



**INVERTER**  
1DDF-IV-BB



**INVERTER**  
2DDF-IV-BB



**INVERTER**  
3DDF-IV-BB

Body Option:-



White Body



Stainless Steel Body

## Product Features

- **Inverter Compressor**, Smart, Variable speed, Longer Lifespan
- **R290 Environmental Friendly Refrigerant**
- **Temperature Control**, Consistent Cooling
- **Cooling Performance**, Fast and Adaptive
- **Three Layer Heater Glass Door**
- Automatic Defrost System
- **Ventilated System**
- High-Density Cyclo-isopentane Polyurethane
- Voltage 220 - 230V, Frequency 50 / 60 Hz
- **Humidity up to 75%.**  
It is recommended to use in air-conditioned space. If the ambient humidity is higher than 75%, glass door heaters can be optionally switched on to alleviate condensation issue.

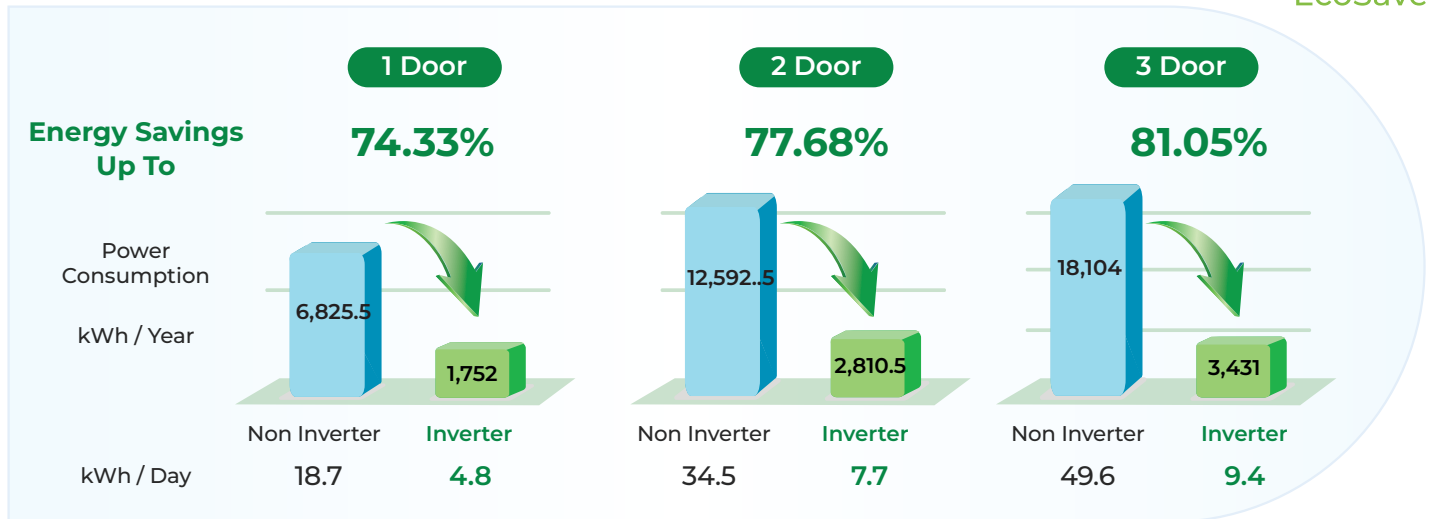
## Product Specifications

		1 Door	2 Door	3 Door
Model	Black Body White Body Stainless Steel Body	1DDF-IV-BB 1DDF-IV-WB 1DDF-IV-SB	2DDF-IV-BB 2DDF-IV-WB 2DDF-IV-SB	3DDF-IV-BB 3DDF-IV-WB 3DDF-IV-SB
Temperature °C (Celsius)		-18 to -12	-18 to -12	-18 to -12
Dimension (L x W x H) (mm)		635 x (710 + 20) x 2060	1260 x (710 + 20) x 2060	1880 x (710 + 20) x 2060
Gross Volume (Litres)		404	882	1367
Energy Consumption (kWh)•		4.8	7.7	9.4
Energy Savings (kWh / Day)•		13.9	26.8	40.2
Energy Savings Up To (% / Year)•		74.33	77.68	81.05
PVC Coated Shelving		5	10	15
Energy Consumption Rating in MELS **	EEL Tick Level	53.5 ✓✓✓	49.1 ✓✓✓	54.4 ✓✓✓

