

A photograph of a rooftop with several white refrigeration units. The units are arranged in a row, and the background shows a blurred cityscape under a clear sky.

Refrigeration equipment

Unit naming rules

CM	D	A	M	020	Q	Y	T
▼	▼	▼	▼	▼	▼	▼	▼
01	02	03	04	05	06	07	08

- 01** Product brand: CM-Coldmach
- 02** Product series code: D-intelligent series T-overhead all-in-one series
S-side-mounted all-in-one series G-Copeland Series F-Danfoss Series B-Bitzer
- 03** Heat dissipation characteristics: A-air-cooled W-water-cooled
- 04** Temperature range: M - medium high temperature L - low temperature
- 05** Unit power: 020-2 hp, 050-5 hp
- 06** Q - Hermetic compressor B - Semi-hermetic compressor
- 07** Y - stands for lipid oil
- 08** T-380V/3PH/50Hz P-220V/1PH/50Hz
G:380V/3PH/60Hz S:220V/3PH/60Hz K:220V/1PH/60Hz





COLDMACH



1

Intelligent Split Unit Of Air-cooled

TECHNICAL CHARACTERISTICS & ADVANTAGES

Compact configuration,high temperature electrostatic coating treatment,durable long life time.

Electronic expansion valve control,cooling fast,high efficiency.

Household air-conditioning installation,it is not need the senior technician.

Full intelligent cintrol system,boot self-diagnosis,free of debugging,Optional remote monitoring maintenance module.

Automatic recommendations for maintenance and fault diagnosis(show the cause of the problem with troubshooting tips and advice,simplify maintenance job.

Achieve the maximum protection of the unit and compressor,ensure the stability of long-term operation of compressor.

Complete configuration,no need other valve parts,control cabinet.

High & Medium Temp Parameter Table

Model: CM-DAM020QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	8	4890
		0	3826
		-10	2597
		-18	2105
		-20	1817
	Norminal Power(W)	Power	1692
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	60
Pipe Connection(in)	Gas Line	1/2"	
	Liquid Line	3/8"	
Dimensions(mm)	952×438×823		
Weight (kg)	80		
Air Cooler Matching	Model	CM-DAE090R42	
	Blower Motor	OTY	1
		Power(W)	90
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
Weight (kg)	24		

Model: CM-DAM030QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	8	7077
		0	5537
		-10	3757
		-18	2630
		-20	2352
	Norminal Power(W)	Power	2366
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	60
Pipe Connection(in)	Gas Line	5/8"	
	Liquid Line	1/2"	
Dimensions(mm)	952×438×823		
Weight (kg)	87		
Air Cooler Matching	Model	CM-DAE120R42	
	Blower Motor	OTY	1
		Power(W)	190
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
Weight (kg)	24		

Model: CM-DAM050QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	8	12680
		0	9920
		-10	6731
		-18	5457
		-20	4215
	Norminal Power(W)	Power	4050
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60×2
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	966×438×1327		
Weight (kg)	122		
Air Cooler Matching	Model	CM-DAE220R42	
	Blower Motor	OTY	2
		Power(W)	190×2
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	1570×481×552
	Mounting Dimensions(mm)	F×E	366×1230
Weight (kg)	42		

Model: CM-DAM060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	8	15077
		0	11387
		-10	7829
		-18	5588
		-20	4852
	Norminal Power(W)	Power	4343
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60×2
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	966×438×1327		
Weight (kg)	126		
Air Cooler Matching	Model	CM-DAE255R70	
	Blower Motor	OTY	2
		Power(W)	160×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1820×551×637
	Mounting Dimensions(mm)	F×E	436×1475
Weight (kg)	58		

Noet:

- 1.Norminal Power: Condensing Temperature: 32°C, Cold Room Temperature: 0°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

High & Medium Temp Parameter Table

Model: CM-DAM080QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	8	19463		
		0	15228		
		-10	10333		
		-18	7996		
		-20	7233		
	Nominal Power(W)		Power	7180	
	Compressor		Type	Semi-Hermetic Scroll	
	Fan Motor		OTY	1	
			Power(W)	850	
Pipe Connection(in)		Gas Line	7/8"		
		Liquid Line	5/8"		
Dimensions(mm)		805×805×1445			
Weight (kg)		210			
Air Cooler Matching	Model		CM-DAE380R70		
	Blower Motor		OTY	2	
			Power(W)	160×2	
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	1870×551×615	
	Mounting Dimensions(mm)		F×E	436×1530	
	Weight (kg)		74		

Model: CM-DAM100QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	8	25448		
		0	19909		
		-10	13510		
		-18	10454		
		-20	9457		
	Nominal Power(W)		Power	9541	
	Compressor		Type	Semi-Hermetic Scroll	
	Fan Motor		OTY	1	
			Power(W)	850	
Pipe Connection(in)		Gas Line	1-1/8"		
		Liquid Line	7/8"		
Dimensions(mm)		805×805×1445			
Weight (kg)		230			
Air Cooler Matching	Model		CM-DAE600R70		
	Blower Motor		OTY	3	
			Power(W)	160×3	
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	2620×551×612	
	Mounting Dimensions(mm)		F×E	436×2282	
	Weight (kg)		96		

Model: CM-DAM120QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	8	29494		
		0	23075		
		-10	15657		
		-18	12116		
		-20	10960		
	Nominal Power(W)		Power	10610	
	Compressor		Type	Semi-Hermetic Scroll	
	Fan Motor		OTY	1	
			Power(W)	1100	
Pipe Connection(in)		Gas Line	1-3/8"		
		Liquid Line	7/8"		
Dimensions(mm)		970×970×1728			
Weight (kg)		250			
Air Cooler Matching	Model		CM-DAE650R70		
	Blower Motor		OTY	2	
			Power(W)	950×2	
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	2420×653×725	
	Mounting Dimensions(mm)		F×E	523×2020	
	Weight (kg)		110		

Model: CM-DAM150QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	8	33421		
		0	27676		
		-10	19905		
		-18	15162		
		-20	12498		
	Nominal Power(W)		Power	12314	
	Compressor		Type	Semi-Hermetic Scroll	
	Fan Motor		OTY	1	
			Power(W)	1250	
Pipe Connection(in)		Gas Line	1-3/8"		
		Liquid Line	7/8"		
Dimensions(mm)		970×970×1728			
Weight (kg)		260			
Air Cooler Matching	Model		CM-DAE650R70		
	Blower Motor		OTY	2	
			Power(W)	950×2	
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	2420×653×725	
	Mounting Dimensions(mm)		F×E	523×2020	
	Weight (kg)		110		

Noet:

- 1.Nominal Power: Condensing Temperature: 32°C, Cold Room Temperature: 0°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-DAL020QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	3329
		-20	2520
		-25	2200
		-30	1783
		-35	1429
	Norminal Power(W)	Power	1360
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	60
Pipe Connection(in)	Gas Line	1/2"	
	Liquid Line	3/8"	
Dimensions(mm)	952×438×823		
Weight (kg)	80		
Air Cooler Matching	Model	CM-DAE090R42	
	Blower Motor	OTY	1
		Power(W)	90
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
	Weight (kg)	24	

Model: CM-DAL030QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	4227
		-20	3311
		-25	2890
		-30	2342
		-35	1877
	Norminal Power(W)	Power	2510
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	60
Pipe Connection(in)	Gas Line	5/8"	
	Liquid Line	1/2"	
Dimensions(mm)	952×438×823		
Weight (kg)	87		
Air Cooler Matching	Model	CM-DAE120R42	
	Blower Motor	OTY	1
		Power(W)	190
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
	Weight (kg)	24	

Model: CM-DAL050QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	7230
		-20	5473
		-25	5255
		-30	4259
		-35	3414
	Norminal Power(W)	Power	3590
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60×2
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	966×438×1327		
Weight (kg)	122		
Air Cooler Matching	Model	CM-DAE220R42	
	Blower Motor	OTY	2
		Power(W)	190×2
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	1570×481×552
	Mounting Dimensions(mm)	F×E	366×1230
	Weight (kg)	42	

Model: CM-DAL060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	7797
		-20	5902
		-25	6295
		-30	5101
		-35	4089
	Norminal Power(W)	Power	4150
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60×2
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	966×438×1327		
Weight (kg)	126		
Air Cooler Matching	Model	CM-DAE255R70	
	Blower Motor	OTY	2
		Power(W)	160×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1820×551×637
	Mounting Dimensions(mm)	F×E	436×1475
	Weight (kg)	58	

Noet:

- 1.Nominal Power: Condensing Temperature: 32°C, Cold Room Temperature: -18°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-DAL080QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	8	8790
		0	6780
		-10	9326
		-18	7771
		-20	6370
	Norminal Power(W)	Power	6350
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	850
Pipe Connection(in)	Gas Line	7/8"	
	Liquid Line	5/8"	
Dimensions(mm)	805×805×1445		
Weight (kg)	210		
Air Cooler Matching	Model	CM-DAE380R70	
	Blower Motor	OTY	2
		Power(W)	160×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1870×551×615
	Mounting Dimensions(mm)	F×E	436×1530
	Weight (kg)	74	

Model: CM-DAL100QYT

Condensing Unit	Power Supply	380V/3/50Hz	
	Cold Room Temperature°C	8	11953
		0	9220
		-10	12682
		-18	10567
		-20	8662
	Norminal Power(W)	Power	8500
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	850
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	7/8"	
Dimensions(mm)	805×805×1445		
Weight (kg)	230		
Air Cooler Matching	Model	CM-DAE600R70	
	Blower Motor	OTY	3
		Power(W)	160×3
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	2620×551×612
	Mounting Dimensions(mm)	F×E	436×2282
	Weight (kg)	96	

Model: CM-DAL120QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	8	13514
		0	10424
		-10	14338
		-18	11947
		-20	9793
	Norminal Power(W)	Power	9500
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	1100
Pipe Connection(in)	Gas Line	1-3/8"	
	Liquid Line	7/8"	
Dimensions(mm)	970×970×1728		
Weight (kg)	250		
Air Cooler Matching	Model	CM-DAE650R70	
	Blower Motor	OTY	2
		Power(W)	950×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	2420×653×725
	Mounting Dimensions(mm)	F×E	523×2020
	Weight (kg)	110	

Model: CM-DAL150QYT

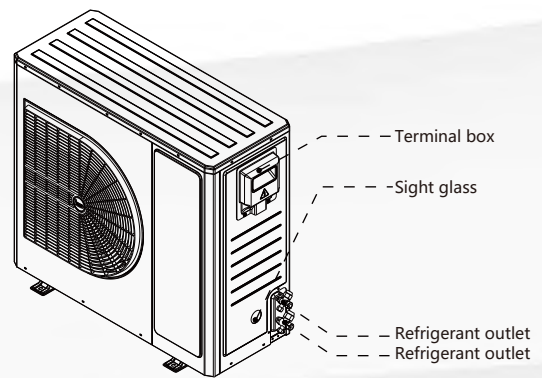
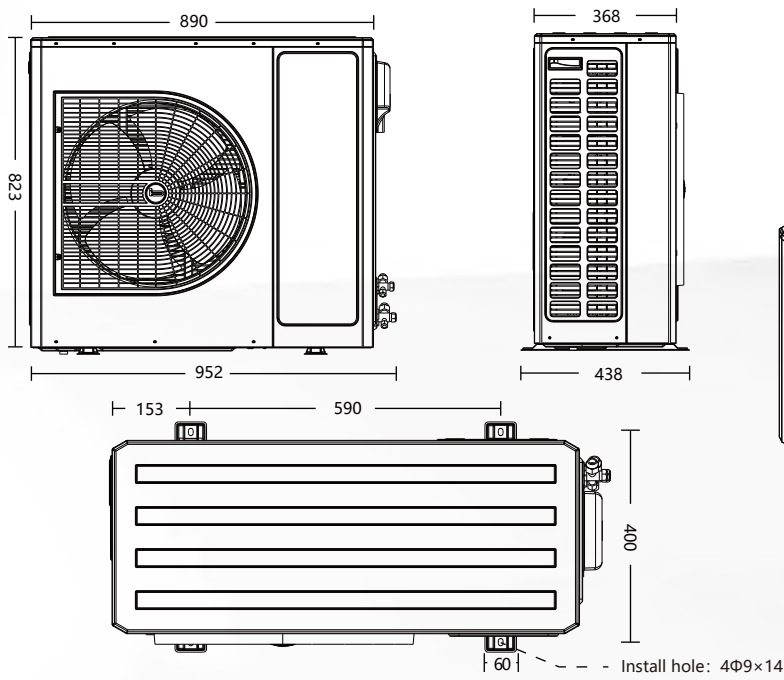
Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	8	17436
		0	13981
		-10	18500
		-18	15415
		-20	12635
	Norminal Power(W)	Power	11574
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	1250
Pipe Connection(in)	Gas Line	1-3/8"	
	Liquid Line	7/8"	
Dimensions(mm)	970×970×1728		
Weight (kg)	260		
Air Cooler Matching	Model	CM-DAE650R70	
	Blower Motor	OTY	2
		Power(W)	950×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	2420×653×725
	Mounting Dimensions(mm)	F×E	523×2020
	Weight (kg)	110	

Noet:

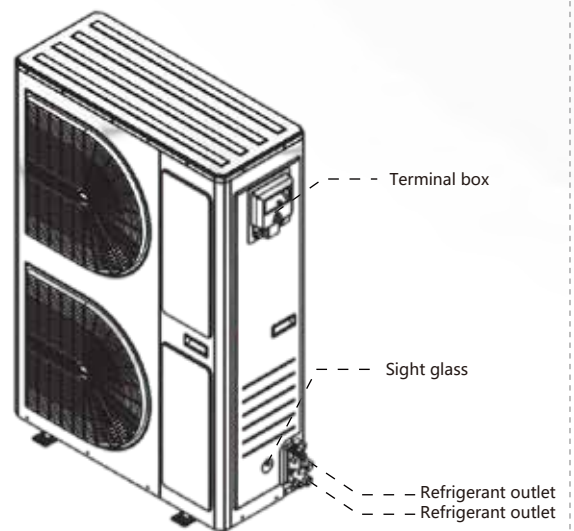
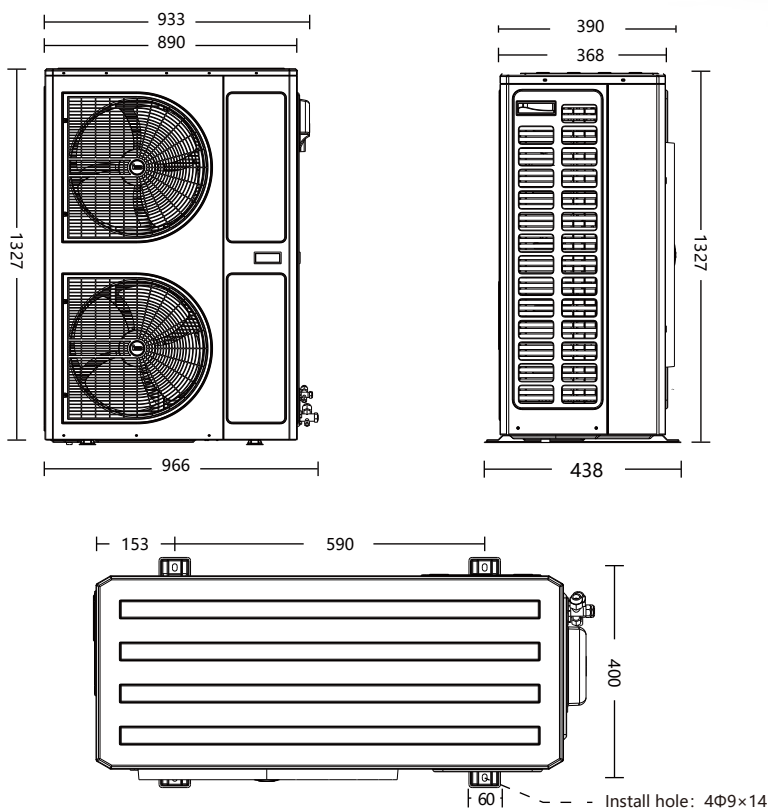
- 1.Nominal Power: Condensing Temperature: 32°C, Cold Room Temperature: -18°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

Model: CM-DAM/DAL 020~DAM/DAL 030

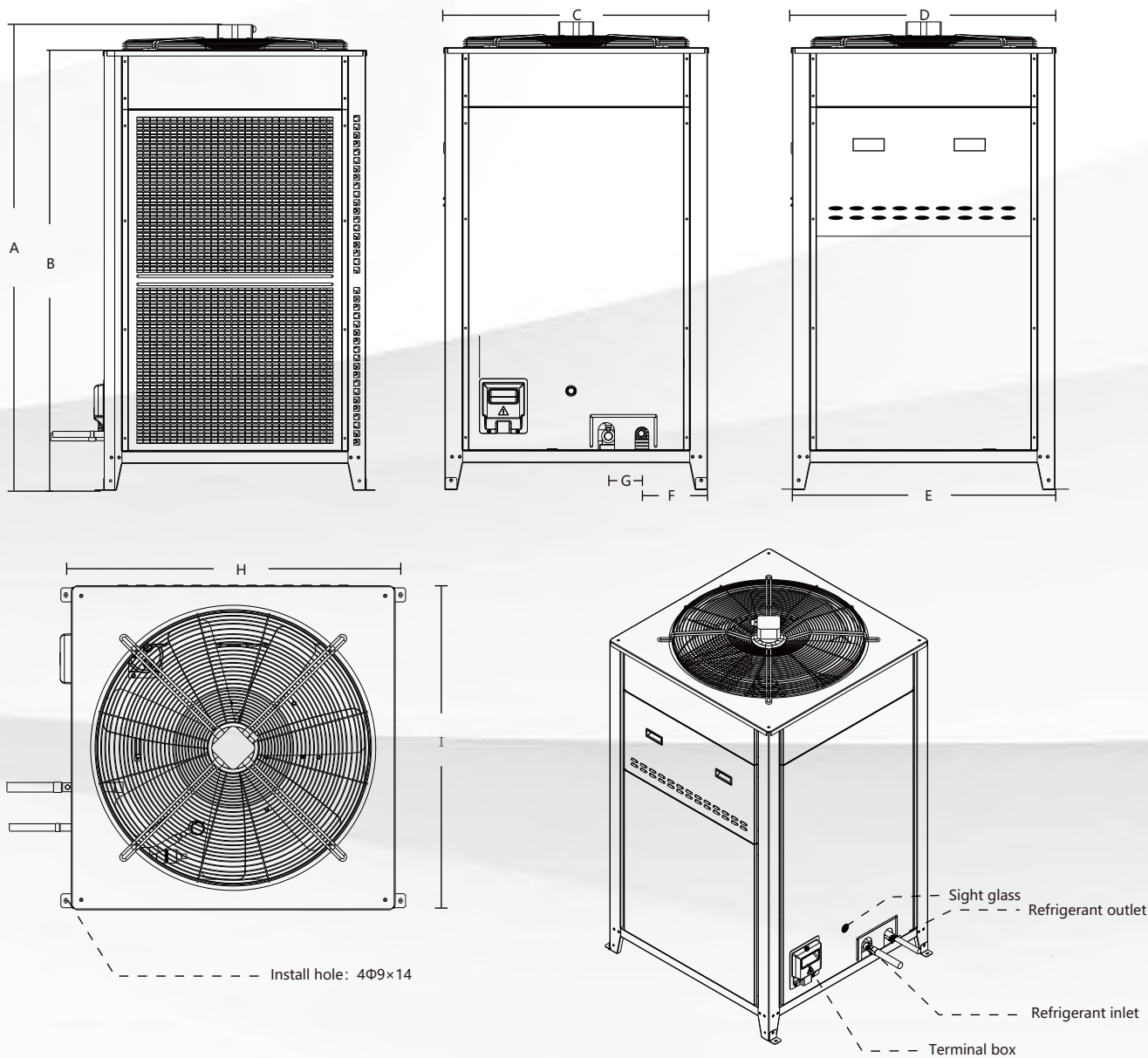


Model: CM-DAM/DAL 050~DAM/DAL 060



Dimension Figure

Model:
CM-DAM/DAL 080~DAM/DAL 150



CM-DAM/DAL 080/100									
A	B	C	D	E	F	G	H	I	
1445	1367	805	805	797	177	134	837	753	

CM-DAM/DAL 120/150									
A	B	C	D	E	F	G	H	I	
1728	1619	970	970	962	205	138	1002	917	

COLDMACH



2

Intelligent Split Unit of Water-cooled

TECHNICAL CHARACTERISTICS & ADVANTAGES

The unit adopts industry leading technology and luxury configuration.

Fuzzy control of electronic expansion valve,fast cooling of cold storage,refrigeration efficiency High.

Household air-conditioning installation is simple without senior installation technician.

Intelligent hot air defrosting technology,special for kumay hot air defrosting Cooling fan,short defrosting time(about 70%reduction) large energy saving .The energy consumption is reduced by about 80%,and the teperature rise in the reservoir is small(5°C~7°C), Traditional unit(12°C~15°C)

Full intelligent(centralized,modular)control system,power on self-test debugging,no debugging.Remote monitoring and maintenance module is optional.

Complete configuration,without additional valve parts and control box.

The sheet metal case can be fully opened,and the maintenance is very simple.

