



QUITECOOL REFRIGERATION COMPANY

2026 collection

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COLD ROOM ACCESSORIES

condensing units accessories
electric controller box
cold room door accessories
cold room lamp, curtain and ventilator
door seals
electric heating wire and heating tube
compressor
fan and capacitor
heat exchanger

P1 ~ P28
P29 ~ P30
P31 ~ P45
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REFRIGERATOR ACCESSORIES

temperature controller and thermostat
filter drier and capillary
other accessories

P85-P97
P98-P99
P100

AIR CONDITIONER ACCESSORIES

flow switch and 4-way reversing valve
thermostat
condensate pump
air conditioner charging pump
cleaning machine and cover
air conditioner control board and remote
copper fittings copper pipe and electrode and other parts

P101
P102-P104
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Tools

manifold gauge
vacuum pump
hand torch
other tools

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EXPANSION VALVE

T Series

Feature:

Wide temperature range;

Interchangeable orifice;

Orifice can be chose according to refrigerant and capacity;

Suit to all HCFC and HFC refrigerant: R12, R22, R134A, R404A, R507A, R407C, R502.



Model	Refrigerant	Equalizer	Capillary(m)	Connection Size	Inlet(In) x outlet(In)
TX2	R22	Internal	1.5	3/8" x 1/2"	
TEX2		External			
TN2	R134A	Internal			
TEN2		External			
TS2	R404A/R507	Internal			
TES2		External			
TF2	R12	Internal			
TEF2		External			
TY2	R502	Internal			
TEY2		External			
TZ2	R407C	Internal			
TEZ2		External			

Orifice:

Model	Nominal Capacity/RT					Nominal Capctiy/KW			
	R22	R134A	R404A/R507	R12	R407C	R22	R404A/R507	R12	R407C
#X	0.15	0.11	0.11		0.16	0.5	0.38		0.5
#0	0.3	0.25	0.21	0.2	0.3	1	0.7	0.7	1.1
#1	0.7	0.5	0.45	0.3	0.8	2.5	1.6	1	2.7
#2	1	0.8	0.6	0.5	1.1	3.5	2.1	1.7	3.8
#3	1.5	1.3	1.2	1	1.6	5.2	4.2	3.5	5.6
#4	2.3	1.9	1.7	1.5	2.5	8	6	5.2	8.6
#5	3	2.5	2.2	2	3.2	10.5	7.7	7	11.3
#6	4.5	3	2.6	3	4.9	15.5	9.7	10.5	16.7

R Series



Feature:

Constant super heat adjusting performance.

Evaporator temperature range:-40℃~+10℃

Changeable imputing filter net.

Suiting for R22、R502、R134a、R404A、R507.



R22		R134a		R407C		R404A/R507		R410A		Connection		External Equalizer Commection Size	Capillary Length
Model	Nominal capacity (kW)	Model	Nominal capact (kw)	Model	Nominal capacity (kW)	Model	Nominal capacity (kW)	Model	Nominal capacity (kW)	Inlet	Outlet		
0.5HC	1.76	0.25MC	0.88	0.5N	1.76	0.33SC	1.17	0.75Z	2.64	3/8"	1/2"	1/4"	1.5m
1HC	3.52	0.5MC	1.76	1N	3.52	0.7SC	2.35	1.5Z	5.28				
1.5HC	5.28	1MC	3.52	1.5N	5.28	1SC	3.52	2.25Z	7.92				
2HC	7.04	1.5MC	5.28	2N	7.04	1.5SC	5.28	3Z	10.56				
3HC	10.56	2MC	7.04	3N	10.56	2SC	7.04	4.5Z	15.84				
4HC	14.08	2.5MC	8.80	4N	14.08	3SC	10.56	6Z	21.12				
5HC	17.60	3MC	10.56	5N	17.60	3.5SC	12.32	7.5Z	26.40	1/2"	5/8"		
6HC	21.12	4MC	12.32	6N	21.12	4SC	14.08	9Z	31.68				
7.5HC	26.40	5.5MC	19.36	7.5N	26.40	5SC	17.60	11Z	38.72				
10HC	35.20	7.5MC	26.40	10N	35.20	7SC	24.64	14Z	49.28				
12HC	42.24	9MC	31.68	12N	42.24	8.5SC	29.92	17Z	59.84				
14HC	49.30	10MC	38.72			10SC	37.00						
18HC	63.40	13MC	45.76			13SC	47.50						

SOLENOID VALVE

Solenoid Valve - C Series

DC24V, DC12V, AC110V, AC220V and AC380V

Refrigerant: R12, R22, R134a, R404, R407C, R410, R502

Media Temperature: -40℃ ~ +110℃

Service: 100,000 cycles

Max working Pressure: 40 Bar



Connetion type	Model	Connection size	Orifice (mm)	KV Factor (m³/hr)	Nominal Capacity(KW)			
		Inch mm			R134a	R22	R407C	R404A
Flare connetion	1020/2	1/4"	2.5	0.175	2.95	3.15	3.28	2.08
	1020/3	3/8"	3	0.23	3.88	4.14	4.31	2.74
	1064/3	3/8"	7	0.80	6.80	9.40	9.30	8.00
	1064/4	1/2"						
	1070/4	1/2"	12.5	2.20	18.70	25.70	25.60	22.00
	1070/5	5/8"		2.61	22.20	30.50	30.30	26.10
	1090/5	5/8"	16.5	3.80	32.30	44.50	44.20	38.00
	1090/6	3/4"		4.80	40.80	56.20	55.80	48.00
Solder connection	1090/7	7/8"		5.70	48.50	66.70	66.20	57.00
	1028/2	1/4"	2.20	0.15	2.53	2.70	2.81	1.79
	1028/3	3/8"	3.00	0.23	3.88	4.14	4.31	2.74
	1068/3	3/8"	7.00	0.80	6.80	9.40	9.30	8.00
	1068/4	1/2"						
	1078/4	1/2"	12.50	2.61	22.20	30.50	30.30	26.10
	1078/5	5/8"						
	1078/6	3/4"						
	1079/7	7/8"						
	1098/5	5/8"	16.5	3.8	32	44.50	44.20	38
	1098/6	3/4"		4.8	41	56	56	48
	1098/7	7/8"		5.7	48.50	66.70	66.20	57.00
	1099/9	1-1/8"						

