SPECIFICATIONS

Product name	Ultra-Low Temperature Freezer MDF-U74V	Ultra-Low Temperature Freezer MDF-U74VC
External dimensions	W1010 mm x D870 mm x H2010 mm	
Internal dimensions	W870 mm x D600 mm x H1400 mm	
Effective capacity	728 L	
Exterior	Painted steel	
Interior	Painted steel	
Outer door	Painted steel	
Inner door	ABS resin panel with stainless frame, 2 doors	
Shelf	Stainless steel, 3 shelves (adjustable) Inner dimension; W848 mm x D533 mm, Load; 50 kg/shelf	
Access port	17 mm diameter, 3 locations (back, bottom x 2)	
Insulation	Vacuum insulation panel + Rigid polyurethane foamed-in place	
Compressor	High stage side; Hermetic type, Output; 1100 W Low stage side; Hermetic type, Output;1100 W	
Evaporator	Tube on sheet type	
Condenser	High stage side; Fin and tube type, Low stage side; Shell and tube type	
Refrigerant	High stage side; R-407D, Low stage side; R-508	
Temperature controller	Microcomputer control system	
Temperature display	Digital display	
Thermal sensor	Platinum resistance (Pt 1000Ω)	
Alarm	High temp. alarm, Low temp. alarm, Power failure alarm Door alarm, Filter alarm	
Remote alarm contact	Allowable contact capacity: DC 30 V, 2 A	
Battery	Nickel-metal-hydride battery, DC 6 V, 1100 mAh, Auto-recharge (5HR-AAC)	
Accessories	1 set of key, 1 scraper	
Weight	346 kg	351 kg
Voltage booster	None	Built-in
Optional component	Inventory rack (IR-220U, IR-224U), Small inner door (MDF-7ID), Temperature recorder (MTR-G85C)*, Interface board (MTR-480), Interface board (MTR-L03), Data acquisition system (MTR-5000), Back up cooling kit (CVK-UB2, CVK-UB2I): LCO_2, (CVK-UBN2): LN_2	

Note:

• Design or specifications will be subject to change without notice.

• Refer to the updated catalog when ordering an optional component.

*: Power source of the temperature recorder shall be 220 V.

• When a data transmitting function to the personal computer is done, an interface board MTR-480 (option) and communication cable of 9 pin Dsub cross type for RS232C are necessary.