

Model: DW-164ZW128/258, Chest Type Freezer Effective capacity: 128/138/258/328/400L
 Temperature range: -120°C/-110°C/-10°C ~ -65°C/-86°C/-105°C/-135°C/-152°C/-164°C

**Features:**

Chest type • Inside temperature ranging from -120°C~-164°C can be set freely , controlling precision is 1°C • Stainless steel interior, outer is painted steel panel • Rotatable assistant door handle, door with key lock • 150mm extra thick heat insulating layer (155mm: DW-MW/HW/GW) • Imported Danfoss compressor (1 unit), 4-6 hours come to -164°C • Fan Motor EBM • Digital temperature display • Keyboard lock and password protected configuration page • Audible & visual alarm: High or low temperature 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 handling • Power supply: 380V/50Hz 3 phase, can change as 220V/60Hz (220V/50Hz 1 phase: DW-MW/HW/GW) • Standard as 1 unit basket (DW-ZW/LW/UW/MW) • Mixture gas with R134a,R404a,R23,R24,N2,R600a and more, CFC free • Certificate: CE mark, ISO9001, ISO14001, ISO13485 • **Optional: chart recorder, CO² back up, storage racks, boxes.**

-65°C**-10°C ~ -65°C Freezer**

Model	Capacity	Temp. range	External size(mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-65GW138	138 Liters	-10°C ~ -65°C	W1404xD914xH1215	W490xD470xH582	800W	215Kg/250Kg
DW-65GW328	328 Liters	-10°C ~ -65°C	W2114xD914xH1215	W450xD1200xH580	1500W	260Kg/330Kg

-86°C**-10°C ~ -86°C Freezer**

Model	Capacity	Temp. range	External size(mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-86HW50	49 Liters	-10°C ~ -86°C	W600xD560xH910	W343xD343xH415	300W	60Kg/66Kg
DW-86HW131	131 Liters	-10°C ~ -86°C	W890xD1320xH1009	W470xD570xH490	800W	230Kg/250Kg
DW-86HW328	328 Liters	-10°C ~ -86°C	W890xD2005xH1009	W470xD1200xH582	1500W	300Kg/320Kg
DW-86HW405	405 Liters	-10°C ~ -86°C	W890xD2005xH1009	W540xD1270xH590	1500W	320Kg/340Kg
DW-86HW645	645 Liters	-10°C ~ -86°C	W1150xD2050xH1009	W815xD1200xH660	2500W	340Kg/360Kg

-105°C**-10°C ~ -105°C Freezer**

Model	Capacity	Temp. range	External size(mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-105MW138	138 Liters	-10°C ~ -105°C	W890xD1320xH1009	W470xD570xH490	1000W	215Kg/250Kg
DW-105MW328	328 Liters	-10°C ~ -105°C	W890xD2005xH1009	W470xD1200xH582	1800W	330Kg/360Kg

-135°C**-10°C ~ -135°C Freezer**

Model	Capacity	Temp. range	External size(mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-135LW128	128 Liters	-10°C ~ -135°C	W880xD1590xH1040	W370xD600xH550	215W	215Kg/250Kg
DW-135LW258	258 Liters	-10°C ~ -135°C	W890xD2085xH1009	W410xD1140xH552	330W	330Kg/360Kg

-152°C**-110°C ~ -152°C Freezer**

Model	Capacity	Temp. range	External size(mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-152UW128	128 Liters	-110°C ~ -152°C	W880xD1590xH1040	W370xD600xH550	2600W	215Kg/250Kg
DW-152UW258	258 Liters	-110°C ~ -152°C	W890xD2085xH1009	W410xD1140xH552	5000W	330Kg/360Kg

-164°C**-120°C ~ -164°C Freezer**

Model	Capacity	Temp. range	External size (mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-164ZW128	128 Liters	-110°C~-164°C	W880xD1590xH1040	W370xD600xH550	3600W	215Kg/250Kg

-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.