High & Medium Temp Parameter Table

Model: CM-DWM020QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	3826
		-5	2936
		-10	2597
		-15	2105
		-20	1817
	Norminal Power(W)	Power	1600
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	1/2"
		Liquid Line	3/8"
	Dimensions(mm)	868×566×679	
	Rated Discharge	1.6	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN15	
Lnlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	95		
Air Cooler Matching	Model	CM-DAE090R42	
	Blower Motor	OTY	1
		Power(W)	90
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
	Weight (kg)	24	

Model: CM-DWM030QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	5537
		-5	4563
		-10	3757
		-15	2630
		-20	2352
	Norminal Power(W)	Power	2300
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	5/8"
		Liquid Line	1/2"
	Dimensions(mm)	868×566×679	
	Rated Discharge	2.4	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN15	
Lnlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	98		
Air Cooler Matching	Model	CM-DAE120R42	
	Blower Motor	OTY	1
		Power(W)	190
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
	Weight (kg)	24	

Model: CM-DWM050QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	9920
		-5	7548
		-10	6731
		-15	5457
		-20	4215
	Norminal Power(W)	Power	4050
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	3/4"
		Liquid Line	1/2"
	Dimensions(mm)	882×566×799	
	Rated Discharge	4.0	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN15	
Lnlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	120		
Air Cooler Matching	Model	CM-DAE220R42	
	Blower Motor	OTY	2
		Power(W)	190×2
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	1570×481×552
	Mounting Dimensions(mm)	F×E	366×1230
	Weight (kg)	42	

Model: CM-DWM060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	12599
		-5	9862
		-10	8567
		-15	6230
		-20	4751
	Norminal Power(W)	Power	4343
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	3/4"
		Liquid Line	1/2"
	Dimensions(mm)	907×566×799	
	Rated Discharge	4.8	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN20	
Lnlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	122		
Air Cooler Matching	Model	CM-DAE255R70	
	Blower Motor	OTY	2
		Power(W)	160×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1820×551×637
	Mounting Dimensions(mm)	F×E	436×1475
	Weight (kg)	58	

Noet:

- 1.Norminal Power: Condensing Temperature: 32°C, Cold Room Temperature: 0°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.



High & Medium Temp Parameter Table

Model: CM-DWM080QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	15228
		-5	14536
		-10	10333
		-15	7996
		-20	7233
	Norminal Power(W)	Power	7180
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	5/8"
	Dimensions(mm)	988×636×799	
	Rated Discharge	6.4	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN25	
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	174		
Air Cooler Matching	Model	CM-DAE380R70	
	Blower Motor	OTY	2
		Power(W)	160×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1870×551×615
	Mounting Dimensions(mm)	F×E	436×1530
	Weight (kg)	74	

Model: CM-DWM100QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	19909
		-5	15983
		-10	13510
		-15	10454
		-20	9457
	Norminal Power(W)	Power	9541
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	1-1/8"
		Liquid Line	7/8"
	Dimensions(mm)	1038×636×800	
	Rated Discharge	8.0	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN32	
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	210		
Air Cooler Matching	Model	CM-DAE600R70	
	Blower Motor	OTY	3
		Power(W)	160×3
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	2620×551×612
	Mounting Dimensions(mm)	F×E	436×2282
	Weight (kg)	96	

Model: CM-DWM120QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	23075
		-5	19428
		-10	15657
		-15	12116
		-20	10960
	Norminal Power(W)	Power	10610
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	1-3/8"
		Liquid Line	7/8"
	Dimensions(mm)	1200×696×1000	
	Rated Discharge	9.6	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN40	
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	220		
Air Cooler Matching	Model	CM-DAE650R70	
	Blower Motor	OTY	2
		Power(W)	950×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	2420×653×725
	Mounting Dimensions(mm)	F×E	523×2020
	Weight (kg)	110	

Model: CM-DWM150QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	27676
		-5	23821
		-10	19905
		-15	15162
		-20	12498
	Norminal Power(W)	Power	12314
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	1-3/8"
		Liquid Line	7/8"
	Dimensions(mm)	1200×696×1000	
	Rated Discharge	12.0	
	Current Pressure	2-6	
	Specification of water inlet and outlet	DN40	
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	240		
Air Cooler Matching	Model	CM-DAE650R70	
	Blower Motor	OTY	2
		Power(W)	950×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	2420×653×725
	Mounting Dimensions(mm)	F×E	523×2020
	Weight (kg)	110	

Noet:

- 1.Nominal Power: Condensing Temperature: 32°C, Cold Room Temperature: 0°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-DWL020QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	3329
		-20	2520
		-25	2367
		-30	1908
		-35	1534
	Norminal Power(W)	Power	1600
	Compressor	Type	Hermetic Scroll
	Link specifitcation	Gas Line	1/2"
		Liquid Line	3/8"
	Dimensions(mm)	868×566×679	
Rated Discharge	1.6		
Current Pressure	2-6		
Specification of water inlet and outlet	DN15		
L _{nlet} / Outlet temperature °C	30°C/35°C		
Weight (kg)	95		
Air Cooler Matching	Model	CM-DAE090R42	
	Blower Motor	OTY	1
		Power(W)	90
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
	Weight (kg)	24	

Model: CM-DWL030QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	4227
		-20	3311
		-25	3111
		-30	2508
		-35	2015
	Norminal Power(W)	Power	2300
	Compressor	Type	Hermetic Scroll
	Link specifitcation	Gas Line	5/8"
		Liquid Line	1/2"
	Dimensions(mm)	868×566×679	
Rated Discharge	2.4		
Current Pressure	2-6		
Specification of water inlet and outlet	DN15		
L _{nlet} / Outlet temperature °C	30°C/35°C		
Weight (kg)	98		
Air Cooler Matching	Model	CM-DAE120R42	
	Blower Motor	OTY	1
		Power(W)	190
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	960×481×526
	Mounting Dimensions(mm)	F×E	366×712
	Weight (kg)	24	

Model: CM-DWL050QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	7230
		-20	5473
		-25	5656
		-30	4560
		-35	3665
	Norminal Power(W)	Power	4050
	Compressor	Type	Hermetic Scroll
	Link specifitcation	Gas Line	3/4"
		Liquid Line	1/2"
	Dimensions(mm)	882×566×799	
Rated Discharge	4.0		
Current Pressure	2-6		
Specification of water inlet and outlet	DN15		
L _{nlet} / Outlet temperature °C	30°C/35°C		
Weight (kg)	120		
Air Cooler Matching	Model	CM-DAE220R42	
	Blower Motor	OTY	2
		Power(W)	190×2
	Fin Pitch(mm)	4.2	
	Dimensions(mm)	L×W×H	1570×481×552
	Mounting Dimensions(mm)	F×E	366×1230
	Weight (kg)	42	

Model: CM-DWL060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-15	7797
		-20	5902
		-25	6775
		-30	5461
		-35	4390
	Norminal Power(W)	Power	4343
	Compressor	Type	Hermetic Scroll
	Link specifitcation	Gas Line	3/4"
		Liquid Line	1/2"
	Dimensions(mm)	907×566×799	
Rated Discharge	1.5~2.5		
Current Pressure	2-6		
Specification of water inlet and outlet	DN20		
L _{nlet} / Outlet temperature °C	30°C/35°C		
Weight (kg)	122		
Air Cooler Matching	Model	CM-DAE255R70	
	Blower Motor	OTY	2
		Power(W)	160×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1820×551×637
	Mounting Dimensions(mm)	F×E	436×1475
	Weight (kg)	58	

Noet:

- 1.Nominal Power: Condensing Temperature: 32°C, Cold Room Temperature: -18°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-DWL080QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-15	8790		
		-20	6780		
		-25	9892		
		-30	8192		
		-35	6730		
	Nominal Power(W)		Power	7180	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		7/8"	
		Liquid Line		5/8"	
	Dimensions(mm)		988×636×799		
	Rated Discharge		6.4		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN25			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		174			
Air Cooler Matching	Model		CM-DAE380R70		
	Blower Motor	OTY	2		
		Power(W)	160×2		
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	1870×551×615	
	Mounting Dimensions(mm)		F×E	436×1530	
	Weight (kg)		74		

Model: CM-DWL100QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-15	11953		
		-20	9220		
		-25	13366		
		-30	11140		
		-35	9152		
	Nominal Power(W)		Power	9541	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		1-1/8"	
		Liquid Line		7/8"	
	Dimensions(mm)		1038×636×800		
	Rated Discharge		8.0		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		210			
Air Cooler Matching	Model		CM-DAE600R70		
	Blower Motor	OTY	3		
		Power(W)	160×3		
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	2620×551×612	
	Mounting Dimensions(mm)		F×E	436×2282	
	Weight (kg)		96		

Model: CM-DWL120QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-15	13514		
		-20	10424		
		-25	15111		
		-30	12595		
		-35	10347		
	Nominal Power(W)		Power	10610	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		1-3/8"	
		Liquid Line		7/8"	
	Dimensions(mm)		1200×696×1000		
	Rated Discharge		9.6		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		220			
Air Cooler Matching	Model		CM-DAE650R70		
	Blower Motor	OTY	2		
		Power(W)	950×2		
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	2420×653×725	
	Mounting Dimensions(mm)		F×E	523×2020	
	Weight (kg)		110		

Model: CM-DWL150QYT

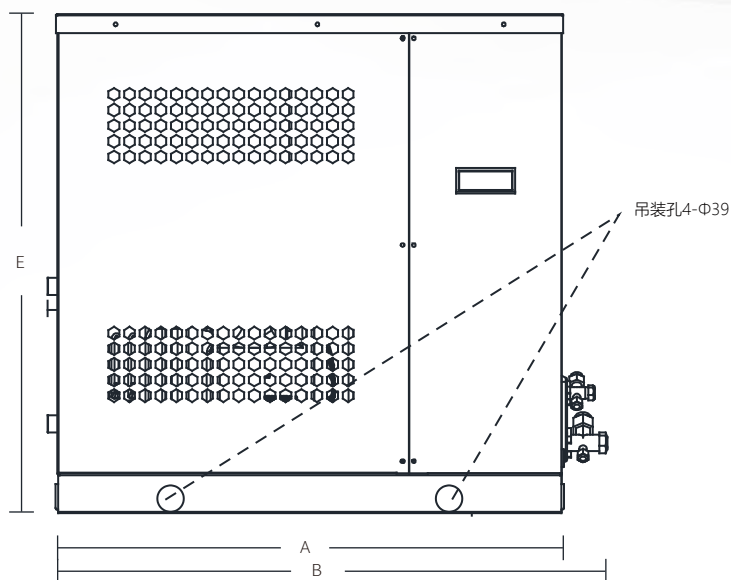
Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-15	17436		
		-20	13981		
		-25	19497		
		-30	16251		
		-35	13551		
	Nominal Power(W)		Power	12314	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		1-3/8"	
		Liquid Line		7/8"	
	Dimensions(mm)		1200×696×1000		
	Rated Discharge		12.0		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		240			
Air Cooler Matching	Model		CM-DAE650R70		
	Blower Motor	OTY	2		
		Power(W)	950×2		
	Fin Pitch(mm)		7		
	Dimensions(mm)		L×W×H	2420×653×725	
	Mounting Dimensions(mm)		F×E	523×2020	
	Weight (kg)		107		

Noet:

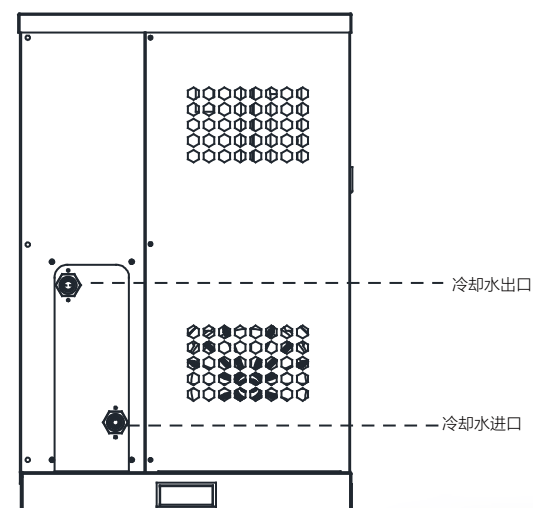
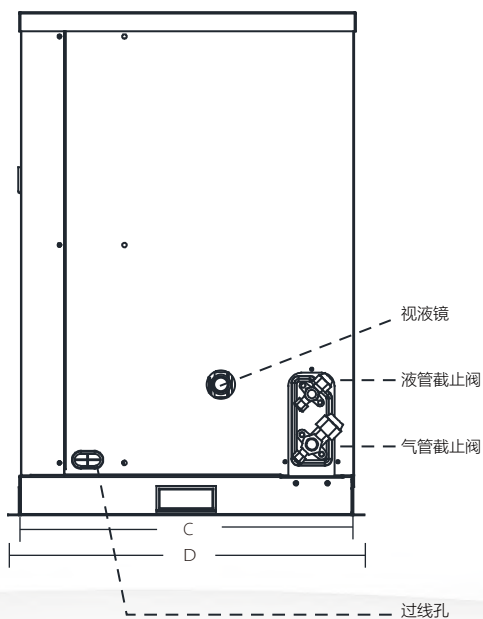
- 1.Nominal Power: Condensing Temperature: 32°C, Cold Room Temperature: -18°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

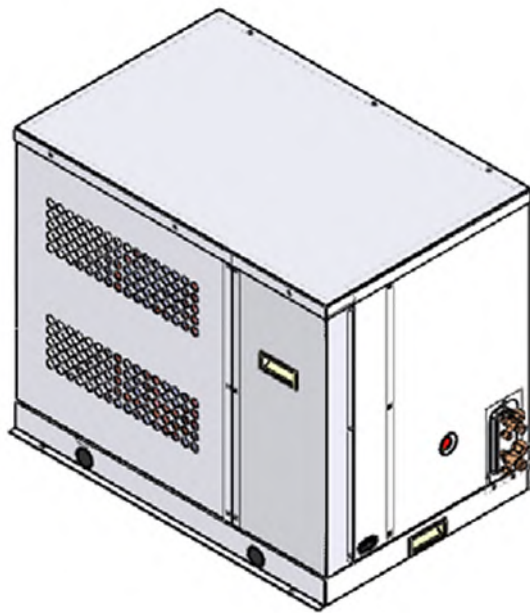
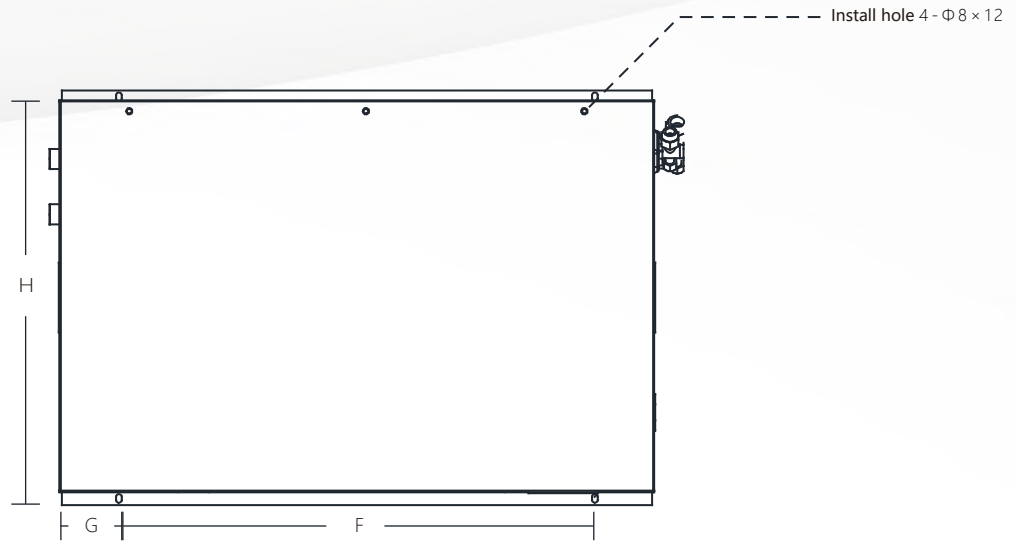
Model: CM-DWM/DWL 020~DWM/DWL 150



CM-DWM/DWL 020QYT							
A	B	C	D	E	F	G	H
806	868	530	566	679	650	78	548
CM-DWM/DWL 030QYT							
A	B	C	D	E	F	G	H
806	868	530	566	679	650	78	548
CM-DWM/DWL 050QYT							
A	B	C	D	E	F	G	H
806	882	530	566	799	650	78	548
CM-DWM/DWL 060QYT							
A	B	C	D	E	F	G	H
831	907	530	566	799	650	90.5	548



Dimension Figure



CM-DWM/DWL 080QYT

A	B	C	D	E	F	G	H
900	988	600	636	799	650	125	618

CM-DWM/DWL 100QYT

A	B	C	D	E	F	G	H
950	1038	600	636	799	700	125	618



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3

Appearance Diagram Of Roof In Monblock Unit

TECHNICAL CHARACTERISTICS & ADVANTAGES

Integrated design, embedded installation;

With compact structure and convenient installation, the installation can be completed within 20 minutes by embedding the corresponding size window reserved in the side plate of the cold storage;

Fuzzy control of electronic expansion valve, fast cooling, high efficiency, ultra wide operating range, warehouse temperature (-23~10°C) ;

Fully intelligent control system, automatic debugging, no need for professional senior installation technicians;

Provide maintenance advice and fault diagnosis independently (display fault reason prompt and suggestion processing method), simple operation, labor saving and time saving;

Outdoor waterproof design.



Table of technical parameters

Model: CM-TAL020QYP

Refrigeration capacity of unit	Room temperature	5	W	5000
		0	W	4300
		-5	W	3600
		-10	W	3030
		-15	W	2600
		-20	W	2050
		-25	W	1890
Nominal operating power		W	1820	
Scope of application		°C	-25~+10	
Power specification			220V~/50Hz	
Cryogen			R404A	
Compressor	Type		Rotor type(with spray cooling)	
	Number	pcs	1	
	Power	W	1540	
Condensation side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	1	
	Power	W	130	
Evaporative side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	2	
	Power	W	68×2	
	Range	m	6	
Shape size(long*deep*high)		mm	890×561×819	
Weight		kg	96	

Model: CM-TWL020QYP

Refrigeration capacity of unit	Room temperature	5	W	5000
		0	W	4300
		-5	W	3600
		-10	W	3030
		-15	W	2600
		-20	W	2050
		-25	W	1890
Nominal operating power		W	1820	
Scope of application		°C	-25~+10	
Power specification			220V~/50Hz	
Cryogen			R404A	
Compressor	Type		Rotor type(with spray cooling)	
	Number	pcs	1	
	Power	W	1540	
Condensation side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	1	
	Power	W	130	
Evaporative side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	2	
	Power	W	68×2	
	Range	m	6	
Shape size(long*deep*high)		mm	890×561×819	
Weight		kg	123	

Model: CM-TAL030QYP

Refrigeration capacity of unit	Room temperature	5	W	5883
		0	W	4862
		-5	W	3974
		-10	W	3213
		-15	W	2825
		-20	W	2515
		-25	W	2396
Nominal operating power		W	2335	
Scope of application		°C	-25~+10	
Power specification			380V/3N~50Hz	
Cryogen			R404A	
Compressor	Type		Rotor type(with spray cooling)	
	Number	pcs	1	
	Power	W	1980	
Condensation side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	2	
	Power	W	72×2	
Evaporative side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	3	
	Power	W	68×3	
	Range	m	6	
Shape size(long*deep*high)		mm	1080×607×794	
Weight		kg	121	