• Energy Savings compared with Standard Model

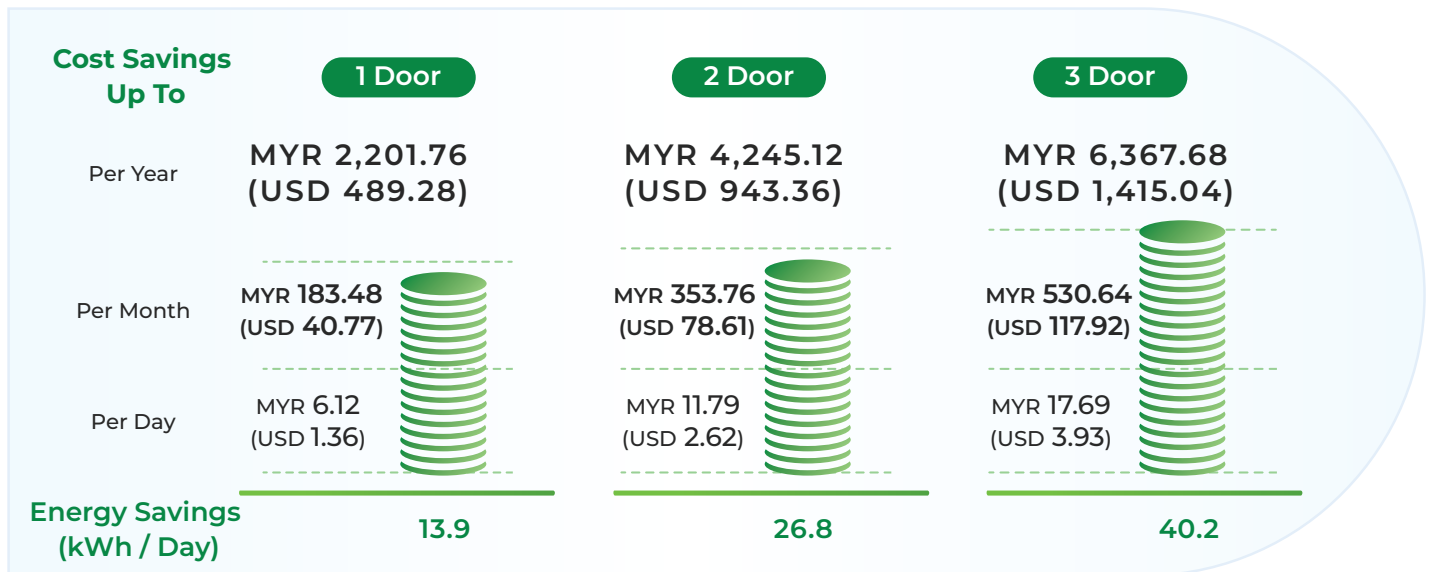
\*\* In-House Laboratory Testing Report

## Energy Consumption & Savings



- Laboratory Test in Cabinet Full Load Condition
- 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.

## Electricity and Cost Savings



- Electricity Tariff Assumption (Malaysia):  
 Calculations are based on Tenaga Nasional Berhad (TNB) Commercial Tariff, estimated at MYR 0.55 / kWh ( $\approx$  USD 0.12 / kWh).
- \* Source : <https://www.tnb.com.my/commercial-industrial/pricing-tariffs1>
- \* USD conversion is for reference only and based on an indicative exchange rate.
- Actual electricity charges may vary depending on tariff category and usage.



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