



Technical specification

Model: DW-YW110A/166A/196A/226A/358A/508A

Effective capacity: 110/166/196/226/358/505 Liters

Temperature range: -10°C ~ -25°C

Specs:

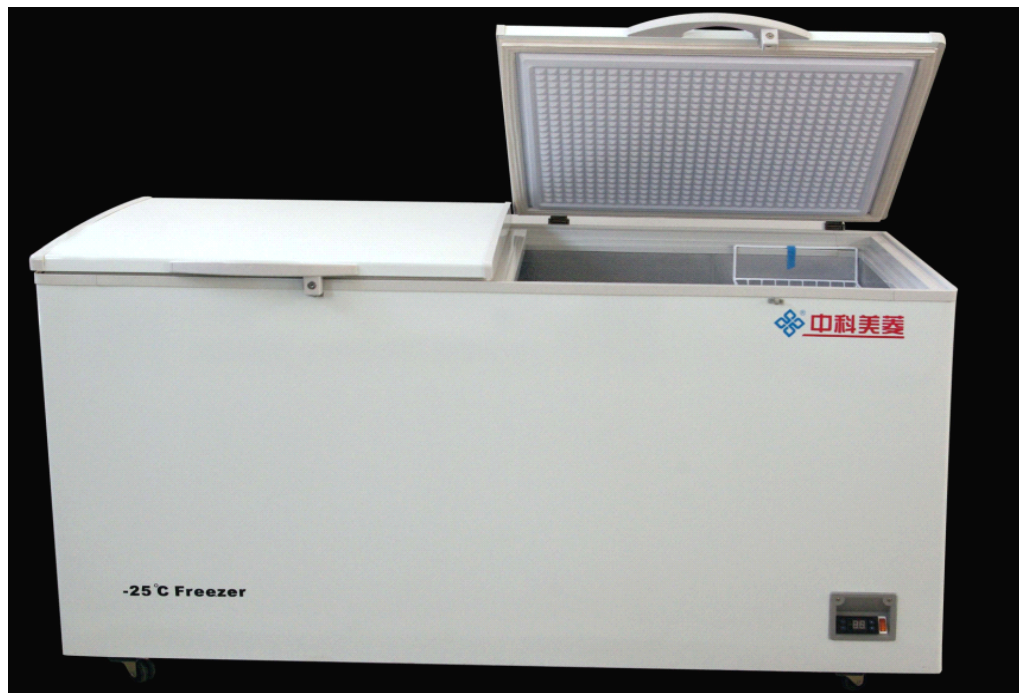
- Chest type
- Inside temperature from -10°C to -25°C, can be set freely
- Digital temperature display
- Round corner design of doors, with lock
- Outer body is painted steel board, inside is aluminum.
- 40mm foaming insulation
- China good quality compressor(1unit)
- 1unit basket made of steel wire 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
- 4units Casters for easy handing
- Refrigerant as R134a, CFC free
- Certificate: ISO9001, ISO14001, ISO13485
- Power supply: 220V /50Hz 1 phase, can change as 220V 60HZ or 110V 50HZ or 110V 60HZ
- Optional : Basket

Specs list:

Model	Capacity	External size (W*D*H) mm	Inside size (W*D*H)mm	Input power	Weight (N.t / G.t)
DW-YW110A	110 Liters	549*549*845	410*410*654	145W	31Kg/46kg
DW-YW166A	166 Liters	556*906*937	430*780*480	160W	46kg/71kg
DW-YW196A	196 Liters	556*1056*937	430*930*480	180W	51kg/67kg
DW-YW226A	226 Liters	556*1206*937	430*1080*480	207W	56kg/71kg
DW-YW358A	358 Liters	730*1204*968	530*1080*625	320W	82kg/97kg

DW-YW508A	508 Liters	730*1554*968	530*1400*685	375W	100kg/115kg
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Inside photo:





Technical specification

Model: DW- YL270
Effective Capacity: 270 Liters
Temperature range: -10°C ~ -25°C

Feature

- Vertical cabinet (upright)
- Temperature range: from -10°C.to -25°C, can be set freely.
- microprocessor temperature controller
- LCD display, to make clear the temperature information
- ABS material interior, Outer body is painted steel board.
- the safety lock on the door
- Rotatable sure-grip door handle
- Perfect audible/visual alarm: High or low temperature 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
- 7units drawers made of plastic inside.
- Refrigerant as R507, CFC free
- Power supply: 220V /50Hz 1 phase, can change as 220V 60HZ or 110V 50HZ or 110V 60HZ
- Certificate: ISO9001, ISO14001, ISO13485
- Optional: chart recorder

Specifications

Model	capacity	External size (W*D*H)mm	Inside size(like (W*D*H)mm	Input power	Weight (Nt/Gt)
DW-YL270	270liters	623*544*1680	438*388*1580	370W	65/70

Inside photo:





Technical specification

Model: DW- YL450
Effective Capacity: 450 Liters
Temperature range: -10°C ~ -25°C

Specs:

- Vertical cabinet (upright), with two chamber rooms.
- Temperature range: from -10°C.to -25°C, can be set freely.
- microprocessor temperature controller LCD display, to make clear the temperature information
- ABS material interior, Outer body is painted steel board.
- the safety lock on the door

- Rotatable sure-grip door handle
- Perfect audible/visual alarm: High or low temperature alarm, system failure alarm
- 60 mm extra thick insulation
- The famous compressor (2unit), can control up and down temperature separately.
- Password protected configuration page
- 4 Casters provided for easy handing
- 12units drawers made of ABS material inside.
- 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

Specifications

Model	capacity	External size (W*D*H)mm	Inside size(like (W*D*H)mm	Input power	Weight (Nt/Gt)
DW-YL450	450liters	655*780*1845	530*626*1356	450W	120/140



Technical specification

Model: DW- FL450
Effective Capacity: 450 Liters
Temperature range: -10°C ~ -40°C

Specs:

- Vertical cabinet (upright), with two chamber rooms.
- Temperature range: from -10°C.to -40C, can be set freely.
- microprocessor temperature controller LCD display, to make clear the temperature information
- ABS material interior, Outer body is painted steel board.
- the safety lock on the door

- Rotatable sure-grip door handle
- Perfect audible/visual alarm: High or low temperature alarm, system failure alarm
- 60 mm extra thick insulation
- The famous compressor (2unit), can control up and down temperature separately.
- Password protected configuration page
- 4 Casters provided for easy handing
- 12units drawers made of ABS material inside.
- 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

Specifications

Model	capacity	External size (W*D*H)mm	Inside size(like (W*D*H)mm	Input power	Weight (Nt/Gt)
DW-FL450	450liters	655*780*1845	530*626*1356	450W	120/140



Technical specification

Model: DW-FL90/135/270
Effective Capacity: 90/135/270 Liters
Temperature range: -10°C ~ -40°C

Feature

- Vertical cabinet (upright)
 - Temperature range: from -10°C.to -40°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 temperature 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

Specifications

Model	capacity	External size (W*D*H)mm	Inside size(like (W*D*H)mm	Input power	Weight (Nt/Gt)
DW-FL90 (CE MARK)	90 Liters	623*544*842	438*388*539	280W	44/48

DW-FL135	135liters	623*544*1123	438*388*794	280W	54/60
DW-FL270 (CE MARK)	270liters	623*544*1680	438*388*1580	370W	65/70

Inside photo:




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Intertek

Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out.

The manufacturer may indicate compliance to said directive(s) by signing a DoC himself and applying the CE-marking to products identical to the tested sample(s). In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standard(s) if relevant. Additional requirements may be applicable such as additional directives or local laws.

Applicant Name & Address	: Zhongke Meiling Cryogenics Limited Company The Zone Of Meiling Economy Development, Longgang, Hefei City, Anhui, P. R. China
Manufacturer Name & Address	: Zhongke Meiling Cryogenics Limited Company The Zone Of Meiling Economy Development, Longgang, Hefei City, Anhui, P. R. China
Product(s) Tested	: Ultra-Low Temperature Freezer
Ratings and principal characteristics	: 220-240V, 50Hz, Class I, Climate N, Blowing Gas: CP, DW-FL270: 2,7A, R507/360g, DW-FL90: 2,6A, R507/100g
Model(s)	: DW-FL270, DW-FL90
Brand name	: 
Relevant Standard(s) / Specification(s) / Directive(s)	: EN 60335-2-24: 2003 + A11: 2004 + A1: 2005 + A2: 2007 EN 60335-1: 2002 + A11, A1: 04 + A12, A2: 06 + A13: 08 EN 62233: 2008



Technical specification:

Model: DW-FL668/758

Effective Capacity: 668/758Liter

Temperature range: -10°C ~ -40°C

Feature:

- 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
- 100mm foaming insulation (with VIP board)
- Vacuum release port
- Inner 3 shelves Stainless steel with inner door
- Imported **USA COPELAND** compressor (one units), model **ZR36K3-PFJ**, 2-4 hours come to -40°C.very

fast.

- Fan electromotor with internationally famous of Germany EBM
- Microprocessor-based temperature control system, platinum resistance sensors
- Digital temperature display
- Keyboard lock and 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 7days data.
- 72 hour battery back up for printer and controller display.
- 4units 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.

