

FREEZER

(Vertical or Horizontal) ATI-127
-20/ -40/-86 Degree C



ACMAS Technologies Inc.

CE An ISO 9001:2000 Company



FREEZER (Vertical or horizontal) ATI-127

-20/ -40/-86 Degree C



Salient Features:

- Energy Efficient
- robust construction
- Low maintenance
- Reliable
- CFC free cooling
- Customizable
- Thermal Efficient Insulation
- Outer casing is galvanized steel with baked on paint finish for durability
- Inner liner is Stainless Steel/Pre coated GI
- High density, environment friendly, polyurethane foam for better insulation.
- High-pressure injection machine used for efficient insulation.
- R-134 a refrigerant, chlorine free, environment friendly.
- Built in voltage stabilizer with time delay relay
- Energy saver compressor-low energy consumption.
- Longer thaw out time to take care of prolonged periods of failure.
- Temperature controlled through solid-state digital temperature controller cum indicator.

- Forced air circulation in the chamber by a blower ensures uniform temperature and humidity inside the chamber.
- Door: is provided with magnetic door closer and its outer body is made of powder coated MS and inner is made of SS-304.

Cooling: We use energy efficient ISI marked high end CFC free compressors conforming to latest international standards and guidelines.

Temperature Control: The temperature inside our chambers is controlled through programmable micro-processor based temperature controller cum indicator.

Temperature Range: -20/-40/-86 degree C

Temperature Sensitivity: Temperature inside our environmental chambers is controlled with a sensitivity of + 0.5°C or better.

Air Circulation: circulated by ISI mark silicon winded motors which are connected to balanced blowers.

Construction :-

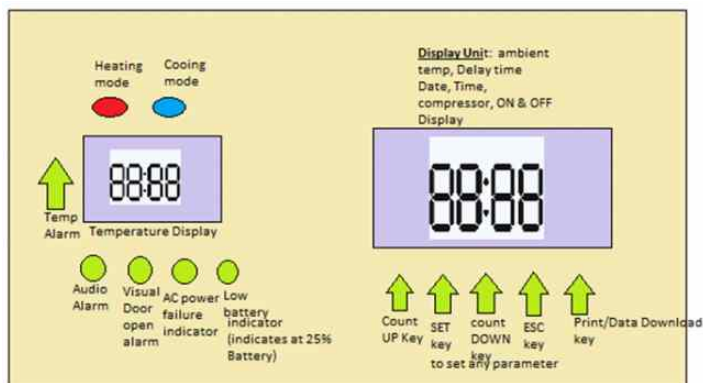
- Inner chamber is made up of high grade stainless steel SS-304 (SS-316 is optional)
- Outer chamber is made up of epoxy coated mild steel (SS-304 is optional)
- Tray is also supplied to make the shelves inside the chamber.
- Glass Wool Insulation: reduces heat losses in cabinet for better sensitivity and economical operations with minimal impact on the environment.

Technical Specifications

Construction	
Inner	SS-304
Outer	Powder coated MS
Door	Inner SS-304 and outer MS
Temperature	
Range	-20/-40/-86 degree C
Deviation	+ 0.5 degree C
Readability	+ 0.5 degree C
Shelves	
Number	According to size in vertical model
Dimension	According to inner size of cabinet
Maximum load	20 kg
Controller	PID controller
Display	LED or LCD
Serial Data Port	RS 232
Power consumption	230 V, 50 Hz
Castors	Lockable
Optional Accessories	
Timer	1-999 hours
Inspection window	In door
LCD display	2 * 24 character display
Adjustable alarm limits	Visual and acoustic
Real time program	

Capacity- 4/6/10/12 Cu.ft.

Microcontroller Based Control Panel



ACMAS Technologies Inc.

CE | An ISO 9001:2000 Company

Sales Office: 312-313, Vardhman Capital Mall, L.S.C. 10, Gulabi Bagh, Delhi-110052, INDIA

Tel: +91-11-23654603 (M) +91-9313971681, 9311039044, 9555351619 Fax: +91-11-23654603 | Email: acmastechnologies@gmail.com | obromax.delhi@gmail.com
www.acmastechnologies.com | www.acmas.in