Freezers & Refrigerators

mrc

Model: DW-YW110A/166A/196A/226A/358A/508A, Chest Type Freezer
Effective capacity: 110/166/196/226/358/505 Liters.   Temperature range: -10°C ~ -25°C

DW-25YW

Features:
- Chest type.
- Inside temperature from -10°C to -25°C,can be set freely.
- Digital temperature display.
- Round comer design of doors, with lock.
- Outer body is painted steel board, inside is aluminum.
- 40mm foaming insulation.
- China good quality compressor(1 unit).
- 1 unit basket made of steel wire are convenient to store articles.
- Delayed start and safe stop interval between restart and being terminated.
- Quick freezing function, 2-3 hours come to -25°C very fast.
- 4 units Casters for easy handing.
- Refrigerant as R134a, CFC free.
- Certificate: IS09001, IS014001, IS013485.
- Power supply: 220V/150Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz.
- **Optional: Basket.**

Model	Capacity	External size(mm)	Inside size(mm)	Input power	Weight (N.T/G.T)
DW-25YW110A	110 Liters	W549xD549xH845	W410xD410xH654	145W	31Kg/46Kg
DW-25YW166A	166 Liters	W556xD906xH937	W430xD780xH480	160W	46Kg/71Kg
DW-25YW196A	196 Liters	W556xD1056xH937	W430xD930xH480	180W	51Kg/67Kg
DW-25YW226A	226 Liters	W556xD1206xH937	W430xD1080xH480	207W	56Kg/71Kg
DW-25YW358A	358 Liters	W730xD1204xH968	W530xD1080xH625	320W	82Kg/97Kg
DW-25YW508A	508 Liters	W730xD1554xH968	W530xD1400xH685	375W	100Kg/115Kg

DW-40FL

Model: DW-40FL90/135/270, DW-25YL270, Upright Type Freezer
Effective Capacity: 90/135/270 Liter.
Temperature range: -10°C ~ -40°C, -10°C ~ -25°C

Features:
- Vertical cabinet (upright).
- Temperature range: from -10°C to -40°C, -10°C to -25°C. can be set freely.
- Microprocessor temperature controller.
- LCD display, to make clear the temperature information.
- Elegant orange plastic coating.
- ABS interior.
- The safety lock on the door.
- Rotatable sure-grip door handle.
- Perfect audible/visual alarm: High or low temp. alarm, system failure alarm.
- 90 mm extra thick insulation.
- The Danfoss compressor (1unit) and EBM fan motor.
- Password protected configuration page.
- 4 Casters provided for easy handing.
- 4units drawers(plastic) for DW-FL90, 5units drawers for DW-FL135, 7units drawers for DW-FL270.
- Refrigerant as R507, CFC free.
- Power supply: 220V/50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz.
- Certificate: CE mark for DW-FL90/270, ISO9001, ISO14001, ISO13485.
- Optional: chart recorder, Italy Carel controller.

Model	Capacity (Liter)	External size(mm)	Inside size(mm)	Input power	Weight (N.T/G.T)
DW-40FL90	90	W623xD544xH842	W438xD388xH539	280W	44Kg/48Kg
DW-40FL135	135	W623xD544xH1123	W438xD388xH794	280W	54Kg/60Kg
DW-40FL270	270	W623xD544xH1680	W438xD388xH1580	370W	65Kg/70Kg
DW-25YL270	270	W623xD544xH1680	W438xD388xH1580	370W	65Kg/70Kg

Model: DW-40FL531, Upright Type Freezer
Effective Capacity: 531 Liter.   Temperature range: -10°C ~ -40°C

DW-40FL531

Features:
- Upright type.
- Inside temperature ranging from -10°C ~-40°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.
- 110mm foaming insulation Vacuum release port.
- Inner 3 shelves Stainless steel with inner door.
- Imported Danfoss compressor, 2-4hours cooling temperature come to -40°C steady.
- Fan electromotor with internationally famous of Germany EBM.
- Microprocessor-based temperature control system, Digital temperature display.
- Keyboard lock & password protected configuration page.
- Audible and 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 7 days 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 and more, CFC free.
- Certificate: IS09001, IS014001,IS013485.
- Power supply: 220V/150Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz.
- **Optional: Chart recorder, CO2 back-up, storage racks, boxes.**