SOLENOID VALVE- EVR Series

Feature

DC24V, DC12V, AC110V, AC220V and AC380V

Refrigerant: R12, R22, R134a, R404, R407C, R410, R502

Media Temperature: -40°C ~ +110°C

Service: 100,000 cycles

Max working Pressure: 40 Bar



Connetion type	Model	Connection size	Nominal Capacity(KW)			
		Inch	R134a	R22	R407C	R404A
Flare connetion	EVR3	1/4"	2.90	3.2	3.01	2.2
		3/8"	5.00	5.4	5.08	3.8
	EVR6	3/8"	5.00	5.4	5.08	3.8
		1/2"	14.80	16.1	15.13	11.2
	EVR10	1/2"	14.80	16.1	15.13	11.2
		5/8"	35.30	38.2	35.91	26.7
EVR15	5/8"	35.50	38.2	35.91	26.7	
Solder connection	EVR3(S)	1/4"	48.30	52.3	49.16	36.5
		3/8"	2.90	3.2	3.01	2.2
	EVR6(S)	3/8"	5.00	5.4	5.08	3.8
		1/2"	14.80	16.1	15.13	11.2
	EVR10(S)	1/2"	14.80	16.1	15.13	11.2
		5/8"	35.30	38.2	35.91	26.7
	EVR15(S)	5/8"	35.30	38.2	35.91	26.7
		7/8"	48.30	52.3	49.16	36.5
	EVR20(S)	7/8"	48.30	52.3	49.16	36.5
		1-1/8"	92.80	101	94.94	70.3
	EVR22(S)	1-3/8"	92.80	101	94.94	70.3
	EVR25(S)	1-1/8"	186.00	201	188.94	141
		1-3/8"	186.00	201	188.94	141
	EVR32(S)	1-3/8"	297.00	322	302.68	225
		1-5/8"	297.00	322	302.68	225
	EVR40(S)	1-5/8"	464.00	503	472.82	351
2-1/8"		464.00	503	472.82	351	

MOTORIZED VALVE



Model	Description	Connect Thread(NPT), Inch	Kv(Cv)	Differential shut-off pressure (Mpa)
MTV-2-1/2	2-Way	1/2"	2.2(2.5)	0.2
MTV-3-1/2	3-Way	1/2"	2.6(3.0)	0.2
MTV-2-5/8	2-Way	5/8"	3.0(3.5)	0.18
MTV-3-5/8	3-Way	5/8"	3.4(4.0)	0.18
MTV-2-3/4	2-Way	3/4"	3.0(3.5)	0.18
MTV-3-3/4	3-Way	3/4"	3.4(4.0)	0.18
MTV-2-1	2-Way	1"	6.9(8.0)	0.15
MTV-3-1	3-Way	1"	6.5(7.5)	0.15

HAND VALVE

Model	Thread(in)	Connection(in)	Connetion way
HV-02	7/16"	1/4"	Flare
HV-03	5/8"	3/8"	
HV-04	3/4"	1/2"	
HV-05	7/8"	5/8"	
HV-06	1-1/6"	3/4"	
HV-07	1-1/4"	7/8"	
HV-07	1-1/4"	7/8"	



Model	Connection(in)	Connetion way
HV-02H	1/4"	Solder
HV-03H	3/8"	
HV-04H	1/2"	
HV-05H	5/8"	
HV-06H	3/4"	



AIR CONDITIONER VALVE

Straight pipe

Model	Flare Size
ACVS-1/4"	1/4"
ACVS-3/8"	3/8"
ACVS-1/2"	1/2"
ACVS-5/8"	5/8"
ACVS-3/4"	3/4"

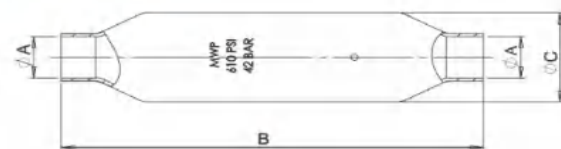


Bend pipe

Model	Flare Size
ACVB-1/4"	1/4"
ACVB-3/8"	3/8"
ACVB-1/2"	1/2"
ACVB-5/8"	5/8"
ACVB-3/4"	3/4"



MAGNETIC CHECK VALVE



Model	A Conector Size	Shell Boy C	Lengh B	Mesh No	SWP(Kpa)	Kv(m²Hr)
MCV4	1/4	22	102	40	5500	0.47
MCV6	3/8	22	102	40	5500	0.99
MCV-8	1/2	22	102	40	5200	0.99
MCV-8B	1/2	29	127	40	5200	2.67
MCV-10	5/8	22	102	40	5200	2.98
MCV-10B	5/8	29	127	40	5200	2.98
MCV-12	3/4	29	127	40	4100	5.56
MCV-12B	3/4	41	178	40	4100	5.56
MCV-14	7/8	29	127	40	4100	7.58
MCV-14B	7/8	41	178	40	4100	7.58
MCV-18	1-1/8	41	178	40	4100	13.19
MCV-18B	1-1/8	54	213	40	4100	13.19
MCV-22	1-3/8	54	213	40	4000	16.26
MCV-26	1-5/8	54	213	40	3000	27.78

