

2°C To 8°C Laboratory Refrigerator



Model : YR-01789

2°C To 8°C Laboratory Refrigerator

Manufacturer : Kalstein

Price : \$ 1,275.00

Description :

Laboratory refrigerators are used to cool samples or specimens for preservation. They include refrigeration units for storing blood plasma and other blood products, as well as vaccines and other medical or pharmaceutical supplies. They differ from standard refrigerators used in homes or restaurant because they need to be totally hygienic and completely reliable.

Laboratory refrigerators need to maintain a consistent temperature in order to minimize the risk of bacterial contamination and explosions of volatile materials. To achieve a high degree of accuracy the refrigerator needs air to circulate and a fan to maintain an even temperature at all times. The fan turns off when the door is open to prevent cold air from blowing out of the unit. Laboratory refrigerators feature separate compartments to prevent cross contamination and can hold specific medical supplies, such as blood or vaccines.

Auto Defrost, Forced-Air Circulation Suitable for hospitals, blood banks, epidemic prevention, animal husbandry areas, pharmaceutical companies and research institutes. Designed to store pharmaceuticals, medicine, vaccines, biological materials, testing reagents and laboratory materials.

Features

Refrigeration System

- Highly efficient compressor and fan.
- Forced-Air Circulation for large airflow with special air ducts to guarantee inner temperature consistency.
 - Large area of the evaporator design, cooling strong and high temperature uniformity, While effectively suppressing frost, reducing defrosting process.
 - Much thicker insulation design, once power failure inner temperature rises slowly to increase the emergency handling time.
 - CFC-Free refrigerant.

Temperature Control

- Microprocessor control, digital display of inner temperature, the inner temperature can be adjustable within 2?~8? with an increment of 0.1.

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- LCD running status and alarm information.
- Over temperature alarm system, set the alarm temperature as requirements.
- Five sensors to display or control the temperature.
- Temperature recorder monitor system(Optional).

Safety Control

- Malfunction malfunction alarms: high temperature alarm, low temperature alarm, Sensor failure, Power failure alarm, Door jammed, low voltage of backup battery.
- Three alarming methods: buzzer alarming, digital flashing alarming and Remote alarm.
- Protection function: power-on delay, time between stops.

Ergonomic Design

- Safety door lock, preventing unauthorized access.
- Auto defrost function guarantees a good performance in high ambient temperature and humidity area.
- Wide voltage design from 187V to 242V.
- Inner LED lighting and caster design.
- Maintenance free condensor design.
- No condensation glass door.

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Model	Model	YR01789	YR01790	YR01791	YR01792	YR01793
Technical Data	Cabinet Type	Desktop	Under-counter	Under-counter	Vertical	Vertical
	Climate Class	ST	ST	ST	ST	ST
	Cooling Type	Forced air cooling				
	Defrost Mode	Auto				
	Refrigerant	CFC-FREE,R134a (R600a is optional)				
Performance	Cooling performance(°C)	4	4	4	4	4
	Temperature Range(°C)	2~8	2~8	2~8	2~8	2~8
Control	Controller	Microprocessor				
	Display	LED				
Material	Interior	Galvanized steel powder coating (white)				
	Exterior	Galvanized steel powder coating (white)				
Electrical Data	Power Supply(V/Hz)	220/50	220/50	220/50	220/50	220/50
	Power(W)	65	80	80	135	135
	Capacity(L)	60	110	136	260	386
Dimensions	Net/Gross Weight(approx)	40/45 (kg)	50/58 (kg)	55/65 (kg)	75/85 (kg)	110/125 (kg)
	Interior Dimensions(W*D*H)	426×388×435(mm)	516×388×585 (mm)	516×470×660 (mm)	516×418×1290 (mm)	516×470×1640 (mm)
	Exterior Dimensions(W*D*H)	510×531×655(mm)	600×531×805 (mm)	600×583×880 (mm)	600×583×1510(mm)	600×583×1860 (mm)
	Packing Dimensions(W*D*H)	570×585×760 (mm)	660×590×910 (mm)	660×640×990 (mm)	660×620×1620 (mm)	660×640×1970 (mm)
	Container load (20°/40°/40°H)	160/252/336	72/144/216	54/114/114	27/57/57	27/57/57
Functions	High / Low Temperature	Y	Y	Y	Y	Y
	High/Low Temperature Recorder	Y	Y	Y	Y	Y
	Remote Alarm	Y	Y	Y	Y	Y
	Power Failure	Y	Y	Y	Y	Y
	Low Battery	Y	Y	Y	Y	Y
	Door Ajar	Y	Y	Y	Y	Y
	Lockage	Y	Y	Y	Y	Y
Accessories	Inner LED light	Y	Y	Y	Y	Y
	Caster	N/A	N/A	N/A	Y	Y
	Foot	Y	Y	Y	N/A	N/A
	Test Hole	N/A	N/A	N/A	N/A	N/A
	Shelves/Inner Doors	2/-	2/-	2/-	4/-	5/-
	Foaming Door	optional	optional	optional	optional	optional
	Temperature Recorder	optional	optional	optional	optional	optional
USB Interface	N/A	N/A	N/A	N/A	N/A	

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Options available for 2°C To 8°C Laboratory Refrigerator :

Capacity (Liters)

(YR-01793) 386 Liters (+\$ 1,150.00),
(YR-01792) 260 Liters (+\$ 825.00),
(YR-01791) 136 Liters (+\$ 375.00),
(YR-01790) 110 Liters (+\$ 275.00),
(YR-01789) 60 liters.