Model	Capacity	External size (mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-40FL531	531 Liters	W940xD840xH1999	W650xD600xH1345	1000W	235Kg/250Kg

DW-40FL262/362

Model: DW-40FL262/362, Upright Type Freezer
Effective Capacity: 262/362 Liter.
Temperature range: -10°C ~ -40°C

Features:
- Vertical cabinet (upright).
- Temperature range from -10°C.to -40°C. can be set freely.
- Microprocessor-based temperature controller.
- LCD display.
- Elegant orange plastic coating, Outer is steel board, Inside is stainless steel.
- Door with safety lock.
- Rotatable sure-grip door handle.
- Audible/visual alarm for high or low temperature alarm.
- 110 mm extra thick insulation.
- 1 unit Danfoss compressor and EBM fan motor.
- Password protected configuration page.
- 4 Casters provided for easy handing.
- Inside is 4 units shelves (wire steel).
- Refrigerant as R507, CFC free.
- Certificate: ISO9001, ISO14001, ISO13485.
- Power supply: 220V /50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz.
- Optional: chart recorder.

Model	Capacity (Liter)	External size(mm)	Inside size(mm)	Input power	Weight (N.T/G.T)
DW-40FL262	262	W930xD731xH1227	W580xD426xH1036	300W	86Kg/92Kg
DW-40FL362	362	W930xD731xH1627	W658xD426xH1290	400W	102Kg/110Kg

DW-86HL100

-86⁰C

Model:DW-86HL100, Upright Type Freezer
Effective Capacity:100 Liter
Temperature range: -10°C to -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, with printer ● Outer steel board, Stainless steel interior ● Front opening lockable door with full height handle ● 120mm foaming insulation ● Vacuum release port ● Inner 2 shelves Stainless steel with inner door ● Imported Danfoss compressor, One compressors work, 3-4hours come to -86°C ● Fan electromotor with Germany EBM ● Microprocessor-based temp. control system, platinum resistance

sensors ● Digital temperature display ● Keyboard lock & password protected configuration page ● Audible and 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 7 days 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 and more, CFC free ● Certificate: ISO9001, ISO14001,ISO13485 ● Power supply: 220V/50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz
● **Optional: chart recorder, CO² back up, storage racks, boxes.**

Model	Capacity	External size (mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
DW-86HL100	100 Liters	W720xD1000xH793	W450xD450xH500	1000W	225Kg/250Kg

-86⁰C

49Liter Low Cost

DW-86HW50

Model:DW-86HW50, Small chest freezer
Effective Capacity:49 Liter
Temperature Range: -10°C to -86°C

The Ultra-low Temperature Freezer offers a wide variety of research & storage applications, such as low temperature scientific experiments, preservation of plasma, biomaterial, vaccine, biomedical product, and testing low-temperature-resistant properties of products.

It is suitable for research institutes, electronic industries, chemical engineering industries, hospital, sanitation and anti epidemic stations, university laboratories, military industries.

Control System:
● Microprocessor-based temperature controller, -10°C~-86°C can be set freely , controlling precision is 1°C, Digital temperature display
● Audible and visual alarm: High or low temperature alarm, system failure alarm
● Delayed start and safe stop interval between restart and being terminated
● Power supply: Normally 220V /50Hz 1 phase, can be changed as 220V 60HZ or 110V 50/60HZ.

Structure Design:
● Chest type
● Stainless steel interior, outer is painted steel panel
● Top door with key lock
● 90mm extra thick heat insulation
● 4units Casters for easy handing
● Optional: CO2 back up system, Basket.

Refrigeration System:
● Danfoss compressor (1unit) with Germany EBM fan motor
● Quick freezing switch, 3 hours cooling temperature come to -86°C
● Technology of mixture refrigerant, which composed of R134a,R404a,R23,R24,N2,R600a & more, CFC free
● Certificate:CE, ISO9001, ISO14001, ISO13485.

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–HL

Model: DW–86HL218/398/528/678/778/858/1008, Upright Type Freezer
Effective Capacity: 218/398/528/678/778/858/1008L
Temperature range: –40°C ~ –86°C
(limit temp. is –90°C)

Features: Upright type ● Inside temperature ranging from –40°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, CO² back up, storage racks, boxes.

