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DIMENSIONS		
Outer Dimensions HxWxD, mm	672x595x642	
Inner Dimensions HxWxD, mm	481x475x495	
Weight Gross/Net, kg	50 / 40	
Material inner cabinet	ABS	
Material outer cabinet	Painted Steel	
Packaging weight, kg	Fullited Steel	
Packaging dimensions HxWxD, mm		
Insulation thickness	50	
Insulation type		
Air distribution	Polyurethane with Cyclopentane	
	Dynamic	
Mobility	Standard: Adjustable Feet - Option: Castors	
Refrigerant, Type / gram	R600a / 39	
Variable Speed Compressor	Yes - Adaptive Cooling Technology	
Number of probes	4	
CONTROLLER		
Controller	i-Care, Touch screen	
Controller language	EN, DE, F	
USB Connection	Ye	
Logging	Data, Alarms & Events	
Temperature graph	Yes	
High/Low temp. Alarm	Yes	
Open door alarm	Yes	
Probe failure alarm	Yes	
Power failure alarm	Yes	
STORAGE		
Volume, Gross/Net, L	90 / 76	
Shelves, Full/Half	1/1	
Shelf material	<u>'</u>	
FEATURES	Perforated Alu	
Lock	Yes	
LED light  Pattony Backup for Controllor 24h	Yes	
Battery Backup for Controller, 24h Safety thermostat	Yes	
Porthole	Yes - Ø 20 mm	
Dry Contact	Yes	
Reference bottle	Yes	
Door	Solid	
Door Features	Automatic: Closure < 90° - Hold Closure > 90°	
Door Reversibility	Yes	

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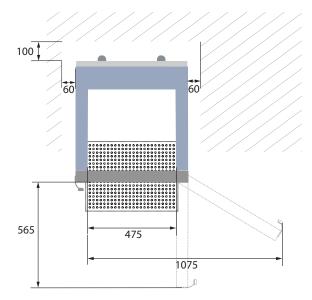


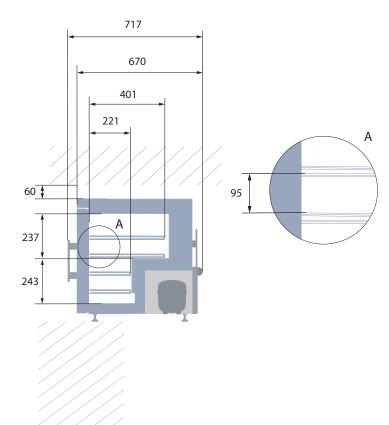
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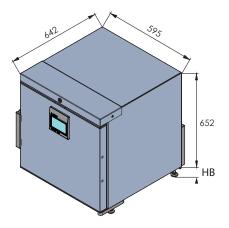
Voltage/Frequency	Voltage/Hz	230V/50-60Hz
Max Ambient	°C	35°C
Max Humidity	% rh	75%
PERFORMANCE		
All data in RT20°C	°C	2+2.20
Temperature Range	°C	2 to 20
Uniformity in performance - difference between top and bottom		+/- 0,6
Pull down time	Minutes	28 min to 6°C
Hold over time	Minutes	61 min to 10°C
Noise	dB	46
Energy Consumption, kWh / 24h	kWh/24h	0,290 kWh/24h set 5°C
Energy year	kWh/year	105,9kWh/y set 5°C
Instant Power Consumption	kW	PD 0,064/Stable 0,025
Heat Rejection	W	40
U-Value	W/m^2 K	0,58
COOLING COMPONENTS		
Refrigerant/Amount (gram)		R600a/39gr
Number of compressors	pcs	1
Variable speed compressor	Yes/No	Yes
Internal air distribution (type of)		Mono Air Stream
Evaporator Fan	Yes/No/Variable	Yes
Condenser Fan	Yes/No/Variable	No
Number of probes	pcs	4
Defrost	Yes/No	Yes - automatic
FEATURES		
Safety thermostat	y/n/optional	Yes
Lock	y/n	Yes
LED light	y/n	Yes
Battery Back Up For Controller	y/n/optional	Yes - 24h
Porthole	y/n - Ømm	Yes - Ø 20mm
Dry contact	y/n	Yes
Castors	y/n/optional	Optional
Door	glass/solid	Solid
Reference bottle	y/n/optional	Yes
Door closure	y/n/optional	Yes
Door reversibility	y/n	Yes
	y/11	
Automatic Hold 90°C	y/n	Yes



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All measurements in mm.

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





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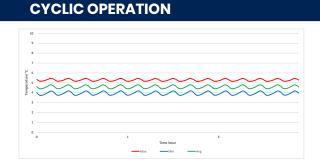


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#### **SENSOR POSITION MODEL** R-901 **Test type** 15-point test **FRONT VIEW TOP VIEW Test environment** Controlled conditions, 2\_7\_12 empty cabinet 1\_6\_11 5 1 4 2 3 **Ambient temperature** 20°C **Humidity** 5\_10\_15 5°C 6 9 10 7 8 Set-point 25gr tinned brass formed as a Sensor used cylinder with a diameter of 15,2 4\_9\_14 3\_8\_13 15 12 13 11 14 Installation Appliance installed according to instruction manual conditions R600a Refrigerant **SENSOR TEMPERATURE** Sensor P1 **P2** Р3 **P4** Р5 Р6 **P7** Р8 Р9 P10 P11 P12 P13 P14 P15 position 5,1 5 5 5.1 5,7 5,5 5.6 5.5 4,7 5 4,7 4,2 4,5 4,6 5,6 Max Avg. 5,3 5,3 5,2 5,5 5,1 3,7 4.2 3,9 4,5 4,2 4,5 4,4 4,3 4.8 3,8 Min. 5,1 5,1 5,1 5,4 4,9 3,5 4 3,7 4,2 4 4,2 4,2 3,9 4,5 3,4

#### **WARM UP & PULL DOWN**





TYPICAL PERFORMANCE IN AMBIENT 20°C - EMPTY CABINET		
Avg. cabinet temperature	4,6°C	
Uniformity	+/- 0,6°C	
Stability in avg.	0,3°C	
1 min. door open recovery to 6°C avg. temperature	∢ min.	
Cycle rate on/off	5,5 / 10,2 min.	
Duty cycle	34,7%	
Energy consumption	0,29 kWh/day	
Pull down time to 6°C avg. temperature	28 min.	
Hold over time from 5°C to 10°C	61 min.	
Sample temperature does not exceed	8°C	
Heat rejection	40 W	