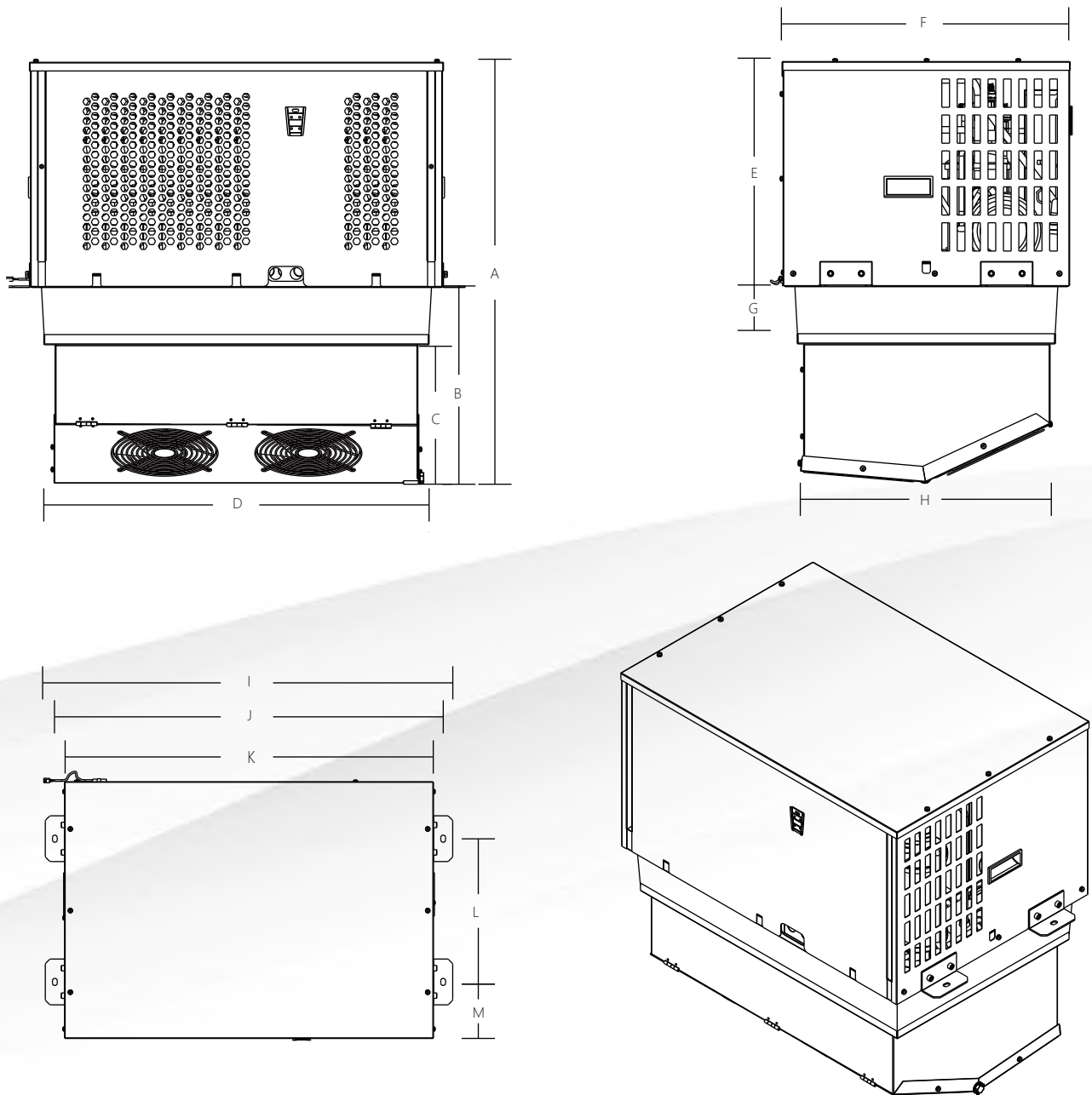
Model: CM-TWL030QYP

Refrigeration capacity of unit	Room temperature	5	W	5883
		0	W	4862
		-5	W	3974
		-10	W	3213
		-15	W	2825
		-20	W	2515
		-25	W	2396
Nominal operating power		W	2335	
Scope of application		°C	-25~+10	
Power specification			380V/3N~50Hz	
Cryogen			R404A	
Compressor	Type		Rotor type(with spray cooling)	
	Number	pcs	1	
	Power	W	1980	
Condensation side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	2	
	Power	W	72×2	
Evaporative side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	3	
	Power	W	68×3	
	Range	m	6	
Shape size(long*deep*high)		mm	1080×607×794	
Weight		kg	121	

Noet:

- 1.Norminal Power: Condensing Temperature: 32°C, Cold Room Temperature: 0°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure



CM-TAL/TWL020QYP												
A	B	C	D	E	F	G	H	I	J	K	L	M
810	372	270	750	439	561	110	503	890	848	806	313	124

CM-TAL/TWL030QYP												
A	B	C	D	E	F	G	H	I	J	K	L	M
783	380	280	900	403	607	110	530	1080	1043	1007	361	124

Unit installation

Hole size requirements:



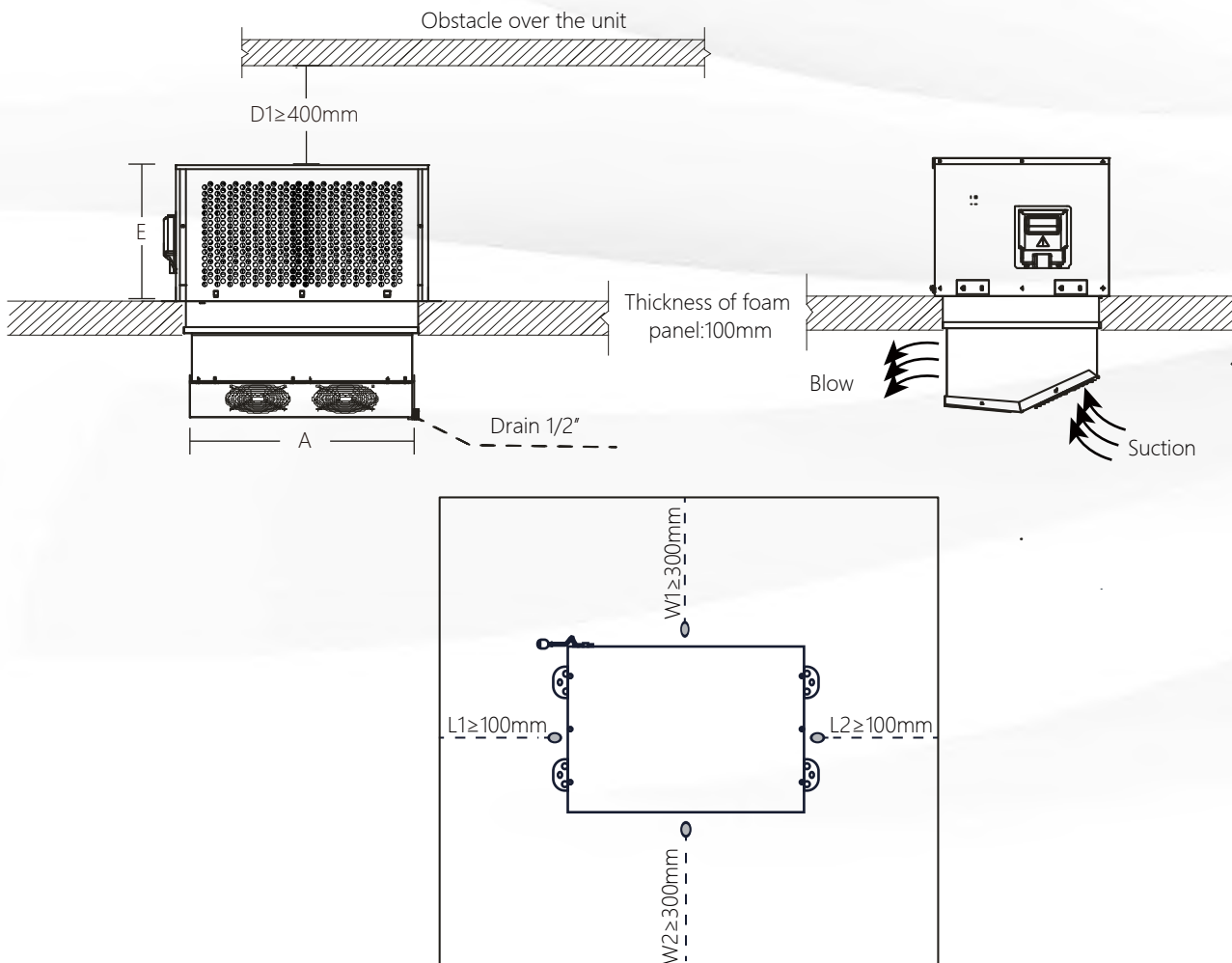
Note:

- The thickness of the storehouse plate is more than 50mm.
- Foaming agent must be filled in the gap between the unit and warehouse plate.

MODEL	A	B
CM-TAL020QYP CM-TWL020QYP	750	503
CM-TAL030QYT CM-TWL030QYT	900	530

单位: mm

Installation location requirements:



The distance between the top of the unit and the top obstacle is D1 or more than 400mm. The distance between the left and right sides of the installation plate of the unit and the edge of the cold storage should be more than 100mm. The distance between the front and back sides and the edge of the cold storage should be about 300mm, so as to ensure that the installation is firm.

The evaporation side of the unit is side air outlet, as shown in the diagram, and the installation position of the unit in the cold storage is selected according to the actual situation, so as to ensure uniform ventilation and facilitate installation/maintenance.

When the cold storage is used below zero, in order not to block the drainage pipe, the drainage pipe needs to have a heating wire, so that the defrosting water can be discharged in time.

Safety requirements



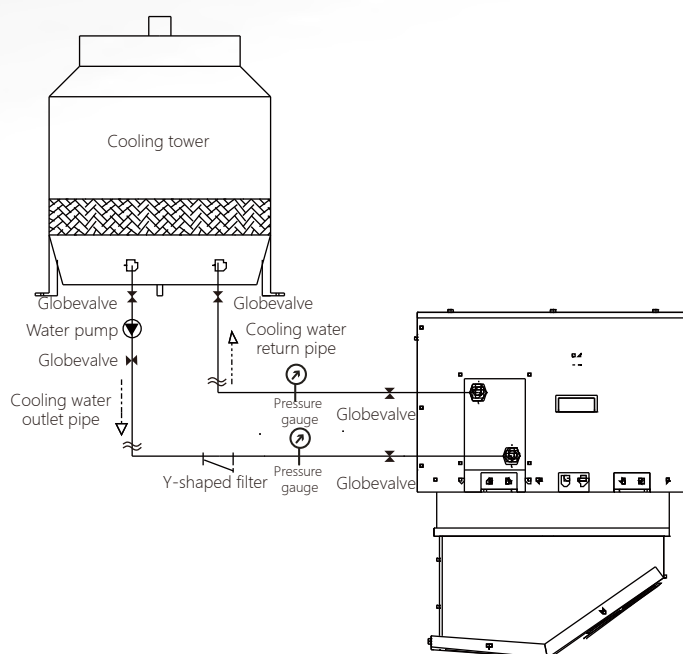
Warning: please wear labor protection tools when installing the unit.

Warning: handle with care during handling, otherwise the unit will be damaged or the refrigeration effect of the unit will be affected.

Warning: make sure all power is off before installing! Commissioning shall be carried out by professionals.

Installation steps

1. According to the actual needs, select the unit model matching with the cold storage;
2. Determine the location of the refrigerator according to the requirements;
3. The mounting and fixing holes are machined on the top of the cold storage, and the mounting holes are rectangular;
4. Check the outer packaging of the unit to determine whether the unit transportation process is in good condition, if there is any problem, please contact the logistics company;
5. Open the box, check whether the appearance of the unit is in good condition and whether the unit accessories are complete;
6. Install the unit at the installation position of the refrigerator and fix it tightly with screws.
7. Install the circuit, debug and operate the unit.



As shown on the left, before the cooling water inlet of the unit, water filter (e.g. Y-shaped filter) and other water filtering equipment must be installed to ensure the water entering. The cooling water of the unit shall be clean and free of impurities, and the water filtering equipment shall be cleaned regularly.



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4

Appearance Diagram of side in monoblock unit

TECHNICAL CHARACTERISTICS & ADVANTAGES

Integrated design, embedded installation;

With compact structure and convenient installation, the installation can be completed within 20 minutes by embedding the corresponding size window reserved in the side plate of the cold storage;

Fuzzy control of electronic expansion valve, fast cooling, high efficiency, ultra wide operating range, warehouse temperature (-23~10°C) ;

Fully intelligent control system, automatic debugging, no need for professional senior installation technicians;

Provide maintenance advice and fault diagnosis independently (display fault reason prompt and suggestion processing method), simple operation, labor saving and time saving;

Outdoor waterproof design.

Table of technical parameters

Model: CM-SAL010QYP

Refrigeration capacity of unit	Room temperature	5	W	3180
		0	W	2610
		-5	W	2120
		-10	W	1710
		-15	W	1380
		-20	W	1140
		-25	W	950
		Nominal operating power		W
Scope of application		°C	-25~+10	
Power specification			220V~/50Hz	
Cryogen			R404A	
Compressor	Type		Rotor type(with spray cooling)	
	Number	pcs	1	
	Power	W	1140	
Condensation side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	1	
	Power	W	72	
Evaporative side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	1	
	Power	W	68	
Shape size(long*deep*high)		mm	500×769×659	
Weight		kg	67	

Model: CM-SAL020QYP

Refrigeration capacity of unit	Room temperature	5	W	4850
		0	W	4100
		-5	W	3400
		-10	W	2950
		-15	W	2720
		-20	W	2425
		-25	W	2200
		Nominal operating power		W
Scope of application		°C	-25~+10	
Power specification			220V~/50Hz	
Cryogen			R404A	
Compressor	Type		Rotor type(with spray cooling)	
	Number	pcs	1	
	Power	W	1650	
Condensation side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	1	
	Power	W	130	
Evaporative side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	1	
	Power	W	72	
Shape size(long*deep*high)		mm	610×884×819	
Weight		kg	125	

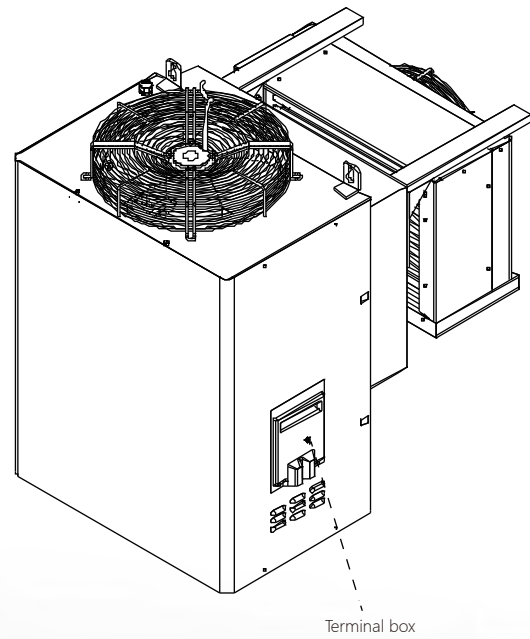
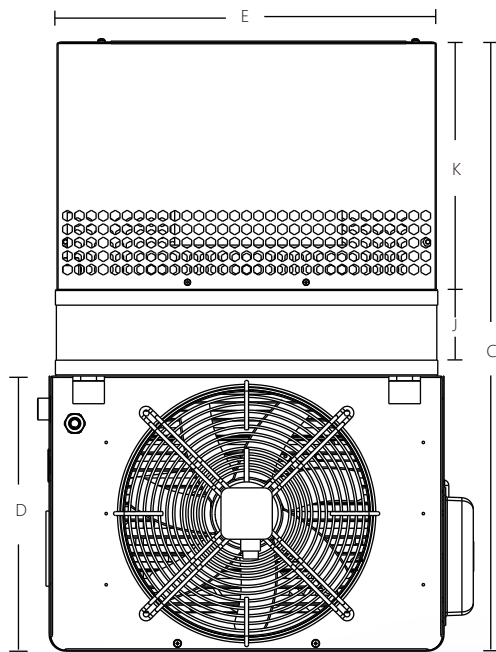
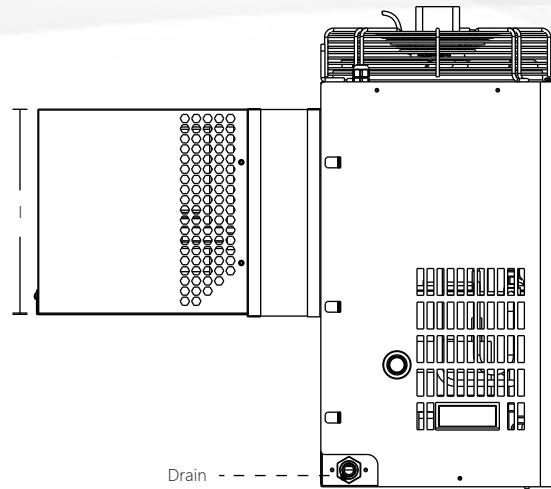
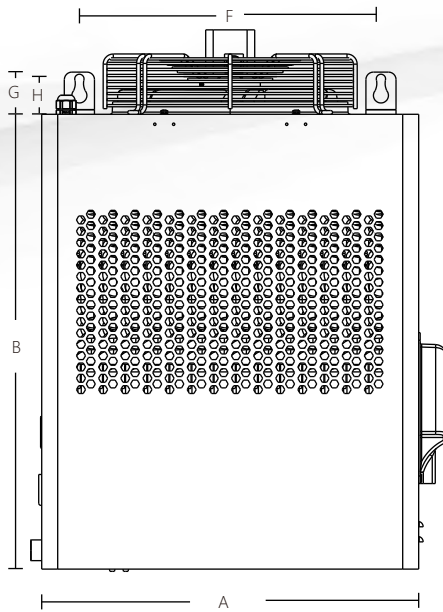
Model: CM-SAL030QYP

Refrigeration capacity of unit	Room temperature	5	W	6700
		0	W	5640
		-5	W	4650
		-10	W	3950
		-15	W	3500
		-20	W	3250
		-25	W	3150
		Nominal operating power		W
Scope of application		°C	-25~+10	
Power specification			380V/3N~/50Hz	
Cryogen			R404A	
Compressor	Type		Rotor type(with spray cooling)	
	Number	pcs	1	
	Power	W	2250	
Condensation side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	2	
	Power	W	72×2	
Evaporative side fan	Type		High Efficiency and Low Noise Axial Flow	
	Number	pcs	2	
	Power	W	72×2	
Shape size(long*deep*high)		mm	858×884×829	
Weight		kg	140	

Noet:

- 1.Norminal Power: Condensing Temperature: 32°C, Cold Room Temperature: 0°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure



CM-SAL010QYP

A	B	C	D	E	F	G	H	I	J	K
500	603	769	348	484	400	56	47	310	110	311

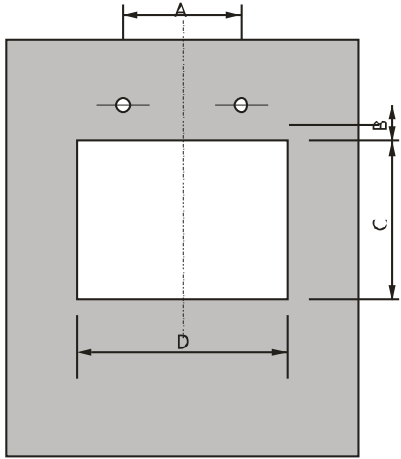
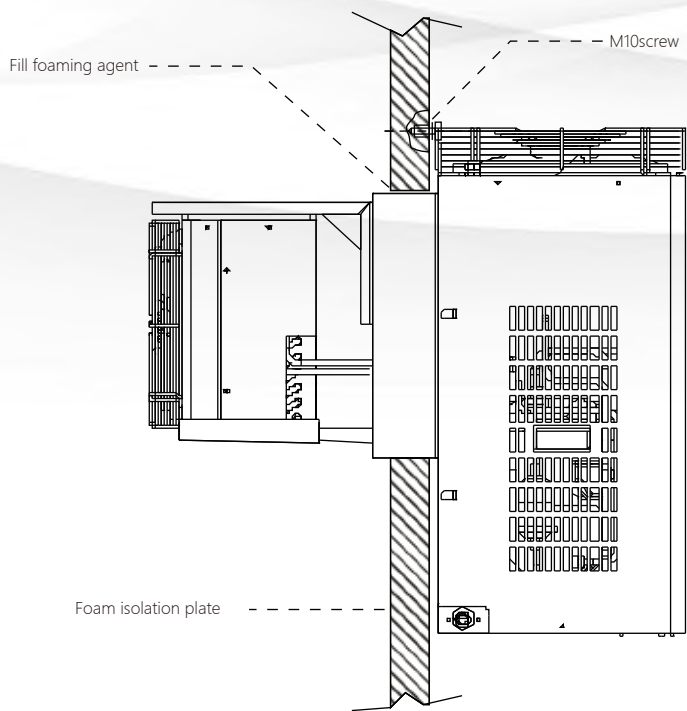
CM-SAL020QYP

A	B	C	D	E	F	G	H	I	J	K
607	763	838	409	590	500	56	47	440	110	320

CM-SAL030QYT

A	B	C	D	E	F	G	H	I	J	K
846	773	838	409	825	740	56	47	450	110	320

Unit installation



Hole size requirements:



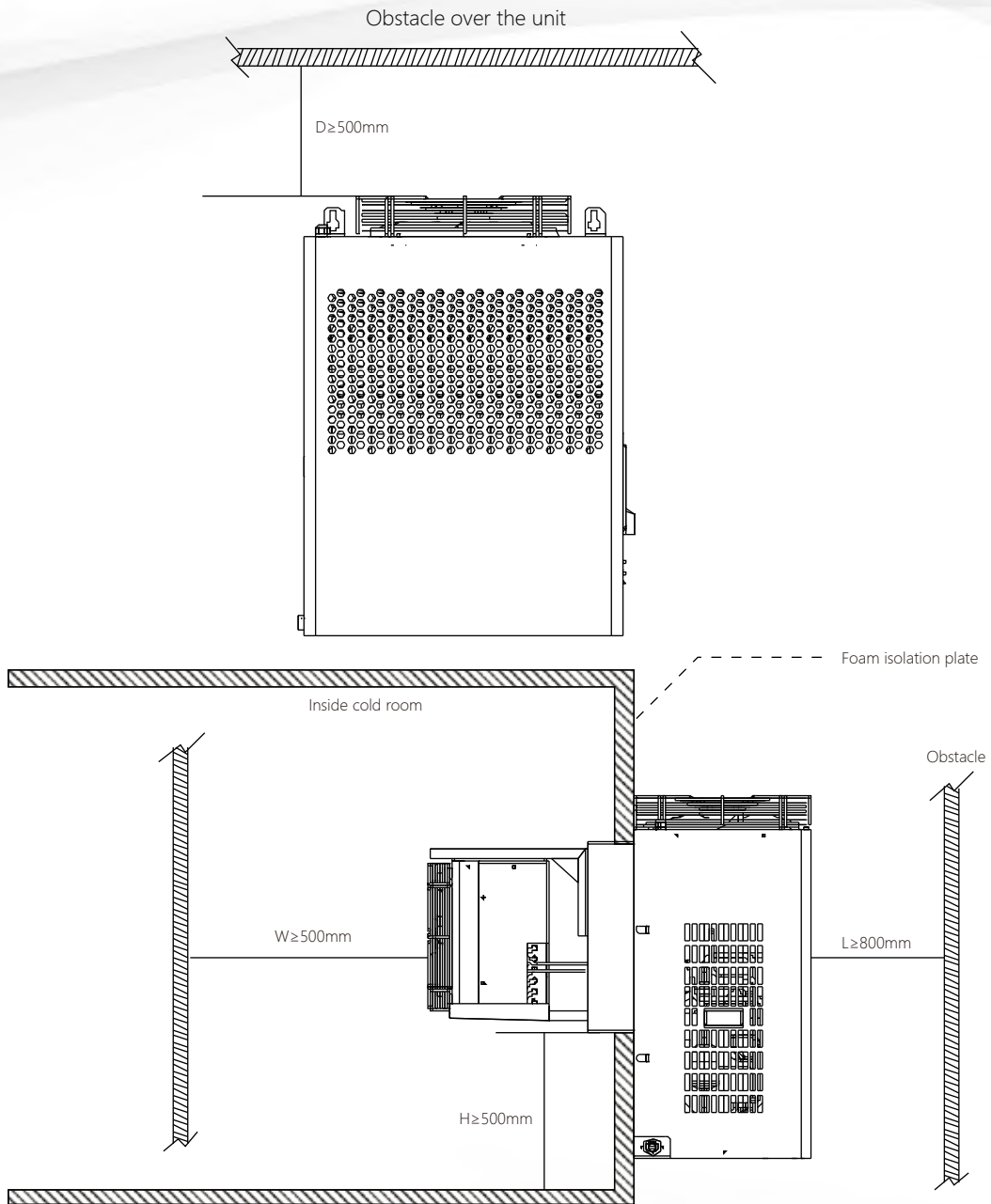
Note:

- The thickness of the storehouse plate is more than 50mm.
- Foaming agent must be filled in the gap between the unit and warehouse plate.

MODEL	A	B	C	D
CM-SAL010QYP	400	65	320	500
CM-SAL020QYP	500	65	450	600
CM-SAL030QYT	740	70	460	840

Company: mm

Unit installation



The distance from the top of the unit outside the reservoir to the top obstacle $D \geq 500\text{mm}$, so as to facilitate the exhaust of hot air inside the unit.

The distance between the front part of the unit outside the reservoir and the obstacle is $L \geq 800\text{mm}$, so as to facilitate the entry of cold air and the installation and operation of the unit.

The distance from the obstacle behind the unit in the reservoir is more than 500mm, so as to facilitate the full circulation of the cold air inside the unit.

The distance between the bottom of the unit and the bottom of the cold storage is more than 500mm, so as to facilitate the full circulation of the cold air inside the unit.



COLDMACH



5

Copeland Air Cooled Condensing Unit

TECHNICAL CHARACTERISTICS & ADVANTAGES

Compact configuration,high temperature electrostatic coating treatment,durable long life time.

Electronic expansion valve control,cooling fast,high efficiency.

Household air-conditioning installation,it is not need the senior technician.

Full intelligent cintrol system,boot self-diagnosis,free of debugging,Optional remote monitoring maintenance module.

Automatic recommendations for maintenance and fault diagnosis(show the cause of the problem with troubishooting tips and advice,simplify maintenance job.

Achieve the maximum protection of the unit and compressor,ensure the stability of long-term operation of compressor.

Complete configuration,no need other valve parts,control cabinet.

High & Medium Temp Parameter Table

Model: CM-GAM020QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Evaporation Temperature°C	0	5350		
		-5	4450		
		-10	3700		
		-15	3000		
		-20	2400		
	Nominal Power(W)		Power	1590	
	Compressor		Type	Hermetic Scroll	
	Fan Motor		OTY	1	
			Power(W)	60	
Pipe Connection(in)		Gas Line	5/8"		
		Liquid Line	3/8"		
Dimensions(mm)		1020×450×845			
Weight (kg)		68			
Air Cooler Matching	Model		CM-C301D04		
	Blower Motor		OTY	1	
			Power(W)	68	
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	730×500×450	
	Mounting Dimensions(mm)		C×E	390×477	
	Weight (kg)		20		

Model: CM-GAM030QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Evaporation Temperature°C	0	7850		
		-5	6600		
		-10	5500		
		-15	4550		
		-20	3700		
	Nominal Power(W)		Power	2230	
	Compressor		Type	Hermetic Scroll	
	Fan Motor		OTY	1	
			Power(W)	60	
Pipe Connection(in)		Gas Line	5/8"		
		Liquid Line	3/8"		
Dimensions(mm)		1020×450×845			
Weight (kg)		79			
Air Cooler Matching	Model		CM-C302C04		
	Blower Motor		OTY	2	
			Power(W)	68×2	
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1180×500×450	
	Mounting Dimensions(mm)		C×E	390×930	
	Weight (kg)		32		

Model: CM-GAM040QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Evaporation Temperature°C	0	10650		
		-5	8950		
		-10	7450		
		-15	6150		
		-20	5050		
	Nominal Power(W)		Power	2960	
	Compressor		Type	Hermetic Scroll	
	Fan motor		OTY	1	
			Power(W)	60	
Pipe Connection(in)		Gas Line	5/8"		
		Liquid Line	3/8"		
Dimensions(mm)		1020×450×845			
Weight (kg)		91			
Air Cooler Matching	Model		CM-C302F04		
	Blower Motor		OTY	2	
			Power(W)	68×2	
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1180×500×450	
	Mounting Dimensions(mm)		C×E	390×930	
	Weight (kg)		38		

Model: CM-GAM050QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Evaporation Temperature°C	0	13450		
		-5	11300		
		-10	9400		
		-15	7750		
		-20	6350		
	Nominal Power(W)		Power	3730	
	Compressor		Type	Hermetic Scroll	
	Fan Motor		OTY	2	
			Power(W)	60×2	
Pipe Connection(in)		Gas Line	3/4"		
		Liquid Line	1/2"		
Dimensions(mm)		1020×450×1245			
Weight (kg)		119			
Air Cooler Matching	Model		CM-C402C04		
	Blower Motor		OTY	2	
			Power(W)	135×2	
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		C×E	450×1105	
	Weight (kg)		47		

Notes:

1. Nominal Power: Condensing Temperature: 40°C, Evaporation Temperature: -10°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail data please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

High & Medium Temp Parameter Table

Model: CM-GAM060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	15750
		-5	13200
		-10	11000
		-15	9100
		-20	7450
	Normal Power(W)	Power	4230
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60 × 2
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	1020×450×1245		
Weight (kg)	126		
Air Cooler Matching	Model	CM-C402D04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
	Weight (kg)	50	

Model: CM-GAM070QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	17300
		-5	14500
		-10	12100
		-15	10000
		-20	8150
	Normal Power(W)	Power	4650
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60 × 2
Pipe Connection(in)	Gas Line	7/8"	
	Liquid Line	1/2"	
Dimensions(mm)	1020×450×1245		
Weight (kg)	153		
Air Cooler Matching	Model	CM-C402F04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
	Weight (kg)	57	

Model: CM-GAM080QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	20800
		-5	17450
		-10	14500
		-15	11850
		-20	9450
	Normal Power(W)	Power	5670
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	450×2
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	5/8"	
Dimensions(mm)	1359×750×1045		
Weight (kg)	172		
Air Cooler Matching	Model	CM-C402F04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
	Weight (kg)	57	

Model: CM-GAM100QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	27650
		-5	23250
		-10	19350
		-15	15900
		-20	12900
	Normal Power(W)	Power	7390
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	450×2
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	5/8"	
Dimensions(mm)	1359×750×1045		
Weight (kg)	181		
Air Cooler Matching	Model	CM-C403E04	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
	Weight (kg)	74	

Noet:

1. Normal Power: Condensing Temperature: 40°C, Evaporation Temperature: -10°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail data please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-GAL020QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-10	3830		
	-15	3130		
	-20	2540		
	-25	2050		
	-30	1660		
Condensing Unit	Norminal Power(W)	Power	1620	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	60	
	Pipe Connection(in)	Gas Line	5/8"	
		Liquid Line	3/8"	
	Dimensions(mm)	1020×450×845		
	Weight (kg)	67		
	Model		CM-C301C06	
	Air Cooler Matching	Blower Motor	OTY	1
Power(W)			68	
Fin Pitch(mm)	6			
Dimensions(mm)	L×W×H	730×500×450		
Mounting Dimensions(mm)	C×E	390×477		
Weight (kg)	17			

Model: CM-GAL030QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-10	5250		
	-15	4370		
	-20	3600		
	-25	2930		
	-30	2340		
Condensing Unit	Norminal Power(W)	Power	1980	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	60	
	Pipe Connection(in)	Gas Line	5/8"	
		Liquid Line	3/8"	
	Dimensions(mm)	1020×450×845		
	Weight (kg)	74		
	Model		CM-C302C06	
	Air Cooler Matching	Blower Motor	OTY	2
Power(W)			68×2	
Fin Pitch(mm)	6			
Dimensions(mm)	L×W×H	1180×500×450		
Mounting Dimensions(mm)	C×E	390×930		
Weight (kg)	31			

Model: CM-GAL040QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-10	8420		
	-15	6930		
	-20	5650		
	-25	4560		
	-30	3640		
Condensing Unit	Norminal Power(W)	Power	2840	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	60	
	Pipe Connection(in)	Gas Line	5/8"	
		Liquid Line	3/8"	
	Dimensions(mm)	1020×450×845		
	Weight (kg)	81		
	Model		CM-C302F06	
	Air Cooler Matching	Blower Motor	OTY	2
Power(W)			68×2	
Fin Pitch(mm)	6			
Dimensions(mm)	L×W×H	1180×500×450		
Mounting Dimensions(mm)	C×E	390×930		
Weight (kg)	36			

Model: CM-GAL050QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-10	9240		
	-15	7660		
	-20	6310		
	-25	5110		
	-30	4010		
Condensing Unit	Norminal Power(W)	Power	3120	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	60×2	
	Pipe Connection(in)	Gas Line	3/4"	
		Liquid Line	1/2"	
	Dimensions(mm)	1020×450×1245		
	Weight (kg)	104		
	Model		CM-C402C06	
	Air Cooler Matching	Blower Motor	OTY	2
Power(W)			135×2	
Fin Pitch(mm)	6			
Dimensions(mm)	L×W×H	1355×550×570		
Mounting Dimensions(mm)	C×E	450×1105		
Weight (kg)	47			

Noet:

- 1.Norminal Power: Condensing Temperature: 40°C, Evaporation Temperature: -25°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-GAL060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	11420
		-15	9480
		-20	7810
		-25	6380
		-30	5160
	Normal Power(W)	Power	3940
Compressor	Type	Hermetic Scroll	
Fan Motor	OTY	2	
	Power(W)	60×2	
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	1020×450×1245		
Weight (kg)	123		
Air Cooler Matching	Model	CM-C402D06	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
	Weight (kg)	50	

Model: CM-GAL070QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	14490
		-15	12300
		-20	10390
		-25	8740
		-30	7330
	Normal Power(W)	Power	4470
Compressor	Type	Hermetic Scroll	
Fan Motor	OTY	2	
	Power(W)	60×2	
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	1125×385×1250		
Weight (kg)	80		
Air Cooler Matching	Model	CM-C403D06	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
	Weight (kg)	69	

Model: CM-GAL080QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	17740
		-15	15320
		-20	13090
		-25	11080
		-30	92700
	Normal Power(W)	Power	5520
Compressor	Type	Hermetic Scroll	
Fan Motor	OTY	2	
	Power(W)	450×2	
Pipe Connection(in)	Gas Line	1-1/8	
	Liquid Line	1/2"	
Dimensions(mm)	755×755×1100		
Weight (kg)	120		
Air Cooler Matching	Model	CM-C403F06	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
	Weight (kg)	79	

Model: CM-GAL100QYT

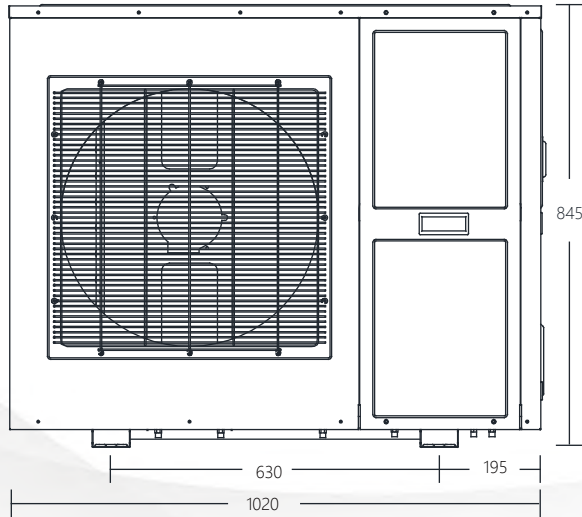
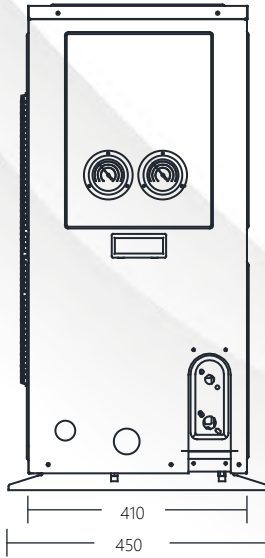
Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	20350
		-15	17580
		-20	15040
		-25	12710
		-30	10630
	Normal Power(W)	Power	6560
Compressor	Type	Hermetic Scroll	
Fan Motor	OTY	2	
	Power(W)	450×2	
Pipe Connection(in)	Gas Line	1-1/8	
	Liquid Line	1/2"	
Dimensions(mm)	755×755×1100		
Weight (kg)	160		
Air Cooler Matching	Model	CM-C404F06	
	Blower Motor	OTY	4
		Power(W)	135×4
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	2255×550×570
	Mounting Dimensions(mm)	C×E	450×2005
	Weight (kg)	100	

Noet:

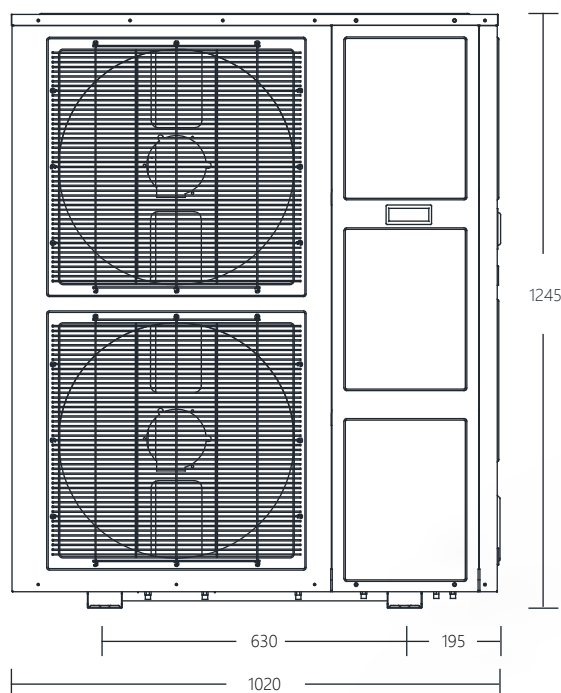
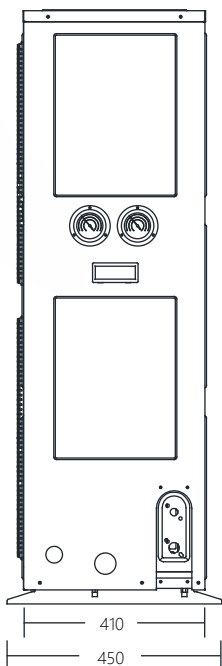
1. Normal Power: Condensing Temperature: 40°C, Evaporation Temperature: -25°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

**Model:
CM-GAM/GAL020-040**

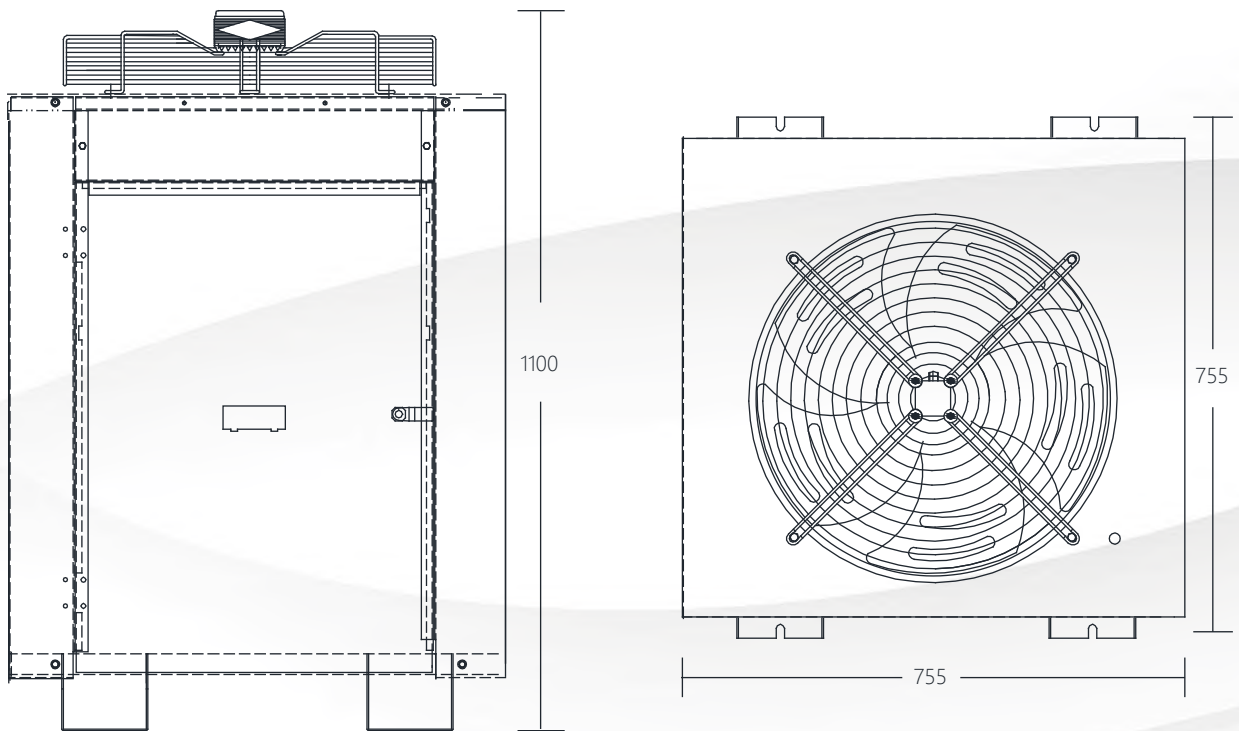


**Model:
CM-GAM/GAL050-070**



Dimension Figure

**Model :
CM-GAM/GAL080-10**





COLDMACH



6

Copeland Water Cooled Condensing Unit

TECHNICAL CHARACTERISTICS & ADVANTAGES

Small and beautiful shape, and then high-temperature electrostatic spraying treatment, long-term durability and low noise.

With internal thread and Bowen aluminum foil radiator, the heat exchange effect is improved by 20%.

Intelligent electronic control, with compressor exhaust temperature protection, phase sequence protection and high and low pressure protection functions.

Condensing air high efficiency finned tube group, high quality \varnothing 12mm copper tube and special shape fin are manufactured, cleaned and 30bars pressure tested.

White sprayed aluminum plate, high corrosion resistance, no pollution.

High quality external rotor fan is installed in the shell through shock absorption system.

Realize the maximum protection of the unit and compressor to ensure the stability of long-term operation of the compressor.

Stainless steel electric heating tube is sheathed with aluminum tube.

