

### Characteristics



Disclaimer:  
Images are purely  
indicative. The features  
and the accessories of the  
products may differ  
according to model and  
application.

<b>Temperature range</b>	-50°C / -86°C
<b>Capacity</b>	120 lt (4,24 cu ft)
<b>External dimensions (WxDxH)</b>	75,5x74x127 cm Internal dimensions (WxDxH) 45x48,8x54,9 cm; Weight 190 kg
<b>Structure and insulation</b>	Stainless steel 18/10 ANSI 304 inside and pre-coated steel white colour outside; insulation polyurethane thickness 130 mm
<b>Door</b>	No.1 blind door pre.coated steel white colour + nr.1 hinged inner-door
<b>Key lock</b>	
<b>Rollers</b>	Castors with brakes
<b>Internal equipment</b>	Nr. 1 stainless steel shelf
<b>Controller</b>	Digital electronic thermostat with 7" touchscreen
<b>Alarms</b>	Acoustic and visual for temperature deviations (high and low), door open, condenser high temperature, failures, power failure and low battery. The alarm system is feed by an automatic recharging battery, so it can work also during a power failure. Daily temperature graph always available on the 7" Touchscreen. Inner memory of the last 180 days, with download from USB port (software included).
<b>Data and event recording</b>	
<b>Connectivity</b>	USB port; Dry Contact; Ethernet port RJ45
<b>Pass trough port mm 26</b>	
<b>Refrigeration Type</b>	Static

### Technical data

<b>Technical Data</b>	<ul style="list-style-type: none"> <li>• Nr.2 compressors, cascade system</li> <li>• Refrigerant type: R455A in the first stage; R170 in the second one. Gas CFC free.</li> <li>• Mains Voltage 230V/1/50Hz</li> <li>• Instant power consumption: 0,45 kW (3,2 A)</li> <li>• Daily consumption: 6,7 KWh/24H</li> <li>• Heat emission: 250 W</li> <li>• Noise level &lt; 49 dB</li> <li>• Ambient Temperature: +10/+25 °C; humidity 60%</li> <li>• Connector: Schuko</li> </ul>
<b>In accordance with</b>	2014/30/UE, 2014/35/UE, 2011/65/UE (ROHS II) and following modifications
<b>Package</b>	Wooden case Dim. cm.94 x 94 x 158; Kg.255

**Additional Shelf**

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**PT100 probe (free contacts)**

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**CO2 Back-up system**

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**LN2 Back-up system**

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**Voltage stabilizer**

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**High pressure tube 2 mt or 1 mt**

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**Stainless steel storage racks**

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**Storage boxes realized in water-proof cardboard**

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**Cryo-gloves**

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**60 Hz Frequency**

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**115 V**

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