



The -25°C deep freezer offers a stable low temperature storage condition. Integrated design of cold shelf and evaporator provides additional refrigeration efficiency. This product is designed to store vaccine, reagent and many other biological materials, widely applied in research institutions and clinical sites in life science, electronic testing and medical fields.



## Reliability & Key Features

- Main power switch: convenient operation
- Italian imported controller: digital display
- Low power consumption
- Environment friendly refrigerant: CFC-Free and HCFC-Free.
- World-class brand compressor
- Power coated galvanized steel liner

## Safety

- Multiple malfunction alarm including high/low temperature alarm, sensor error alarm, door ajar alarm
- Safety lock prevents unauthorized access
- Two types of alarm indications: audible buzzing and visible flashing light



# Specification



Model		MDF-25U150	MDF-25U278	MDF-25U400	MDF-25U600	MDF-25C100	MDF-25C200	MDF-25C300	MDF-25C400
Technical Data	Cabinet Type	Upright	Upright	Upright	Upright	Chest	Chest	Chest	Chest
	Gross Capacity (L)	135	278	350	550	100	190	285	370
	Climate Class	N	N	N	N	ST	ST	ST	ST
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Refrigerant	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free
	Door	Single	Single	Single	Single	Single	Single	Single	Single
	Noise (dB)	40	40	42	42	40	40	40	40
Performance	Temperature Range (°C)	-10~-25	-10~-25	-10~-25	-10~-25	-15~-25	-15~-25	-15~-25	-15~-25
	Cooling Performance(°C)	-25	-25	-25	-25	-25	-25	-25	-25
Control	Temperature Control	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED	LED	LED	LED	LED	LED	LED	LED
Electrical Data	Voltage/Frequency(V/Hz)	220~240/50~60	220~240/50~60	220~240/50~60	220~240/50~60	220~240/50~60	220~240/50~60	220~240/50~60	220~240/50~60
	Power (W)	160	170	200	280	120	150	160	200
Dimensions	Net/Gross Weight (kg)	46/55	105/115	85/98	101/112	32/40	65/78	75/88	85/98
	Internal Dimension (W/D/H, mm)	490×480×630	480×415×1460	480×450×1625	645×530×1645	520×345×615	760*485*600	1080×485×600	1340×485×600
	External Dimension(W/D/H, mm)	598×623×838	651×574×1656	600×645×1875	775×750×1900	700×600×850	940*765*850	1270×765×850	1530×765×850
	Packing Dimension(W/D/H, mm)	650×690×870	710×650×1810	665×715×1970	780×840×2008	745×580×890	990*775*890	1320×775×890	1580×775×890
	Container Load (20'/40'/40'H)	54/108/162	27/54/54	24/51/51	21/42/42	62/128/192	34/72/108	24/54/81	20/44/66
Functions	High/low Temperature Alarm	Y	Y	Y	Y	Y	Y	Y	Y
	Sensor Error Alarm	Y	Y	Y	Y	Y	Y	Y	Y
	Door Ajar Alarm	Y	Y	Y	Y	N/A	N/A	N/A	N/A
	Remote Alarm Contact	Optional	N/A	Optional	Optional	N/A	N/A	N/A	N/A
	Power Failure Alarm	Optional	N/A	Optional	Optional	N/A	N/A	N/A	N/A
Accessories	Door Lock	Y	Y	Y	Y	N/A	Y	Y	Y
	Caster	N/A	Y	Y	Y	N/A	N/A	N/A	N/A
	Foot	Y	Y	Y	Y	Y	Y	Y	Y
	Shelf/Drawer	2/-	6/7	5/-	5/-	N/A	N/A	N/A	N/A
	Basket	Optional	N/A	Optional	Optional	1	2	2	2
	Test Hole	Optional	Optional	Optional	Optional	Standard	Standard	Standard	Standard
	Data Logger	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Others	Certificate	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001

# -25°C Biomedical Freezer CLASSIC



The -25°C deep freezer offers a stable low temperature storage condition. Integrated design of cold shelf and evaporator provides additional refrigeration efficiency. This product is designed to store vaccine, reagent and many other biological materials, widely applied in research institutions and clinical sites in life science, electronic testing and medical fields.



## Reliability & Key Features

- Temperature is -15°C to -25°C
- Microprocessor controller: LED digital display
- Power coated galvanized steel liner
- Safety lock prevents unauthorized access
- Main power switch: convenient operation
- Shelf: adjustable height for easy storage
- World-class brand compressor Embraco
- Environment friendly refrigerant: CFC-Free and HCFC-Free.