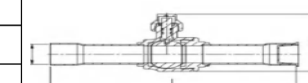
CV CHECK VALVE



Model	Type	Spec		I.D. (mm)	KV Value (m³/h)
		Flare	Welded		
CV-6	Direct Flow	1/4" SAE	1/4" ODF	4.8	0.56
CV-10		3/8" SAE	3/8" ODF	8	1.43
CV-12		1/2" SAE	1/2" ODF	10	2.05
CV-16		5/8" SAE	5/8" ODF	13	3.60
CV-19		3/4" SAE	3/4" ODF	16	5.50
CVR-22	Right Angle	/	7/8" ODF	19	8.50
CVR-28		/	1-1/8" ODF	26	19.0
CVR-35		/	1-3/8" ODF	31	29.0
CVR-42		/	1-5/8" ODF	31	30.0

BALL VALVE

Model	Connetction		H	L	KV Value (m³/h)
	[in.]	[mm]	[mm]	[mm]	
BV6s		6	50	138	2.0
BV6s	1/4		50	138	2.0
BV10s	3/8		50	138	5.7
BV10s		10	50	138	5.7
BV12s		12	50	160	10.6
BV12s	1/2		50	160	10.6
BV16s	5/8	16	50	160	14.1
BV19s		19	57	185	20.4
BV19s	3/4		57	185	20.4
BV22s	7/8		57	185	28.2
BV28s		28	75	208	52.0
BV28s	1-1/8		75	208	52.0
BV35s	1-3/8	35	85	251	80.9
BV42s	1-5/8		102	281	80.9
BV42s		42	102	281	80.9
BV54s	2-1/8	54	123	305	80.9
BV67s	2-5/8		123	305	80.9
BV79s	3-1/8		123	305	80.9



MANEUROP HORIZONTAL VALVE

Model	Connection size				Valve body(mm)
	Inch	mm	M thread	Hexanon nus	
MV-01	3/8"	φ10	1"-14UNS	S30	20×20
MV-02	1-1/8"	φ28	1-3/4"12UN	S50	35×35
MV-03	1-3/8"	φ35	1-3/4"12UN	S50	35×35
MV-04	3/4"	φ19	1-1/4"12UNF	S36	30×3
MV-05	7/8"	φ22	1-1/4"12UN	S36	30×30
MV-06	1/2"	φ12	1"-14UNS	S30	20×20
MV-07	7/8"	φ22	1-3/4"12UN	S50	30×30
MV-08	5/8"	φ16	1"-14UNS	S30	20×20
MV-09	5/8"	φ16	1-1/4"12UNF	S36	20×20



ROTALOCK VALVE

Model	Connection size				Valve body(mm)
	Inch	mm	M thread	Hexagon nut	
RV-01	3/8"	φ10	1"-14UNS	S30	20×20
RV-02	1/2"	φ12	1"-14UNS	S30	20×20
RV-03	5/8"	φ16	1"-14UNS	S30	20×20
RV-04	3/4"	φ19	1-1/4"12UNF	S36	30×30
RV-05	7/8"	φ22	1-1/4"12UNF	S36	30×30
RV-06	1-1/8"	φ28	1-3/4"12UNS	S50	35×35
RV-07	1-3/8"	φ35	2-1/4"12UNF	S65	45×45
RV-08	1-5/8"	φ42	2-1/4"12UNF	S65	45×45
RV-09	2-1/8"	φ54	2-1/4"12UNF	S65	45×45



STOP VALVE

Model	Connection size		Valve body(mm)
	Inch	mm	
SV-01	3/8"	φ10	20×20
SV-02	1/2"	φ12	20×20
SV-03	5/8"	φ16	20×20
SV-04	3/4"	φ19	30×30
SV-05	7/8"	φ22	30×30
SV-06	1-1/8"	φ28	35×35
SV-07	1-3/8"	φ35	45×45
SV-08	1-5/8"	φ42	45×45
SV-09	2-1/8"	φ54	45×45



COPPER/IRON STOP VALVE

Model	Connection size		Valve body(mm)	Screw thread(inch)
	Inch	mm		
Zdg4	1/4"	φ6	20×20	7/16-20UNF
Zdg8	3/8"	φ10	20×20	5/8-18 UNF
Zdg10	1/2"	φ12	20×20	3/4-16 UNF
Zdg13	5/8"	φ16	20×20	7/8-14 UNF
Zdg16	3/4"	φ19	30×30	1-1/16-14 UNF
Zdg19	7/8"	φ22	30×30	1-1/4-14 UNF



COPPER STOP VALVE

Model	Connection size		Taper thread	Screw thread(inch)
	Inch	mm		
Jdg4	1/4"	φ6	ZG3/8	7/16-20UNF
Jdg8	3/8"	φ10	ZG3/8	5/8-18 UNF
Jdg10	1/2"	φ12	ZG1/2	3/4-16 UNF
Jdg13	5/8"	φ16	ZG3/4	7/8-14 UNF
Jdg16	3/4"	φ19	ZG3/4	1-1/16-14 UNF
Jdg19	7/8"	φ22	ZG3/4	1-1/4-14 UNF



4-WAY REVERSING VALVE



Model	Port Size (mm)	Connection Size		O. PD(Mpa)		(ml/min) Internal Leakage P=1.0Mpa at 70 ℃	Power (HP)
		D	ES.C	Min	Max		
DSF-4U	8	8.1	9.6	0.25	2.5	<1000	0.75~1.5
DSF-9U	11	9.6	12.8	0.34	2.25	<1500	2~3
DSF-11	11.5	12.8	16	0.34	2.25	<2000	2.5~4
DSF-11U	11.5	9.6	16	0.34	2.25	<2000	2.5~4
DSF-20	13	12.8	19.2	0.34	2.25	<4000	4~8
DSF-20U	13	12.8	19.2	0.34	2.25	<4000	4~8
DSF-34	20	19.05	22.2	0.34	2.25	<6000	7.5~12
DSF-45	23	7B"	1-1/8"	0.34	2.76	<6000	5~15
	25.6	1-1/8"	1-3/8"	0.34	2.76	<6000	5~20

OIL GAUGE



Ambient temperature:-25℃~+70℃: glycerol
Ambient temperature:-40℃~+70℃: silicone oil

Type	Refrigerant	Range(MPa)		Connetion	Oil	
		Min	Max		glycerol	silicone oil
1.8-G	R22, R134a, R404a, R407C	0	1.8	1/4SAE	√	
3.8-G		0	3.8	1/4SAE	√	
1.8-S		0	1.8	1/4SAE		√
3.8-S		0	3.8	1/4SAE		√
3.5-S	R410a	0	3.5	1/4SAE		√
5.5-S		0	5.5	1/4SAE		√

PRESSURE CONTROLLER - KP Series

Description
For use with fluorinated refrigerants as well as with a air and water
Allowable Fluid Temp.: -10℃~+110°
Various contact functions available
With SPDT contact mechanism
Renovated micro-switch structure ensures the reliable switch function
1/4NPT, 1/4G or special connetion can be available and please inform us when placing order.



Pressure	Type	(bar) Pressure Range(bar)		(bar) Differential Range		Reset		Contactor
		Min	Max	Min	Max	Low	High	
Low	KP1-A	-0.2	7.5	0.7	4	Auto		SPDT
Low	KP1-M	-0.9	7	fixed 0.7		Manual		
High	KP5-A	8	32	1.8			Auto	
High	KP5-M	8	32	fixed 4			Manual	
Low	KP35A	-0.2	7.5	0.7	4	Auto		SPDT
Low	KP36A	2	14	0.7	4	Auto		
High	KP38A	8	32	8~32	1.8~6.0		Auto	
Dual L-H	KP15-AA	0.2	7.5	0.7	4	Auto		
Dual L-H	KP15-AM	8	30	fixed 4			Auto	SPDT+Low Signal
		-0.2	7.5	0.7	4	Auto		
	KP15-MM	8	30	fixed 4			Manual	
		-0.2	7.5	fixed 0.7		Manual		
Dual L-H	KP15-AA(L/H)	8	30	fixed 4			Auto	SPDT+Low/high Signal
		-0.2	7.5	fixed 0.7		Auto		
Dual L-H	KP15-AM(L/H)	8	30	fixed 4			Manual	
		-0.2	7.5	fixed 0.7		Auto		

A=auto reset, M=manual reset, L/H=low/high signal

PRESSURE CONTROLLER- HLP Series



Pressure	Type	Pressure Range(bar)		Differential Range(bar)		Factory Setting(bar)		Max bellows Pressure(bar)
		Min.	Max.	Min.	Max.	OFF	ON	
Vaccum	HLP101	-1	0	0.2	0.5	-0.6	-0.4	17
Low	HLP501	-0.7	1	0.15	0.5	0.5	0.25	
Low	HLP502	-0.7	2	0.2	1	1	0.5	
Low	HLP503	-0.7	3	0.5	1.5	2	1	
Low	HLP506	-0.7	6	0.6	4	3	2	
Low	HLP506M	-0.7	6	Reset diff. ≤1		3	Man.Reset	
Low	HLP110	1	10	1	4	6	5	35
High	HLP516	5	16	1	4	10	8	
High	HLP520	5	24	2	5	16	14	
High	HLP530D	5	30	5	10	20	15	
High	HLP530	8	30	Fixed 3~5		20	15-17	
High	HLP530M	8	30	Reset diff. 24		20	Man.Reset	
High	HLP545D	10	45	5	15	35	30	50
High	HLP545	10	45	Fixed 4~6		35	30	
High	HLP545M	10	45	Reset diff. ≥5		35	Man.Reset	
Dual L-H	HLP830	-0.7	6	0.6	4	3	2	17
		8	30	Fixed 3~5		20	15	35
Dual L-H	HLP830HM	-0.7	6	0.6	4	3	2	17
		8	30	Reset diff. 24		20	Man.Reset	35
Dual L-H	HLP830HLM	-0.7	6	Reset diff. ≤1		3	Man.Reset	17
		8	30	Reset diff. 24		20	Man.Reset	35
Dual H-H	HLP830HHM	5	30	5	10	20	15	35
		8	30	Reset diff. 24		20	Man.Reset	35
Dual H-H	HLP1245HM	2	12	2	5	6	8	35
		10	45	Reset diff. 25		30	Man.Reset	50

PRESSURE CONTROLLER - S/D Series

Description:

- ◆ For use with fluorinated refrigerants as well as with air and liquid; (Allowable fluid temp.: -45℃~+120℃)
- ◆ Various contact functions available, with SPDT contact mechanism;
- ◆ Renovated micro-switch structure ensures the reliable switch function;
- ◆ Manual-controlled and no use of other instruments to have a function test;
- ◆ Flexible mounting plate suits various kinds of application;
- ◆ 1/4, G1/4, capillary or special connetion can be available and please inform us when placing order.



Type	Pressure	Pressure range (Mpa)		Differential range (Mpa)		Factory Setting (Mpa)		Max Bellows Pressure (Mpa)
		Min.	Max.	Min.	Max.	OFF	ON	
S102X	Low	-0.02	0.2	0.025	0.15	0.025	0.05	1.65
S103X	Low	-0.06	0.3	0.035	0.2	0.05	0.15	1.65
S106X	Low	-0.06	0.6	0.06	0.4	0.2	0.3	1.65
S110X	Low	0.1	1	0.1	0.3	0.4	0.6	1.65
S120X	High	0.5	2	0.2	0.5	1.5	1.2	4
S130X	High	0.5	3	0.3	1	2	2.5	4

ELECTRIC PRESSURE SWITCH



Commonly used pressure parameter reference:

Model	Opening pressure (Mpa)	Closing pressure (Mpa)	Pressure type	Contact form
H-01	2.5±0.06	2.0±0.05	High pressure	Normal close
H-02	2.6±0.06	2.2±0.06		
H-03	2.8±0.06	2.2±0.06		
H-04	3.0±0.06	2.4±0.06		
L-01	0.05±0.03	0.15±0.04	Low pressure	Normal open
L-02	0.15±0.04	0.3±0.05		
L-03	0.3±0.05	0.45±0.05		
L-04	0.02±0.01	0.15±0.04		
Can be customized				

