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库特制冷设备(山东)有限公司

Kutecold Refrigeration Equipment (Shandong)Co., Ltd.

正面

冷库, 冷库门, 冷库板, 风幕机, 后补式冷库, 制冷机组

Cold room, Cold room panel, Refrigeration unit

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背面

**KUTECOLD REFRIGERATION
EQUIPMENT (SHANDONG)CO.,LTD**



**KUTECOLD
REFRIGERATION**

ABOUT KUTECOLD

Kutecold Refrigeration Equipment (Shandong) Co., Ltd. has been a leading manufacturer in the refrigeration industry since 2013. We specialize in **cold rooms, cold room panels, condensing units, evaporators, and refrigeration showcases**.

With a strong team dedicated to **research & development, manufacturing, design, and after-sales service**,we continuously deliver high-quality products and set new trends in the refrigeration field. Our solutions are widely used in **supermarkets, as well as fish, meat, fruit, and vegetable storage sectors**.

Thanks to our years of experience and advanced production technology, KUTECOLD products have gained wide recognition from customers in Europe, America, Australia, the Middle East, Africa, and many other regions. We have built long-term partnerships based on trust and cooperation.

When it comes to reliable refrigeration solutions, KUTECOLD is your trusted partner, providing innovative products to meet the diverse needs of our global customers.



Cold Room

Cold room refers to a facility that uses various equipment for refrigeration and can be manually controlled and maintained at a stable low temperature. Refrigeration systems,control devices,thermal insulation system,ancillary buildings,etc.are the basic components of cold storage.Cold storage is used for freezing processing and refrigeration of food,medicine,and machinery.

Feature

- Energy saving
- Easy to install
- Good insulation
- Long service life
- Highly customized
- Environmentally friendly



Cold Room Type

- According to the temperature,cold room can be divided into:
- High-temperature
- Medium-temperature
- Low-temperature
- Ultra-low temperature

One-stop Service



Display Walk in Cooler & Walk in Freezer

Display Walk-Ins Projects have glass door display and storage areas. This means that you can store your goods without bothering customers to buy products. Display walk in cooler, freezer, beer cave or combined type. Choose according to your requirements. KUTECOLD's highly customized design will make Display walk ins full of possibilities and tailored to your needs.

Display

- Glass door with heater and fogging function
- Shelves with different loadbearing capacities.
- 6000K LED light color temperature

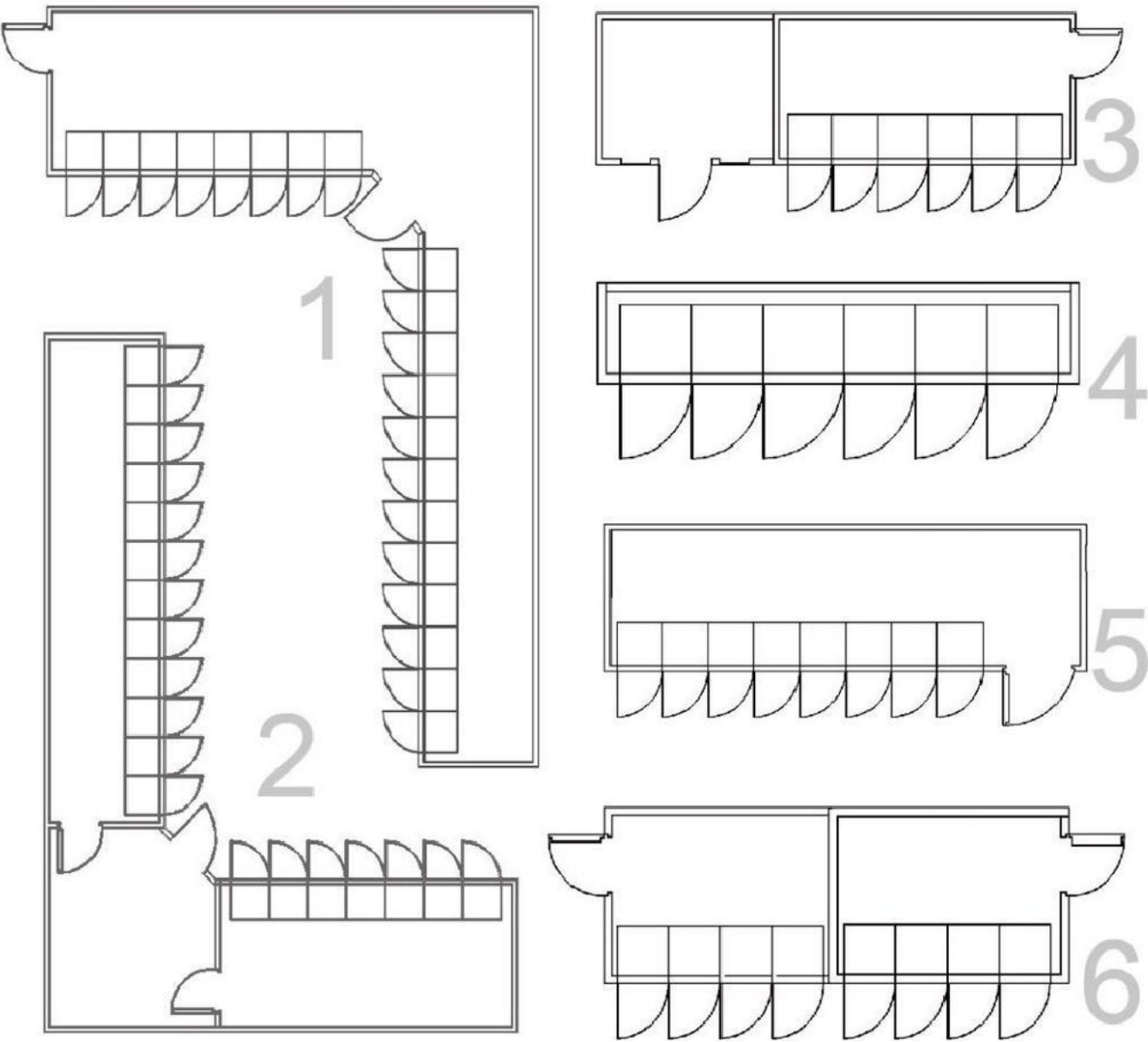


Storage

- The storage area can be designed according to your site
- "L" shaped, "U" shaped, and angled Walkins.
- All sizes can be designed for you.
- Famous brand refrigeration system



Different Type

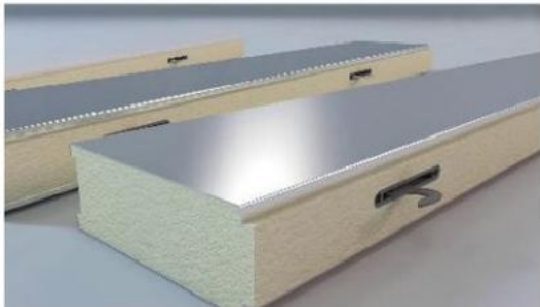


ALL
CUSTOMIZED
FOR YOU!