Model	Capacity	Temp. range	External size(mm)	Inside size(mm)	Input power	Weight
DW–86HL218	218 Liters	–40°C ~ –86°C	W940xD840xH1552	W582xD470xH768	1000W	225Kg
DW–86HL398	398 Liters	–40°C ~ –86°C	W785xD1041xH1947	W440xD696xH1266	1000W	300Kg
DW–86HL528	528 Liters	–40°C ~ –86°C	W930xD1041xH1947	W585xD696xH1266	1100W	320Kg
DW–86HL678	678 Liters	–40°C ~ –86°C	W1090xD998xH1968	W750xD696xH1268	1200W	340Kg
DW–86HL778	778 Liters	–40°C ~ –86°C	W1205xD998xH1968	W865xD696xH1268	1200W	350Kg
DW–86HL858	858 Liters	–40°C ~ –86°C	W1218xD997xH1998	W877xD696xH1378	1300W	440Kg
DW–86HL1008	1008 Liters	–40°C ~ –86°C	W1363xD997xH1998	W1022xD696xH1378	1300W	480Kg

DW–86DD

Model: DW–86DD498, Upright Type Freezer, Double control system, door, cooling system
Capacity: 498Liter   Range: –40°C ~ –86°C

Control System: Double microprocessor–based temp. controller, –40°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 5O/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, C02 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	–40°C ~ –86°C	W1200xD882xH2011	UP: 880x500x516+880x70x464 Down: 880x500x516+880x14x440	1800W	320Kg/340Kg

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

-164⁰C

DW-164ZW128/258

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 handing ● 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.**

-10°C ~ -65°C Freezer

-65⁰C

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

-10°C ~ -86°C Freezer

-86⁰C

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

Model	Capacity	Temp. range	External size(mm)	Inside size (mm)	Input power	Weight (N.T/G.T)
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

-10°C ~ -105°C Freezer

-105⁰C

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

-10°C ~ -135°C Freezer

-135⁰C

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

-110°C ~ -152°C Freezer

-152⁰C

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

-120°C ~ -164°C Freezer

-164⁰C

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

Model: HYC–48L/260L/300L , Upright Type
Effective Capacity: 48/260/300Liter
Temperature range: +2°C ~ +10°C
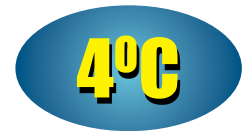
2~10⁰C

Features:

- Upright type.
- Temperature ranging from +2 to +10°C, can be set freely, controlling precision 1C, display accuracy 0.1C.
- Combined with two exact sensors and one sensors to defrost.
- 2-layer glass door, and inert gas inside.
- Room temperature can be ranging from 0°C to 32°C.
- Forced air circulation system with intelligent control.
- Audible and visual alarm: High or low temperature alarm, Door ajar alarm,system failure alarm.
- 4units Caster are mounted under the bottom.
- Interior fluorescent lighting.
- 5units shelves made of quality steel wire.
- Exterior made from high quality structural plate, interior made from ABS material.
- China good quality compressor (1 unit) and fan motor.
- Optional : temperature printer.
- Refrigerant as R134a, CFC free.
- Power supply: 220V/50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz.
- Certificate: ISO9001, ISO14001,ISO13485.

HYC–260L/300L

Model	Capacity	External size (mm)	Internal size (mm)	Input power	Weight (N.T/G.T)
HYC–48L	48 Liters	D450xW450xH550	D320xW380xH410	–	–
HYC–260L	260 Liters	D590xW603xH1556	D445xW525xH1070	215	77Kg/105Kg
HYC–300L	300 Liters	D590xW603xH1728	D445xW530xH1265	215	86Kg/110Kg

Model: RXC–240L/280L,Upright Type
Effective Capacity: 240/280Liters
Temperature range: 4±1°C.