High & Medium Temp Parameter Table

Model: CM-GWM020QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	6300
		-5	5250
		-10	4350
		-15	3550
		-20	2900
	Normal Power(W)	Power	1230
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	3/4"
		Liquid Line	3/8"
Dimensions(mm)	900×318×671		
Rated Discharge	1.6		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	106		
Air Cooler Matching	Model	CM-C302C04	
	Blower Motor	OTY	2
		Power(W)	68×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1180×500×450
	Mounting Dimensions(mm)	F×E	390×930
	Weight (kg)	32	

Model: CM-GWM030QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	9050
		-5	7600
		-10	6350
		-15	5250
		-20	4300
	Normal Power(W)	Power	1770
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	3/4"
		Liquid Line	3/8"
Dimensions(mm)	900×318×671		
Rated Discharge	2.4		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	112		
Air Cooler Matching	Model	CM-C402C04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	F×E	450×1105
	Weight (kg)	47	

Model: CM-GWM040QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	12300
		-5	10300
		-10	8600
		-15	7100
		-20	5800
	Normal Power(W)	Power	2340
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
Dimensions(mm)	1050×395×741		
Rated Discharge	3.2		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	124		
Air Cooler Matching	Model	CM-C402D04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	F×E	450×1105
	Weight (kg)	50	

Model: CM-GWM050QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	15500
		-5	13000
		-10	10850
		-15	8950
		-20	7350
	Normal Power(W)	Power	2960
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
Dimensions(mm)	1050×395×741		
Rated Discharge	4.0		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	129		
Air Cooler Matching	Model	CM-C402F04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	F×E	450×1105
	Weight (kg)	57	

Noet:

- 1.Normal Power: Condensing Temperature: 30°C, Cold Room Temperature: -10°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

High & Medium Temp Parameter Table

Model: CM-GWM060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	18150
		-5	15250
		-10	12700
		-15	10500
		-20	8600
	Normal Power(W)	Power	3350
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
	Dimensions(mm)	1200×395×741	
	Rated Discharge	4.8	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	134		
Air Cooler Matching	Model	CM-C403D04	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	F×E	450×1645
	Weight (kg)	69	

Model: CM-GWM070QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	20000
		-5	16750
		-10	13950
		-15	11550
		-20	9450
	Normal Power(W)	Power	3680
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
	Dimensions(mm)	1200×395×741	
	Rated Discharge	5.6	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	134		
Air Cooler Matching	Model	CM-C403D04	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	F×E	450×1645
	Weight (kg)	69	

Model: CM-GWM080QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	23800
		-5	19950
		-10	16600
		-15	13650
		-20	11100
	Normal Power(W)	Power	4620
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
	Dimensions(mm)	1180×480×800	
	Rated Discharge	6.4	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN40		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	185		
Air Cooler Matching	Model	CM-C403F04	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	F×E	450×1645
	Weight (kg)	79	

Model: CM-GWM100QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	31700
		-5	26600
		-10	22150
		-15	18250
		-20	14900
	Normal Power(W)	Power	6030
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	1-1/8"
		Liquid Line	5/8"
	Dimensions(mm)	1230×480×809	
	Rated Discharge	8.0	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN40		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	208		
Air Cooler Matching	Model	CM-404F04	
	Blower Motor	OTY	4
		Power(W)	135×4
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	2255×550×570
	Mounting Dimensions(mm)	F×E	450×2005
	Weight (kg)	97	

Noet:

1. Normal Power: Condensing Temperature: 30°C, Cold Room Temperature: -10°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-GWL020QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Cold Room Temperature°C	-10	4410	
		-15	3590	
		-20	2910	
		-25	2350	
		-30	1910	
	Norminal Power(W)	Power	1350	
	Compressor	Type	Hermetic Scroll	
	Link specification	Gas Line	5/8"	
		Liquid Line	3/8"	
	Dimensions(mm)	900×318×681		
	Rated Discharge	1.6		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN32		
Lnlet / Outlet temperature °C	30°C/35°C			
Weight (kg)	76			
Air Cooler Matching	Model		CM-C302C06	
	Blower Motor	OTY	2	
		Power(W)	68×2	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1180×500×450	
	Mounting Dimensions(mm)	F×E	390×930	
	Weight (kg)	31		

Model: CM-GWL030QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Cold Room Temperature°C	-10	6090	
		-15	5060	
		-20	4180	
		-25	3410	
		-30	2740	
	Norminal Power(W)	Power	1630	
	Compressor	Type	Hermetic Scroll	
	Link specification	Gas Line	5/8"	
		Liquid Line	3/8"	
	Dimensions(mm)	900×318×681		
	Rated Discharge	2.4		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN32		
Lnlet / Outlet temperature °C	30°C/35°C			
Weight (kg)	82.5			
Air Cooler Matching	Model		CM-C302F06	
	Blower Motor	OTY	2	
		Power(W)	68×2	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1180×500×450	
	Mounting Dimensions(mm)	F×E	390×930	
	Weight (kg)	36		

Model: CM-GWL040QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Cold Room Temperature°C	-10	9650	
		-15	7940	
		-20	6470	
		-25	5210	
		-30	4160	
	Norminal Power(W)	Power	2330	
	Compressor	Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"	
		Liquid Line	1/2"	
	Dimensions(mm)	1050×395×741		
	Rated Discharge	3.2		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN32		
Lnlet / Outlet temperature °C	30°C/35°C			
Weight (kg)	95			
Air Cooler Matching	Model		CM-C402D06	
	Blower Motor	OTY	2	
		Power(W)	135×2	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1355×550×570	
	Mounting Dimensions(mm)	F×E	450×1105	
	Weight (kg)	50		

Model: CM-GWL050QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Cold Room Temperature°C	-10	10560	
		-15	8720	
		-20	7150	
		-25	5800	
		-30	4580	
	Norminal Power(W)	Power	2440	
	Compressor	Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"	
		Liquid Line	1/2"	
	Dimensions(mm)	1050×395×741		
	Rated Discharge	4.0		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN32		
Lnlet / Outlet temperature °C	30°C/35°C			
Weight (kg)	118			
Air Cooler Matching	Model		CM-C402F06	
	Blower Motor	OTY	2	
		Power(W)	135×2	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1355×550×570	
	Mounting Dimensions(mm)	F×E	450×1105	
	Weight (kg)	56		

Noet:

- 1.Norminal Power: Condensing Temperature: 30°C, Cold Room Temperature: -25°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-GWL060QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-10	13030		
		-15	10790		
		-20	8860		
		-25	7220		
		-30	5840		
	Nominal Power(W)		Power	3270	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
	Dimensions(mm)		1200×395×728		
	Rated Discharge		4.8		
	Current Pressure		2-6		
	Specification of water inlet and outlet		DN32		
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		123			
Air Cooler Matching	Model		CM-C403D06		
	Blower Motor	OTY	3		
		Power(W)	135×3		
	Fin Pitch(mm)		6		
	Dimensions(mm)		L×W×H	1895×550×570	
	Mounting Dimensions(mm)		F×E	450×1645	
	Weight (kg)		69		

Model: CM-GWL070QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-10	15200		
		-15	12910		
		-20	10900		
		-25	9140		
		-30	7610		
	Nominal Power(W)		Power	3700	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
	Dimensions(mm)		1040×600×750		
	Rated Discharge		4.8		
	Current Pressure		2-6		
	Specification of water inlet and outlet		DN32		
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		126.2			
Air Cooler Matching	Model		CM-C403E06		
	Blower Motor	OTY	3		
		Power(W)	135×3		
	Fin Pitch(mm)		6		
	Dimensions(mm)		L×W×H	1895×550×570	
	Mounting Dimensions(mm)		F×E	450×1645	
	Weight (kg)		74		

Model: CM-GWL080QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-10	18730		
		-15	16200		
		-20	13850		
		-25	11700		
		-30	9760		
	Nominal Power(W)		Power	4520	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
	Dimensions(mm)		1040×600×750		
	Rated Discharge		6.4		
	Current Pressure		2-6		
	Specification of water inlet and outlet		DN40		
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		126.2			
Air Cooler Matching	Model		CM-C404F06		
	Blower Motor	OTY	4		
		Power(W)	135×4		
	Fin Pitch(mm)		6		
	Dimensions(mm)		L×W×H	2255×550×570	
	Mounting Dimensions(mm)		F×E	450×2005	
	Weight (kg)		100		

Model: CM-GWL100QYT

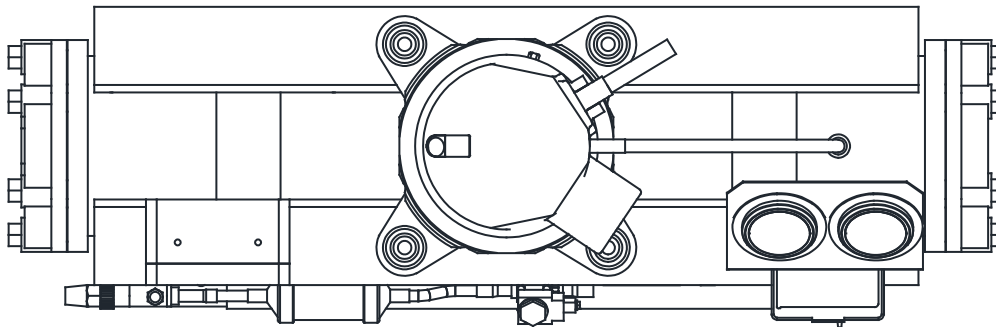
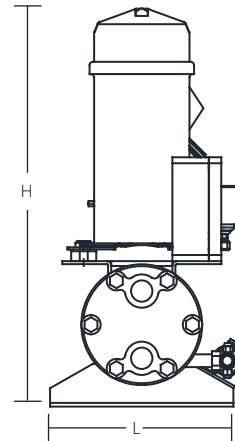
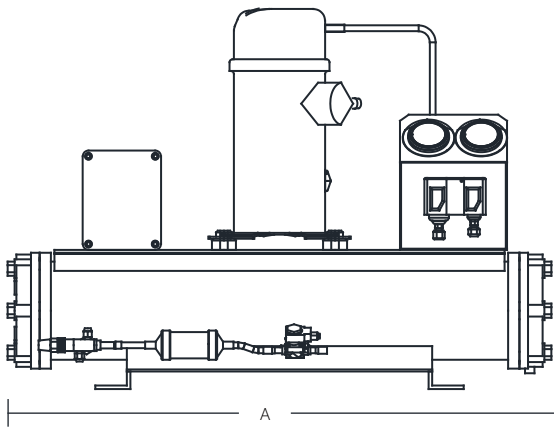
Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	-10	21490		
		-15	18580		
		-20	15890		
		-25	13430		
		-30	11190		
	Nominal Power(W)		Power	5380	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	5/8"		
	Dimensions(mm)		1180×600×780		
	Rated Discharge		6.4		
	Current Pressure		2-6		
	Specification of water inlet and outlet		DN40		
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		131.8			
Air Cooler Matching	Model		CM-I503F10		
	Blower Motor	OTY	3		
		Power(W)	820×3		
	Fin Pitch(mm)		10		
	Dimensions(mm)		L×W×H	2770×700×850	
	Mounting Dimensions(mm)		F×E	590×2427	
	Weight (kg)		248		

Note:

1. Nominal Power: Condensing Temperature: 30°C, Cold Room Temperature: -25°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail data please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

**Model:
CM-GWM 020-100**



CM-GWM020QYT				
A	L	H	Gas Line	Liquid Line
900	318	671	3/4"	3/8"

CM-GWM040QYT				
A	L	H	Gas Line	Liquid Line
1050	395	741	7/8"	1/2"

CM-GWM060QYT				
A	L	H	Gas Line	Liquid Line
1200	395	741	7/8"	1/2"

CM-GWM080QYT				
A	L	H	Gas Line	Liquid Line
1180	480	800	7/8"	1/2"

CM-GWM030QYT				
A	L	H	Gas Line	Liquid Line
900	318	671	3/4"	3/8"

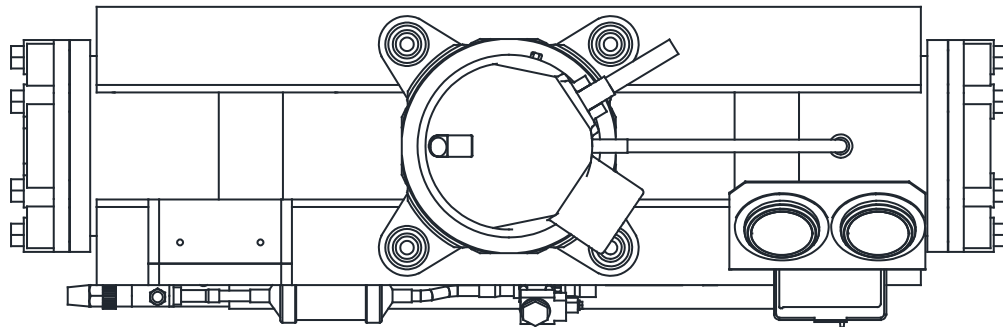
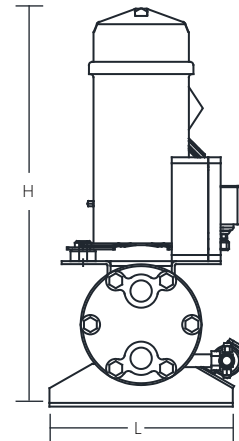
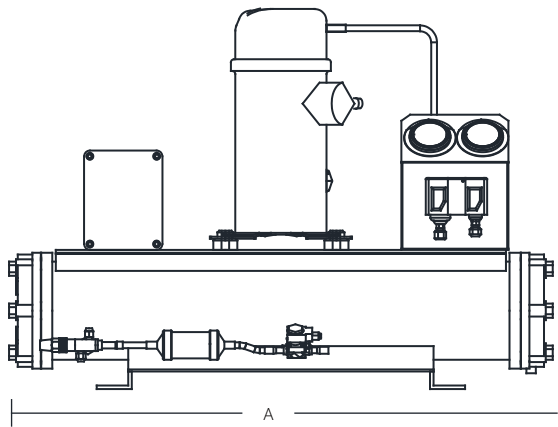
CM-GWM050QYT				
A	L	H	Gas Line	Liquid Line
1050	395	741	7/8"	1/2"

CM-GWM070QYT				
A	L	H	Gas Line	Liquid Line
1200	395	741	7/8"	1/2"

CM-GWM100QYT				
A	L	H	Gas Line	Liquid Line
1230	480	809	1-1/8"	5/8"

Dimension Figure

**Model:
CM-GWL 020-100**



CM-GWL020QYT				
A	L	H	Gas Line	Liquid Line
900	318	681	5/8"	3/8"

CM-GWL040QYT				
A	L	H	Gas Line	Liquid Line
1050	395	741	7/8"	1/2"

CM-GWL060QYT				
A	L	H	Gas Line	Liquid Line
1200	395	728	7/8"	1/2"

CM-GWL080QYT				
A	L	H	Gas Line	Liquid Line
1040	600	750	7/8"	1/2"

CM-GWL030QYT				
A	L	H	Gas Line	Liquid Line
900	318	681	5/8"	3/8"

CM-GWL050QYT				
A	L	H	Gas Line	Liquid Line
1050	395	741	7/8"	1/2"

CM-GWL070QYT				
A	L	H	Gas Line	Liquid Line
1040	600	750	7/8"	1/2"

CM-GWL100QYT				
A	L	H	Gas Line	Liquid Line
1180	600	780	7/8"	5/8"

Two stacked outdoor air conditioning units, each with a large circular fan grille. A white metal railing is visible in the foreground, partially obscuring the units. The background shows a concrete wall and a window.

COLDMACH



7

Danfoss Air Cooled Condensing Unit

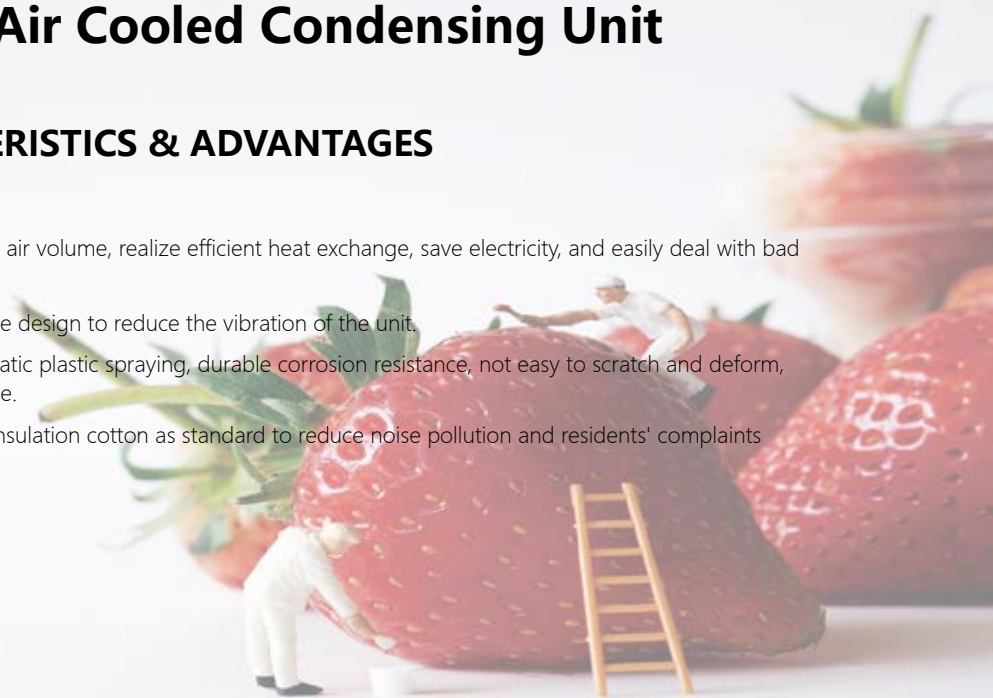
TECHNICAL CHARACTERISTICS & ADVANTAGES

Increase the heat dissipation area and fan air volume, realize efficient heat exchange, save electricity, and easily deal with bad working conditions in summer.

Thickened sheet metal and flexible pipeline design to reduce the vibration of the unit.

Anticorrosive galvanized sheet + electrostatic plastic spraying, durable corrosion resistance, not easy to scratch and deform, and prolong the service life of cold storage.

The compressor is equipped with sound insulation cotton as standard to reduce noise pollution and residents' complaints during operation.



High & Medium Temp Parameter Table

Model: CM-FAM020QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Evaporation Temperature°C	0	5300	
		-5	4400	
		-10	3700	
		-15	3000	
		-20	2400	
	Norminal Power(W)	Power	1500	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	60	
Pipe Connection(in)	Gas Line	5/8"		
	Liquid Line	3/8"		
Dimensions(mm)	1020×450×845			
Weight (kg)	76			
Air Cooler Matching	Model			
	Blower Motor	OTY	1	
		Power(W)	68	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	730×500×450	
	Mounting Dimensions(mm)	C×E	390×477	
	Weight (kg)	20		

Model: CM-FAM030QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Evaporation Temperature°C	0	7300	
		-5	6200	
		-10	5100	
		-15	4300	
		-20	3500	
	Norminal Power(W)	Power	2000	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	60	
Pipe Connection(in)	Gas Line	5/8"		
	Liquid Line	3/8"		
Dimensions(mm)	1020×450×845			
Weight (kg)	82.5			
Air Cooler Matching	Model			
	Blower Motor	OTY	2	
		Power(W)	68×2	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	1180×500×450	
	Mounting Dimensions(mm)	C×E	390×930	
	Weight (kg)	32		

Model: CM-FAM040QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Evaporation Temperature°C	0	11100	
		-5	9300	
		-10	7700	
		-15	6300	
		-20	5100	
	Norminal Power(W)	Power	3000	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	60	
Pipe Connection(in)	Gas Line	5/8"		
	Liquid Line	3/8"		
Dimensions(mm)	1020×450×845			
Weight (kg)	95			
Air Cooler Matching	Model			
	Blower Motor	OTY	2	
		Power(W)	68×2	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	1180×500×450	
	Mounting Dimensions(mm)	C×E	390×930	
	Weight (kg)	38		

Model: CM-FAM050QYT

Condensing Unit	Power Supply		380V/3N/50Hz	
	Evaporation Temperature°C	0	13200	
		-5	11000	
		-10	9200	
		-15	7600	
		-20	6200	
	Norminal Power(W)	Power	3400	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	60×2	
Pipe Connection(in)	Gas Line	3/4"		
	Liquid Line	1/2"		
Dimensions(mm)	1020×450×1245			
Weight (kg)	118			
Air Cooler Matching	Model			
	Blower Motor	OTY	2	
		Power(W)	135×2	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	1355×550×570	
	Mounting Dimensions(mm)	C×E	450×1105	
	Weight (kg)	47		

Noet:

- 1.Nominal Power: Condensing Temperature: 40°C, Evaporation Temperature: -10°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

High & Medium Temp Parameter Table

Model: CM-FAM060QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	15900
		-5	13300
		-10	11100
		-15	9100
		-20	7500
	Normal Power(W)	Power	4300
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60×2
Pipe Connection(in)	Gas Line	3/4"	
	Liquid Line	1/2"	
Dimensions(mm)	1020×450×1245		
Weight (kg)	123		
Air Cooler Matching	Model	CM-C402D04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
Weight (kg)	50		

Model: CM-FAM070QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	17300
		-5	14500
		-10	12100
		-15	10000
		-20	8200
	Normal Power(W)	Power	4600
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60×2
Pipe Connection(in)	Gas Line	7/8"	
	Liquid Line	1/2"	
Dimensions(mm)	1020×450×1245		
Weight (kg)	153		
Air Cooler Matching	Model	CM-C402F04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
Weight (kg)	57		

Model: CM-FAM080QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	20500
		-5	17200
		-10	14200
		-15	11600
		-20	9300
	Normal Power(W)	Power	5400
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	450×2
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	5/8"	
Dimensions(mm)	1359×750×1045		
Weight (kg)	172		
Air Cooler Matching	Model	CM-C402F04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
Weight (kg)	57		

Model: CM-FAM090QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	23900
		-5	19900
		-10	16400
		-15	13400
		-20	10800
	Normal Power(W)	Power	6200
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	450×2
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	5/8"	
Dimensions(mm)	1359×750×1045		
Weight (kg)	178		
Air Cooler Matching	Model	CM-C403D04	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
Weight (kg)	69		

Noet:

1. Normal Power: Condensing Temperature: 40°C, Evaporation Temperature: -10°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail data please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

