



XTC Insulated

2 °C, 100 °C, 125 °C

Information	
Product Name	XTC Insulated 2°C, 100°C, 125°C Cabinet
Part Code	Depends on the configuration
Physical	
External Dimensions (WxHxD)	1316 x 1990 x 800 mm (+30 mm deep for cabinets at 100°C and 125°C)
Internal Dimensions (WxHxD)	1250 x 1573 x 615 mm
Internal Net Volume	1209 liters
External Net Volume	2095 liters
Weight	245 kg [Ⓜ]
Max.Load Capacity of a Shelf	40 or 90 kg [Ⓜ]
Ground Clearance	30 mm
Material	DKP (Powder Coating Paint, Ral 7046, 7035)
Door	Thermal Insulated Glass 2 °C Cabinet: Magnetic Gasket 100°C, 125°C Cabinet: Silicone Gasket with the Lock
Standart Door	Standart: 4 Doors, Optional: 2 Doors
Shelf Capacity	22
Shelves Features	
Material	Stainless Steel 430
Standart (WxHxD)	580 x 20 x 565 mm
Sliding (WxHxD)	490 x 50 x 556 mm
Electrical	
Voltage	220 - 240 V AC 50 Hz, 110 V AC 60 Hz [Ⓜ]
Maximum Power Consumption	3200 W
Operational	
Humidity Set Range	0.5% to Ambient
Temperature Set Range	2 °C , 100 °C , 125 °C
Drying Performance	50% Rh to ≤ 1% Rh under 7 minutes, 50% Rh to ≤ 5% Rh under 4 minutes [Ⓜ]

Measurements	
Relative Humidity & Temperature (Indoor & Outdoor Sensor)	Accuracy (Humidity) : $\pm 0.3\%$ RH (0...20% RH) $\pm 1.5\%$ RH (20...99% RH) (After Calibration)
	Accuracy (Temperature) : $\pm 0.5^{\circ}\text{C}$ (at 25°C)
	Resolution (Humidity) : $\pm 0.01\%$ RH
	Resolution (Temperature) : $\pm 0.1^{\circ}\text{C}$

System Features	
Operating System	V2.x or V3.x
Display	V2.x : 107 x 57 mm V3.x : 154 x 85 mm (7")
Display Resolution	V2.x : 240*128 pixels V3.x : 800*480 pixels
Interface Type	Wi-Fi(Wireless) ^[1] , RJ45 LAN ^[1] , USB-A
Datalogger	Captures detailed, minute-by-minute, daily, weekly, monthly, and yearly records

Alarm Functions		
Alarm Type	Standard Internal Buzzer(IB), Optional Alarm Light Bar(Ext. Buzzer), E-mail	
Humidity Level Alarm	Humidity (+/-) Offset %Rh: 0 – 40	Time To Alarm Period (min): OFF – 240
Temperature Level and Cycle Alarm	Temperature (+/-) Offset °C: 0 – 40	Time To Alarm Period (min): OFF – 240
Door Ajar (Left Open) Alarm	Time To Alarm (sec): 0 – 600	Repeat Period (min): 0 – 20
System Errors / Malfunctions	IB Alarm Duration (sec): 0 – 240	Ext. Alarm Duration (min): 0 – 60

Environmental	
Relative Humidity	1% - 90% RH
Temperature	15 °C – 40 °C
Protection Class	IP 20

Accessories		
<ul style="list-style-type: none"> Stainless S. Shelves Stainless S. Sliding Shelves FIFO Shelves Reel Holders PCB Holders Stainless S. U Divider & I Divider Custom Sliding Feeder Storage Solution Solder Paste (Jar) Storage Solution Solder Paste (Vertical Syringe) Storage Solution 	<ul style="list-style-type: none"> Humidifier Unit Hepa Filter Indoor Humidity & Temperature Sensor Outdoor Humidity & Temperature Sensor Dryer Unit Second Dryer Unit Indoor Light UV Light RFID Access 	<ul style="list-style-type: none"> Heater Kit 100° C Heater Kit 125° C Oxygen (O₂) Sensor External Alarm Light Bar Automatic Door Locks Gas Cooling Unit 15° C Water Cooling Unit – Chiller Extraction Unit Smart Nitrogen (N₂) Unit

[1] This statement indicates a condition that may vary depending on specific options, or configurations. Datasheet contains final specifications. EMT SYSTEMS INC. reserves the right to make changes at any time without notice to improve the design. The datasheet is for reference information only.

Manufactured by EMT SYSTEMS INC.

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