

PRODUCT FEATURES



SINGLE COMPRESSOR TECHNOLOGY

Single compressor technology with a simple structure that ensures easy maintenance, lower heat dissipation, low energy consumption, and noise reduction.



LOW ENERGY CONSUMPTION

Our products aim to have as low a CO2 footprint as possible, by choosing energy-efficient components of high quality throughout the development and design process.



ECO FRIENDLY REFRIGERANT

We have strongly committed ourselves to the responsible use of natural resources and clean technologies by using eco-friendly alternatives.



100% HCFC & CFC FREE

Arctiko can proudly confirm that we are 100% HCFC & CFC free, and we aim to use the most environmentally friendly solutions in our products.



FORCED AIR COOLING

Arctiko's forced air cooling provides high-temperature stability. Forcing the airflow around the stored items ensures quick temperature recovery after door openings.



MONOBLOCK TECHNOLOGY

With the monoblock technology, the defrost process has less effect on the temperature inside the unit compared to units without monoblock.



KEY LOCK ON DOOR

We offer door locks on all models for optimal security and safety of your samples.



AUTOMATIC DEFROST

Automatic defrost for high-temperature stability and uniformity ensures the integrity of your samples.

PRODUCT SPECIFICATIONS

Main Specifications	
Item Code	1600022-01
Temperature Range (°C)	+2 / +8 °C
Temperature Range (°F)	+35.6 / +46.4 °F
Max. Ambient Temperature (°C)	+40 °C
Capacity (L)	1400
Capacity (Cu.FT)	49.44
Exterior Dimensions WxDxH (Mm)	1440 X 800 X 2010
Exterior Dimensions WxDxH (Inches)	57 X 31 X 79
Interior Dimensions WxDxH (Mm)	1320 X 665 X 1530
Interior Dimensions WxDxH (Inches)	52 X 26 X 60
Weight (KG)	220
Weight (Lb)	485
Insulation (Mm)	60
Insulation (Inches)	2.36
Cooling Technology	Forced Air
Controller Model / Probe Type	Carel IJS / NTC
Power Supply (V)	115
Frequency (Hz)	60
Power Consumption (KWH/24H)	3.85
AMP (A)	5.4
Power (Watt)	470
Horse Power (HP)	1/3
Display / Data / Alarm	
Alarm Display As Text - Not Codes	Yes
Visual / Acoustic Alarm	Yes / Yes
Power Failure Alarm	Yes
Adjustable High/Low Temperature Alarm	Yes / Yes
Open Door Alarm	Yes
Probe Failure Alarm	Yes
Low Battery Alarm	Yes
Voltage Free Contact For Remote Alarm (E.G. GSM Alarm Module)	Yes
Electronic Data Logger	Yes
Display Type	Digital
Number Of Optional Reference Probes	2
Other Features	
Automatic Defrost	Yes
Vaccum Release Port	Yes
Access Port For External Probe Etc. (Int. Diameter Mm)	Yes
Light	Yes
Lock With Key	Yes
Castors (Total Pcs) / Castors With Brake (Pcs)	6 / 2
Fixed Shelves (Pcs) / Adjustable Shelves (Pcs)	6
Max. No. Of Shelves (Pcs) / Recommended Max. No. Of Shelves (Pcs)	12
Max Load Per Shelf (Kg)	45
Adjustable Drawers (Pcs)	Optional
Max. No. Of Adjustable Drawers (Pcs)	12
Max. Load Per Adjustable Drawer (Kg)	45
Refrigerant & Cabinet	
Number Of Compressors	1
Refrigerant	R290
Interior Cabinet Material	Hot-Dipped Galvanized Steel, Anticorrosion Treated, PVC Film Coated
Exterior Cabinet Material	Hot-Dipped Galvanized Steel, Anticorrosion Treated, PVC Film Coated
Colour (Exterior Cabinet)	White
Foam Agent	Cyclopentane Polyurethane
Shipping	
Shipping Weight (Kg)	241
Shipping Weight (Lb)	531
Shipping Dimensions WxDxH (Cm)	1530 X 910 X 2210
Shipping Dimensions WxDxH (Inches)	60 X 36 X 87
Shipping Volume (M ³)	3.1
Shipping Volume (Cu.FT)	109.48