- 1.L shaped display walk in cooler
- 2.L shaped display walk in cooler with beer cave
- 3.I shaped display walk in cooler with beer cave
- 4.Display cooler/freezer
- 5.Front serviced door display walk in cooler
- 6.Display walk in cooler freezer combo

PU Panel

PU panel adopts rigid polyurethane(PU)high pressure foaming,the inner and outer layer is metal surface,can choose galvanized steel plate, embossed aluminum plate,stainless steel plate and other materials.PU panel uses advanced eccentric rotary lock combination,good sealing,easy installation



Thickness of PU Panel	Temperature Range	R Value (m2. k/w)	Length (mm)	Width (mm)	Density (kg/m^3)	Coating Material
50mm	25℃~+5℃	2. 3	1000~11890	Standard:960 Or customized	40±2	PPGI/Color Steel Stainless Steel Embossed Aluminum Anti Slip Aluminum Salinization Steel
75mm	+10℃~0℃	3. 43				
100mm	0℃~-15℃	4. 55				
120mm	-10℃~-20℃	5. 5				
150mm	-15℃~-30℃	6. 82				
200mm	-25℃~-45℃	9. 12				

PIR Panel

PIR(Polyisocyanurate Foam)is a foaming material made by reacting anisocyanate with polyether after catalyst action,and its physical and fire resistance are better than ordinary polyurethane.It is an ideal organic low-temperature insulation material with small thermal conductivity,lightweight,and shock resistance.PIR sandwich panels are widely used in thermal insulation in the construction industry.



Thickness of PIR Panel	Temperature Range	R Value (m2. k/w)	Length (mm)	Width (mm)	Density (kg/m^3)	Coating Material
50mm	25℃~+5℃	2. 3	1000~11890	920~1120	40±2	PPGI/Color Steel Stainless Steel Salinization Steel
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120mm	-10℃~-20℃	5. 5				
150mm	-15℃~-30℃	6. 82				
200mm	-25℃~-45℃	9. 12				

Cold Room Door Series

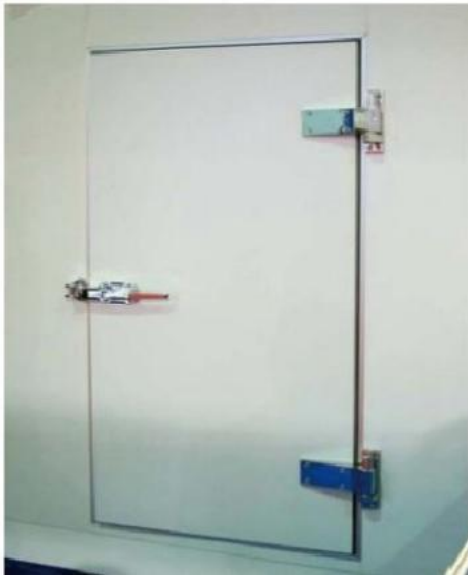
Standard Hinged Door
Dimension:0.8*1.8m(To be adjusted as per specific requirement)

Heat Insulation Material
*Polyurethane (Thickness:100mm,150mm,200mm)
Surface Material
*Painted Galvanized Steel Or Stainless steel



Automatically Return Door
Dimension:0.8*1.8m(To be adjusted as per specific requirement)

Heat Insulation Material
*Polyurethane (Thickness:100mm,150mm,200mm)
Surface Material
*Painted Galvanized Steel Or Stainless steel



Sliding Door
Dimension:1.5*2m (To be adjusted as per specific requirement)

Heat Insulation Material
*Polyurethane (Thickness:100mm,150mm,200mm)
Surface Material
*Painted Galvanized Steel Or Stainless steel



door hinge



door lock and hinge



door lock and hinge



door hinge

Sectional Rolling-Up Door

Light opening and closing,low noise,high strength and complete sealing mechanism.
With 40mm,50mm,75mm thickness polyurethane foam panel Operation convenience:electric or manual operation,Safety in use:Door body anti-jam device,airbag or infrared sensing function
Sealing:Alldoors are equipped with bottom and top sealing strips plus side sealing strips between the track and the door panel



High Speed Insulation Rolling Door

Opening speed 0.6-2.0m/s and closing speed 0.6-1.0m/s
Suitable for places of strict environment requirements,such as:food,medicine,electronics,rubber, textile industry and so on.
Transparent PVC film,plus aluminum alloy wind pressure bars. The door frame is made of aluminum alloy,stainless steel or high quality sprayed galvanized steel plate.

Insulation Glass Door

Electric heating for cooler and freezer
Double glazing for cooler and triple glazing for freezer.Ensures thermal insulation and durability
Low-E coating better insulation Aluminum frame
Self-closing hinge
Free combination(1-5 doors frame)
6000K color temp.T8 LED light



Unit Cooler

D series evaporator is a kind of cooling equipment widely applied various of refrigeration storage,such as fresh keeping,frozen keeping or fast freezing etc.There are four types available,DL,DD,DJ.
DL series for 0°C,DD series for-18°C,DJ series for -25°C.

DL Series

Model	Nominal Capacity (W/Kcal)	Cooling area	Fin Space	Fan						Electric defrost		Weight (KG)
				Qty	Dia (mm)	Air Flow (m³ /h)	Input Power (W)	Voltage (V)	Range (M)	Coil (kw)	Drip Pan (kw)	
DL-2. 1/10	2100 (1800)	10	4. 5	1	φ 330	1700	90	380	8	0. 5	0. 5	20
DL-3. 1/15	3100 (2650)	15	4. 5	2	φ 330	2×1700	2×90	380	8	0. 7	0. 7	35
DL-4. 2/20	4200 (3600)	20	4. 5	2	φ 330	2×1700	2×90	380	8	0. 8	0. 8	40
DL-5. 2/25	5200 (4450)	25	4. 5	2	φ 350	2×2200	2×120	380	8	0. 8	0. 8	48
DL-8. 2/40	8200 (7052)	40	4. 5	2	φ 400	2×3000	2×250	380	10	2. 0	1. 0	70
DL-11. 5/55	11500 (9900)	55	4. 5	2	φ 400	2×3000	2×250	380	10	2. 0	1. 0	78
DL-16. 7/80	16700 (14350)	80	4. 5	2	φ 500	2×6000	2×550	380	13	2. 4	1. 2	100
DL-22. 0/105	22000 (18900)	105	4. 5	2	φ 500	2×6000	2×550	380	13	2. 4	1. 2	115
DL-27. 3/130	27300 (23500)	130	4. 5	3	φ 500	3×6000	3×550	380	13	3. 2	1. 6	150
DL-33. 6/160	33600 (28900)	160	4. 5	3	φ 500	3×6000	3×550	380	13	4. 0	2. 0	170
DL-38. 7/185	38700 (33300)	185	4. 5	4	φ 500	4×6000	4×550	380	13	4. 4	2. 2	200
DL-44. 0/210	44000 (37850)	210	4. 5	4	φ 500	4×6000	4×550	380	13	5. 0	2. 5	240
DL-52. 9/260	52900 (45500)	260	4. 5	2	φ 600	2×10000	2×1500	380	18	8. 5	1. 7	350
DL-67. 2/330	67200 (57800)	330	4. 5	3	φ 600	3×10000	3×1500	380	18	10. 0	2. 0	400
DL-83. 4/410	83400 (71700)	410	4. 5	3	φ 600	3×10000	3×1500	380	18	12. 0	2. 4	420

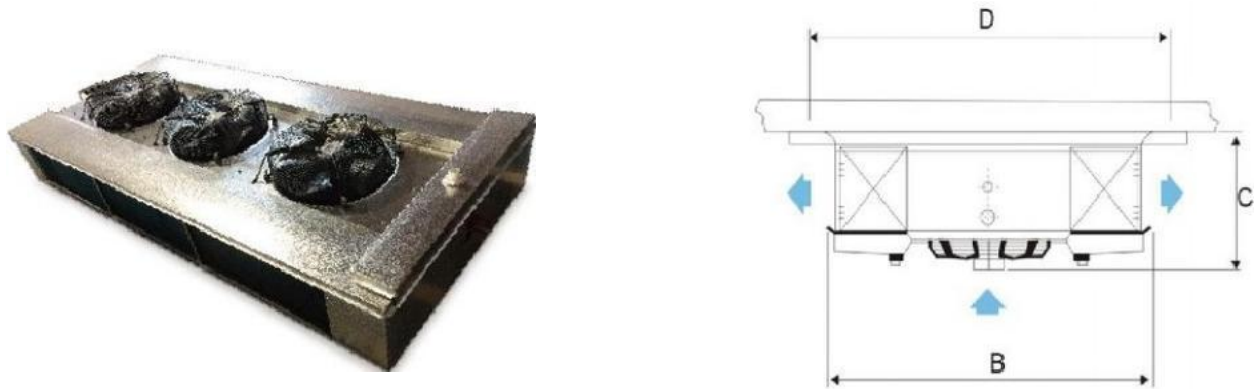
DD Series

Model	Nominal Capacity (W/Kcal)	Cooling area	Fin Space	Fan						Electric defrost		Weight (KG)
				Qty	Dia (mm)	Air Flow (m³ /h)	Input Power (W)	Voltage (V)	Range (M)	Coil (kw)	Drip Pan (kw)	
DD-1. 4/7	1400 (1200)	7	6	1	φ 330	1700	90	380	8	0. 5	0. 5	20
DD-2. 35/12	2350 (2000)	12	6	2	φ 330	2×1700	2×90	380	8	0. 7	0. 7	35
DD-3. 0/15	3000 (2600)	15	6	2	φ 330	2×1700	2×90	380	8	0. 8	0. 8	40
DD-4. 0/22	4000 (3450)	22	6	2	φ 350	2×2200	2×120	380	8	1. 6	0. 8	48
DD-6. 0/30	6000 (5150)	30	6	2	φ 400	2×3000	2×250	380	10	2. 0	1. 0	70
DD-8. 0/40	8000 (6900)	40	6	2	φ 400	2×3000	2×250	380	10	2. 0	1. 0	78
DD-12. 0/60	12000 (10300)	60	6	2	φ 500	2×6000	2×550	380	13	6. 0	1. 2	100
DD-15. 9/80	15900 (13700)	80	6	2	φ 500	2×6000	2×550	380	13	6. 0	1. 2	115
DD-20. 0/100	20000 (17200)	100	6	3	φ 500	3×6000	3×550	380	13	8. 0	1. 6	150
DD-24. 0/120	24000 (20650)	120	6	3	φ 500	3×6000	3×550	380	13	10. 0	2. 0	170
DD-28. 0/140	28000 (24100)	140	6	4	φ 500	4×6000	4×550	380	13	11. 0	2. 2	200
DD-32. 1/160	32100 (27600)	160	6	4	φ 500	4×6000	4×550	380	13	12. 5	2. 5	240
DD-37. 4/200	37400 (32200)	200	6	2	φ 600	2×10000	2×1500	380	18	13. 6	1. 7	350
DD-46. 8/250	46800 (40300)	250	6	3	φ 600	3×10000	3×1500	380	18	16. 0	2. 0	400
DD-56. 2/310	56200 (48300)	310	6	3	φ 600	3×10000	3×1500	380	18	19. 2	2. 4	420