Specs list:

Model	Capacity	External size. (WxDxH) mm	Inside size (WxDxH) mm	Input power	Weight (N.t / G.t)
DW-HL668	668 liters	996x1075x1997	815x667x1200	2000W	400/420KG
DW-HL758	758liters	996x1190x1997	930x665x1200	2000W	420/450KG

- Inside photo:



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Technical specification

-40C freezer

Model: DW-FL208

**Effective capacity: 208Liters
(Two rooms)**

**Temperature range: Up room: -10°C ~ -40°C
Down room: -10°C ~ -40°C**

Spec:

- Upright type,
- Microprocessor-based temperature control allows independent control of temperature in the upper room and lower room within -10°C~-40°C
- Audible and visual alarm for high/low temperature
- 100 mm extra thick insulation
- 1 units compressor(Danfoss compressor) and EBM fan motor
- Double sealing design with lock
- Outer is painted steel board, inner is ABS material. Beautiful apperance
- Upper/down room with 3 unit shelves each, total 6units shelves with inner door.
- 4 Casters provided for easy handing.
- Refrigerant as R507 , CFC free
- Power supply: 220V /50Hz 1 phase, can change as 220V 60HZ or 110V 50HZ or 110V 60HZ
- Certificate: ISO9001, ISO14001, ISO13485

Specifications:

Model	capacity	External size (W*D*H)mm	Inside size (W*D*H)mm	Input power	Weight (Nt/Gt)
DW-FL208	208liters	623*604*1775	397*368*700 397*368*700	370W	90/95



Technical specification

Combined refrigerator and freezer

Model: DW-FL253

Effective capacity: 253 Liters

(Refrigerator room 154liters, Freezer room 99liters)

Temperature range: Up room: +2°C to +8°C

Down room: -10°C ~ -40°C

Spec:

- Upright type
- Microprocessor-based temperature control allows independent control of temperature in the upper room within 2°C-8°C, in the lower room within -10°C~-40°C
- Audible and visual alarm for high/low temperature
- 90 mm extra thick insulation
- 2units compressor(Danfoss and China good quality compressor) and EBM fan motor
- Double sealing design with lock
- Outer is painted steel board, inner is ABS material.
- Upper room with 3 unit shelves, lower room have 3 drawers
- 4 Casters provided for easy handling
- Refrigerant as R507 and R134a, CFC free
- Power supply: 220V /50Hz 1 phase, can change as 220V 60HZ or 110V 50HZ or 110V 60HZ
- Certificate: ISO9001, ISO14001, ISO13485

Specifications:

Model	capacity	External size (W*D*H)mm	Inside size (W*D*H)mm	Input power	Weight (Nt/Gt)
DW-FL253	Refrigerating room 154liters	623*604*1775	397*368*781	400W	72/75
	Freezing room 99liters		397*368*414		



Technical specification

Model: DW-FL262/362

Effective Capacity: 262/362 Liter

Temperature range: -10°C ~ -40°C

Feature

- 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 handling
- 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.

Technical parameters

Model	Capacity	External size. (WxDxH) mm	Inside size (WxDxH) mm	Input power	Weight (N.t / G.t)
DW-FL262	262 L	930*731*1227	580*426*1036	300	86/92 Kg
DW-FL362	362 L	930*731*1627	658*426*1290	400	102/110 Kg

Photo with chart recorder:



Technical specification

Model: DW-FL531
Effective Capacity: 531Liter
Temperature range: -10°C ~ -40°C



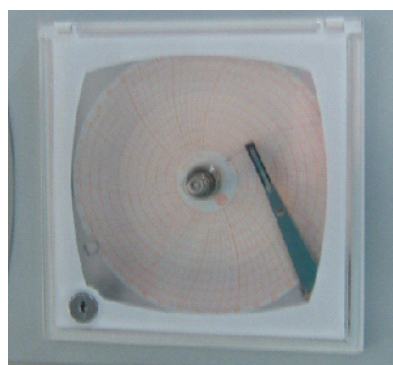
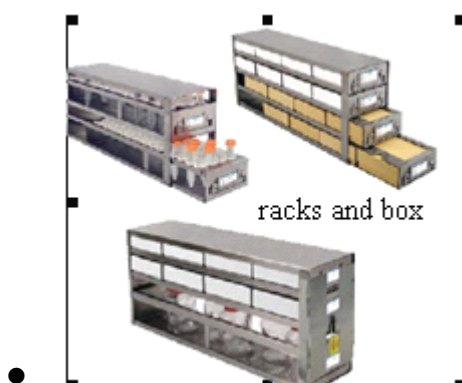
Specs:

- 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 and 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 7days data.
- 72 hour battery back up for printer and controller display.
- 4units Casters for easy handing
- Mixture gas with R134a,R404a,R23,R24,N2,R600a and more, CFC free
- Certificate:CE, ISO9001, ISO14001,ISO13485
- Power supply: 220V /50Hz 1 phase, can change as 220V 60HZ or 110V 50/60HZ
- Optional: chart recorder, CO2 back up, storage racks, boxes.

Specs list:

Model	Capacity	External size. (WxDxH) mm	Inside size (WxDxH) mm	Input power	Weight (N.t / G.t)
DW-FL531 (CE Mark)	531 Liters	940x840x1999	650x600x1345	1000W	235/250Kg

Spare part photos:



CO2 back up system