SIGHT GLASS

Model	Port size	Connection size
SG2F	1/4" Flare	7/16"-20UNF
SG3F	3/8" Flare	5/8"-18UNF
SG4F	1/2" Flare	3/4"-16UNF
SG5F	5/8" Flare	7/8"-14UNF
SG6F	3/4" Flare	1.1/16"-14UNF
SG2S	1/4" Solder	6.35
SG3S	3/8" Solder	9.52
SG4S	1/2" Solder	12.7
SG5S	5/8" Solder	15.88
SG6S	3/4" Solder	19.05
SG7S	7/8" Solder	22.22



DISCHARGE BYPASS VALVE



Model	Inlet*Outlet	Pressure adjustable range(bar)	Factory Setting(bar)	Nominal Capacity(KW)			
				R134a	R22	R407C	R404A
SAV-05	1/4*3/8	0~7	4	1.5	2.8	2.7	5
SAV-08				2.4	4.5	4.4	3
SAV-10				3	5.6	5.4	3.8
SAV-15				4.2	8.4	8.2	5.8
SAV-20				5.7	11.2	11	7.5
SAV-30				8.5	16.8	16.7	11.7
SAV-40	3/8*5/8	0~7	4	11	18.2	18	12.9
SAV-50				15	21	20.8	15.6
SAV-60				21	27.6	27.4	19.7
SAV-70				26	32	31.8	24
SAV-80				28	36.8	36.5	27.5

VIBRATION ABSORBER



Model	Size	Dimensions					Max working pressure	Burst pressure
		A	B	C	D	E		
		(I.D)	(±3)	(±3)	(±6)	(±1.5)		
	Inch	mm	mm	mm	mm	mm	(psiG)	(psiG)
VA-3/8"	3/8"	9.62	20	177.5	217.5	13	500	3250
VA-1/2"	1/2"	12.8	20	188.6	228.6	13	500	3250
VA-5/8"	5/8"	16.2	22	206.8	250.8	17	500	3250
VA-3/4"	3/4"	19.2	28	212.3	268.3	17	500	3250
VA-7/8"	7/8"	22.5	30	244.8	304.8	18	500	3250
VA-1-1/8"	1-1/8"	28.8	38	255.3	331.3	20	500	3000
VA-1-3/8"	1-3/8"	35.3	40	315	395	22	500	2750
VA-1-5/8"	1-5/8"	41.7	50	328.6	428.6	23	500	2550
VA-2-1/8"	2-1/8"	54.5	60	403.8	523.8	23	390	2000
VA-2-5/8"	2-5/8"	67	76	465.5	617.5	25	340	1750
VA-3-1/8"	3-1/8"	79.6	85	514.2	684.2	25	300	1600
VA-3-5/8"	3-5/8"	92.5	100	617.5	817.5	25	175	570
VA-4-1/8"	4-1/8"	104.9	110	616.6	836.6	25	175	570

HOSE FOR CONDENSING UNIT



Model	ID	OD	Work Pressure	Mini. Bending Radius	Operating Temperature
Unit	mm	mm	mpa(kgf/cm2)	mm	℃
1/4"	2.6	5.8	19.6(200)	15	40-130
3/8"	5	10	9.8(100)	20	40-130

SPARE PARTS



DISTRIBUTOR

The distributor is used in AC refrigeration system. It's manufactured by C3771 forged brass rods with the features of compact structure according to customer requirements.

Size	N-φA-φB
Holes(N)	2-48
Outlet Distributing Holes(A)	φ4.0 φ4.76 φ5.0 φ6.35 φ7.94
Inlet Connector(B)	φ6.35-φ42



PRESSURE VESSEL

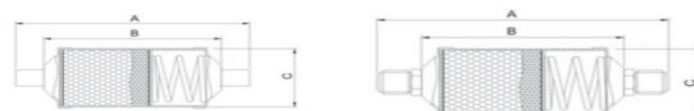


FILTER DRIER

EK Series Liquid Line Filter Drier (Loose Core)

Main features

- 1.20 microns compacted bead at outlet from Maximum filtration
- 2.To be applicable for CFC, HCFC and HFC refrigerant
- 3.High moisture and acid removal capacity
- 4.Flare or solder connection
- 5.Corrosion resistant epoxy power finish
- 6.Shock resistant stell shell construction
- 7.Max, working pressure 42Bar