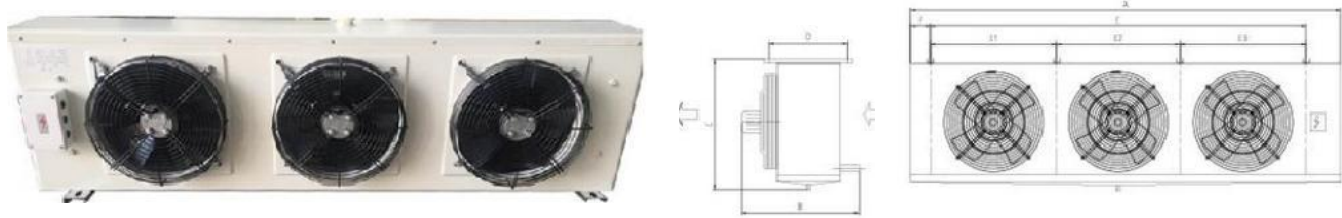
DJ Series

Model	Nominal Capacity (W/Kcal)	Cooling area	Fin Space	Fan						Electric defrost		Weight (KG)
				Qty	Dia (mm)	Air Flow (m³/h)	Input Power (W)	Voltage (V)	Range (M)	Coil (kw)	Drip Pan (kw)	
DJ-1. 32/8	1320 (1150)	8	9	2	Φ 330	2×1700	2×90	380	8	0. 7	0. 7	35
DJ-1. 8/10	1800 (1550)	10	9	2	Φ 330	2×1700	2×90	380	8	0. 8	0. 8	40
DJ-2. 3/15	2300 (2000)	15	9	2	Φ 350	2×2200	2×120	380	8	1. 6	0. 8	48
DJ-4. 0/20	4000 (3450)	20	9	2	Φ 400	2×3000	2×250	380	10	2. 0	1. 0	70
DJ-5. 1/30	5100 (4400)	30	9	2	Φ 400	2×3000	2×250	380	10	2. 0	1. 0	78
DJ-7. 8/40	7800 (6700)	40	9	2	Φ 500	2×6000	2×550	380	13	6. 0	1. 2	100
DJ-9. 8/55	9800 (8400)	55	9	2	Φ 500	2×6000	2×550	380	13	6. 0	1. 2	115
DJ-12. 8/70	12800 (11000)	70	9	3	Φ 500	3×6000	3×550	380	13	8. 0	1. 6	150
DJ-15. 7/85	15700 (13500)	85	9	3	Φ 500	3×6000	3×550	380	13	10. 0	2. 0	170
DJ-18. 8/100	18800 (16160)	100	9	4	Φ 500	4×6000	4×550	380	13	11. 0	2. 2	200
DJ-21. 6/115	21600 (18600)	115	9	4	Φ 500	4×6000	4×550	380	13	12. 5	2. 5	240
DJ-23. 9/140	23900 (20600)	140	9	2	Φ 600	2×10000	2×1500	380	18	13. 6	1. 7	350
DJ-29. 0/170	29000 (24900)	170	9	3	Φ 600	3×10000	3×1500	380	18	16. 0	2. 0	400
DJ-35. 9/210	35900 (30900)	210	9	3	Φ 600	3×10000	3×1500	380	18	19. 2	2. 4	420

SD series evaporator is special designed for process workshop or frozen food with low air fow. There are two types available, **SDL**,**SDD**.
SDL series is suitable for process workshop around 5C. SDD series is suitable for frozen food storage around -18C.

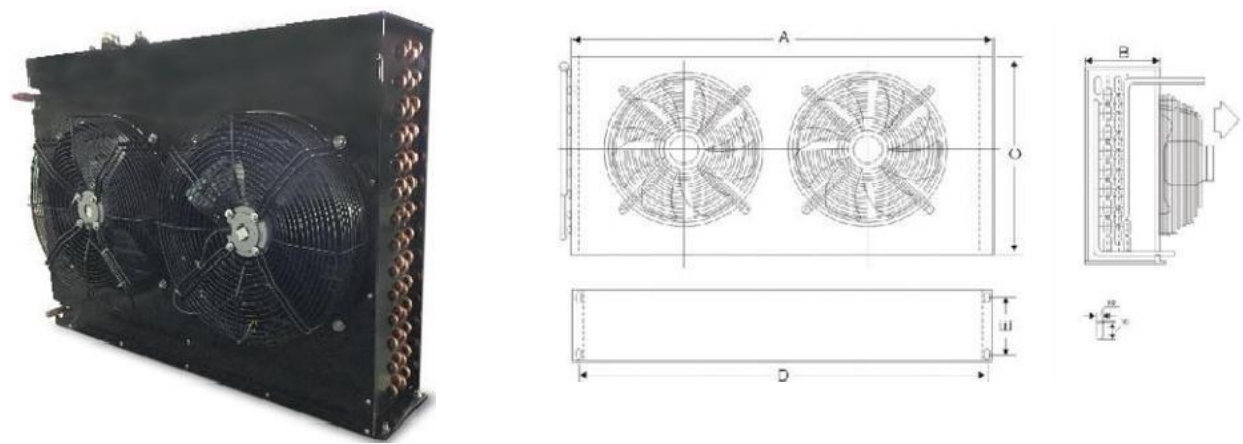


Model	Nominal Capacity (W)	Cooling area	Fin Space	Fan Data				Electric defrost		Connection		Weight (KG)
				Power (W)	Dia (mm)	Air Flow (m³/h)	Range (M)	Coil (kw)	Drip Pan (kw)	Inlet (mm)	Outlet (mm)	
SDL-8. 2/40	8200	40	4. 5	2×200	Φ 400	2×3490	5	2. 0	1. 0	16	25	80
SDL-11. 5/55	11500	55	4. 5	2×200	Φ 400	2×3490	5	2. 0	1. 0	16	25	85
SDL-16. 7/80	16700	80	4. 5	2×250	Φ 450	2×4900	7	2. 4	1. 2	19	30	110
SDL-22. 0/105	22000	105	4. 5	2×250	Φ 450	2×4900	7	2. 4	1. 2	19	30	125
SDL-25. 8/130	25800	130	4. 5	3×250	Φ 450	3×4900	7	3. 2	1. 6	19	38	165
SDL-33. 6/160	33600	160	4. 5	3×250	Φ 450	3×4900	7	4. 0	2. 0	19	38	185
SDL-38. 7/185	38700	185	4. 5	4×250	Φ 450	4×4900	7	4. 4	2. 2	25	45	220
SDL-44. 0/210	44000	210	4. 5	4×250	Φ 450	4×4900	7	5. 0	2. 5	25	45	260



Model	A	B	C	D	E	E1	E2	E3	F	Liquid Dia (mm)	Gas Dia (mm)
DL-2. 1/10 DD-1. 4/7	750	480	500	300	550	1	/	1	85	12	16
DL-3. 1/15 DD-2. 35/12 DJ-1. 32/8	1030	480	500	300	830	/	1	I	85	12	16
DL-4. 2/20 DD-3. 0/15	1180	480	500	300	980	/	/	1	85	12	19
DL-5. 2/25 DD-4. 0/22 DJ-2. 3/15	1380	480	600	300	1130	1	1	1	85	12	19
DL-8. 2/40 DD-6. 0/30 DJ-4. 0/20	1520	580	600	370	1230	/	1	1	105	16	25
DL-115/55 DD-8. 0/40 DJ-5. 1/30	1520	580	600	370	1230	1	/	/	105	16	25
DL-16. 7/80 DD-12. 0/60 DJ-7. 8/40 DCJ-5. 6/35	1820	650	700	420	1530	765	1	1	105	19	30
DL-21. 9/105 DD-15. 9/80 DJ-9. 8/55 DCJ-8. 0/50	1820	650	700	420	1530	760	/	/	105	19	30
DL-27. 3/130 DD-20. 0/100 DJ-12. 8/70 DCJ-9. 6/60	2300	650	700	420	2010	675	660	1	105	19	38
DL-33. 6/160 DD-24. 0/120 DJ-15. 7/85 DCJ-12. 0/75	2720	650	700	420	2430	815	800	/	105	19	38
DL-38. 7/185 DD-28. 2/140 DJ-18. 8/100 DCJ-16. 0/90	3120	650	700	420	2830	715	700	700	105	25	45
DL-44. 0/210 DD-32. 1/160 DJ-21. 6/115 DCJ-16. 0/100	3520	650	700	420	3230	815	800	800	105	25	45
DL-52. 3/260 DD-37. 4/200 DJ-23. 9/140 DCJ-19. 2/120	2220	1000	900	630	1930	965	1	1	105	25	50
DL-57. 2/330 DD-46. 3/250 DJ-29. 0/140 DCJ-24. 0/150	2720	1000	900	1000630	2430	815	800	/	105	25	50
DL-83. 4/410 DD-55. 2/310 DJ-35. 9/210 DCJ-28. 8/180	3200	1000	900	630	2910	975	960	1	105	25	50

FNH Series Condenser



Model	Fin Space (m²)	Column	Fan Data					Inlet (mm)	Outlet (mm)	Weight (Kg)
			Qty	Power (w)	Air flow(m³)	Dia. (mm)	Voltage (V)			
FNH-0.6/2	2	2X4.5	1	16	500	200	220	10	10	4
FNH-0.9/3	3	3X4.5	1	16	500	200	220	10	10	4.3
FNH-1.2/4	4	3X5.5	1	40	800	250	220	10	10	6
FNH-1.8/6	6	3X7	1	60	1250	300	220	10	10	8
FNH2.55/8.5	8	4X7	1	60	1250	300	220	10	10	10.2
FNH-3.6/12	12	4X8	1	150	2350	350	220/380	16	12	13.8
FNH-4.5/15	15	4X9	1	150	2350	350	220/380	16	12	16.5
FNH-5.4/18	18	4X10	1	200	3490	400	220/380	16	12	22
FNH-6.6/22A	22	5X10	1	200	3490	400	220/380	19	16	24
FNH-6.6/22B	22	4X8	2	2X150	2X2350	350	380	19	16	26
FNH-8.4/28	28	4X8	2	2X150	2X2350	350	380	19	16	29
FNH-9.9/33	33	4X9	2	2X200	2X3490	400	380	19	16	36
FNH-12.3/41	41	4X12	2	2X200	2X3490	400	380	19	16	40
FNH-14.7/49	49	4X14	2	2X200	2X3490	400	380	19	16	50
FNH-16.5/55	55	4X14	2	2X200	2X3490	400	380	19	16	54
FNH-18.0/60	60	4X14	2	2X200	2X3490	400	380	22	19	58
FNH-21.0/70	70	4X18	4	4X150	4X2350	350	380	22	19	72
FNH-24.0/80	80	4X20	4	4X150	4X2350	350	380	25	19	81
FNH-30.0/100	100	4X24	4	4X200	4X3490	400	380	30	22	90
FNH-36.0/120	120	4X24	4	4X200	4X3490	400	380	30	22	105
FNH-42.0/140	140	5X24	4	4X250	4X4900	450	380	30	22	128
FNH-45.0/150	150	5X24	4	4X250	4X4900	450	380	30	22	135
FNH-54.0/180	180	6X24	4	4X380	4X6660	500	380	30	22	170

Plate Evaporative Condenser



Plate evaporative condenser consists of fans, plates,padding,water circuit system and casing.
The unique plate structure is designed and developed based on the principle of enhanced heat transfer.A higher heat transfer coefficient,smaller volume and longer service life give HCZFL competitive edge.

Model	Nominal heat rejection KW	Propeller fan			Water circulating pump		NH ₃ Charge KG	Weight KG	Operating weight KG
		Unit	Blowing rate (m³ /h)	Power (kw)	Flow Rate (m³ /h)	Power (kw)			
HCZFL-300	300	1	1*32000	3.0	70	1.5	20	1800	3100
CZFL-350	350	1	1*32000	3.0	70	1.5	23	1950	3400
HCZFL-400	400	1	1*52800	4.0	70	1.5	26	2100	3700
HCZFL-450	450	1	1*52800	4.0	70	1.5	28	2250	4000
HCZFL-500	500	1	1*60000	5.5	70	1.5	31	2400	4300
HCZFL-550	550	1	1*60000	5.5	100	2.2	34	2550	4600
HCZFL-600	600	1	1*60000	5.5	100	2.2	37	2700	4900

FNV Series Condenser



Model	Nominal Capacity (kw)	Fin Surface (m²)	Fan Data			Connection		Shape Size (mm)			nstallation Size (mm)	
			Power	Air Flow	Dia (mm)	Inlet (mm)	Outlet (mm)	A Length	B Width	C Height	D Length	E Width
FNV-110	36.3	110	2X380	13000	500	30	19	1350	850	950	1140	650
FNV-130	42.9	130	2X380	13000	500	30	19	1550	850	950	1340	650
FNV-165	54.5	165	2X600	17000	550	30	22	1900	850	950	1690	650
FNV-200	66	200	2X780	25000	600	30	22	1900	1050	1150	1690	860
FNV-220	72.6	220	2X780	25000	600	30	22	2050	1050	1150	1840	860
FNV-270	89.1	270	2X800	28000	630	38	25	1900	1050	1150	1690	860
FNV-300	99.9	300	2X780	37500	600	38	25	2650	1050	1150	2440	860
FNV-350	115.5	350	2X800	42000	630	45	30	2350	1050	1150	2140	860
FNV-400	132	400	2X800	42000	630	45	30	2650	1050	1150	2440	860
FNV-460	151.8	460	2X780	50000	600	45	30	3070	1050	1150	2840	860

Monoblock Unit



Monoblock unit,that integrates evaporator,condenser, compressor,control box etc units into one compact body,can be widely used for cold storage rooms of tem perature of -5~5℃ or-15~-20℃.In hotels,restaurants,medicines, agricultural,chemicals industries all other place where cold storage is needed.