High & Medium Temp Parameter Table

Model: CM-FAM100QYT

	Power Supply	380V/3N/50Hz	
Condensing Unit	Evaporation Temperature°C	0	27200
		-5	22900
		-10	19100
		-15	15900
		-20	13100
	Norminal Power(W)	Power	7200
	Compressor	Type	Hermetic Scroll
	Fan Motor	QTY	2
		Power(W)	450×2
	Pipe Connection(in)	Gas Line	1-1/8"
		Liquid Line	5/8"
	Dimensions(mm)	1359×750×1045	
	Weight (kg)	181	
Air Cooler Matching	Model	CM-C403E04	
	Blower Motor	QTY	3
		Power(W)	135×3
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
	Weight (kg)	74	

Noet:

- 1.Norminal Power: Condensing Temperature: 40°C, Evaporation Temperature: -10°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-FAL020QYT

	Power Supply	380V/3N/50Hz	
Condensing Unit	Evaporation Temperature°C	-5	4400
		-10	3700
		-15	3000
		-20	2400
		-25	1900
	Normal Power(W)	Power	1600
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	60
	Pipe Connection(in)	Gas Line	5/8"
		Liquid Line	3/8"
	Dimensions(mm)	1020×450×845	
	Weight (kg)	76	
Air Cooler Matching	Model	CM-C301C06	
	Blower Motor	OTY	1
		Power(W)	68
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	730×500×450
	Mounting Dimensions(mm)	C×E	390×477
Weight (kg)	17		

Model: CM-FAL030QYT

	Power Supply	380V/3N/50Hz	
Condensing Unit	Evaporation Temperature°C	-5	6200
		-10	5100
		-15	4300
		-20	3500
		-25	2800
	Normal Power(W)	Power	2000
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	60
	Pipe Connection(in)	Gas Line	5/8"
		Liquid Line	3/8"
	Dimensions(mm)	1020×450×845	
	Weight (kg)	82.5	
Air Cooler Matching	Model	CM-C302C06	
	Blower Motor	OTY	2
		Power(W)	68×2
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1180×500×450
	Mounting Dimensions(mm)	C×E	390×930
Weight (kg)	31		

Model: CM-FAL040QYT

	Power Supply	380V/3N/50Hz	
Condensing Unit	Evaporation Temperature°C	-5	9300
		-10	7700
		-15	6300
		-20	5100
		-25	4100
	Normal Power(W)	Power	3000
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	60
	Pipe Connection(in)	Gas Line	3/4"
		Liquid Line	3/8"
	Dimensions(mm)	1020×450×845	
	Weight (kg)	95	
Air Cooler Matching	Model	CM-C302D06	
	Blower Motor	OTY	2
		Power(W)	68×2
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1180×500×450
	Mounting Dimensions(mm)	C×E	390×930
Weight (kg)	34		

Model: CM-FAL050QYT

	Power Supply	380V/3N/50Hz	
Condensing Unit	Evaporation Temperature°C	-5	11000
		-10	9200
		-15	7600
		-20	6200
		-25	5000
	Normal Power(W)	Power	3500
	Compressor	Type	Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	60×2
	Pipe Connection(in)	Gas Line	3/4"
		Liquid Line	1/2"
	Dimensions(mm)	1020×450×1245	
	Weight (kg)	118	
Air Cooler Matching	Model	CM-C402C06	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
Weight (kg)	47		

Noet:

- 1.Nominal Power: Condensing Temperature: 40°C, Evaporation Temperature: -25°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-FAL060QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-5	13300		
	-10	11100		
	-15	9100		
	-20	7500		
	-25	6100		
Condensing Unit	Norminal Power(W)	Power	4300	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	60×2	
	Pipe Connection(in)	Gas Line	3/4"	
		Liquid Line	1/2"	
	Dimensions(mm)	1020×450×1245		
Weight (kg)	123			
Air Cooler Matching	Model	CM-C402D06		
	Blower Motor	OTY	2	
		Power(W)	135×2	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1355×550×570	
	Mounting Dimensions(mm)	C×E	450×1105	
	Weight (kg)	50		

Model: CM-FAL070QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-5	14500		
	-10	12100		
	-15	10000		
	-20	8200		
	-25	6600		
Condensing Unit	Norminal Power(W)	Power	4600	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	60×2	
	Pipe Connection(in)	Gas Line	7/8"	
		Liquid Line	1/2"	
	Dimensions(mm)	1020×450×1245		
Weight (kg)	153			
Air Cooler Matching	Model	CM-C402F06		
	Blower Motor	OTY	2	
		Power(W)	135×2	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1355×550×570	
	Mounting Dimensions(mm)	C×E	450×1105	
	Weight (kg)	56		

Model: CM-FAL080QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-5	17200		
	-10	14200		
	-15	11600		
	-20	9300		
	-25	7200		
Condensing Unit	Norminal Power(W)	Power	5300	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	450×2	
	Pipe Connection(in)	Gas Line	1-1/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1359×750×1045		
Weight (kg)	172			
Air Cooler Matching	Model	CM-C402F06		
	Blower Motor	OTY	2	
		Power(W)	135×2	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1355×550×570	
	Mounting Dimensions(mm)	C×E	450×1105	
	Weight (kg)	56		

Model: CM-FAL090QYT

Power Supply		380V/3N/50Hz		
Evaporation Temperature°C	-5	19900		
	-10	16400		
	-15	13400		
	-20	10800		
	-25	8500		
Condensing Unit	Norminal Power(W)	Power	6200	
	Compressor	Type	Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	450×2	
	Pipe Connection(in)	Gas Line	1-1/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1359×750×1045		
Weight (kg)	178			
Air Cooler Matching	Model	CM-C403D06		
	Blower Motor	OTY	3	
		Power(W)	135×3	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1895×550×570	
	Mounting Dimensions(mm)	C×E	450×1645	
	Weight (kg)	69		

Low Temp Parameter Table

Model: CM-FAL100QYT

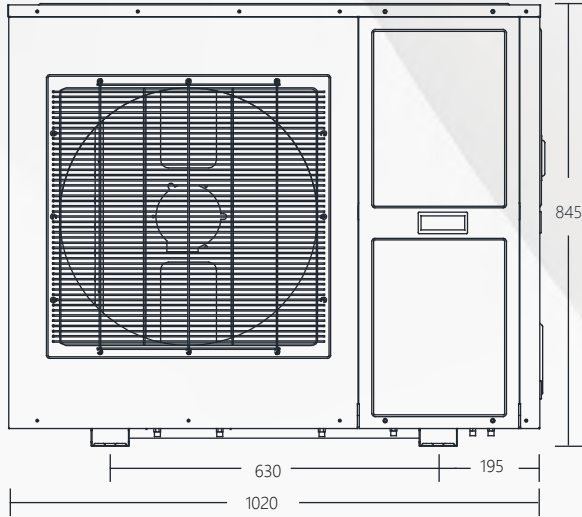
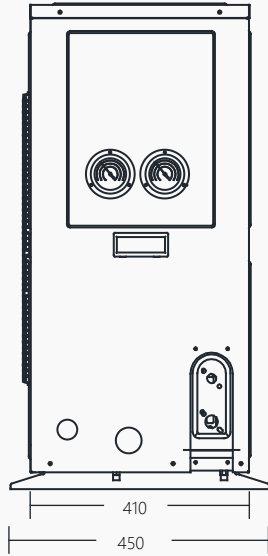
	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C		-5
			-10
			-15
			-20
			-25
Condensing Unit	Normal Power(W)	Power	7000
	Compressor	Type	Hermetic Scroll
	Fan Motor	QTY	2
		Power(W)	450×2
	Pipe Connection(in)	Gas Line	1-1/8"
		Liquid Line	5/8"
	Dimensions(mm)	1359×750×1045	
Weight (kg)	172		
Air Cooler Matching	Model	CM-C403E06	
	Blower Motor	QTY	3
		Power(W)	135×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
	Weight (kg)	74	

Noet:

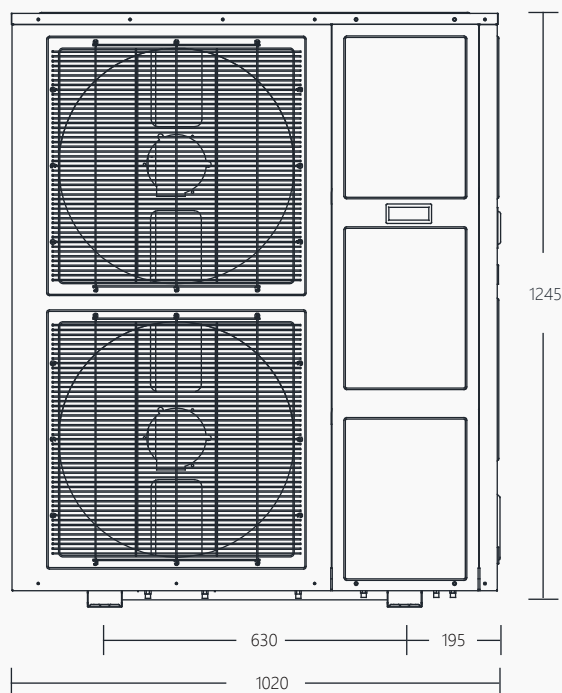
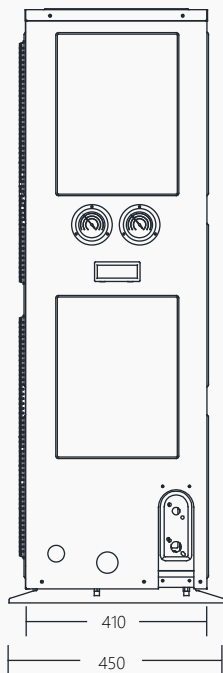
- 1.Normal Power: Condensing Temperature: 40°C, Evaporation Temperature: -25°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

**Model:
CM-FAM/FAL020-040**

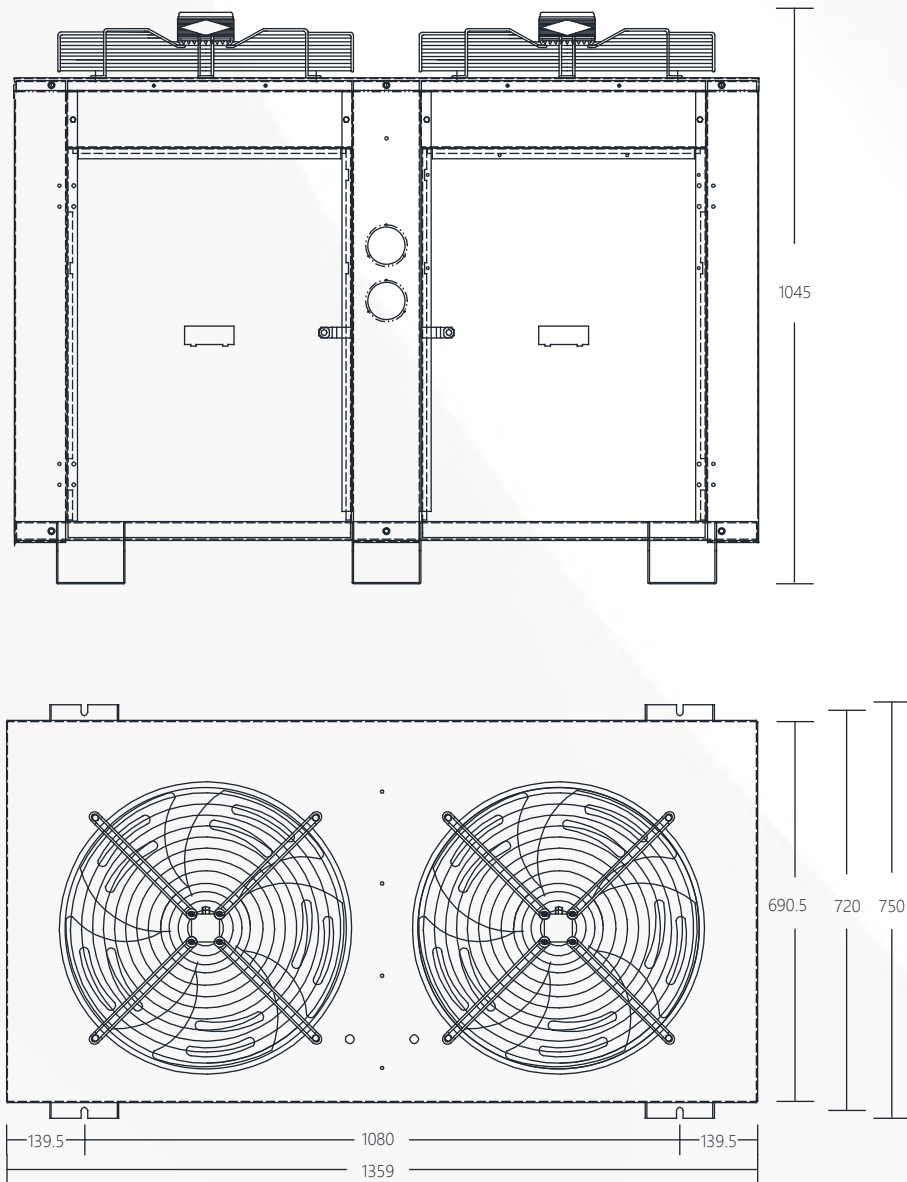


**Model:
CM-FAM/FAL050-070**



Dimension Figure

**Model:
CM-GAM/GAL080-10**





COLDMACH



8

Danfoss Water Cooled Condensing Unit

TECHNICAL CHARACTERISTICS & ADVANTAGES

Increase the heat dissipation area and fan air volume to achieve efficient heat exchange, save electricity costs, and easily deal with bad conditions in summer.

Thickened sheet metal, flexible pipeline design, reduce unit vibration.

Anti corrosion galvanized sheet + electrostatic spraying, durable corrosion resistance, not easy to scratch and deform, and prolong the service life of the cold storage.

The compressor is equipped with sound insulation cotton as standard to reduce noise pollution and residents' complaints during operation.

High & Medium Temp Parameter Table

Model: CM-FWM020QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	6300		
		-5	5250		
		-10	4350		
		-15	3550		
		-20	2900		
	Nominal Power(W)		Power	1200	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	3/4"		
		Liquid Line	3/8"		
Dimensions(mm)		900×318×650			
Rated Discharge		1.6			
Current Pressure		2-6			
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		106			
Air Cooler Matching	Model		CM-C301D04		
	Blower Motor	OTY	1		
		Power(W)	68		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	730×500×450	
	Mounting Dimensions(mm)		F×E	390×477	
	Weight (kg)		20		

Model: CM-FWM030QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	8500		
		-5	7100		
		-10	5900		
		-15	4900		
		-20	4000		
	Nominal Power(W)		Power	1600	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	3/4"		
		Liquid Line	3/8"		
Dimensions(mm)		900×318×650			
Rated Discharge		2.4			
Current Pressure		2-6			
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		112			
Air Cooler Matching	Model		CM-C302C04		
	Blower Motor	OTY	2		
		Power(W)	68×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1180×450×500	
	Mounting Dimensions(mm)		F×E	390×930	
	Weight (kg)		32		

Model: CM-FWM040QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	12700		
		-5	10600		
		-10	8800		
		-15	7300		
		-20	6000		
	Nominal Power(W)		Power	2400	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
Dimensions(mm)		1050×395×728			
Rated Discharge		3.2			
Current Pressure		2-6			
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		124			
Air Cooler Matching	Model		CM-C302F04		
	Blower Motor	OTY	2		
		Power(W)	68×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1180×500×450	
	Mounting Dimensions(mm)		F×E	390×930	
	Weight (kg)		38		

Model: CM-FWM050QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	15000		
		-5	12600		
		-10	10500		
		-15	8700		
		-20	7200		
	Nominal Power(W)		Power	2700	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
Dimensions(mm)		1050×395×734			
Rated Discharge		4.0			
Current Pressure		2-6			
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		129			
Air Cooler Matching	Model		CM-C402C04		
	Blower Motor	OTY	2		
		Power(W)	135×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		F×E	450×1105	
	Weight (kg)		47		

Noet:

- 1.Nominal Power: Condensing Temperature: 30°C, Evaporation Temperature: -10°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

High & Medium Temp Parameter Table

Model: CM-FWM060QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	18300		
		-5	15400		
		-10	12800		
		-15	10600		
		-20	8600		
	Nominal Power(W)		Power	3500	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
	Dimensions(mm)		1200×395×734		
	Rated Discharge		4.8		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		134			
Air Cooler Matching	Model		CM-C402D04		
	Blower Motor	OTY	2		
		Power(W)	135×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		F×E	450×1105	
	Weight (kg)		50		

Model: CM-FWM080QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	23500		
		-5	19800		
		-10	16400		
		-15	13500		
		-20	10900		
	Nominal Power(W)		Power	4400	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	1-1/8"		
		Liquid Line	5/8"		
	Dimensions(mm)		1180×480×800		
	Rated Discharge		6.4		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		185			
Air Cooler Matching	Model		CM-C402F04		
	Blower Motor	OTY	2		
		Power(W)	135×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		F×E	450×1105	
	Weight (kg)		57		

Model: CM-FWM070QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	19900		
		-5	16700		
		-10	13900		
		-15	11500		
		-20	9400		
	Nominal Power(W)		Power	3700	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
	Dimensions(mm)		1200×395×734		
	Rated Discharge		5.6		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		134			
Air Cooler Matching	Model		CM-C402F04		
	Blower Motor	OTY	2		
		Power(W)	135×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		F×E	450×1105	
	Weight (kg)		57		

Model: CM-FWM100QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	31900		
		-5	26800		
		-10	22400		
		-15	18500		
		-20	15200		
	Nominal Power(W)		Power	5800	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line	1-1/8"		
		Liquid Line	5/8"		
	Dimensions(mm)		1230×480×809		
	Rated Discharge		8.0		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		187			
Air Cooler Matching	Model		CM-C403F04		
	Blower Motor	OTY	3		
		Power(W)	135×3		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1895×550×570	
	Mounting Dimensions(mm)		F×E	450×1645	
	Weight (kg)		79		

Noet:

- 1.Nominal Power: Condensing Temperature: 30°C, Evaporation Temperature: -10°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-FWL020QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	5200
		-5	4300
		-10	3500
		-15	2900
		-20	2300
	Normal Power(W)	Power	1300
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	3/4"
		Liquid Line	3/8"
Dimensions(mm)	900×318×650		
Rated Discharge	1.6		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	106		
Air Cooler Matching	Model	CM-C301C06	
	Blower Motor	OTY	1
		Power(W)	68
	Fin Pitch(mm)	9	
	Dimensions(mm)	L×W×H	730×500×450
	Mounting Dimensions(mm)	F×E	390×477
	Weight (kg)	17	

Model: CM-FWL030QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	7100
		-5	5900
		-10	4900
		-15	4000
		-20	3200
	Normal Power(W)	Power	1600
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	3/4"
		Liquid Line	3/8"
Dimensions(mm)	900×318×650		
Rated Discharge	2.4		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	112		
Air Cooler Matching	Model	CM-C302C06	
	Blower Motor	OTY	2
		Power(W)	68×2
	Fin Pitch(mm)	9	
	Dimensions(mm)	L×W×H	1180×500×450
	Mounting Dimensions(mm)	F×E	390×930
	Weight (kg)	31	

Model: CM-FWL040QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	10600
		-5	8800
		-10	7300
		-15	6000
		-20	4800
	Normal Power(W)	Power	2300
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
Dimensions(mm)	1050×395×728		
Rated Discharge	3.2		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	124		
Air Cooler Matching	Model	CM-C401F06	
	Blower Motor	OTY	1
		Power(W)	135
	Fin Pitch(mm)	9	
	Dimensions(mm)	L×W×H	815×550×570
	Mounting Dimensions(mm)	F×E	450×565
	Weight (kg)	35	

Model: CM-FWL050QYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	0	12600
		-5	10500
		-10	8700
		-15	7200
		-20	5800
	Normal Power(W)	Power	2700
	Compressor	Type	Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
Dimensions(mm)	1050×395×734		
Rated Discharge	4.0		
Current Pressure	2-6		
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	129		
Air Cooler Matching	Model	CM-C402C06	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	9	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	F×E	450×1105
	Weight (kg)	47	

Noet:

- 1.Nominal Power: Condensing Temperature: 30°C, Evaporation Temperature: -25°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-FWL060QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	15400		
		-5	12800		
		-10	10600		
		-15	8600		
		-20	7000		
	Normal Power(W)		Power	3400	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line		7/8"	
		Liquid Line		1/2"	
	Dimensions(mm)		1200×395×734		
	Rated Discharge		4.8		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		134			
Air Cooler Matching	Model		CM-C402D06		
	Blower Motor	OTY	2		
		Power(W)	135×2		
	Fin Pitch(mm)		6		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		F×E	450×1105	
	Weight (kg)		50		

Model: CM-FWL070QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	16700		
		-5	13900		
		-10	11500		
		-15	9400		
		-20	7600		
	Normal Power(W)		Power	3700	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line		7/8"	
		Liquid Line		1/2"	
	Dimensions(mm)		1200×395×734		
	Rated Discharge		4.8		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		134			
Air Cooler Matching	Model		CM-C402F06		
	Blower Motor	OTY	2		
		Power(W)	135×2		
	Fin Pitch(mm)		6		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		F×E	450×1105	
	Weight (kg)		56		

