

PRODUCT SPECIFICATION - ULT240eco

ULT Freezer

ULT240eco

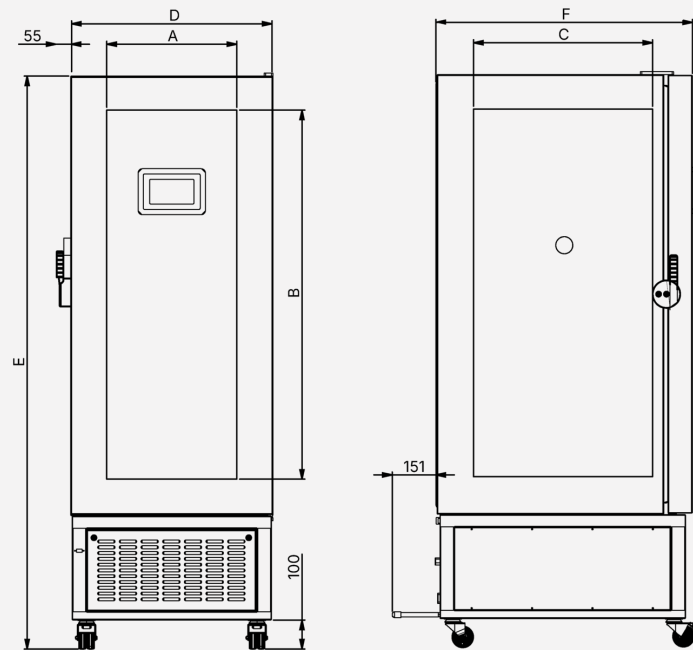


ULT Freezer – Maximum protection for samples that matter.

When it comes to ultra-low temperature storage, one factor is paramount: the reliable protection of your samples over extended periods of time. The Memmert ULT freezer has been developed specifically for this purpose. It combines consistent, precise temperature control with integrated safety features and energy-optimised design for continuous operation.

Features

- Natural Refrigerants
- State-of-the-Art Safety Concept
- Remote-Monitoring
- Inverter-Controlled Compressors



Temperature

Setting temperature range	°C	-50 to -86
Setting accuracy	°C	0.1

Features

Control unit		7" touchscreen integrated in the outer door in ergonomic position
Adjustable parameters		Temperature
Interfaces		- Ethernet LAN - USB

Safety

Parameter monitoring		Temperature sensor Pt1000
Alarm		visual and acoustic
Behaviour during a power failure		Backup battery for alarming and monitoring during power failure

Heating concept

Cooling system		Cooling system with two cascade-connected inverter compressors for precise temperature control and high energy efficiency. Refrigerants: First stage R290 / Second stage R170. Air-cooled condenser.
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Standard equipment

Door		Insulated stainless steel outer door with mechanical door lock
Standard option		- Door-open detection - Entry port / pressure relief opening Ø 26 mm, lateral - Battery-backed alarm system
Other standard accessories		Standard interior configuration with 4 compartments. Consisting of 2 stainless steel inner doors and 3 height-adjustable shelves for flexible adaptation to different load sizes.

Stainless steel interior

Volume	l	244
Width	mm	450
Height	mm	1111
Depth	mm	489
Max. loading of chamber	kg	280
Max. loading of grids/shelves	kg	140
Maximum quantity of 2'/50mm boxes	number	162

Textured stainless steel casing

Width	mm	700
Height	mm	1832
Depth	mm	738
Installation		on lockable castors

Electrical data

Electrical load	230 V	W	470
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Packing/shipping data

Transportinformation		The appliances must be transported upright
Customs tariff number		8418 40 20
Country of origin		Netherlands
Packaging	Width	mm 900
	Height	mm 2050
	Depth	mm 900
Weight	Net	kg 245
	Gross	kg 310

Standard units are safety-approved and bear the test marks:

