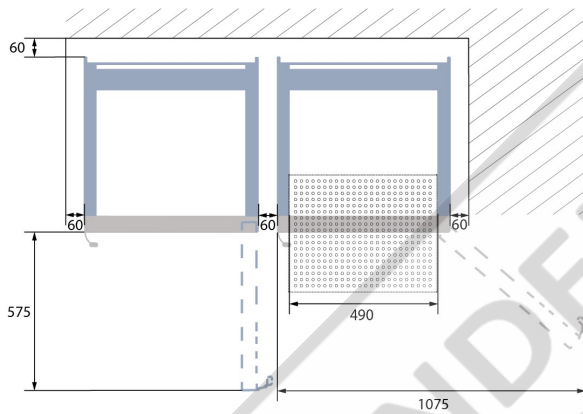
Warm up & Pull down



Typical Performance data

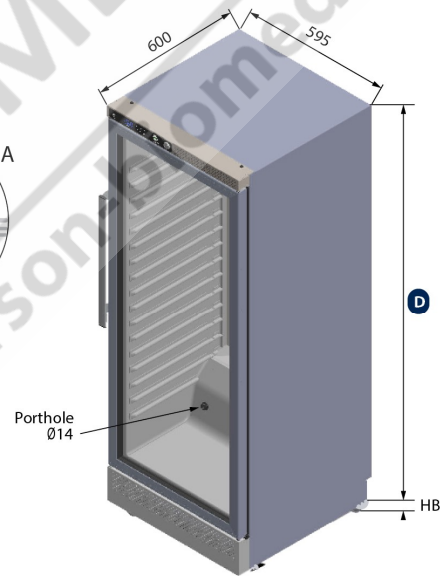
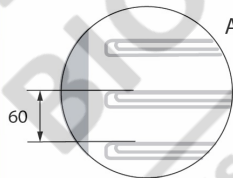
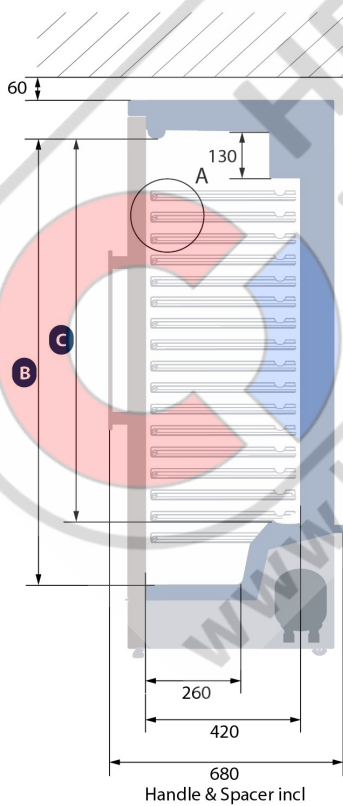
Avg. cabinet temperature	3,8°C
Peak variation from set-point	+2,5/-1,2°C
Stability in avg.	2,7°C
1 min. door open recovery to 6°C avg. temperature	15 min.
Cycle rate on/off	2,6/9,4 min.
Duty cycle	21,6%
Energy consumption	0,73 kWh/day
Pull down time to 6°C avg. temperature	50 min.
Hold over time from 5°C to 10°C	72 min.
Sample temperature does not exceed	8°C

Dimensions






Model	B	C	D
AKS 337	1260	965	1535
AKS 397	1570	1175	1835

All measurements are in millimeters



HB: Height of base (HB is adjustable when given value is xx-xxx)

83-101 
4 x Wheel with Footmaster

20-58  13 
Front: 2 x Adjustable foot Back: 2 x Castor



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