Model: CM-FWL080QYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	19800		
		-5	16400		
		-10	13500		
		-15	10900		
		-20	8700		
	Normal Power(W)		Power	4200	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line		1-1/8"	
		Liquid Line		5/8"	
	Dimensions(mm)		1180×480×800		
	Rated Discharge		6.4		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		185			
Air Cooler Matching	Model		CM-C402F06		
	Blower Motor	OTY	2		
		Power(W)	135×2		
	Fin Pitch(mm)		6		
	Dimensions(mm)		L×W×H	1355×550×570	
	Mounting Dimensions(mm)		F×E	450×1105	
	Weight (kg)		56		

Model: CM-FWL100QYT

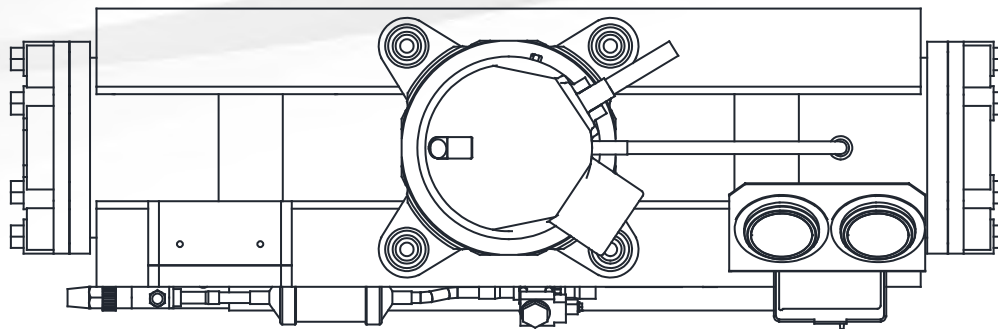
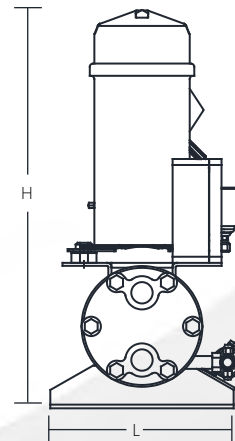
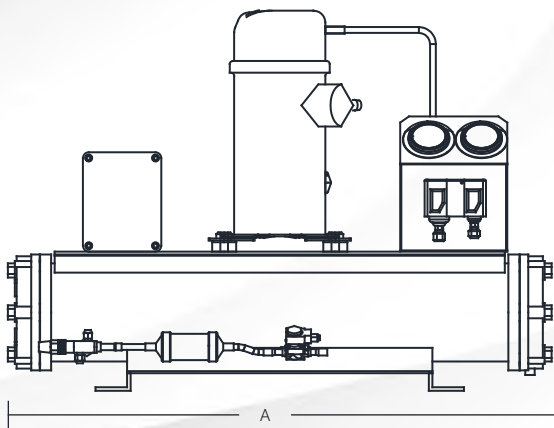
Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	26800		
		-5	22400		
		-10	18500		
		-15	15200		
		-20	12200		
	Normal Power(W)		Power	5700	
	Compressor		Type	Hermetic Scroll	
	Link specification	Gas Line		1-1/8"	
		Liquid Line		5/8"	
	Dimensions(mm)		1230×480×809		
	Rated Discharge		6.4		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		187			
Air Cooler Matching	Model		CM-C403F06		
	Blower Motor	OTY	3		
		Power(W)	135×3		
	Fin Pitch(mm)		6		
	Dimensions(mm)		L×W×H	1895×550×570	
	Mounting Dimensions(mm)		F×E	450×1645	
	Weight (kg)		79		

Noet:

1. Norminal Power: Condensing Temperature: 30°C, Evaporation Temperature: -25°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

Model: CM-FWM 020-100



CM-FWM020QYT				
A	L	H	Gas Line	Liquid Line
900	318	650	3/4"	3/8"

CM-FWM040QYT				
A	L	H	Gas Line	Liquid Line
1050	395	728	7/8"	1/2"

CM-FWM060QYT				
A	L	H	Gas Line	Liquid Line
1200	395	734	7/8"	1/2"

CM-FWM080QYT				
A	L	H	Gas Line	Liquid Line
1180	480	800	1-1/8"	5/8"

CM-FWM030QYT				
A	L	H	Gas Line	Liquid Line
900	318	650	3/4"	3/8"

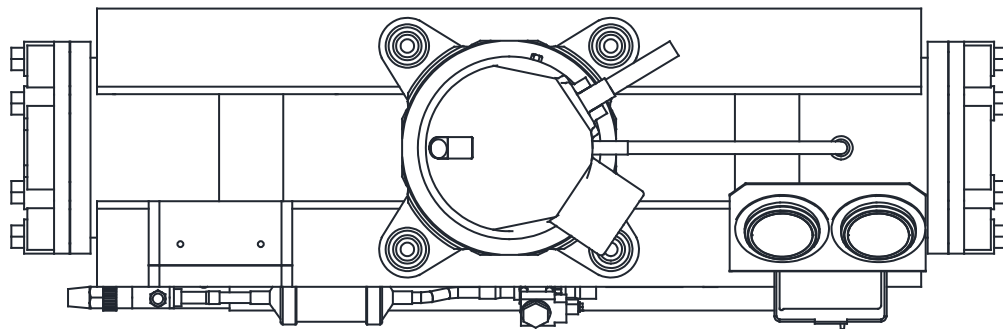
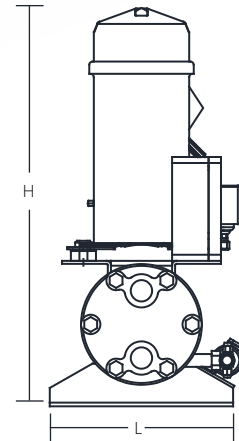
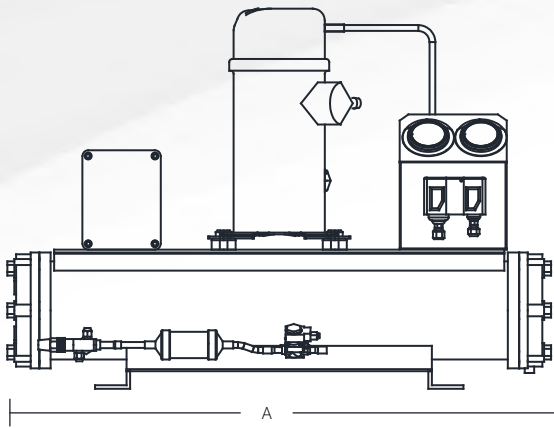
CM-FWM050QYT				
A	L	H	Gas Line	Liquid Line
1050	395	734	7/8"	1/2"

CM-FWM070QYT				
A	L	H	Gas Line	Liquid Line
1200	395	734	7/8"	1/2"

CM-FWM100QYT				
A	L	H	Gas Line	Liquid Line
1230	480	809	1-1/8"	5/8"

Dimension Figure

Model :
CM-FWL 020-100



CM-FWL020QYT				
A	L	H	Gas Line	Liquid Line
900	318	650	3/4"	3/8"

CM-FWL040QYT				
A	L	H	Gas Line	Liquid Line
1050	395	728	7/8"	1/2"

CM-FWL060QYT				
A	L	H	Gas Line	Liquid Line
1200	395	734	7/8"	1/2"

CM-FWL080QYT				
A	L	H	Gas Line	Liquid Line
1180	480	800	1-1/8"	5/8"

CM-FWL030QYT				
A	L	H	Gas Line	Liquid Line
900	318	650	3/4"	3/8"

CM-FWL050QYT				
A	L	H	Gas Line	Liquid Line
1050	395	734	7/8"	1/2"

CM-FWL070QYT				
A	L	H	Gas Line	Liquid Line
1200	395	734	7/8"	1/2"

CM-FWL100QYT				
A	L	H	Gas Line	Liquid Line
1230	480	809	1-1/8"	5/8"



COLDMACH



9

Bitzer Unit Air Cooling

TECHNICAL CHARACTERISTICS & ADVANTAGES

It is equipped with oil separator, high and low pressure control, solenoid valve, drying filter, high and low pressure meter, large volume liquid reservoir and high-performance condenser.

Compact structure, can be equipped with protective cover, solid, durable and beautiful.

The reasonable air suction device can fully cool the cylinder head of the compressor.

The cooling air unit is equipped with efficient W-type internally threaded pipes according to different working conditions, so as to improve the heat transfer coefficient and reduce the model size.

The compressor units above bfbv20 56h (y) adopt split coil motor, with small starting current.

The motor adopts electronic module protection device or advanced thermal protection device to control the temperature of the motor.

Compressor units above bfbv20 84.5h (y) are equipped with oil pressure differential protection to ensure a good lubrication system, and are equipped with automatic high-pressure release valve protection device.

The crankcase heater prevents liquid hammer and controls the pressure of the high and low pressure system to ensure the normal use of the unit.



High & Medium Temp Parameter Table

Model: CM-BAM020BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	5060
		-5	4190
		-10	3420
		-15	2760
		-20	2190
	Normal Power(W)	Power	1470
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	5/8"	
	Liquid Line	3/8"	
Dimensions(mm)	720×750×725		
Weight (kg)	95		
Air Cooler Matching	Model	CM-C401C04	
	Blower Motor	OTY	1
		Power(W)	135
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	815×550×570
	Mounting Dimensions(mm)	C×E	450×565
	Weight (kg)	32	

Model: CM-BAM030BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	7160
		-5	5930
		-10	4860
		-15	3940
		-20	3130
	Normal Power(W)	Power	2100
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	7/8"	
	Liquid Line	1/2"	
Dimensions(mm)	890×850×815		
Weight (kg)	103		
Air Cooler Matching	Model	CM-C302D04	
	Blower Motor	OTY	2
		Power(W)	68×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1180×500×450
	Mounting Dimensions(mm)	C×E	390×930
	Weight (kg)	35	

Model: CM-BAM040BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	13550
		-5	11280
		-10	9310
		-15	7590
		-20	6110
	Normal Power(W)	Power	3590
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	7/8"	
	Liquid Line	1/2"	
Dimensions(mm)	890×850×815		
Weight (kg)	149		
Air Cooler Matching	Model	CM-C402D04	
	Blower Motor	OTY	2
		Power(W)	135×2
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
	Weight (kg)	50	

Model: CM-BAM050BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	0	14830
		-5	12260
		-10	10040
		-15	8140
		-20	6510
	Normal Power(W)	Power	3890
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	7/8"	
	Liquid Line	1/2"	
Dimensions(mm)	890×850×815		
Weight (kg)	185		
Air Cooler Matching	Model	CM-C303F04	
	Blower Motor	OTY	3
		Power(W)	68×3
	Fin Pitch(mm)	4	
	Dimensions(mm)	L×W×H	1355×550×570
	Mounting Dimensions(mm)	C×E	450×1105
	Weight (kg)	58	

Noet:

1. Normal Power: Condensing Temperature: 40°C, Evaporation Temperature: -10°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.



High & Medium Temp Parameter Table

Model: CM-BAM060BYT

	Power Supply	380V/3N/50Hz		
Condensing Unit	Evaporation Temperature°C	0	18650	
		-5	15390	
		-10	12590	
		-15	10180	
		-20	8120	
	Norminal Power(W)	Power	4900	
	Compressor	Type	Semi-Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	450	
	Pipe Connection(in)	Gas Line	1-1/8"	
		Liquid Line	1/2"	
	Dimensions(mm)	910×1070×1065		
	Weight (kg)	190		
Air Cooler Matching	Model	CM-C403D04		
	Blower Motor	OTY	3	
		Power(W)	135×3	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	1895×550×570	
	Mounting Dimensions(mm)	C×E	450×1645	
Weight (kg)	69			

Model: CM-BAM070BYT

	Power Supply	380V/3N/50Hz		
Condensing Unit	Evaporation Temperature°C	0	22400	
		-5	18540	
		-10	15190	
		-15	12320	
		-20	9870	
	Norminal Power(W)	Power	5850	
	Compressor	Type	Semi-Hermetic Scroll	
	Fan Motor	OTY	1	
		Power(W)	600	
	Pipe Connection(in)	Gas Line	1-1/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1000×1070×1065		
	Weight (kg)	202		
Air Cooler Matching	Model	CM-C403E04		
	Blower Motor	OTY	3	
		Power(W)	135×3	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	1895×550×570	
	Mounting Dimensions(mm)	C×E	450×1645	
Weight (kg)	74			

Model: CM-BAM090BYT

	Power Supply	380V/3N/50Hz		
Condensing Unit	Evaporation Temperature°C	0	27150	
		-5	22400	
		-10	18350	
		-15	14850	
		-20	11850	
	Norminal Power(W)	Power	7140	
	Compressor	Type	Semi-Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	450×2	
	Pipe Connection(in)	Gas Line	1-1/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1000×1070×1035		
	Weight (kg)	194		
Air Cooler Matching	Model	CM-C404E04		
	Blower Motor	OTY	4	
		Power(W)	135×4	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	2255×550×570	
	Mounting Dimensions(mm)	C×E	450×2005	
Weight (kg)	92			

Model: CM-BAM090BYT

	Power Supply	380V/3N/50Hz		
Condensing Unit	Evaporation Temperature°C	0	28800	
		-5	23650	
		-10	19180	
		-15	15350	
		-20	12100	
	Norminal Power(W)	Power	7720	
	Compressor	Type	Semi-Hermetic Scroll	
	Fan Motor	OTY	2	
		Power(W)	450×2	
	Pipe Connection(in)	Gas Line	1-1/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1280×1070×980		
	Weight (kg)	240		
Air Cooler Matching	Model	CM-C404F04		
	Blower Motor	OTY	4	
		Power(W)	135×4	
	Fin Pitch(mm)	4		
	Dimensions(mm)	L×W×H	2255×550×570	
	Mounting Dimensions(mm)	C×E	450×2005	
Weight (kg)	97			

Noet:

- 1.Norminal Power: Condensing Temperature: 40°C, Evaporation Temperature: -10°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.



Low Temp Parameter Table

Model: CM-BAM020BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	4880
		-15	3950
		-20	3150
		-25	2450
		-30	1860
	Normal Power(W)	Power	1600
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	5/8"	
	Liquid Line	3/8"	
Dimensions(mm)	720×750×725		
Weight (kg)	95		
Air Cooler Matching	Model	CM-C302C06	
	Blower Motor	OTY	2
		Power(W)	68×2
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1180×500×450
	Mounting Dimensions(mm)	C×E	390×930
	Weight (kg)	31	

Model: CM-BAM030BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	9310
		-15	7590
		-20	6110
		-25	4830
		-30	3730
	Normal Power(W)	Power	2700
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	7/8"	
	Liquid Line	1/2"	
Dimensions(mm)	890×850×815		
Weight (kg)	103		
Air Cooler Matching	Model	CM-C303F06	
	Blower Motor	OTY	3
		Power(W)	68×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1600×500×450
	Mounting Dimensions(mm)	C×E	390×1347
	Weight (kg)	55	

Model: CM-BAM040BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	12740
		-15	10330
		-20	8270
		-25	6520
		-30	5060
	Normal Power(W)	Power	3730
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	1/2"	
Dimensions(mm)	890×850×815		
Weight (kg)	149		
Air Cooler Matching	Model	CM-C304F06	
	Blower Motor	OTY	4
		Power(W)	68×4
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1900×500×450
	Mounting Dimensions(mm)	C×E	390×1647
	Weight (kg)	65	

Model: CM-BAM050BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	15190
		-15	12320
		-20	9870
		-25	7790
		-30	6030
	Normal Power(W)	Power	4420
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	1/2"	
Dimensions(mm)	890×850×815		
Weight (kg)	185		
Air Cooler Matching	Model	CM-C403D06	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
	Weight (kg)	69	

Noet:

1. Normal Power: Condensing Temperature: 40°C, Evaporation Temperature: -25°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.



Low Temp Parameter Table

Model: CM-BAM060BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	18350
		-15	14850
		-20	11850
		-25	9310
		-30	7180
	Norminal Power(W)	Power	5220
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	450
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	5/8"	
Dimensions(mm)	930×1010×875		
Weight (kg)	190		
Air Cooler Matching	Model	CM-C403E06	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	C×E	450×1645
	Weight (kg)	74	

Model: CM-BAM090BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	23300
		-15	18750
		-20	14870
		-25	11580
		-30	8820
	Norminal Power(W)	Power	5520
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	1
		Power(W)	600
Pipe Connection(in)	Gas Line	1-3/8"	
	Liquid Line	5/8"	
Dimensions(mm)	1280×1070×980		
Weight (kg)	202		
Air Cooler Matching	Model	CM-I502D07	
	Blower Motor	OTY	2
		Power(W)	820×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1990×700×850
	Mounting Dimensions(mm)	C×E	590×1647
	Weight (kg)	157	

Model: CM-BAM120BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	26550
		-15	21200
		-20	16680
		-25	12860
		-30	9660
	Norminal Power(W)	Power	6900
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	450×2
Pipe Connection(in)	Gas Line	1-1/8"	
	Liquid Line	5/8"	
Dimensions(mm)	1280×1070×980		
Weight (kg)	194		
Air Cooler Matching	Model	CM-C404F06	
	Blower Motor	OTY	4
		Power(W)	135×4
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	2255×550×570
	Mounting Dimensions(mm)	C×E	450×2005
	Weight (kg)	100	

Model: CM-BAM140BYT

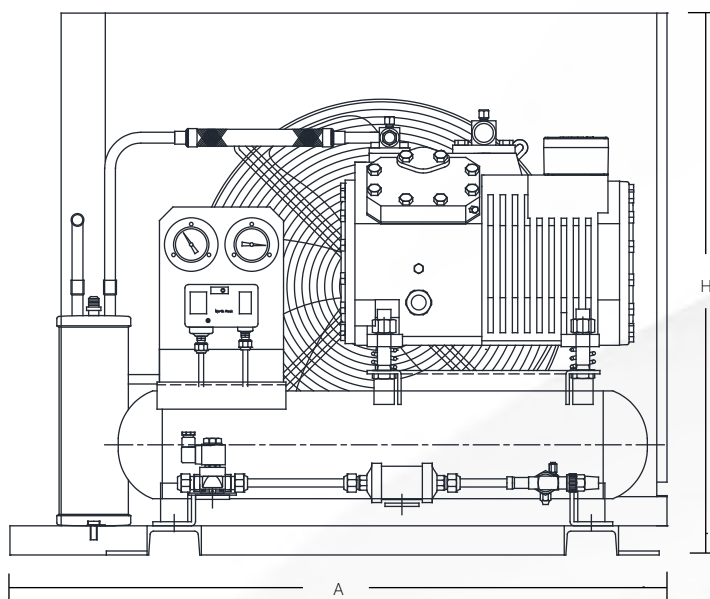
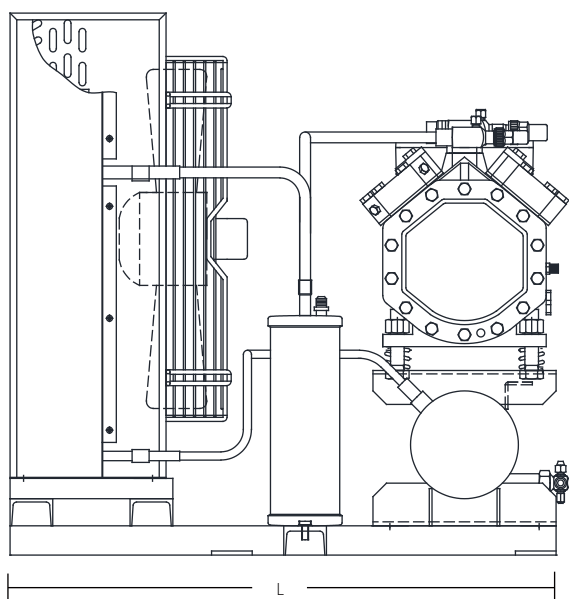
Condensing Unit	Power Supply	380V/3N/50Hz	
	Evaporation Temperature°C	-10	31550
		-15	25400
		-20	20100
		-25	15640
		-30	11910
	Norminal Power(W)	Power	8450
	Compressor	Type	Semi-Hermetic Scroll
	Fan Motor	OTY	2
		Power(W)	500×2
Pipe Connection(in)	Gas Line	1-3/8"	
	Liquid Line	5/8"	
Dimensions(mm)	1450×1070×980		
Weight (kg)	240		
Air Cooler Matching	Model	CM-I502H07	
	Blower Motor	OTY	2
		Power(W)	820×2
	Fin Pitch(mm)	7	
	Dimensions(mm)	L×W×H	1990×700×850
	Mounting Dimensions(mm)	C×E	590×1647
	Weight (kg)	195	

Noet:

1. Norminal Power: Condensing Temperature: 40°C, Evaporation Temperature: -25°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

Model: CM-BAM020-100



CM-BAM020BYT				
A	L	H	Gas Line	Liquid Line
720	750	725	5/8"	3/8"

CM-BAM040BYT				
A	L	H	Gas Line	Liquid Line
890	850	815	7/8"	1/2"

CM-BAM060BYT				
A	L	H	Gas Line	Liquid Line
910	1070	1065	1-1/8"	1/2"

CM-BAM090BYT				
A	L	H	Gas Line	Liquid Line
1000	1070	1035	1-1/8"	5/8"