Model	(IN) Connections		Liquid flow capacity (Tons)						(IN)Dimensions		
	ODF	SAE	R134a	R12	R22/R410A	R407C	R404A/R507	R502	A (IN)	B (IN)	C(IN)
EK-032		1/4	1.61	2.09	2.21	2.12	1.45	1.45	4.38		1.63
EK-032S	1/4		2.21	2.72	2.88	2.88	1.98	1.98	3.83	3.13	
EK-033		3/8	2.51	3.01	3.32	3.22	2.22	2.12	4.67		
EK-033S	3/8		2.51	3.01	3.32	3.22	2.22	2.12	4.06	3.18	
EK-052		1/4	1.72	2.12	2.32	2.22	1.52	1.52	4.81		2.5
EK-052S	1/4		2.72	3.32	3.62	3.52	2.42	2.31	4.44	3.69	
EK-053		3/8	2.91	3.53	3.85	3.69	2.54	2.54	5.13		
EK-053S	3/8		3.62	4.41	4.78	4.68	3.23	3.13	4.5	3.36	
EK-082		1/4	1.89	2.31	2.28	2.45	1.69	1.58	5.63		2.5
EK-082S	1/4		2.55	3.12	3.46	3.34	2.23	2.23	5.25	4.5	
EK-083		3/8	3.33	4.01	4.35	4.36	2.94	2.84	5.94		
EK-083S	3/8		3.76	4.56	4.88	4.78	3.29	3.19	5.31	4.44	
EK-084		1/2	5.56	6.75	7.32	7.13	4.96	4.76	6.19		2.5
EK-084S	1/2		5.88	7.12	7.74	7.55	5.12	5.07	5.38	4.38	
EK-162		1/4	1.98	2.36	2.57	2.44	1.72	1.63	6.56		2.5
EK-162S	1/4		2.55	3.12	3.45	3.32	2.19	2.19	6.19	5.25	
EK-163		3/8	3.19	3.88	4.25	4.11	2.78	2.71	6.88		
EK-163S	3/8		3.61	4.41	4.79	4.77	3.16	3.13	6.25	5.38	
EK-164		1/2	5.88	7.14	7.81	7.77	5.23	5.12	7.06		2.5
EK-164S	1/2		7.1	8.5	9.22	9.01	6.21	6.02	6.31	5.31	
EK-165		5/8	8.02	9.71	10.45	10.32	7.01	6.82	7.5		
EK-165S	5/8		8.32	10.12	10.94	10.77	7.32	7.12	6.56	5.31	
EK-167S	7/8		12.78	15.56	16.87	16.54	11.26	10.92	7.13	5.63	3.0
EK-303		3/8	3.61	4.34	4.71	4.61	3.16	3.11	9.63		
EK-303S	3/8		5.23	6.36	6.87	6.78	4.63	4.45	9	8.13	
EK-304		1/2	6.64	8.13	8.89	8.64	5.92	5.71	9.88		
EK-304S	1/2		8.78	10.62	11.52	11.36	7.74	7.53	9.06	8.06	3.0
EK-305		5/8	8.78	10.69	11.56	11.35	7.74	7.54	10.31		
EK-305S	5/8		10.32	12.51	13.52	13.33	9.12	8.84	9.31	8.06	
EK-306S	3/4		12.12	14.84	16.06	15.75	10.71	10.44	9.68	8.43	
EK-307S	7/8		13.84	16.84	18.23	19.72	12.23	11.84	9.88	8.38	3.0
EK-309S	1-1/8		16.12	19.63	21.25	20.84	14.21	13.84	10.12	8.5	

EK-413		3/8	3.59	4.39	4.75	4.65	3.16	3.09	9.75		3.5
EK-414		1/2	8.55	10.41	11.32	11.15	7.51	7.31	10		
EK-414S	1/2		8.95	10.85	11.74	11.52	7.84	7.61	9.9	8.19	
EK-415		5/8	9.95	12.06	13.05	12.84	8.74	8.54	10.44		
EK-415S	5/8		13.98	17.02	18.41	18.18	12.3	12	9.44	8.19	
EK-417S	7/8		16.66	20.35	22.01	21.6	14.78	14.35	9.88	8.38	
EK-419S	1-1/8		22.75	27.78	30.25	29.41	20.14	19.51	10.38	8.56	
EK-757S	7/8		18.25	22.22	24.15	23.65	16.15	15.62	15.43	13.94	3.5
EK-759S	1-1/8		26.8	32.87	35.41	34.84	23.7	23.01	15.75	13.63	

DC(M)L Series Liquid Line Filter Drier (Solid Core)

Main features

DML driers with a 100% Molecular Sieve solid core.

DCL driers with a 80% Molecular Sieve with 20% activated alumina.

1.To be applicable for CFC, HCFC refrigerants with mineral or alkyl benzene oils and compatible with HFC's and refrigerant blend

2.Flare or solder connection

3.Corrosion resistant epoxy power finish,can be used in all environments including marine applications

4.Max. working pressure 46Bar

5.25µm filter provides high retention with minimal pressure drop

6.Allows installation with any orientation provided the arrow is in the flow direction

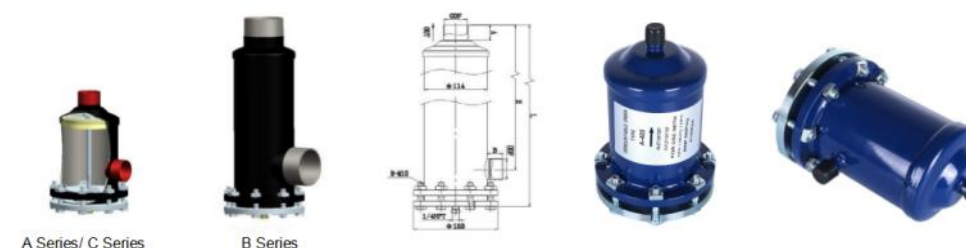


Model	in Connections		Liquid flow capacity (Tons)			DCL drying capacity (LBS)			DML drying capacity (LBS)			(IN)Dimensions		
	ODF	SAE	R134a	R410A R507	R22/R410A/ R407C	R407C	R404A/ R507	R502	R407C	R404A/R 507	R502	A (IN)	B (IN)	C(IN)
DC(M)L-032		1/4	2	1.5	2	15	24	14.5	12	19	11	4.41		2.13
DC(M)L-032S	1/4											3.99	2.76	
DC(M)L-033		3/8	5	3.5	5.5							4.84		
DC(M)L-033S	3/8											4.15	2.76	
DC(M)L-052		1/4	2	1.5	2	19	28.5	17.5	14.5	23	13.5	4.76		
DC(M)L-052S	1/4											4.35	2.95	
DC(M)L-053		3/8	5	4	5.5							4.84		
DC(M)L-053S	3/8											4.5	2.95	
DC(M)L-082		1/4	2	1.5	5	27.5	44	27.5	22	33.5	21	5.37	3.98	
DC(M)L-082S	1/4											6.22		
DC(M)L-083		3/8	5.5	4	6							5.45	3.98	
DC(M)L-083S	3/8											6.38		
DC(M)L-084		1/2	7.5	5.5	8							5.51	3.98	
DC(M)L-084S	1/2											5.37	3.98	

