

LABORATORY REFRIGERATOR

Quality controlled by temperature.



Most convenient for storage of biological specimens, pharmacy products, medicines, vaccines, chromatography, etc., at +2°C to +8°C

Exclusive Features:

- Rugged design in construction & refrigeration.
- Double glazed tempered glass door with heating films.





Model No	FRC-V-300	FRC-V-500	FRC-V-1000	FRC-V-1500
Gross Volume	420 Litres	534 Litres	1,077 Litres	1,678 Litres
Net Volume	300 Litres	500 Litres	1,000 Litres	1,500 Litres
Inner Dimensions (mm)	560 (W) x 480 (D) x 1560 (H)	610 (W) x 560 (D) x 1560 (H)	1240 (W) x 560 (D) x 1560 (H)	1600 (W) x 590 (D) x 1555 (H)
Outer Dimensions (mm)	650 (W) x 610 (D) x 2080 (H)	700 (W) x 690 (D) x 2080 (H)	1330 (W) x 690 (D) x 2080 (H)	1720 (W) x 700 (D) x 2060 (H)
Net Weight (kg)	77 KG	85 KG	150 KG	200 KG
Power (Kwh/Day)	2.4	4.6	5.9	7.5

SPECIFICATIONS

Construction:

- Temperature range of +2°C to +8°C.
- Inner cabinet made of durable white epoxy painted steel alternatively, inner cabinet made of SS304 / SS316 (Optional).
- Adjustable inner shelves are made of epoxy plastic coated steel rods alternatively, shelves made of SS304 / SS316 (Optional).
- Outer cabinet made of non-corrosion powder coated CRCA.
- Full length illumination with additional on / off switch.
- Fitted with castors, front two wheels with brakes.
- Self closing, swing type hinged double glazed glass door with lock, heated glass door design.

Refrigeration:

- Non-CFC, non-HCFC, eco-friendly refrigerant & PUF insulation.
- Vertical type construction, no frost, fan-assisted cooling circulation system.
- Ultra fast pull down & self evaporating drip tray.
- Rear-to-front hot air anti-condensation.
- Low noise, green technology & energy saving.
- Hermetically sealed type compressor.

Control System:

- Microprocessor based controller with digital LED display.

- PT100 / NTC thermistor sensor with calibration certificates traceable to national standards.
- Provision of access port for connectivity purpose (on request).
- Automatic voltage stabilizer with high / low voltage cut-off and time delay restart.
- Input 220 / 240V, 50Hz with power cord & plug.
- Audio visual alarm for high / low temperature deviation.
- Suitable for operation at high ambient up to 45°C.
- Complies with electrical safety standards of EN-61010-122010 & EN 61326-122013.
- ISO 9001:2015 certified & CE marked product.

Optional:

- Configuration for preventing unauthorized access.
- Battery backup (10-24 hours) for digital temp display, alarm functions & chart recorder / data logger.
- Audio visual alarm for door open / close.
- Circular temperature chart recorder.
- Data logger with display of continuous temperature logging with PC connectivity / SMS & e-mail alert system.
- DQ, IQ, OQ & PQ validation, documentation & onsite calibration with traceability.

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