CM-BAM030BYT				
A	L	H	Gas Line	Liquid Line
890	850	815	7/8"	1/2"

CM-BAM050BYT				
A	L	H	Gas Line	Liquid Line
890	850	815	7/8"	1/2"

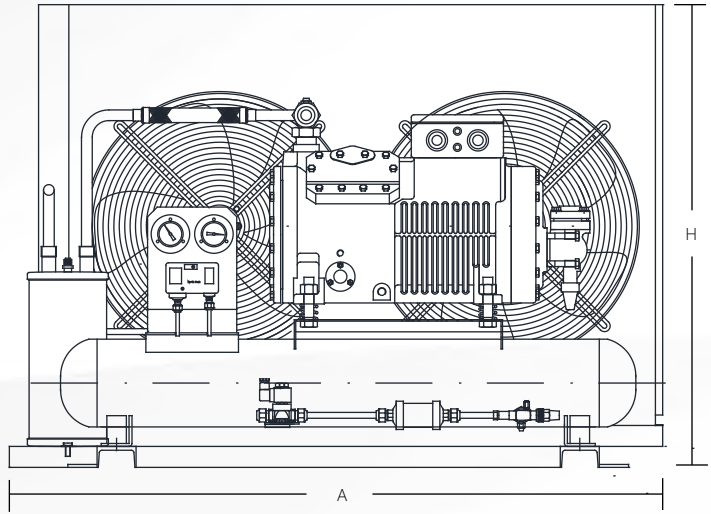
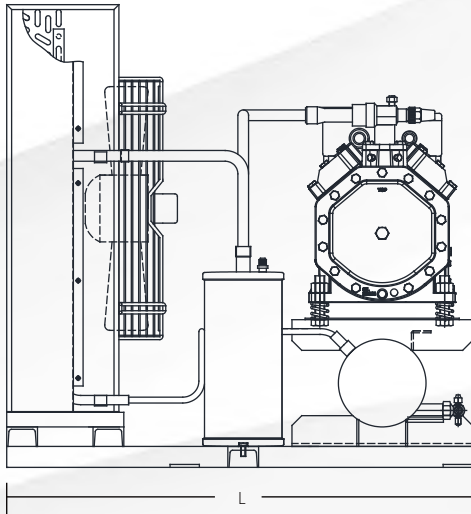
CM-BAM070BYT				
A	L	H	Gas Line	Liquid Line
1000	1070	1065	1-1/8"	5/8"

CM-BAM100BYT				
A	L	H	Gas Line	Liquid Line
1280	1070	980	1-1/8"	5/8"



Dimension Figure

**Model:
CM-BAL020-140**



CM-BAL020BYT				
A	L	H	Gas Line	Liquid Line
720	750	725	5/8"	3/8"
CM-BAL040BYT				
A	L	H	Gas Line	Liquid Line
890	850	815	1-1/8"	1/2"
CM-BAL060BYT				
A	L	H	Gas Line	Liquid Line
930	1010	875	1-1/8"	5/8"
CM-BAL120BYT				
A	L	H	Gas Line	Liquid Line
1280	1070	980	1-1/8"	5/8"

CM-BAL030BYT				
A	L	H	Gas Line	Liquid Line
890	850	815	7/8"	1/2"
CM-BAL050BYT				
A	L	H	Gas Line	Liquid Line
890	850	815	1-1/8"	1/2"
CM-BAL090BYT				
A	L	H	Gas Line	Liquid Line
1280	1070	980	1-3/8"	5/8"
CM-BAL140BYT				
A	L	H	Gas Line	Liquid Line
1450	1070	980	1-3/8"	5/8"



COLDMACH



10

Bitzer Unit Water Cooling

TECHNICAL CHARACTERISTICS & ADVANTAGES

It is equipped with oil separator, high and low pressure control, solenoid valve, drying filter, high and low pressure meter, large volume liquid reservoir and high-performance condenser.

Compact structure, can be equipped with protective cover, solid, durable and beautiful.

The reasonable air suction device can fully cool the cylinder head of the compressor.

The cooling air unit is equipped with efficient W-type internally threaded pipes according to different working conditions, so as to improve the heat transfer coefficient and reduce the model size.

The compressor units above bfbv20 56h (y) adopt split coil motor, with small starting current.

The motor adopts electronic module protection device or advanced thermal protection device to control the temperature of the motor.

Compressor units above bfbv20 84.5h (y) are equipped with oil pressure differential protection to ensure a good lubrication system, and are equipped with automatic high-pressure release valve protection device.

The crankcase heater prevents liquid hammer and controls the pressure of the high and low pressure system to ensure the normal use of the unit.

High & Medium Temp Parameter Table

Model: CM-BWM020BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	6020		
		-5	5000		
		-10	4110		
		-15	3340		
		-20	2680		
	Normal Power(W)		Power	1320	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	5/8"		
		Liquid Line	3/8"		
Dimensions(mm)		900×300×555			
Rated Discharge		1.6			
Current Pressure		2-6			
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		98			
Air Cooler Matching	Model		CM-C302C04		
	Blower Motor	OTY	2		
		Power(W)	68×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1180×500×450	
	Mounting Dimensions(mm)		F×E	390×930	
	Weight (kg)		32		

Model: CM-BWM030BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	12990		
		-5	10810		
		-10	8910		
		-15	7270		
		-20	5860		
	Normal Power(W)		Power	2580	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	3/8"		
Dimensions(mm)		900×300×655			
Rated Discharge		2.4			
Current Pressure		2-6			
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		124			
Air Cooler Matching	Model		CM-C302F04		
	Blower Motor	OTY	2		
		Power(W)	68×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1180×500×450	
	Mounting Dimensions(mm)		F×E	390×930	
	Weight (kg)		38		

Model: CM-BWM040BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	15890		
		-5	13250		
		-10	10950		
		-15	8960		
		-20	7250		
	Normal Power(W)		Power	3150	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
Dimensions(mm)		1050×370×700			
Rated Discharge		3.2			
Current Pressure		2-6			
Specification of water inlet and outlet		DN32			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		124			
Air Cooler Matching	Model		CM-C304F04		
	Blower Motor	OTY	4		
		Power(W)	68×4		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1900×500×450	
	Mounting Dimensions(mm)		F×E	390×1647	
	Weight (kg)		66		

Model: CM-BWM050BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	17510		
		-5	14460		
		-10	11840		
		-15	9610		
		-20	7710		
	Normal Power(W)		Power	3410	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	7/8"		
		Liquid Line	1/2"		
Dimensions(mm)		1056×480×738			
Rated Discharge		4.0			
Current Pressure		2-6			
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		140			
Air Cooler Matching	Model		CM-C403D04		
	Blower Motor	OTY	3		
		Power(W)	135×3		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1895×550×570	
	Mounting Dimensions(mm)		F×E	450×1645	
	Weight (kg)		69		

Noet:

1. Normal Power: Condensing Temperature: 30°C, Evaporation Temperature: -10°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.



High & Medium Temp Parameter Table

Model: CM-BWM060BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	22000		
		-5	18160		
		-10	14880		
		-15	12060		
		-20	9660		
	Normal Power(W)		Power	4300	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		1-1/8"	
		Liquid Line		1/2"	
	Dimensions(mm)		1206×480×738		
	Rated Discharge		4.8		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		154			
Air Cooler Matching	Model		CM-C403E04		
	Blower Motor	OTY	3		
		Power(W)	135×3		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1895×550×570	
	Mounting Dimensions(mm)		F×E	450×1645	
	Weight (kg)		74		

Model: CM-BWM070BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	26250		
		-5	21750		
		-10	17870		
		-15	14540		
		-20	11700		
	Normal Power(W)		Power	5150	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		1-1/8"	
		Liquid Line		5/8"	
	Dimensions(mm)		1206×480×738		
	Rated Discharge		5.6		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		158			
Air Cooler Matching	Model		CM-C404E04		
	Blower Motor	OTY	4		
		Power(W)	135×4		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	2255×550×570	
	Mounting Dimensions(mm)		F×E	450×2005	
	Weight (kg)		92		

Model: CM-BWM090BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	31750		
		-5	26300		
		-10	21650		
		-15	17610		
		-20	14160		
	Normal Power(W)		Power	6290	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		1-1/8"	
		Liquid Line		5/8"	
	Dimensions(mm)		1206×480×738		
	Rated Discharge		7.2		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		240			
Air Cooler Matching	Model		CM-I502F04		
	Blower Motor	OTY	2		
		Power(W)	820×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1990×700×850	
	Mounting Dimensions(mm)		F×E	590×1647	
	Weight (kg)		178		

Model: CM-BWM100BYT

Condensing Unit	Power Supply		380V/3N/50Hz		
	Cold Room Temperature°C	0	34150		
		-5	28150		
		-10	23000		
		-15	18590		
		-20	14810		
	Normal Power(W)		Power	6380	
	Compressor		Type	Semi-Hermetic Scroll	
	Link specification	Gas Line		1-1/8"	
		Liquid Line		5/8"	
	Dimensions(mm)		1246×650×805		
	Rated Discharge		8.0		
	Current Pressure		2-6		
Specification of water inlet and outlet		DN40			
Inlet / Outlet temperature °C		30°C/35°C			
Weight (kg)		290			
Air Cooler Matching	Model		CM-I502F04		
	Blower Motor	OTY	2		
		Power(W)	820×2		
	Fin Pitch(mm)		4		
	Dimensions(mm)		L×W×H	1990×700×850	
	Mounting Dimensions(mm)		F×E	590×1647	
	Weight (kg)		178		

Noet:

1. Norminal Power: Condensing Temperature: 30°C, Evaporation Temperature: -10°C;
2. The power of nominal working condition is the sum of the power of compressor, fan and control system;
3. The parameters will change without further notice due to product improvement, the detail date please refer to our product nameplate;
4. The CDUs & Evaporator matching data for reference only, please contact us if you have special requirement.

Low Temp Parameter Table

Model: CM-BWL020BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-10	5940
		-15	4830
		-20	3870
		-25	3050
		-30	2350
	Norminal Power(W)	Power	1510
	Compressor	Type	Semi-Hermetic Scroll
	Link specification	Gas Line	5/8"
		Liquid Line	3/8"
	Dimensions(mm)	900×300×555	
	Rated Discharge	1.6	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	98		
Air Cooler Matching	Model	CM-C302D06	
	Blower Motor	OTY	2
		Power(W)	68×2
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1180×500×450
	Mounting Dimensions(mm)	F×E	390×930
	Weight (kg)	34	

Model: CM-BWL030BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-10	10950
		-15	8960
		-20	7250
		-25	5570
		-30	4500
	Norminal Power(W)	Power	2750
	Compressor	Type	Semi-Hermetic Scroll
	Link specification	Gas Line	7/8"
		Liquid Line	1/2"
	Dimensions(mm)	1050×480×738	
	Rated Discharge	2.4	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	124		
Air Cooler Matching	Model	CM-C303F06	
	Blower Motor	OTY	3
		Power(W)	68×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1600×500×450
	Mounting Dimensions(mm)	F×E	390×1347
	Weight (kg)	55	

Model: CM-BWL040BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-10	15010
		-15	12200
		-20	9790
		-25	7760
		-30	6050
	Norminal Power(W)	Power	3430
	Compressor	Type	Semi-Hermetic Scroll
	Link specification	Gas Line	1-1/8"
		Liquid Line	1/2"
	Dimensions(mm)	1050×480×738	
	Rated Discharge	3.2	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN32		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	124		
Air Cooler Matching	Model	CM-C403D06	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1895×550×570
	Mounting Dimensions(mm)	F×E	450×1645
	Weight (kg)	69	

Model: CM-BWL050BYT

Condensing Unit	Power Supply	380V/3N/50Hz	
	Cold Room Temperature°C	-10	17860
		-15	14540
		-20	11700
		-25	9280
		-30	7520
	Norminal Power(W)	Power	4080
	Compressor	Type	Semi-Hermetic Scroll
	Link specification	Gas Line	1-1/8"
		Liquid Line	1/2"
	Dimensions(mm)	1050×480×738	
	Rated Discharge	4.0	
	Current Pressure	2-6	
Specification of water inlet and outlet	DN40		
Inlet / Outlet temperature °C	30°C/35°C		
Weight (kg)	140		
Air Cooler Matching	Model	CM-C403E06	
	Blower Motor	OTY	3
		Power(W)	135×3
	Fin Pitch(mm)	6	
	Dimensions(mm)	L×W×H	1890×550×570
	Mounting Dimensions(mm)	F×E	450×1645
	Weight (kg)	74	

Noet:

- 1.Nominal Power: Condensing Temperature: 30°C, Evaporation Temperature: -25°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.



Low Temp Parameter Table

Model: CM-BWL060BYT

Power Supply		380V/3N/50Hz		
Cold Room Temperature°C	-10	21650		
	-15	17610		
	-20	14160		
	-25	11220		
	-30	8730		
Condensing Unit	Norminal Power(W)	Power	4870	
	Compressor	Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	1-1/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1050×480×738		
	Rated Discharge	4.8		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN40		
	Inlet / Outlet temperature °C	30°C/35°C		
	Weight (kg)	154		
Air Cooler Matching	Model	CM-C403F06		
	Blower Motor	OTY	3	
		Power(W)	135×3	
	Fin Pitch(mm)	6		
	Dimensions(mm)	L×W×H	1895×550×570	
	Mounting Dimensions(mm)	F×E	450×1645	
	Weight (kg)	79		

Model: CM-BWL090BYT

Power Supply		380V/3N/50Hz		
Cold Room Temperature°C	-10	27700		
	-15	22450		
	-20	17970		
	-25	14150		
	-30	10930		
Condensing Unit	Norminal Power(W)	Power	5980	
	Compressor	Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	1-3/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1206×650×740		
	Rated Discharge	5.6		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN40		
	Inlet / Outlet temperature °C	30°C/35°C		
	Weight (kg)	158		
Air Cooler Matching	Model	CM-I502F07		
	Blower Motor	OTY	2	
		Power(W)	820×2	
	Fin Pitch(mm)	7		
	Dimensions(mm)	L×W×H	1990×700×850	
	Mounting Dimensions(mm)	F×E	590×1647	
	Weight (kg)	175		

Model: CM-BWL120BYT

Power Supply		380V/3N/50Hz		
Cold Room Temperature°C	-10	31750		
	-15	25600		
	-20	20350		
	-25	15900		
	-30	12160		
Condensing Unit	Norminal Power(W)	Power	6610	
	Compressor	Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	1-3/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1246×650×805		
	Rated Discharge	7.2		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN40		
	Inlet / Outlet temperature °C	30°C/35°C		
	Weight (kg)	211		
Air Cooler Matching	Model	CM-I502H07		
	Blower Motor	OTY	2	
		Power(W)	820×2	
	Fin Pitch(mm)	7		
	Dimensions(mm)	L×W×H	1990×700×850	
	Mounting Dimensions(mm)	F×E	590×1647	
	Weight (kg)	195		

Model: CM-BWL140BYT

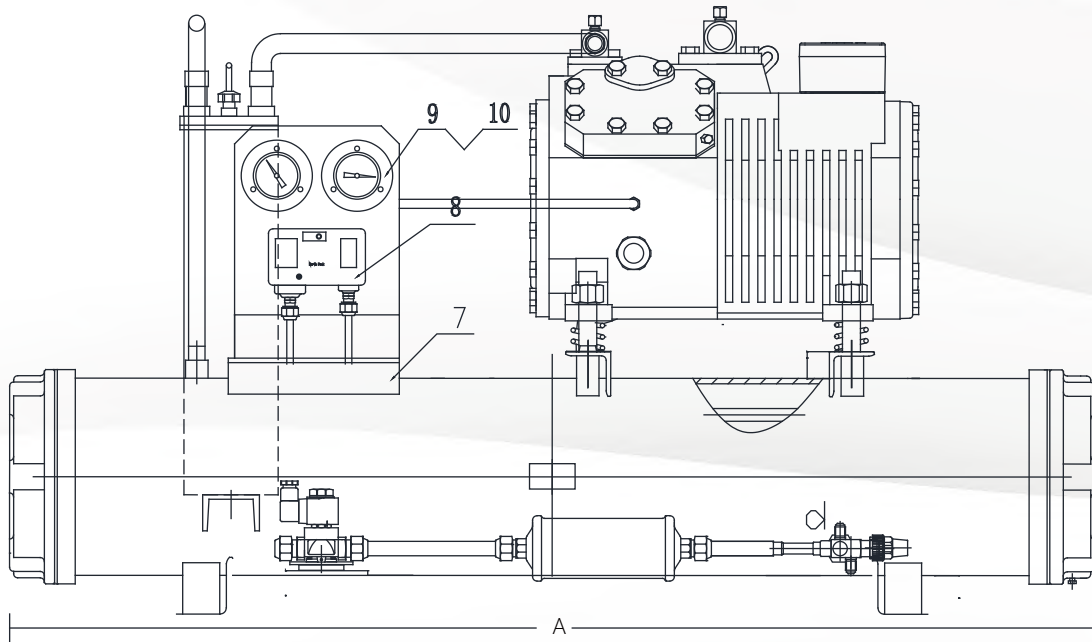
Power Supply		380V/3N/50Hz		
Cold Room Temperature°C	-10	37400		
	-15	30250		
	-20	24150		
	-25	18980		
	-30	14650		
Condensing Unit	Norminal Power(W)	Power	7970	
	Compressor	Type	Semi-Hermetic Scroll	
	Link specification	Gas Line	1-3/8"	
		Liquid Line	5/8"	
	Dimensions(mm)	1246×650×850		
	Rated Discharge	11.2		
	Current Pressure	2-6		
	Specification of water inlet and outlet	DN40		
	Inlet / Outlet temperature °C	30°C/35°C		
	Weight (kg)	333		
Air Cooler Matching	Model	CM-I503F07		
	Blower Motor	OTY	3	
		Power(W)	820×3	
	Fin Pitch(mm)	7		
	Dimensions(mm)	L×W×H	2770×700×850	
	Mounting Dimensions(mm)	F×E	590×2427	
	Weight (kg)	250		

Noet:

- 1.Nominal Power: Condensing Temperature: 30°C, Evaporation Temperature: -25°C;
- 2.The power of nominal working condition is the sum of the power of compressor,fan and control system;
- 3.The parameters will change without further notice due to product improvement,the detail date please refer to our product nameplate;
- 4.The CDUs & Eevaporator matching data for reference only, please contact us if you have special requirement.

Dimension Figure

Model : CM-BWM/BWL020-100

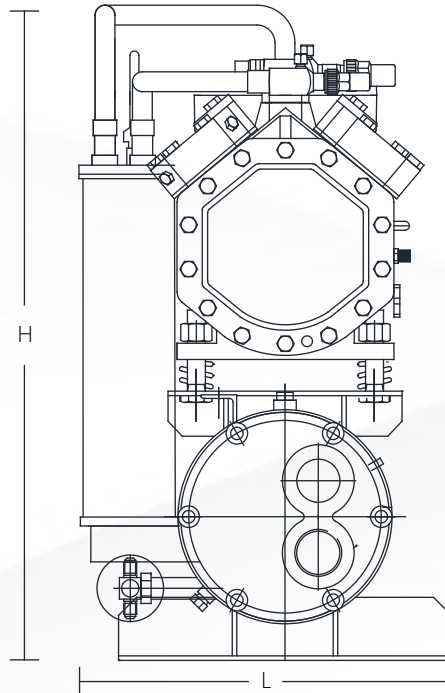


CM-BWM020BYT				
A	L	H	Gas Line	Liquid Line
900	300	555	5/8"	3/8"
CM-BWM040BYT				
A	L	H	Gas Line	Liquid Line
1050	370	700	7/8"	1/2"
CM-BWM060BYT				
A	L	H	Gas Line	Liquid Line
1206	480	738	1-1/8"	1/2"
CM-BWM090BYT				
A	L	H	Gas Line	Liquid Line
1206	480	738	1-1/8"	5/8"

CM-BWM030BYT				
A	L	H	Gas Line	Liquid Line
900	300	665	7/8"	3/8"
CM-BWM050BYT				
A	L	H	Gas Line	Liquid Line
1056	480	738	7/8"	1/2"
CM-BWM070BYT				
A	L	H	Gas Line	Liquid Line
1206	480	738	1-1/8"	5/8"
CM-BWM100BYT				
A	L	H	Gas Line	Liquid Line
1246	650	805	1-1/8"	5/8"

Dimension Figure

Model :
CM-BWM/BWL080-140



CM-BWL020BYT				
A	L	H	Gas Line	Liquid Line
900	300	555	5/8"	3/8"

CM-BWL040BYT				
A	L	H	Gas Line	Liquid Line
1050	480	738	1-1/8"	1/2"

CM-BWL060BYT				
A	L	H	Gas Line	Liquid Line
1050	480	738	1-1/8"	5/8"

CM-BWL120BYT				
A	L	H	Gas Line	Liquid Line
1246	650	805	1-3/8"	5/8"

CM-BWL030BYT				
A	L	H	Gas Line	Liquid Line
1050	480	738	7/8"	1/2"

CM-BWL050BYT				
A	L	H	Gas Line	Liquid Line
1050	480	738	1-1/8"	1/2"

CM-BWL090BYT				
A	L	H	Gas Line	Liquid Line
1206	650	740	1-3/8"	5/8"

CM-BWL140BYT				
A	L	H	Gas Line	Liquid Line
1206	650	805	1-3/8"	5/8"