



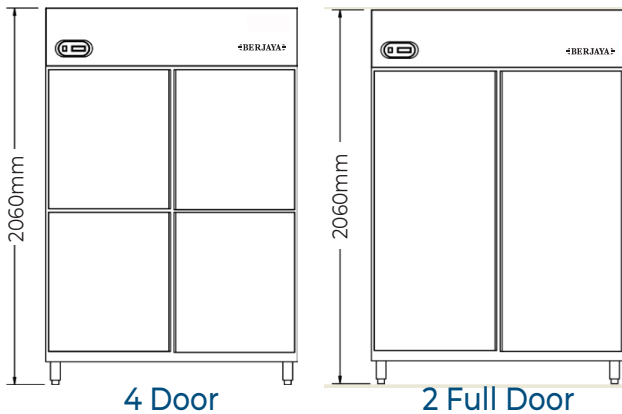
**INVERTER**  
**4DUC-IV-Z**



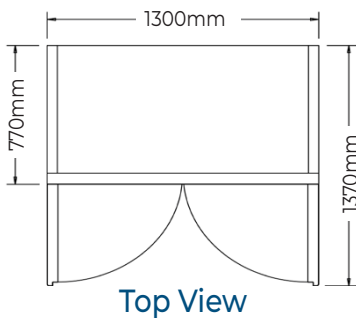
**INVERTER**  
**2FDUC-IV-Z**

## Product Features

- Inverter Compressor, low starting current, high energy efficiency, and low acoustic level with variable-speed technology.
- Solid Door maintain the desired temperature inside the refrigerator, contributing to better energy efficiency.
- Effective counter-balanced weight system self-closing door provides smooth, even positive closure.
- Durable stainless steel exterior and interior, Full-length door handle.
- 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)



Front View



Top View

**4DUC-IV-Z | 2FDUC-IV-Z**

## Upright Chiller | 4 Door & 2 Full Door

Model	4 Door 2 Full Door	4DUC-IV-Z 2FDUC-IV-Z
Temperature °C (Celsius)		+2 to +8
Dimension (L x W x H) (mm)		1300 x 770 x 2060
Gross Volume (Litres)		1042
Voltage / Frequency (V/Hz)		230V / 1 / 50Hz 220V / 1 / 60Hz
Cooling Capacity (W)		792
Refrigerant		R290
Energy Consumption (kW/24h)		1.7
PVC Coated Shelving		8
Defrost System		Forced Air Circulation
Weight (kg)		138
Unit for 20ft / 40ft Container		11 / 23

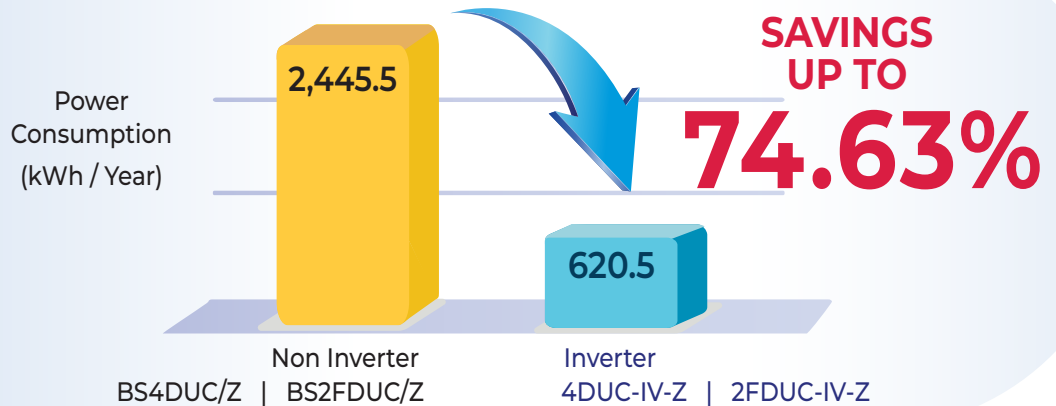
# INVERTER ENERGY SAVING EFFECT

## 74.63%

### 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



## 27.5 EEI

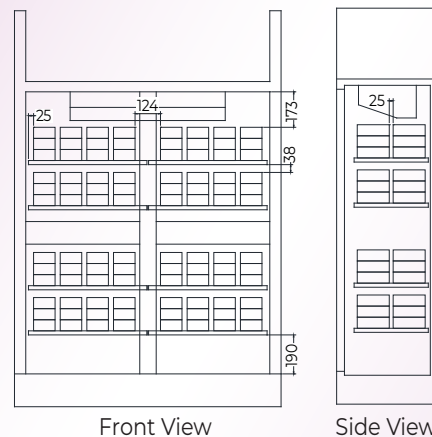
### Energy Consumption Rating in MELS

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



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 +2°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.



新馬白鋼雪櫃有限公司  
SINGMAH STEEL REFRIGERATION PTE LTD