Specification

Model	HC33MY	HC50MY	HC63MY	HC100MY	HC125MY	HC175MY	HC200MY	HC275MY	HC350MY
Capacity	530	810	1050	1560	2230	2950	3250	4400	5200
Input (kw)	0. 68	0. 85	1. 1	1. 3	1. 75	2. 52	2. 61	3. 33	4. 2
Power	220V/50HZ/1Phase							380V/50HZ/3Phase	
Temp	0~5℃								
Cond fan	1*75	1*75	1*75	1*80	1*80	1*55	1*55	2*80	2*80
Evap fan	1*75	1*75	1*75	1*80	1*80	1*55	1*55	2*80	2*80
Defrost type	Electric heating								
Refrigerant	R404a								
Weight	57	60	62	87	90	117	120	150	155

Model	HC50LY	HC63LY	HC100LY	HC150LY	HC200LY	HC300LY	HC400LY
Capacity	550	660	750	1050	1580	2060	3100
Input (kw)	0. 63	0. 71	1. 04	1. 35	2. 01	2. 63	3. 26
Power	220V/50HZ/1Phase				380V/50HZ/3Phase		
Temp					-15~-20℃		
Cond fan	1*75	1*75	1*80	1*80	1*55	1*55	2*80
Evap fan	1*75	1*75	1*80	1*80	1*55	1*55	2*80
Defrost type	Electric heating						
Refrigerant	R404a						
Weight	60	62	88	92	123	128	160

Split Open Type Condensing Unit

- 1.With Bitzer Semi-hermetic compressors, reliable operation.
- 2.With high efficient and long life copper pipe-aluminum fin type heat exchange.
- 3.Air-cooled condensing units with low noise and high efficient external rotor fan motor
- 4.With famous brand refrigeration components.Ensure equipment running safely and reliably.
- 5.Complete product with wide temp.Range



Main Components

- Compressor·Condenser·Condenser fans ·Liquid receiver·Solenoid valve ·Filter
- HP/LP controller·HP/LP gauge·Sight Glass·water proof cable connection box

Model	Compressor	Voltage (V)	Capacity		Condenser			Connection		Dimension		
			Cap (W)	Input (W)	Fan NO.	Fan voltage (V)	Fan Power (W)	Gas dia (mm)	Liquid dia (mm)	L (mm)	W (mm)	H (mm)
HCOM02Y	2HES-2Y	380	3380	1730	1	380	180X1	Φ 16	Φ 10	620	650	560
HCOM03Y	2FES-3Y	380	4760	2530	1	380	180X1	Φ 16	Φ 10	620	650	560
HCOMD4Y	2CES-4Y	380	9180	4270	2	380	180X2	Φ 22	Φ 12	960	680	720
HCOM05Y	4FES-5Y	380	9940	4580	2	380	180X1	Φ 22	Φ 12	1300	750	670
HCOM06Y	4EES-6Y	380	12510	5810	2	380	180X2	Φ 28	Φ 12	1300	750	770
HCOMD7Y	4DES-7Y	380	15220	6960	2	380	250X2	Φ 28	Φ 16	1300	750	870
HCOM09Y	4CES-9Y	380	18520	8550	2	380	250X2	Φ 28	Φ 16	1280	750	910
HCOM10Y	4VES-10Y	380	19100	8380	2	380	250X2	Φ 28	Φ 16	1280	750	910
HCOM12Y	4TES-12Y	380	23300	10350	4	380	180X4	Φ 35	Φ 16	1280	750	1240
HCOM15Y	4PES-15Y	380	26300	11670	4	380	180X4	Φ 35	Φ 22	1280	750	1460
HCOM25Y	4HE-25Y	380	41900	18410	2	380	800X2	Φ 54	Φ 22	1150	570	860

Data based on the condensing temperature 40℃,evaporator temperature-5℃ .

Model	Compressor	Voltage	Capacity		Condenser			Connection		Dimension		
			Cap (W)	Input (W)	Fan NO.	Fan voltage (V)	Fan Power (W)	Gas dia (mm)	Liquid dia (mm)	L (mm)	W (mm)	H (mm)
HCOL02Y	2FES-2Y	380	1910	1680	1	380	140X1	Φ 16	Φ 10	620	650	560
HCOL03Y	4FES-3Y	380	3730	2620	2	380	180X2	Φ 22	Φ 12	960	680	510
HCOL04Y	4EES-4Y	380	6520	3730	2	380	180X2	Φ 22	Φ 12	1060	680	620
HCOL05Y	5DES-5Y	380	7790	4420	2	380	180X2	Φ 28	Φ 12	1060	680	720
HCOL06Y	6CES-6Y	380	9310	5220	2	380	180X2	Φ 28	Φ 12	1300	750	670
HCOL09Y	4TES-9Y	380	11500	6200	2	380	250X2	Φ 35	Φ 16	1280	750	910
HCOL12Y	4PES-12Y	380	12800	6810	2	380	250X2	Φ 35	Φ 16	1280	750	910
HCOL14Y	4NES-14Y	380	15640	8450	4	380	180X4	Φ 35	Φ 22	1280	750	1210
HCOL18Y	4HE-18Y	380	22000	11720	4	380	180X4	Φ 42	Φ 22	1280	800	1460
HCOL23Y	4GE-23Y	380	25900	13880	4	380	180X4	Φ 54	Φ 22	1350	850	1410

Data based on the condensing temperature 40℃,evaporator temperature -25℃ .

