



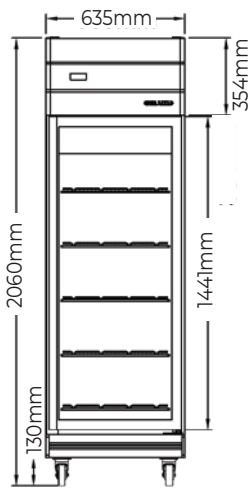
INVERTER
1DDF-IV-BB

Product Features

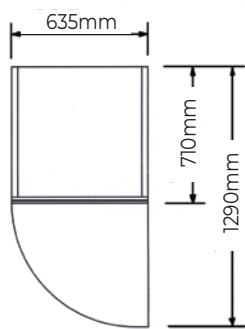
- Inverter Compressor, low starting current, high energy efficiency and low acoustic level with variable-speed technology
- Double Layer Low E Glass energy efficiency by reducing the amount of heat that enters or leaves the fridge
- Automatic defrost system saves energy consumption and provide the shortest possible defrost cycle.
- Ventilated System assisted with fan to ensure homogeneous coolness in the storage space.
- High-density Cyclo-isopentane Polyurethane insulated body saves energy.
- Environmental friendly refrigerant (R290 gas, fast cooling)
- Humidity up to 75%, recommended in air conditioned space, heated glass option available

Display Freezer | 1 Door

Model	Black Body White Body Stainless Steel Body	1DDF-IV-BB 1DDF-IV-WB 1DDF-IV-SB
Temperature °C (Celsius)		-18 to -12
Dimension (L x W x H) (mm)		635 x (710 + 20) x 2060
Gross Volume (Litres)		400
Voltage / Frequency (V/Hz)		230V / 1 / 50Hz 220V / 1 / 60Hz
Cooling Capacity (W)		744
Refrigerant		R290
Energy Consumption (kW/24h)		4.8
PVC Coated Shelving		5
Defrost System		Forced Air Circulation
Weight (kg)		113
Unit for 20ft / 40ft Container		24 / 51



Front View



Top View

1DDF-IV-BB | 1DDF-IV-WB | 1DDF-IV-SB

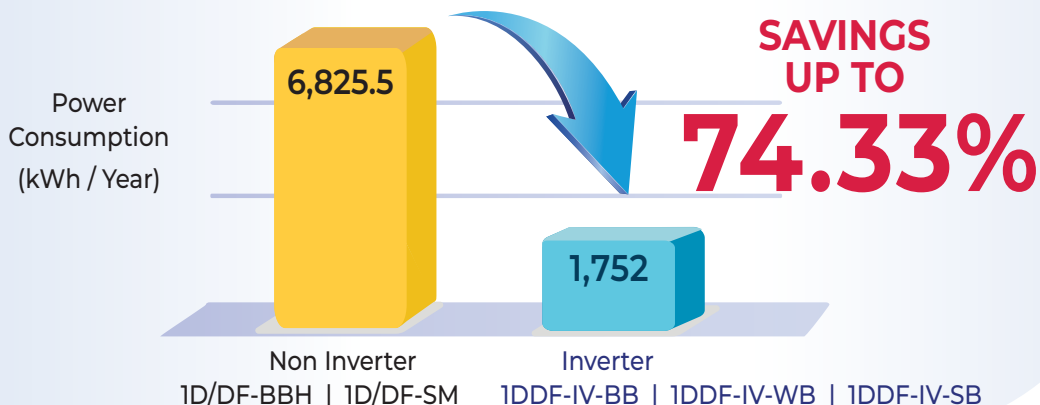
INVERTER ENERGY SAVING EFFECT

74.33%

Reduced Energy Consumption

- Laboratory Test in Cabinet Full Load Condition with Fridge Test M Pack as the figure shown.
- During the Laboratory test open the door every 10 minutes and hold for 6 seconds each time, simulating the usage method of end-user.
- Applicable test follow the ISO 22041 Standard.
- Actual Energy consumption is based on the actual operation and storage method from the end-user.

Comparison of Energy Consumption



53.5
EEI

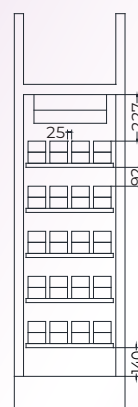
Energy Consumption Rating in MELS

- Energy Consumption level based on Minimum Energy Performance Standard (MEPS) level at Energy Efficiency Index (EEI).
- Figure Table shown the Commercial Storage Refrigerators EEI Rating in Mandatory Energy Labelling Scheme (MELS) Tick Level.

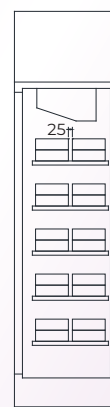
Energy Efficiency Index (EEI)

Mandatory Energy Labelling Scheme at

- ✓ - 1 Tick (Low) : $80 \leq \text{EEI} \leq 95$
- ✓✓ - 2 Tick (Fair) : $60 \leq \text{EEI} < 80$
- ✓✓✓ - 3 Tick (Good) : $40 \leq \text{EEI} < 60$
- ✓✓✓✓ - 4 Tick (Very Good) : $20 \leq \text{EEI} < 40$
- ✓✓✓✓✓ - 5 Tick (Excellent) : $\text{EEI} < 20$



Front View



Side View

Laboratory Test in Full Load Condition

Dimension in mm

within 120 mins

Higher Cooling Efficiency

- Fast Cooling within 120 minutes in Full load Condition.
- Base on Temperature Controller Setting -18°C and Test in Environment Ambient Temperature 35°C .
- Laboratory Test in Cabinet Full load condition with Fridge Test M Pack as the figure shown.



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