Control panel



Embraco compressor



Remote alarm contact

## Under-counter type



MDF-25U110





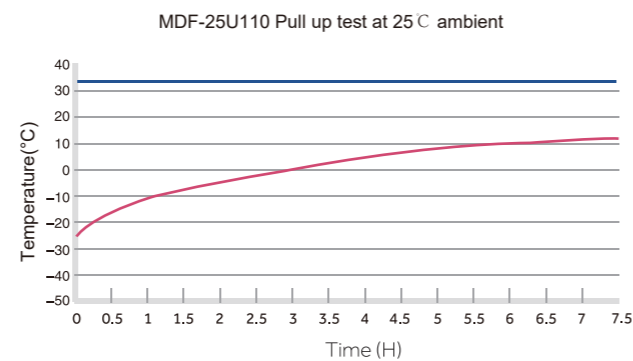
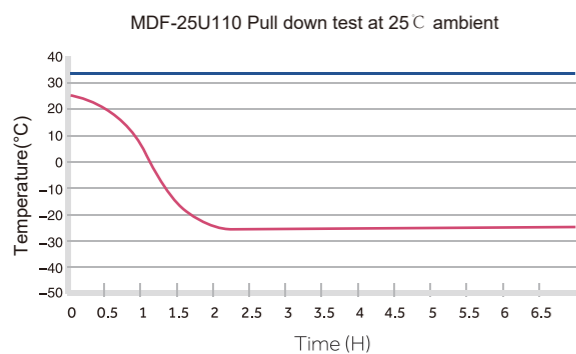
### Safety

- Alarm: high/low temperature alarm, sensor error alarm, door open alarm, power failure alarm,
- Two alarm indications: audible buzzing and visible flashing light
- Remote alarm contact enables users to remote monitor

### Features

- The freezer is adjustable -15~-25 degrees.
- Direct Freeze technology
- The Interior and exterior galvanized sheet with paint resistant to rust
- Wide power voltage. 185-260 V/50 Hz
- Insulation with high density polyurethane
- Lower noise level provide quite work environment

### Temperature performance



### Specification

	Model	MDF-25U110	MDF-25U290	MDF-25U410	MDF-25U610
<b>Technical Data</b>	Cabinet Type	Upright	Upright	Upright	Upright
	Gross Capacity (L)	110	290	410	610
	Climate Class	N	N	N	N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual	Manual
	Refrigerant	CFC-Free	CFC-Free	CFC-Free	CFC-Free
	Door	Single	Single	Single	Single
<b>Performance</b>	Temperature Range (°C)	-10~-25	-10~-25	-10~-25	-10~-25
<b>Control</b>	Temperature Control	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED	LED	LED	LED
<b>Electrical Data</b>	Power (W)	180	280	360	430
	Voltage/Frequency	220V~240V, 50Hz/60Hz 115V/60Hz	220V~240V, 50Hz/60Hz 115V/60Hz	220V~240V, 50Hz/60Hz 115V/60Hz	220V~240V, 50Hz/60Hz 115V/60Hz
<b>Dimensions</b>	Net/Gross Weight (kg)	49/55	113/125	157/182	302/327
	Internal Dimension (W/D/H, mm)	490×460×546	490×460×1366	580×460×1626	670×600×1626
	External Dimension (W/D/H, mm)	650×640×825	690×640×1730	780×640×1990	870×780×1990
	Packing Dimension (W/D/H, mm)	730×720×990	770×720×1850	760×720×2020	950×860×2020
<b>Functions</b>	High/low Temperature Alarm	Y	Y	Y	Y
	Sensor Error Alarm	Y	Y	Y	Y
	Door Ajar Alarm	Y	Y	Y	Y
	Remote Alarm Contact	Y	Y	Y	Y
	Power Failure Alarm	Y	Y	Y	Y
	Low Battery Alar	Y	Y	Y	Y
<b>Accessories</b>	Door Lock	Y	Y	Y	Y
	Caster	4	4	4	4
	Foot	2	2	2	2
	Shelf/Drawer	1/-	4/-	4/-	4/-
	Test Hole	Standard	Standard	Standard	Standard
<b>Others</b>	Certificate	CE, UL, ISO9001	CE, UL, ISO9001	CE, UL, ISO9001	CE, UL, ISO9001