



WEIBER LABORATORY REFRIGERATORS

MODEL NO. - ACM-78095 S



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INTRODUCTION

We are manufacturers of laboratory refrigerators in India since last two decades. We strongly believe in **the principle of quality first and everything else to follow**, which reflects in our products, which are renowned for long trouble free services in various hospitals and research institutes across India and abroad.

Our laboratory refrigerators are made of corrosion free metal components with advance poly Uretherane insulation ensuring maximum thermal efficiency and durability.

We specialize in both standard and customized models of laboratory refrigerators specially designed to meet various special requirements of our customers across India and abroad.

Over a short period of time Weiber brand have been established as a leading exporters of laboratory refrigerators in India, catering to South Asian, African And European Markets. Beside the regular exports we are also catering to our domestic market and are suppliers of our laboratory refrigerators to various laboratories, hospitals, nursing homes and research faculties.



SALIENT FEATURES

- Corrosion free exterior and interior
- Designed for laboratory use
- Environmental friendly CFC free cooling
- Special design ensuring best hygieneDigital temperature indication.
- Micro processor based temperature control
- PUF insulation.
- Reliable
- Energy Efficient
- Sturdy Construction
- Low Maintenance
- Light Weight

CONSTRUCTION DETAILS

Weiber laboratory refrigerator is double walled cooled units. Outer body of our laboratory refrigerators are constructed out of thick MS / aluminum sheets, painted with long lasting stove enamel or elegantly powder coated. The inner chamber is made of stainless steel sheet-304. The 100 mm gap between the walls is filled high grade polyurethane insulation, which ensures maximum thermal efficiency.

COOLING

An energy efficient cooling unit is installed in our refrigerators. We use ISI marked high end CFC free compressors of Kirloskar/Tecumseh make, conforming to latest international standards and guidelines.

TEMPERATURE RANGE

Temperature range of our standard laboratory refrigerator would be 4°C to 8° c.

TEMPERATURE CONTROL

The temperature inside our laboratory refrigerators is controlled through programmable micro-processor based temperature controller cum indicator.

TEMPERATURE SENSITIVITY

Temperature inside our standard Laboratory Refrigerators are controlled with a sensitivity of $\pm 1^{\circ}$ c or better.

ILLUMINATION

Our laboratory refrigerators are provided with door operated illumination system comprising of fluorescent lights.

FRONT PANEL

Front panel of our units comprises of on/off switches cooling and mains indicator lamps, temperature controllers and voltmeters.

Technical Matrix For Laboratory Refrigerator

Temperature Control		
Temperature Sensitivity	± °C	1 or better
Spatial Deviation In Temperature	± °C	1 or better
Readability	°C	0.1
Temperature range	°C	4°C to 8°C
Temperature Sensor		PT-100
Temperature Controller		PID Controller
Display		LED/LCD
Adjustable alarm limits		Optional With PID controller only.
Safety thermostats		
Temperature variation Adjustments		3
Temperature Sensors		PT-100
Automatic temperature setting		Yes
Adjustable limits		Yes
Air Circulation		Forced
Refrigerant		R134A Non CFC
Accessories		
Program (Real Time)		optional
Data Acquisition Program		optional
Serial Port (Printer)	RS232C	optional
Inspection window in door		optional
Printer Report Program		optional
Access Port 30 mm		optional
Castors, lockable		yes
Capacity		
Standard		4 / 6 / 10 / 12 / 15 / 20 Cu ft
Power consumption		
Nominal voltage	V	220-230 Volts, 50 Hz Single Phase
Frequency	Hz	50



An ISO 9001 : 2208 | ISO 14001 : 2008 | ISO 13485
WHO: GMP Products | GLP Compliant Products

www.acmasindia.com | www.acmasglobal.com | www.test-chambers.com

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