Laboquest

- 25 °C Upright Freezer

UFQ Series

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-25 ^{0}C UPRIGHT FREEZERS

-25 ^{0}C upright freezer UFQ 1001

-25 ^{0}C upright freezer UFQ 1001 is a single door 268 L microprocessor controlled freezer with a temperature range of (-10 ^{0}C to -25 ^{0}C). Digital control panel for easy viewing and control of parameters. Features an upright side door with built-in handle for easy opening with an independent inner door minimizing loss of cold temperature enhancing temperature stability. Adjustable wheels for easy installation and leveling of unit.

Features

- Digital display for ease of operation
- Easy to use built-in handle design
- Adjustable shelves for sample loading
- Manual defrosting
- Independent inner door minimizing loss of cold temperature
- Adjustable wheels for easy installation and leveling
- Safety features (High-low temperature, Low battery, Controller error, power failure for 72 hrs. alarm)

-25 ^{0}C upright freezer UFQ 1002

-25 ^{0}C upright freezer UFQ 1002 is a single door 278 L microprocessor controlled freezer with a temperature range of (-10 ^{0}C to -25 ^{0}C). Digital control panel for easy viewing and control of parameters. Features an upright side door with built-in handle for easy opening with an independent inner door minimizing loss of cold temperature enhancing temperature stability. Adjustable wheels for easy installation and leveling of unit.

Features

- Digital display for ease of operation
- Easy to use built-in handle design
- Adjustable shelves for sample loading
- Manual defrosting
- Independent inner door minimizing loss of cold temperature
- Adjustable wheels for easy installation and leveling
- Safety features (High-low temperature, Low battery, Controller error, power failure for 72 hrs. alarm)

-25 ^{0}C UPRIGHT FREEZERS

-25 ^{0}C upright freezer UFQ 1003

-25 ^{0}C upright freezer UFQ 1003 is a single door 328 L microprocessor controlled freezer with a temperature range of (-10 ^{0}C to -25 ^{0}C). Digital control panel for easy viewing and control of parameters. Features an upright side door with built-in handle for easy opening with an independent inner door minimizing loss of cold temperature enhancing temperature stability.

Features

- Digital display for ease of operation
- Easy to use built-in handle design
- Adjustable shelves for sample loading
- Manual defrosting
- Independent inner door minimizing loss of cold temperature
- Safety features (High-low temperature, Low battery, Controller error, power failure for 72 hrs. alarm)

Applications

Used for long term preservation of virus, germs, vaccines, biological tissues, medicines, reagents and suitable for scientific research institution, biomedical, electronic and chemical industries

-25 °C UPRIGHT FREEZERS

Specifications

Model No	UFQ 1001	UFQ 1002	UFQ 1003
Volume	268 L	278 L	328 L
Temperature range	-10 °C to -25 °C	-10 °C to -25 °C	-10 °C to -25 °C
Interior dimensions (W x D x H)	508 x 455 x 1137 mm	480 x 415 x 1460 mm	508 x 455 x 1393 mm
Steel shelves / Plastic drawers	3 shelves	7 drawers	4 shelves
Ambient temperature	10 °C to 32 °C	10 °C to 32 °C	10 °C to 32 °C
Power	280 W	180 W	280 W
Cooling method	Direct cooling	Direct cooling	Direct cooling
Defrost	Manual	Manual	Manual
Refrigerant	R290	R290	R290
Temperature controller	Microprocessor	Microprocessor	Microprocessor
Display	Digital	Digital	Digital
Evaporator	Submerged coil	Submerged coil	Submerged coil
Evaporator material	Aluminium tube	Aluminium tube	Aluminium tube
Inside material	Color sprayed steel	Color sprayed steel	Color sprayed steel
Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel
Insulation	PURF	PURF	PURF
Condenser	Wire and tube	Inside foaming	Wire and tube
Sensor	NTC	NTC	NTC
Power consumption	3 kW	1.5 kW	3 kW
Voltage	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz

Noise	50.5 dB	45 dB	50.5 dB
Exterior dimension (W x D x H)	673 x 676 x 1630 mm	659 x 600 x 1694 mm	673 x 676 x 1886 mm
Weight	98.5 kgs	105 kgs	113 kgs

Standard Accessories (UFQ 1001, UFQ 1003)

Accessory No	Accessory
1	Castor
2	Inside door (4)
3	Power system backup failure alarm (8hr)

Standard Accessories (UFQ 1002)

Accessory No	Accessory
1	Foot

Optional Accessories (UFQ 1001, UFQ 1003)

Accessory No	Accessory
1	Test hole
2	Chart recorder
3	Data logger
4	Remote alarm port

Optional Accessories (UFQ 1002)

Accessory No	Accessory
1	Test hole
2	Chart recorder
3	Data logger