

kaltis®

LOW & ULTRA LOW TEMPERATURE FREEZERS



- * Excellent stability at all operating temperatures
- * Reliable compressors- Long life and Low maintenance
- * Patented, Push/Pull door handle & Locking mechanism
- * CFC-free refrigeration system
- * Proprietary Insulation
- * Low noise



- * Key Pad Microprocessor Controllers
- * Inventory and storage systems
- * Back up systems
- * Monitoring systems



The future has a name

Refrigeration System	Electrical System
* Custom designed cascade refrigeration system with two, 1Hp air-cooled compressors.	* Automatic voltage compensation with solid state relay driver.
* CFC-free refrigerants.	* Built-in Surge suppressor, Circuit breaker, Power supply and compressor protection. Auto Delay Restart (ADR).
* Large condenser & Down flow evaporator.	
Control System	Monitoring System
* Key pad Microprocessor alarm & control system.	* A variety of optional, RS232-based, monitoring systems are available, including a real time clock and a complete alarm event history.
* Password security system for main power, temperature & alarm setting.	* Visual Indicators for filter condition, low back up battery power and other functions.
* Temperature Increment / Decrement in steps of 1°C.	

Alarm System

- * Back up Battery provide for continuous system power.
- * Exterior alarm contacts for remote monitoring systems.
- * Key Pad, Intelligent Self-Diagnostic system controller. Audio & Visual warning of Temperature deviation, Power Failure, Low Battery, Door Open.

Cabinet Construction

- * Proprietary closed-cell, high density CFC-free urethane insulation.
- * Dual wheel, heavy-duty swivel castors.

Optional Accessories

- * Inventory storage systems, including Racks & Boxes.
- * Alarm and Monitoring Systems.
- * Back Up Systems.

All models are available with different voltages / frequencies. Inquire for specific model specifications.

Prime Series, -86 °C			Merit Series, -86 °C		
Model No.	Upright Voltage	Capacity	Model No.	Upright Voltage	Capacity
AV039P	220-240V 50Hz	390Liter	AV039M	220-240V 50Hz	390Liter
AV050P		500Liter	AV050M		500Liter
AV061P		616Liter	AV061M		616Liter
AV073P		732Liter	AV073M		732Liter
DV039P	208-230V 60Hz	390Liter	DV039M	208-230V 60Hz	390Liter
DV050P		500Liter	DV050M		500Liter
DV061P		616Liter	DV061M		616Liter
DV073P		732Liter	DV073M		732Liter
Model No.	Chest Voltage	Capacity	Model No.	Chest Voltage	Capacity
AH020P	220-240V 50Hz	199Liter	AH020M	220-240V 50Hz	199Liter
AH030P		299Liter	AH030M		299Liter
AH040P		399Liter	AH040M		399Liter
AH050P		498Liter	AH050M		498Liter
AH060P	208-230V 60Hz	598Liter	AH060M	208-230V 60Hz	598Liter
DH020P		199Liter	DH020M		199Liter
DH030P		299Liter	DH030M		299Liter
DH040P		399Liter	DH040M		399Liter
DH050P		498Liter	DH050M		498Liter
DH060P		598Liter	DH060M		598Liter
Prime Series, -40 °C			Merit Series, -40 °C		
Model No.	Upright Voltage	Capacity	Model No.	Upright Voltage	Capacity
AA039P	220-240V 50Hz	390Liter	AA039M	220-240V 50Hz	390Liter
AA050P		500Liter	AA050M		500Liter
AA061P		616Liter	AA061M		616Liter
AA073P		732Liter	AA073M		732Liter
DA039P	208-230V 60Hz	390Liter	DA039M	208-230V 60Hz	390Liter
DA050P		500Liter	DA050M		500Liter
DA061P		616Liter	DA061M		616Liter
DA073P		732Liter	DA073M		732Liter
Model No.	Chest Voltage	Capacity	Model No.	Chest Voltage	Capacity
AB020P	220-240V 50Hz	199Liter	AB020M	220-240V 50Hz	199Liter
AB030P		299Liter	AB030M		299Liter
AB040P		399Liter	AB040M		399Liter
AB050P		498Liter	AB050M		498Liter
AB060P	208-230V 60Hz	598Liter	AB060M	208-230V 60Hz	598Liter
DB020P		199Liter	DB020M		199Liter
DB030P		299Liter	DB030M		299Liter
DB040P		399Liter	DB040M		399Liter
DB050P		498Liter	DB050M		498Liter
DB060P		598Liter	DB060M		598Liter

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