



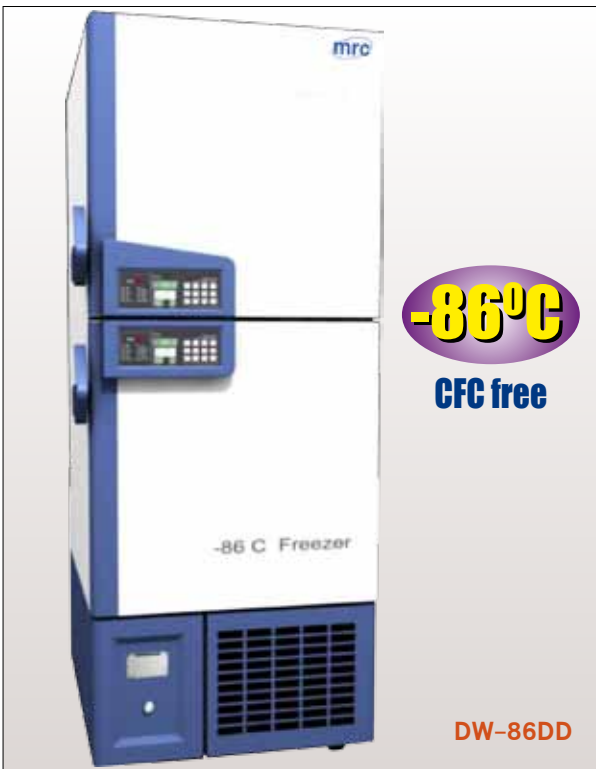
DW-HL

**Model: DW-65/86HL218/328/388/538/828, Upright Type Freezer**  
**Effective Capacity: 218/328/388/538/828Liter**  
**Temperature range: -10°C ~ -65°C/-86°C (limit temp. is -90°C)**

**Features:** Upright type • Inside temperature ranging from -10°C~-86°C can be set freely , controlling precision is 1°C  
 • Stainless steel interior, Outer is painted steel panel • Front opening lockable door with full height handle • Vacuum release port • Inner 3 shelves Stainless steel with inner door (218Liter is 2 shelves) • Imported Danfoss compressor, Tow compressors parallel connection, low noise level • 2-4 hours come to -86°C • Microprocessor-based temperature control system, platinum resistance sensors • Digital temp. display • Keyboard lock and password protected configuration page • Audible and visual alarm: • High or low temp. alarm, Power failure alarm, Low battery alarm, Door ajar alarm, Filter blocking alarm, system failure alarm • With temperature printer, record 7days data • 72 hour battery back up for printer & controller display • 4 units Casters for easy handing • Mixture gas with R134a,R404a, R23,R24,N2,R600a & more, CFC free • Certificate: CE mark, ISO14001,ISO13485 • Power supply: 220V/50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz •

**Optional: chart recorder, CO<sup>2</sup> back up, storage racks, boxes.**

Model	Capacity	Temp. range	External size(mm)	Inside size(mm)	Input power	Weight (N.T/G.T)
DW-65GL218 DW-86HL218	218 Liters	-10°C ~ -65°C -10°C ~ -86°C	W940xD840xH1552	W582xD470xH768	1000W	225Kg/250Kg
DW-65GL328 DW-86HL328	328 Liters	-10°C ~ -65°C -10°C ~ -86°C	W940xD840xH1999	W582xD470xH1200	1500W	320Kg/350Kg
DW-65GL388 DW-86HL388	388 Liters	-10°C ~ -65°C -10°C ~ -86°C	W940xD840xH1999	W600xD538xH1200	1800W	330Kg/360Kg
DW-65GL538 DW-86HL538	538 Liters	-10°C ~ -65°C -10°C ~ -86°C	W940xD840xH1999	W650xD600xH1345	2000W	360Kg/380Kg
DW-65GL828 DW-86HL828	828 Liters	-10°C ~ -65°C -10°C ~ -86°C	W1230xD996xH2056	W930xD710xH1323	3200W	420Kg/450Kg



DW-86DD

**Model: DW-86DD498, Upright Type Freezer, Double control system, door, cooling system**  
**Capacity: 498Liter Range: -10°C ~ -86°C**

**Control System:** Double microprocessor-based temp. controller, -10°C ~ -86°C can be set freely & control each room separately, controlling precision is 1°C, Digital temp. display • Keyboard lock and password protected configuration page,Delayed start and safe stop interval between restart and being terminated • Audible and visual alarm: High or low temperature alarm, Power failure alarm, Low battery alarm, Door open alarm, Filter blocking alarm, system failure alarm • Power supply: 220V /50Hz 1 phase, can be changed as 220V 60HZ or 110V 50/60HZ.

