

## -80°C Ultra-Low Temperature V.I.P.™ Freezer

## MDF-C8V

- New V.I.P. PLUS™ technology maximises storage capacity
- Filterless structure makes cleaning unnecessary
- Low noise design
- Achieves energy savings of approx. 40%\*
- Product conforms to RoHS (European Restriction of Hazardous Substances directives)

\*SANYO comparison

*Perfect size  
for personal use*



Effective capacity

**84L**  
(3.0 cu.ft.)

Temperature

**-80°C**  
(Ambient temp. 30°C)



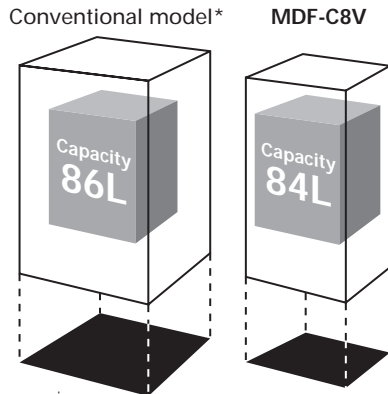
# MDF-C8V

## Features

### More advanced insulation system: V.I.P. PLUS™

SANYO's more advanced insulation system V.I.P. PLUS™ enables reducing the thickness of insulation to approximately one half compared to conventional systems. Small freezers such as MDF-C8V takes full advantage of this feature.

Use of V.I.P. PLUS™ insulation material on the front, left, and right sides enables a smaller installation space with the highest-class storage capacity ratio.



\*SANYO comparison

Installation space **0.525m<sup>2</sup>** **0.377m<sup>2</sup>**

### New cooling circuit enables filter-less structure

A new cooling circuit makes the inconvenient customer maintenance procedure of filter cleaning unnecessary.

### Newly developed single-compressor system

Use of a newly developed single-compressor system achieves an approximately 40% reduction in power consumption and enables low-noise operation.

	Rated power consumption
MDF-C8V	340W/345W
Conventional model*	550W/600W

\*SANYO comparison (115V, 60Hz/230V, 50Hz)

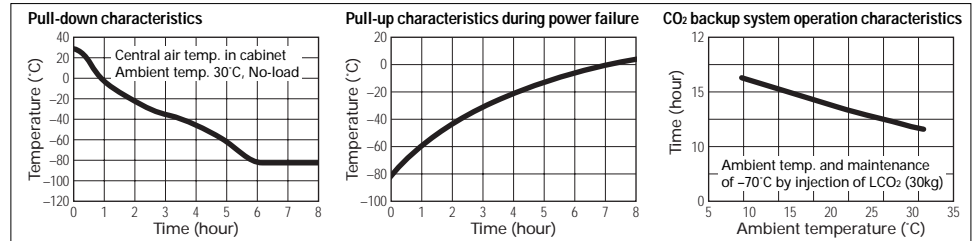
## Specifications

Model	MDF-C8V
Temperature range	-60 to -80°C (1°C increments)
Maximum cooling performance	-80°C (Ambient temp. 30°C)
Exterior dimension (W x D x H)	550 x 685 x 945 mm (21.6" x 27.0" x 37.2")
Inner dimension	405 x 490 x 430 mm (15.9" x 19.3" x 16.9")
Effective capacity	84 Liter (3.0cu.ft.)
Net weight	Approx. 67 kg (148lbs.)
Storage capacity	2" box: 42pcs. (IR-207C x 6 racks)
Outer door/Inner door	Outer Lid: 1piece, Inner Lid: 1piece (PS + PE foam)
Insulation	New VIP + Rigid polyurethane foam (HC)
Cooling system	New mixed refrigerant cooling system
Compressor	Rotary type, Output: 400W
Refrigerant	HFC
Evaporator	Tube on sheet type
Alarm system	• High/Low temp. alarm (±5°C to ±20°C) • Power failure alarm • Remote alarm contact: DC30V, 2A

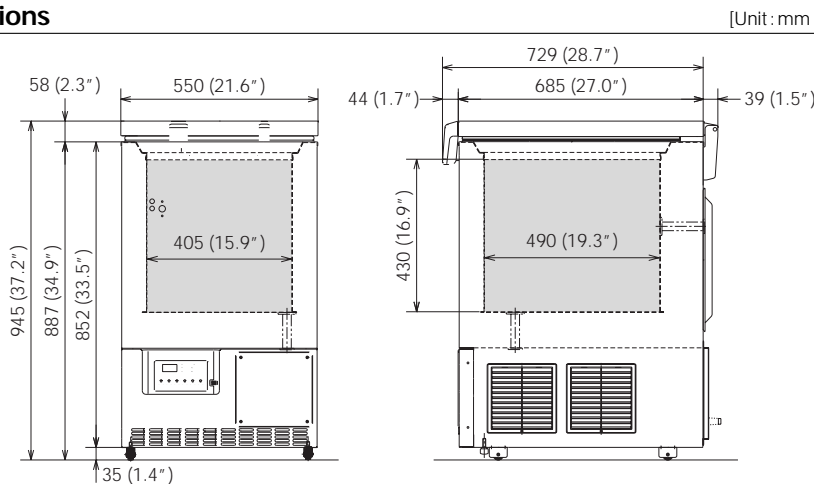
\*Appearance and specifications are subject to change without notice.

\*Cooling performance is indicated by the temperature reached at the center of the freezer (at ambient temperature of 30°C with no load). In order to use the freezer at a stable temperature for a long time, it is recommended that the temperature be set to at least 5°C higher than the indicated lowest temperature. In addition, depending on the usage conditions, it may not be possible to reach the indicated lowest temperature.

## Performance Data



## Dimensions



[Unit: mm (inch)]

## Options

### LCO<sub>2</sub> Back-up system



CVK-UB4

Back-up system mounting kit  
MDF-UBK

### Temperature recorders



MTR-G85



MTR-85H

Sensor cover  
MTR-C8

Inventory rack  
IR-207C

Recorder mounting kit  
MDF-S3085  
(for MTR-85H)

We design and manufacture products in accordance with ISO9001 & 14001 requirements.

Distributed by:

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