408L Advanced Vertical Laboratory Ultra Low Temperature Freezer For Critical Research Material Preservation

Item Number: KTFDV-408

Introduction

Ultra-low temperature freezer for labs: precise -86°C control, energy-efficient, secure sample storage. Ideal for research & biotech.

Learn More

Parameter	Specification
Model	KTFDV-408
Type	Vertical
Capacity	408L
Internal Temperature Range	-40°C to -86°C (Adjustable)
Alarm System	Audible and Visual Alarms
Power Supply	220V/50Hz
Power	900W
Power Consumption	13.2 kWh/24h
Protection Level	I/B
Climate Type	N
Refrigerant	Fluorine-Free Eco-Friendly Refrigerant (HC based)
Compressor	High-Efficiency Compressors (2 units)
Refrigeration System	Optimized Cascade Refrigeration System
Temperature Control	Microprocessor Electronic Control
Temperature Display	Digital Display
Temperature Sensor Probe	PTC
Condenser Fan	High-Efficiency Fan
Outer Casing Material	Powder-Coated Cold-Rolled Steel
Inner Liner Material	304 Stainless Steel
Shelves / Inner Doors	3 Shelves / 4 Inner Doors (304 Stainless Steel)
Insulation Thickness	120mm
Pressure Equalization Port	1 (Φ18mm)
Casters	4
Net Weight / Gross Weight	188kg / 238kg

Parameter	Specification
External Dimensions (WDH)	850mm * 900mm * 1780mm
Internal Dimensions (WDH)	610mm * 615mm * 1120mm
Packing Dimensions (WDH)	980mm * 980mm * 1930mm
Loading Quantity (20'GP)	12 units