4⁰C

Features:

- Temp. range should have 4±1°C, with temp. printer standard.
- Vertical cabinet (upright).
- Polyurethane insulation should be minimum 80–95 mm.
- Microprocessor–based temperature control system.
- Forced air circulation system.
- Automatic temperature control.
- Large screen LCD display of temperature, display accuracy of 0.1°C.
- Digital display of upper and lower temperature, two sensors. Perfect Audible/visual alarm system: High/low temperature alarm, system failure alarm.
- Exterior made from high quality steel plate.
- 2-ply transparent door with heat preservation.
- Inner doors with 5 units wire shelves.
- Interior fluorescent light.
- The high–effective air–cooled condenser and the fin–type evaporator.
- Refrigerant as R134a, CFC free.
- Power supply: 220V/50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz.
- Certificate: ISO9001, ISO14001, ISO13485.

RXC–240L/280L

Model	Capacity	External size (mm)	Internal size (mm)	Input power	Weight (N.T/G.T)
RXC–240L	240 Liters	D615xW605xH1615	D445xW525xH1070	500	96Kg/105Kg
RXC–280L	280 Liters	D615xW605xH1780	D445xW530xH1265	500	105Kg/110Kg

HYC–950L

HYC–520L

Models: HYC–520L/950L/1400L, Upright Type
Effective Capacity: 520/950/1400 Liters
Temperature: +2 to +10°C
Features:

Upright type ● Temperature ranging from +2 to +10°C, controlling precision 1°C, display accuracy 0.1°C, with temperature printer (Optional in 260L/300L) ● Outer is steel board, inside is stainless steel ● Fixed with two exact sensors and one sensors to defrost ● Door with heater to prevent ice leak ● Audible and visual alarm: High or low temperature alarm, Power failure alarm, Low battery ● Two layer glass door, inert gas inside, alarm, Door ajar alarm, Filter blocking alarm, system failure alarm ● 4 units Caster are mounted under the bottom ● Interior fluorescent lighting ● 8 units shelves made of quality steel wire soaked with plastic ● Refrigerant as R134a, CFC free ● Imported famous brand Danfoss compressor (1unit) and EBM fan ● Power supply: 220V/50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz ● Certificate: IS09001, IS014001,IS01348S.

Model	Capacity	External size (mm)	Internal size (mm)	Input power (W)	Weight (N.T/G.T)
HYC–520L	520 Liters	D730xW710xH2000	D670xW590xH1450	350	150Kg/160Kg
HYC–950L	950 Liters	D780xW1200xH1894	D600xW1100xH1400	700	180Kg/210Kg
HYC–1400L	1400 Liters	D895xW1558xH1985	D700xW1448xH1423	900	400Kg/420Kg

XC Series

Models: XC–88L/268L/358L/588L, Upright Type
Effective Capacity: 88/268/358/588 Liters
Temperature: 4°C

4⁰C

Temperature range 4±1°C ● Vertical cabinet (upright) ● Polyurethane insulation is 80–95 mm ● Microprocessor-based temperature control system, printer is standard ● Forced air circulation system, defrost automatic ● Large screen LCD display of temperature, display accuracy of 0.1°C ● Digital display of upper and lower temperature ● Perfect alarm system: Audible/visual alarm, High or low temperature alarm, No battery alarm, Door ajar alarm, Filter blocking alarm, system failure ● Exterior made from high quality steel plate, Inside is stainless steel ● 3-layer transparent door with lock, door with heater around to prevent ice leak ● Inner is drawer (stainless steel). 3units drawer for XC–88L, 4units for XC–268L, 5units for XC–358L, 6units for XC–588L ● Interior fluorescent light ● China good quality compressor (1 unit) and fan motor ● The high-effective air-cooled condenser and the fin-type evaporator ● Refrigerant as R134a, CFC free ● Power supply: 220V/50Hz 1 phase, can change as 220V/60Hz or 110V/50Hz or 110V/60Hz ● Certificate: CE mark, ISO9001, ISO14001,ISO13485 ● Optional : chart recorder.

Blood Bank

Model	Capacity	External size (mm)	Packing size (mm)	Blood capacity
XC–88L	88 Liters	D450xW500xH1515	D550xW620xH1675	450ml/bag x 40–50/bags
XC–268L	268 Liters	D700xW628xH1662	D512xW518xH973	450ml/bag x 100–140/bags
XC–358L	358 Liters	D700xW628xH1962	D512xW515xH1270	450ml/bag x 160–200/bags
XC–588L	588 Liters	D800xW760xH1977	D550xW560xH1260	450ml/bag x 250–280/bags