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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 Effecient
- 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 type	Polyurethane with cyclopentane
Insulation thickness	35 mm
Type of packaging	Plastic with EPS
Mobility	2x Feet 2x Rollers

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Storage	Value
Volume	381 / 351
Shelves	5
Half shelf	1

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Features	Value
Safety thermostat	Optional
Lock	•
LED light	•
Battery backup	Optional
Porthole	•
Porthole size	14,8 mm
Dry contact	•
Reference bottle	•
Door closure	0
Door reversibility	•
Automatic hold 90°	•



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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
Frequence	50 Hz
Max ambient	32 °C
Max Humidity	65 %
Test condition	20

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Operation	Value
Temperature range	+2 to +20 °C
Unifromity in performance	2,5 / −1,2 °C
Pull dowm 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^2k



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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	•

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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	0

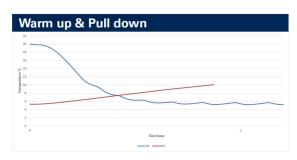
#### Temperature mapping

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

Senso	or posi	tion	
Fr	ont Vie	•w	Top View
1	2	3	3_6_9
4	5	6 •	2_5_8 •
7	8	9	1_4_7

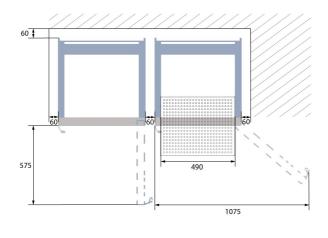
Sensor temperature									
Sensor position	P1	P2	Р3	P4	P5	P6	P7	P8	<b>P</b> 9
Max.	6,3	4,9	4,9	5	4,8	5	4,8	4,3	4,4
Avg.	5,8	4,2	4,2	3,3	3,2	3,3	3,8	3,1	3,2
Min.	5.6	4	4	2.8	2.7	2.8	3.4	2.6	2.7





Typical Performand	e 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

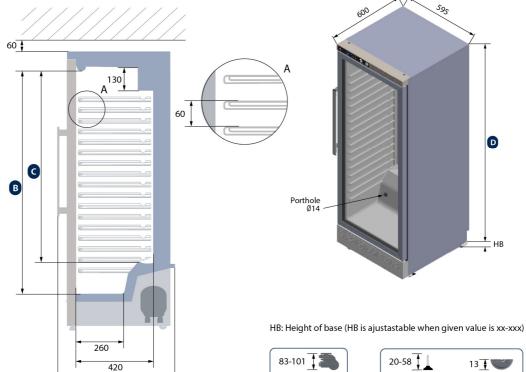
#### **Dimensions**



680 Handle & Spacer incl

Model	В	С	D
AKS 337	1260	965	1535
AKS 397	1570	1175	1835

All measurements are in milimeters



4 x Wheel with

Footmaster

Front:

2 x Ajustable foot

Back: 2 x Castor