



RELIABLE STORAGE. EXCEPTIONAL CONTROL.



Medical Refrigeration Products

Blue Star, India's leading Air conditioning and Refrigeration Company now brings you freezers and refrigerators in various series, with low and ultra low temperature settings, for scientific and medical purposes.

4°C Blood Bank Refrigerators

A blood bank refrigerator is a specialised refrigerating equipment for blood storage. It's also used for cold storage of pharmaceuticals, biological products, vaccines and other uses; typical for hospitals, epidemic prevention stations, blood banks and various medical industries.

Features



Six advanced temperature sensors



Microprocessor controller for precision temperature



Security control alarm systems for various malfunctions



Three different alarming methods: buzzer, light flash and remote alarm



Multi-protective function: time delayed power-on



Temperature recorders and printers



Safety door lock



Microprocessor Controller



Inner and outer double door design for effective insulation



LED lighting inside for content visibility



Multi-layer movable shelves



Universal castors with locking facility

Technical Specification

Description	Units	XC-310	XC-358	XC-400	XC-588
Capacity	Ltr.	310	358	400	588
Inner Temperature	°C	4±1	4±1	4±1	4±1
Voltage	V/Hz	220/50	220/50	220/50	220/50
Power	W	403	600	430	700
Interior Dimension (W X D X H)	mm	565 X 454 X 1198	512 X 515 X 1270	640 X 577 X 1195	515 X 560 X 1260
Exterior Dimension (W X D X H)	mm	660 X 644 X 1960	700 X 628 X 1962	750 X 761 X 1799	800 X 760 X 1977
Shelf / Basket	Nos.	5/15	5	5/20	6
Net Weight / Gross Weight	kg	127/155	200/210	156/192	230/240

Medical Refrigerators

Blue Star's range of medical refrigerators comes with international compressors and rust-free ABS plastic for enhanced hygiene. They are specialised refrigerating units for cold storage of pharmaceuticals as well as biological products. It is suitable for hospitals, drugstores, pharmaceutical factories, sanitation and anti-epidemic stations and clinics.

2°C to 8°C Pharmacy Refrigerators

Features



Microprocessor controller for precision temperature



Security control alarm systems for various malfunctions



Three different alarming methods: buzzer, light flash and remote alarm



Multi-protective function: time delayed power-on



Rust-free ABS plastic for enhanced hygiene



LED lighting and glass door for clear content visibility



Microprocessor Controller



Safety door lock



Multi-layer movable shelves

Technical Specification

Description	Units	YC-280	YC-370
Capacity	Ltr.	280	370
Inner Temperature	°C	2°C to 8°C	2°C to 8°C
Voltage	V/Hz	220/50	220/50
Power	W	265	265
Interior Dimension (W X D X H)	mm	504 X 460 X 1150	570 X 475 X 1370
Exterior Dimension (W X D X H)	mm	595 X 565 X 1661	661 X 565 X 1881
Shelf / Basket	Nos.	3/1	4/1
Net Weight / Gross Weight	kg	75/85	80/90

2°C to 10°C Medical Refrigerators (stainless steel finish)

These are specialised refrigerating units which are rugged and come with a unique auto defrost system.

Features



Microprocessor controller for precision temperature



Combination of two sensors and auto defrost mechanism



Audible and visual alarm systems



Safety door lock



Stainless steel exterior and interior



LED lighting and glass door for clear content visibility



Double glass door with heater to prevent ice leaks



Micropocessor Controller



Multi-layer movable shelves with blood storage basket



Data logging with printer: chart recorder is optional



Eco-friendly refrigerant with R134a (CFC free)