Split Box Type Condensing Unit

This unit is suitable for a variety of medium or high temperature cold room.Can be used in hotels,restaurants,medicines,agricultural,chemicals etc where cold room is needed.



- 1.Copeland scroll compressor.2.World famous brand refrigeration parts.
- 3.Copper tube&Aluminum fin type heat exchanger.4.Built-in terminal box.
- 5.Shut-off valve for inlet and outlet pipes.

Main Components

·Compressor·Condenser·Condenser fans ·Liquid receiver·Solenoid valve ·Filter
HP/LP controller·HP/LP gauge·Sight glass·Water proof cable connection box.

Model	Compressor	Voltage	Capacity		Condenser			Connection		Dimension		
			Cap (W)	Input (W)	Fan NO	Fan Volt (V)	Fan Power (W)	Gas Dia (mm)	Liquid Dia (mm)	L	W	H
HCSM02E	ZB15KQE	380v 150hz /3 ph	3600	2030	1	220	60	19	10	1020	420	840
HCSM03E	ZB21KQE		5500	2810	1	220	60	19	10	1020	420	840
HCSM04E	ZB29KQE		7460	3730	1	220	60	19	12	1020	420	1240
HCSM05E	ZB38KQE		9350	4680	2	220	60*2	19	12	1020	420	1240
HCSM06E	ZB45KQE		10950	5350	2	220	60*2	19	12	1020	420	1240

Data based on the condensing temperature 40℃,evaporator temperature -5℃ .

Model	Compressor	Voltage	Capacity		Condenser			Connection		Dimension		
			Cap (W)	Input (W)	Fan NO	Fan Volt (V)	Fan Power (W)	Gas Dia (mm)	Liquid Dia (mm)	L	W	H
HCR. M07E	ZB48KQE	380v 150hz /3 ph	13050	5860	1	380	250*2	22	16	1290	750	705
HCRM08E	ZB58KQE		15250	6320	1	380	250*2	28	16	1290	750	705
HCRM09E	ZB66KQE		17150	7090	1	380	250*2	28	16	1490	750	705
HCRM10E	ZB76KQE		20300	8200	1	380	250*2	35	16	1490	750	805
HCRM13E	ZB95KQE		25000	10500	2	380	450’ 2	35	16	1490	800	805
HCRM15E	ZB114KQE		29700	12650	2	380	450*2	35	16	1490	800	805

Data based on the condensing temperature 40℃,evaporator temperature -5℃ .

			Capacity		Condenser			Connecion		Dimension		
Model	Compressor	Voltage	Cap (W)	Input (W)	Fan NO	Fan Volt (V)	Fan Power (W)	Gas Dia (mm)	Liquid Dia (mm)	L (mm)	W (mm)	H (mm)
HCSL02E	ZSI06KQE	380V/50hz /3phase	1600	1730	1	220	60	16	12	1020	420	840
HCSL03E	ZSI09KQE		2250	2200	1	220	60	16	12	1020	420	840
HCSL04E	ZSI11KQE		2880	2570	2	220	60	19	12	1020	420	1240
HCSL05E	ZSI15KQE		4160	3440	2	220	60*2	19	12	1020	420	1240
HCSL06E	ZSI18KQE		5110	4280	2	220	60*2	19	12	1020	420	1240
HCRL07E	ZSI21KQE		5690	4740	1	220	460	28	16	1020	810	980

Date based on the condensing temperature 45℃,evaporator temperature -25℃

			Capacity		Condenser			Connecion		Dimension		
Model	Compressor	Voltage	Cap (W)	Input (W)	Fan NO	Fan Volt (V)	Fan Power (W)	Gas Dia (mm)	Liquid Dia (mm)	L (mm)	W (mm)	H (mm)
HCRL06E	ZFI26KQE	380v/50hz 13phase	6910	4640	1	220	460	19	12	950	750	780
HCRL08E	ZFI36KQE		8680	5860	1	220	460	28	19	1015	810	980
HCRL10E	ZFI39KQE		11500	7830	2	220	560	28	19	1390	810	980
HCRL12E	ZFI50KQE		14000	9520	2	220	920	35	22	1440	810	980
HCRL15E	ZFI59KQE		15800	11050	2	220	920	35	22	1440	810	980
HCRL18E	ZFI68KQE		16400	12750	2	220	920	35	22	1440	810	980

Date based on the condensing temperature 45℃,evaporator temperature -30℃





Medium Temperature Units Specification

Model	Compressor	Voltage	Capacity		Condenser			Connection		Dimension		
			Cap (W)	Input (W)	Fan NO	Fan Volt (V)	Fan Power (W)	Gas Dia (mm)	Liquid Dia (mm)	L	W	H
HCRM15Y	4PES-15Y	380v /50hz /3 ph	26300	11670	2	380	450*2	42	22	1550	965	1700
HCRM20Y	4NES-20Y		31700	13990	2	380	600*2	42	22	1550	965	1700
HCRM25Y	4HE-25Y		41900	18410	2	380	800*2	54	22	1850	1090	1800
HCRM30Y	4GE-30Y		48000	21200	2	380	800*2	54	22	2180	1090	1845

Remark:
1.All the data base on the-5C evaporating temperature,40℃ condensing temperature,R404a refrigerant,380v/50hz/3phase.
2.All the data are the reference data,please according to our company design,please connect us if need other model and data.

Low Temperature Units Specification

Model	Compressor	Voltage	Capacity		Condenser			Connection		Dimension		
			Cap (W)	Input (W)	Fan NO	Fan Volt (V)	Fan Power (W)	Gas Dia (mm)	Liquid Dia (mm)	L	W	H
HCRL18Y	4HE-18Y	380v /50hz /3 ph	22000	11720	2	380	450*2	42	22	1510	890	1555
HCRL23Y	4GE-23Y		25900	13880	2	380	450*2	54	22	1850	1085	1730
HCRL28Y	6HE-28Y		32400	17250	2	380	600*2	54	22	1850	1085	1730
HCRL34Y	6GE-34Y		38900	21100	2	380	800*2	54	22	2180	1085	1845
HCRL44Y	4FE-44Y		46300	25500	2	380	800*2	54	28	2730	1085	1895

Remark:1.All the data base on the-25℃ evaporating temperature,40℃ condensing temperature,R404a refrigerant,380v/50hz/3phase.
2.All the data are the reference data,please according to our company design,please connect us if need other model and data.