DC(M)L-162		1/4	2	1.5	2	59.5	96	59.5	52	80.5	47.5	6.42		3.0
DC(M)L-162S	1/4											5.97	4.80	
DC(M)L-163		3/8	6	4.5	6.5							6.85		
DC(M)L-163S	3/8											6.24	4.80	
DC(M)L-164		1/2	18.5	6	9							7		
DC(M)L-164S	1/2											6.3	4.80	
DC(M)L-165		5/8	12	8.5	13.5							7.32		
DC(M)L-165S	5/8											6.56	4.80	
DC(M)L-167S	7/8		12	8.5	13.5							7.13	4.80	
DC(M)L-303		3/8	6	4.5	6.5	9.61								
DC(M)L-303S	3/8					9	8.13							
DC(M)L-304		1/2	8.5	6	9.5	9.88								
DC(M)L-304S	1/2					9.06	8.06							
DC(M)L-305		5/8	12.5	9	14	10.31								
DC(M)L-305S	5/8					9.31	8.06							
DC(M)L-306S	3/4		16.5	12	18.5	9.68	8.43							
DC(M)L-307S	7/8		16.5	12	18.5	9.88	8.38							
DC(M)L-309S	1-1/8		17.5	12.5	19	10.43	8.50							

REPLACEABLE FILTER CORE DRIER SHELLS

For 48 series Filter core



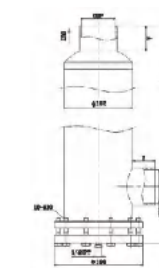
1. It can match all brands of 48 series Filter core
- 2.Complete specifications,cylinder diameter 114mm, maximum interface size 3-1/8"
- 3.For measuring pressure drop and filling with 1 /4 NPT access port
- 4.Liquid pipe application can choose 48 type drying filter core
- 5.The suction on the application can choose 48 type suction filter core

Model	ODF(in)		Pressure Drop $\Delta P=0.0014\text{bar}$ Fluid Refrigerating Capacity (Kw)					(mm)Dimensions				Filter Core
	Copper	Steel	R12	R134A	R22	R404A/R507	R502	A	B	H	L	
A-485	5/8	/	52.8	66.9	73.8	49.0	45.8	26	22	149	227	1
A-487	7/8	/	97.6	123.2	132.8	88.6	84.8	27	25	150	228	
A-489	1-1/8	7	140.2	168.6	187.0	124.2	120.0	27	25	150	228	
A-4811	1-3/8	/	160.2	196.8	214.6	140.2	138.2	32	28	155	232	
A-4813	1-5/8	/	224.2	274.6	298.0	198.2	194.6	32	28	155	232	
A-4817	2-1/8	/	253.3	310.2	332.2	235.2	211.2	39	32	161	239	
A-967	7/8	/	109.4	130.4	144.2	96.8	91.2	27	25	295	372	2
A-969	1-1/8	/	165.4	205.6	221.8	148.6	138.6	27	25	295	372	
A-9611	1-3/8	/	207.6	252.4	278.0	183.0	178.4	32	28	300	377	
A-9613	1-5/8	/	225.3	276.4	299.2	197.6	192.5	32	28	300	377	
A-9617	2-1/8	/	257.0	330.8	337.6	288.5	267.4	39	32	306	384	
A-1449	1-1/8	/	197.6	232.8	249.0	281.6	172.5	27	25	437	514	3
A-14411	1-3/8	/	267.5	320.2	344.2	239.4	235.4	32	28	442	519	
A-14413	1-5/8	/	292.2	348.5	373.6	260.5	257.0	32	28	442	519	
A-14417	2-1/8	/	330.8	397.3	429.4	295.7	288.6	39	32	448	526	
A-19211	1-3/8	/	285.4	336.8	366.0	253.2	248.6	32	28	592	669	4
A-19213	1-5/8	/	306.2	369.2	397.6	274.5	267.4	32	28	592	669	
A-19217	2-1/8	/	341.4	408.8	438.2	308.6	296.4	39	32	598	676	

Model	ODF(in)		Pressure Drop $\Delta P=0.0014\text{bar}$ Fluid Refrigerating Capacity (Kw)					(mm)Dimensions				Filter Core
	Copper	Steel	R12	R134A	R22	R404A/R507	R502	A	B	H	L	
B-485G	/	5/8	52.8	66.9	73.8	49.0	45.8	30	30	153	230	1
B-487G	/	7/8	97.6	123.2	132.8	88.6	84.8	32	32	155	232	
B-489G	/	1-1/8	140.2	168.6	187.0	24.2	120.0	32	32	155	232	
B-4811G	/	1-3/8	160.2	196.8	214.6	140.2	138.2	35	35	158	235	
B-4813G	/	1-5/8	224.2	274.6	298.0	198.2	194.6	38	38	161	238	
B-4817G	/	2-1/8	253.3	310.2	332.2	235.2	211.2	40	40	150	238	
B-4821G	/	2-5/8	274.6	335.4	348.6	260.5	232.3	54	50	152	245	
B-4824G	/	3	302.8	362.6	373.2	288.6	260.5	56	50	145	244	
B-4825G	/	3-1/8	345.2	386.3	394.4	302.2	278.0	56	50	144	243	

