




# MOLEQULE-ON<sup>®</sup>

## 2-8°C Lab Refrigerator

CAT# MQ-FRI-2-8/525



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## Features:

### ◆ Intelligent Control System

High-precision microprocessor temperature control system with digital LED temperature display 0.1°C accuracy.  
Temperature: 2°C - 8°C

The digital display shows the refrigerator work condition and alarm code, easy to know the refrigerator status  
Dual Channel sensors for cooling control and temperature display

Password protection on microprocessor controller to avoid unauthorized setting

### ◆ Security System

Audible and visible alarm system for safe storage

High/Low temperature alarm, Sensor error alarm, Door ajar alarm, Power failure alarm, Low battery alarm

Ambient Temperature High Alarm, USB Failure Alarm, Remote Alarm

Standard with remote alarm contact

### ◆ Temperature Recording System

Build-in USB interface enable users to download the historical temperature data

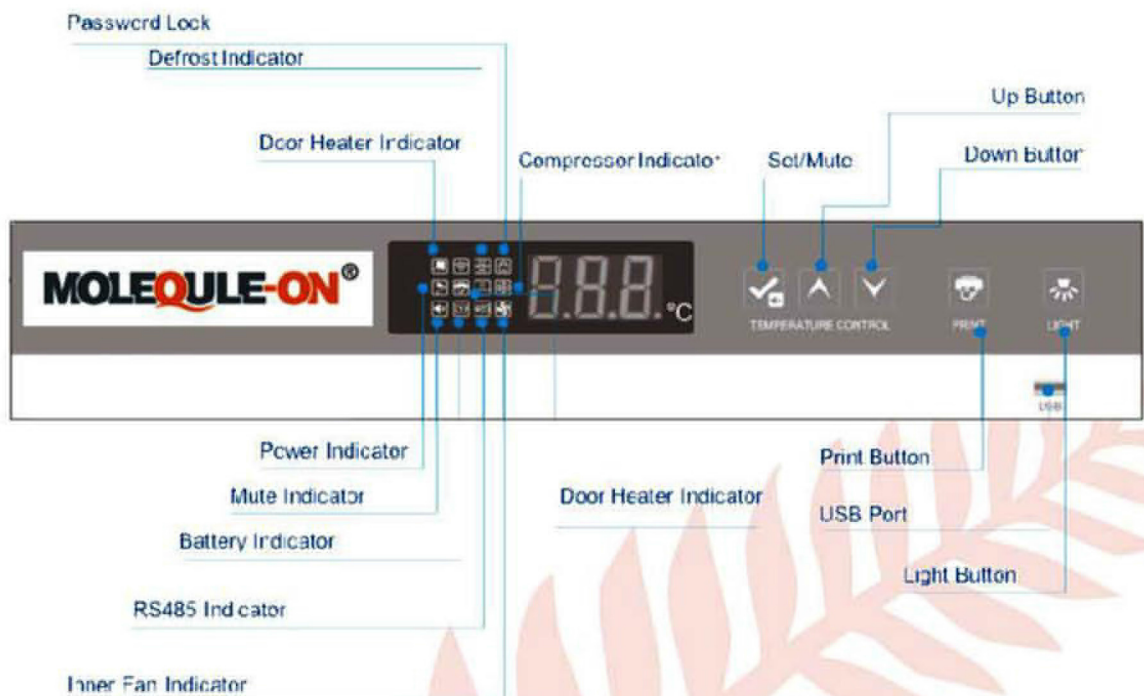
## Refrigeration System:

- ◆ Forced-air cooling refrigerant system reduces the physically induced temperature drop and enables an almost constant temperature to be maintained
- ◆ Auto-defrost function: automatically remove the ice on evaporator surface
- ◆ Reliable compressor and fan, ensure fast cooling, energy-saving and long time running
- ◆ Environment friendly refrigerant CFC-free and HFCF-free

## Ergonomic Design:

- ◆ Double layer glass door is easy to check the inside storage
- ◆ Glass door with electrical heater decreases condensation
- ◆ Door lock avoids the unauthorized access
- ◆ Shelves height is adjustable
- ◆ Interior LED light for easy observation
- ◆ Caster and level feet are easy for moving and lock
- ◆ Epoxy coated exterior: anti-bacteria and easy cleaning
- ◆ Low noise design creates a comfortable working environment
- ◆ RS485 contact enables users centralized management

## Digital Display & Control Panel:





## Specifications:

<b>Technical Data</b>	Cabinet Type	Upright
	Capacity (L)	525
	Temperature Range (°C)	2~8
	Temperature Resolution(°C)	0.1
	Temperature ambient(°C)	16~32
	Temperature Control	Microprocessor
	Display	LED digital display
	Cooling Type	Forced-air Cooling
	Defrost Mode	Automatic
	Refrigerant	CFC-Free
	Noise (dB)	43
<b>Functions</b>	High/low Temperature Alarm	Yes
	Power Failure Alarm	Yes
	Sensor Error Alarm	Yes
	Low Battery Alarm	Yes
	Door Ajar Alarm	Yes
	Ambient Temperature High Alarm	Yes
	USB Failure Alarm	Yes
	Remote Alarm Contact	Yes
<b>Electrical Data</b>	Power (W)	548
	Power consumption (KWh/24h)	3.81
	Rated current (A)	2.49
	Voltage/Frequency(V/Hz)	220V~240V,50Hz/220V,60Hz/110V,60Hz
<b>Accessories</b>	Door	Single Glass Door
	Door Lock	Yes
	Caster	4
	Level Foot	2
	Shelf	6 Shelves +1 Basket
	Remote Alarm Contact	Yes
	Test Hole	Yes
	USB	Yes
<b>Dimensions</b>	Net/Gross Weight (kg)	148/174
	Internal Dimension (W/D/H, mm)	610×685×1264
	External Dimension(W/D/H, mm)	720×810×1961
	Packing Dimension(W/D/H, mm)	744×862×2055
	Container Load (20'/40'/40'H)	14/30/30