

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

## MDF-C8V

- NEW V.I.P.+™ 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)

\*Compared to SANYO's previous models.

**Perfect size  
for personal use**



Effective capacity

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

Temperature

**-80°C**  
(Ambient temp. 30°C)



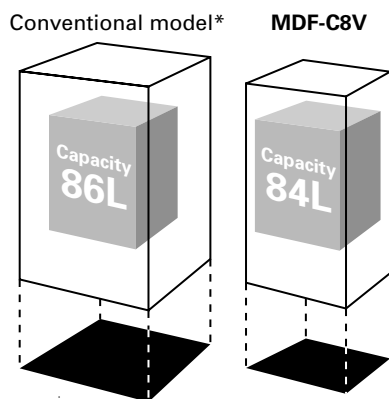
# MDF-C8V

## Features

### More advanced insulation system: V.I.P.+

SANYO's more advanced insulation system V.I.P.+ 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.+ 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	Noise level
MDF-C8V	340W/345W	45dB (A)
Conventional model*	550W/600W	47dB (A)

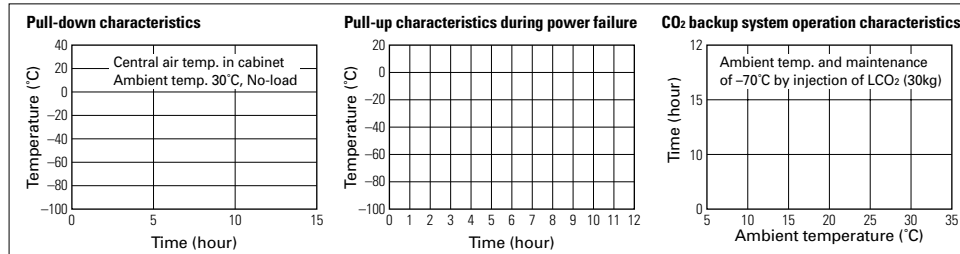
\*SANYO comparison (100V, 50/60Hz)

## Specifications

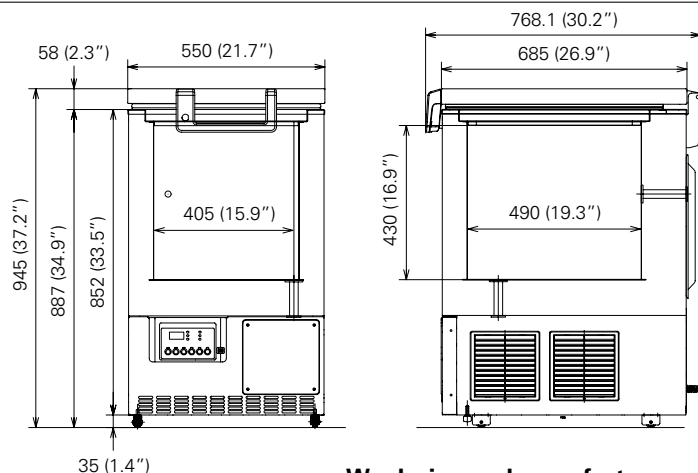
Model	MDF-C8V
Temperature range	-60 to -80°C (1°C 1 increments)
Maximum cooling performance	-80°C (Ambient temp. 30°C)
Exterior dimension (W x D x H)	550 x 685 x 945 mm (21.6" x 27.0" x 37.2")
Inner dimension	405 x 490 x 430 mm (15.9" x 19.3" x 16.9")
Effective capacity	84 Liter (3.0cu.ft.)
Net weight	Approx. 65 kg (143lbs.)
Storage capacity	2" box: 42pcs. (IR-207C x 6 racks)
Cooling performance	-80°C (AT30°C, no-load)
Outer door/Inner door	Outer Lid: 1pcs., Inner Lid: 1pcs.(PS + PE foam)
Insulation	New VIP + Rigid polyurethane foam (HC)
Cooling system	New mixed refrigerant cooling system
Compressor	Hermetic type, Rotary type, Output:400W
Refrigerant	New mixed refrigerant (HFC)
Evaporator	Tube on sheet type
Alarm system	<ul style="list-style-type: none"> <li>• High/Low temp. alarm (±5°C to ±20°C)</li> <li>• Power failure alarm</li> <li>• Remote alarm contact: DC30V, 2A</li> </ul>

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

## Performance Data



## Dimensions



[Unit: mm (inch)]

## Options

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



**MDF-UB4**  
(with MDF-UBK)

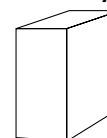
### Circular recorders



**MTR-G85**  
(with MTR-C8)

**MTR-85H**  
(with MTR-C8)

### Inventory rack



**IR-207C**

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

Distributed by:

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