**Structure Design:** Upright type, double door for up and down rooms. Stainless steel interior, Outer is painted steel panel, 4 units Casters for easy handing • Front opening lockable door with full height handle, with Vacuum release port Adjustable 1 stainless steel shelves with inner door for each room, double silicon gasket seal • Two-times foaming technology. 110mm foaming insulation, with VIP+ • With temperature printer, record 7 days data. 72 hour battery back up for printer and controller display • Optional: Chart recorder, CO<sub>2</sub> back up system, storage boxes, Remote alarm system.

**Refrigeration System:** Double cooling system to support different rooms separately and independently. If one system damage, another one can work normally • Imported Danfoss compressor and EBM fan motor.

Model	Capacity	Temp. range	External size(mm)	Inside size(mm) WxDxH	Input power	Weight (N.T/G.T)
DW-86DD498	498 Liters	-10°C ~ -86°C	W1200xD882xH2011	UP: 880x500x516+880x70x464 Down: 880x500x516+880x14x440	1800W	320Kg/340Kg

-86°C Models	Rack Size (mm)	Racks/Freezers	Boxes/Racks	Total Boxes / Freezer
DW-86HL218	140 x 435 x 336	6	20	120
DW-86HL328	140 x 435 x 280	12	20	240
DW-86HL388	140 x 550 x 225	12	20	240
DW-86HL538	140 x 550 x 225	16	20	320
DW-86HL688	133 x 510 x 133	20	20	400
DW-86HL768	133 x 510 x 133	24	20	480
DW-86HL828	140 x 680 x 320	24	30	720

-65°C Models	Rack Size (mm)	Racks/Freezers	Boxes/Racks	Total Boxes / Freezer
DW-65GL218	140 x 435 x 336	6	20	120
DW-65GL328	140 x 435 x 280	12	20	240
DW-65GL388	140 x 550 x 225	12	20	240
DW-65GL538	140 x 550 x 225	16	20	320
DW-65GL828	140 x 680 x 320	24	30	720

-86°C Models	Rack Size (mm)	Racks/Freezers	Boxes/Racks	Total Boxes / Freezer
DW-86HW138	143 x 140 x 540	8	16	128
DW-86HW328	143 x 140 x 560	24	16	384

-65°C Models	Rack Size (mm)	Racks/Freezers	Boxes/Racks	Total Boxes / Freezer
DW-65GW138	143 x 140 x 540	8	16	128
DW-65GW328	143 x 140 x 560	24	16	384

-40°C Models	Rack Size (mm)	Racks/Freezers	Boxes/Racks	Total Boxes / Freezer
DW-40FL531	140 x 550 x 225	16	20	320

#### Option: SMS Temperature & Humidity Alarm

#### AL-SMS-THR Series, Smart Energy Control ... Energy Saving, Environment & Properties Protection



#### 3 simple steps starting the unit:

- Insert the SIM card
- Plug in the sensors connectors
- Connect the AC power cord.

#### Specifications:

- AC 90~260V Auto Select
- Internal 2Ah Rechargeable Battery
- Non-Stop Operation in AC power loss
- SMS Alert on AC power loss.

#### Application:

Temperature & Humidity SMS Alert Controller can be utilized in monitoring the environmental condition for commercial, medical, food , storage, weather station, military, manufacturing industries.

It makes use of SMS to alert users of temperature and humidity conditions via SMS. By implementing the bundled Server/Client Software and GSM modem, a management system of multi-controllers can be built up to monitor a number of remote sites in one single centre.

#### Features:

- Alarm Alert Modes—SMS, Phone Dial or Both.
- Each alarm is associated with its own alarm SMS text.
- Alarm SMS text is programmable by user remotely via SMS or Setup Software.
- Independent text message for each alarm . Independent text message for close or open triggered alarm.
- Configuration can be modified by user remotely via SMS or Setup Software.
- Arm or Disarm by SMS or Setup Software.
- Relay triggered by alarm or SMS command.
- Verification of command by return SMS.