

### 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>	405 lt (14,31 cu ft)
<b>External dimensions (WxDxH)</b>	cm 168x95x109,8 Internal Dimensions (WxDxH) cm 94,7x57x75,1; Weight kg 290
<b>Structure and insulation</b>	Stainless steel 18/10 AISI 304 inside and pre-coated steel white colour- outside; insulation polyurethane thickness 130 mm
<b>Door</b>	Nr 1 lid pre-coated steel white colour
<b>Key lock</b>	
<b>Rollers</b>	Nr.06 Castors, nr.02 with brakes
<b>Controller</b>	Digital electronic thermostat with 7" Touchscreen
<b>Alarms</b>	Acoustic and visual far temperature deviations (high and low), door open, condenser high temperature, failures, power failure and low battery. The alarm system is fed 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; R1 70 in the second one. Gas CFC free.</li> <li>Mains Voltage 230V/1/50Hz</li> <li>Daily consumption: 8,5 kWh/24H</li> <li>Instant power consumption: 0,76 kW (2,9 A)</li> <li>Heat emission: 330 W</li> <li>Noise level!:&lt; 51 dBA</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. 185x100x135; Kg.430

**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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