Technical Specification

Description	Units	YC-330	YC-520	YC-965	YC-1500
Capacity	Ltr.	330	520	965	1500
Inner Temperature	°C	+2 to +10	+2 to +10	+2 to +10	+2 to +10
Voltage	V/Hz	220/50	220/50	220/50	220/50
Power	W	220	350	750	900
Interior Dimension (W X D X H)	mm	475 X 540 X 1335	590 X 670 X 1450	600 X 1100 X 1400	1415 X 635 X 1680
Exterior Dimension (W X D X H)	mm	570 X 642 X 1940	710 X 785 X 1975	750 X 1200 X 1965	748 X 1800 X 1965
Shelf/ Basket	Nos.	4	4	8	12
Net Weight / Gross Weight	kg	100/110	120/130	170/180	230/250

Medical Freezers

The Blue Star range of ultra-low upright freezers comes with highly efficient compressors and eco-friendly refrigerants. These medical freezers offer a wide variety of research and storage applications such as low temperature scientific experiments, preservation of plasma, biomaterials, vaccines and biomedical properties of military products. It is suitable for research institutes, electronic industries, chemical engineering industries, hospitals, university laboratories, military industries, sanitation and anti-epidemic stations.

-25°C Upright Medical Freezer

Features

-  Microprocessor controller for precision temperature
-  Audible and visual alarm systems
-  ABS plastic for inner cabinet and painted steel for external body
-  Safety door lock
-  Heavy duty castors
-  Drawers for easy storage
-  Micropocessor Controller
-  Chart Recorder (Optional)
-  Eco-friendly refrigerant with R507 (CFC free)

Technical Specification

Description	Units	DW-25L276	DW-YL450
Capacity	Ltr.	276	450
Inner Temperature	°C	-10°C to -25°C	-10°C to -25°C
Voltage	V/Hz	220/50	220/50
Power	W	272	272
Interior Dimension (W X D X H)	mm	506 X 505 X 1205	530 X 626 X 1356
Exterior Dimension (W X D X H)	mm	717 X 710 X 1745	655 X 780 X 1845
Net Weight / Gross Weight	kg	106/125	120/140

-40°C Upright Medical Freezer

Features



Microprocessor controller for precision temperature



Audible and visual alarm systems with password protection configuration page



ABS plastic for inner cabinet and painted steel for external body



Safety door lock



Heavy duty castors



Drawers for easy storage



Chart Recorder (Optional)



Eco-friendly refrigerant with R507 (CFC free)

Technical Specification

Description	Units	DW-FL90	DW-FL270
Capacity	Ltr.	90	270
Inner Temperature	°C	-10°C to -40°C	-10°C to -40°C
Voltage	V/Hz	220/50	220/50
Power	W	280	370
Interior Dimension (W X D X H)	mm	438 X 388 X 539	438 X 388 X 1680
Exterior Dimension (W X D X H)	mm	623 X 544 X 842	623 X 544 X 1680
Net Weight / Gross Weight	kg	44/48	65/70

-86°C Upright Medical Freezer

Features



Microprocessor controller for precision temperature



Audible and visual alarm systems



Stainless steel interior and pre-painted steel exterior body



Lockable door with full height handle and vacuum release port



Adjustable stainless steel shelves with inner door, double silicon gasket seal



Heavy duty castors



Optional: chart recorder, CO2 backup system, storage racks/boxes, remote alarm systems



Two-times foaming technology. 155mm foaming insulation with VIP+



Patented technology of CFC free mixture refrigerant (R134a, R404a, R23, R410a, N2 etc.)



Keyboard lock & password protected configuration page; delayed start & safe stop interval between restart & being terminated



Has a temperature printer to record 7 days of data with 72 hours battery backup for printer and controller display

Technical Specification

Description	Units	DW-HL218	DW-HL398S	DW-HL538S
Capacity	Ltr.	218	398	538
Inner Temperature	°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C
Voltage	V/Hz	220/50	220/50	220/50
Power	W	1000	1000	2000
Interior Dimension (W X D X H)	mm	582 X 470 X 768	440 X 696 X 1266	662 X 600 X 1330
Exterior Dimension (W X D X H)	mm	940 X 840 X 1552	785 X 1064 X 1959	940 X 840 X 1999
Net Weight / Gross Weight	kg	225/250	300/320	360/380



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