Screw Parallel Racks



- 1.Compared with the reciprocating piston compressor,less internal moving parts,more reliable and long life,reduce maintenance costs.
- 2.All products have a complete set protection devices for components are adopted wold famous brand.
- 3.Multi-phase capacity regulation,energy can be adjusted according to the change of cooling capacity,effective energy-saving.

Model	compressor		Cooling capacity (kw)	Input power (kw)	Pipe				size		
	model	No.			Gas in (mm)	Liquid outlet (mm)	Gas connect (mm)	Liquidinlet connect (mm)	L (mm)	W (mm)	H (mm)
HCPSL2-100	HSN7471-75	2	78.3	49.4	108	42	76	54	2650	1880	2100
HCPSL2-250	HSN8571-125	2	132.6	78.3	159	54	108	66	3450	2020	2300
HCPSL3-225	HSN7471-75	3	234.9	148.2	2*108	54	108	66	3450	1900	2100
HCPSL3-375	HSN8571-125	3	397.8	234.9	2*133	66	108	76	4250	2020	2300
HCPSL4-300	HSN7471-75	4	313.2	197.6	3*108	54	133	66	4250	1900	2100
HCPSL4-500	HSN8571-125	4	530.4	313.2	3*133	76	159	89	4850	2020	2300

Remark:
1.All the data base on the the-32C evaporating temperature,40C condensing temperature,R507 refrigerant,380v/50hz/3phase.
2.Althe data are the reference data,please according to our company design,please connect us if need other model and data.

Model	compressor		Cooling capacity (kw)	Input power (kw)	Pipe				size		
	model	No.			Gas in (mm)	Liquid outlet (mm)	Gas connect (mm)	Liquidinlet connect (mm)	L (mm)	W (mm)	H (mm)
HCPSM2-140	CSH7553-70	2	254.8	85.4	108	76	66	54	2400	1880	2100
HCPSM2-160	CSH7563-80	2	296.4	96.8	108	89	66	54	2400	1880	2100
HCPSM3-210	CSH7553-70	3	382.2	128.1	2*80	108	76	54	3300	1880	2100
HCPSM3-240	CSH7563-80	3	444.6	145.2	2*108	108	89	66	3300	1880	2100
HCPSM4-280	CSH7553-70	4	509.6	170.8	2*108	133	89	66	4200	1880	2100
HCPSM4-320	CSH7563-80	4	592.8	193.6	2*108	133	89	76	4200	1880	2100

Remark:
1.All the data base on the the-5℃ evaporating temperature,40℃ condensing temperature,R404 refrigerant,380v/50hz/3phase.
2.Althe data are the reference data,please according to our company design,please connect us if need other model and data.

Reciprocating Parallel Racks



- 1.Save 20%power compared to split single condensing unit
- 2.2~6 sets of compressors in parallel until 300HP,suitable for high temp,medium temp, low temp.
- 3.Adopt Siemens PLC programmable control,full automatic operation.
- 4Automatic processing balances,long service life

Model	compressor		Cooling capacity (kw)	Input power (kw)	Pipe				size		
	model	No.			Gas in (mm)	Liquid outlet (mm)	Gas connect (mm)	Liquidinlet connect (mm)	L (mm)	W (mm)	H (mm)
HCPPM2-20	4VES-10	2	40600	14000	42	22	35	28	2550	1200	1850
HCPPM2-30	4PES-15	2	58400	19800	54	22	35	28	2550	1200	1850
HCPPM2-40	4NES-20	2	67600	24000	54	28	35	28	2550	1200	1850
HCPPM2-50	4HE-25	2	87200	30300	66	28	42	35	2550	1200	1850
HCPPM2-60	4GE-30	2	100000	35800	66	28	42	35	2550	1200	1850
HCPPM2-70	6HE-35	2	130800	45400	76	35	54	42	2550	1200	1850
HCPPM2-80	6GE-40	2	150000	53600	76	35	54	42	2550	1200	1850
HCPPM2-100	6FE-50	2	177600	66800	76	35	54	42	2550	1200	1850

Remark:
1.All the data base on the medium temperature-5℃,R404 refrigerant,380v/50hz/3phase.
2.All the data are the reference data,please according to our company design,please connect us if need other model and data.

Model	compressor		Cooling capacity (kw)	Input power (kw)	Pipe				size		
	model	No.			Gas in (mm)	Liquid outlet (mm)	Gas connect (mm)	Liquidinlet connect (mm)	L (mm)	W (mm)	H (mm)
HCPLL2-24	4PES-12	2	16240	11600	54	22	35	28	2500	1000	1850
HCPLL2-28	4NES-14	2	18940	13600	54	22	35	28	2500	1000	1850
HCPPM2-36	4HE-18	2	23920	17800	54	22	35	28	2500	1000	1850
HCPPM2-46	4GE-23	2	27820	21500	66	22	42	28	2500	1000	1850
HCPPM2-56	6HE-28	2	35900	26700	66	28	42	35	2500	1000	1850
HCPPM2-68	6GE-34	2	41800	32200	76	28	54	35	2500	1000	1850
HCPPM2-88	6FE-44	2	50600	38800	76	28	54	35	2500	1000	1850

Remark:
1.All the data base on the low temperature-30℃,R404 refrigerant,380v/50hz/3phase.
2.AI the data are the reference data,please according to our company design,please connect us if need other model and data.

Cold Room Accessories

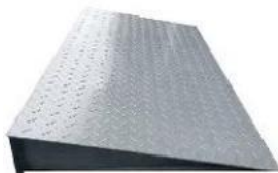
Pressure Window



Keep the air pressure balance inside and outside the cold storage



Steel Ramp



Faster movement of goods in and out

LED Light



Waterproof,Anti-fog, Explosion-proof

PVC Curtain



Reduce cooling loss

Anti-slip Aluminum Plate



Increase the floor panel bearing capacity

Glue



Effectively eliminate air and moisture inside and outside the cold room

Copper Pipe



Connecting the refrigeration system

Control Box



Intelligent control of refrigeration system operation,defrosting and evaporation units

Shelves



Convenient storage of goods

Arc aluminum



To make the interior of the cold room neat and beautiful

Our Projects



 **KUTECOLD**
REFRIGERATION