B-967G	/	7/8	109.4	1,304	144.2	96.8	91.2	32	32	300	377	2
B-969G	/	1-1/8	65.4	205.6	221.8	148.6	38.6	32	32	300	377	
B-9611G	/	1-3/8	207.6	252.4	278.0	183.0	178.4	35	35	303	380	
B-9613G	/	1-5/8	225.3	276.4	299.2	197.6	192.5	38	38	306	383	
B-9617G	/	2-1/8	257.0	330.8	337.6	288.5	267.4	40	40	295	383	
B-9621G	/	2-5/8	289.0	356.5	372.1	327.6	295.4	54	50	297	390	
B-9624G	/	3	323.2	380.4	383.2	360.5	320.4	56	50	290	389	3
B-9625G	/	3-1/8	373.0	394.6	402.6	374.6	368.0	56	50	289	388	
B-1449G	/	1-1/8	197.6	232.8	249.0	281.6	172.5	32	32	442	519	
B-14411G	/	1-3/8	267.5	320.2	344.2	239.4	235.4	35	35	445	522	
B-14413G	/	1-5/8	292.2	348.5	373.6	260.5	257.0	38	38	448	525	
B-14417G	/	2-1/8	330.8	397.3	429.4	295.7	288.6	40	40	437	525	
B-14421G	/	2-5/8	369.6	394.2	408.3	380.2	345.0	54	50	439	532	4
B-14424G	/	3	402.0	443.2	429.4	415.4	373.2	56	50	432	531	
B-14425G	/	3-1/8	436.3	454.1	464.5	447.5	380.2	56	50	431	530	
B-19211G	/	1-3/8	285.4	336.8	366.0	253.2	248.6	35	35	595	672	
B-19213G	/	1-5/8	306.2	369.2	397.6	274.5	267.4	38	38	598	675	
B-19217G	/	2-1/8	341.4	408.8	438.2	308.6	296.4	40	40	587	675	
B-19221G	/	2-5/8	422.4	485.2	521.0	492.8	348.5	54	50	589	682	4
B-19224G	/	3	456.2	507.8	534.6	510.4	406.4	56	50	582	681	
B-19225G	/	3-1/8	472.2	535.6	562.4	556.2	422.4	56	50	581	680	

For 100 series Filter core



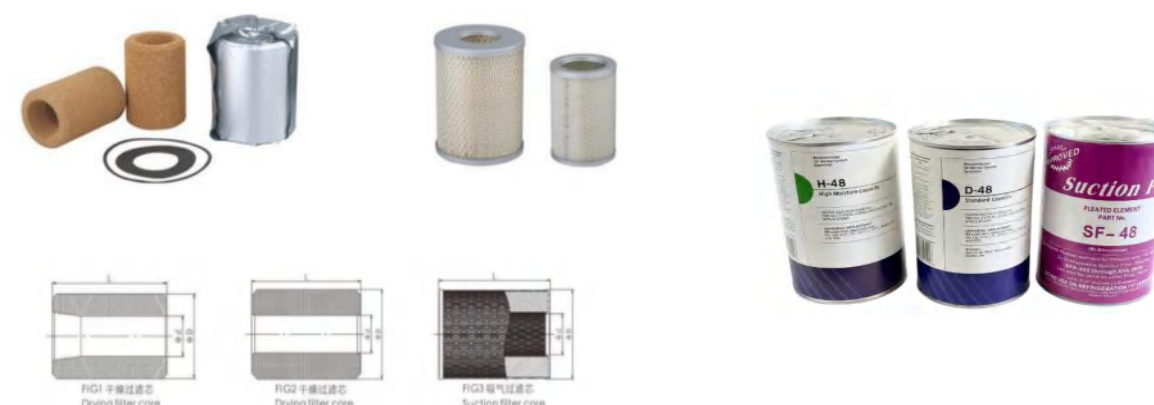
C- Series

- 1: It can match all the 100 series filter core of the brand
- 2: Cylinder diameter of 152 mm, maximum interface size 5-1 /4"
- 3: Measuring pressure drop and filling with 1/4 NPT access port
- 4: Optimize the design of the internal mounting bracket, screen layout, increase circulation to reduce the loss of pressure drop through the traffic
- 5: Fluid pipe application can choose the drying Filter core of type of 100
- 6: The suction on the application can choose the suction Filter core of type of 100

Model	ODF(in)		Pressure Drop $\Delta P=0.0014\text{bar}$ Fluid Refrigerating Capacity (Kw)					(mm)Dimensions				Filter Core
	Copper	Steel	R12	R134A	R22	R404A/R507	R502	A	B	H	L	
C-10013	1-5/8	/	190.0	191.0	280.0	240.0	156.0	32	28	183	304	1
C-10017	2-1/8	/	205.0	206.0	294.0	260.0	172.0	39	32	188	308	
C-10017G	/	2-1/8	205.0	206.0	294.0	260.0	172.0	40	40	189	310	
C-10021G	/	2-5/8	221.0	225.0	302.0	287.0	191.0	54	50	201	322	
C-10024G	/	3	237.0	238.0	325.0	316.0	204.0	56	50	196	322	
C-10025G	/	3-1/8	242.0	249.0	342.0	339.0	230.0	56	50	195	321	2
C-20013	1-5/8	/	251.0	260.0	360.0	374.0	256.0	32	28	343	464	
C-20017	2-1/8	/	265.0	273.0	382.0	390.0	280.0	39	32	348	468	
C-20017G	/	2-1/8	265.0	273.0	382.0	390.0	280.0	40	40	349	470	
C-20021G	/	2-5/8	282.0	297.0	408.0	308.0	312.0	54	50	361	482	
C-20024G	/	3	305.0	319.0	431.0	321.0	340.0	56	50	356	482	
C-20025G	/	3-1/8	331.0	327.0	453.0	336.0	367.0	56	50	355	481	
C-20028G	/	3-1/2	371.0	341.0	476.0	359.0	381.0	60	50	357	483	
C-20029G	/	3-5/8	398.0	364.0	498.0	378.0	305.0	60	50	356	482	
C-20034G	/	4-1/4	422.0	382.0	521.0	391.0	323.0	57	50	338	474	3
C-30013	1-5/8	/	422.0	510.0	545.0	411.0	355.0	32	28	503	624	
C-30017	2-1/8	/	447.0	534.0	579.0	433.0	3,700	39	32	508	628	
C-30017G	/	2-1/8	447.0	534.0	579.0	433.0	370.0	40	40	509	530	
C-30021G	/	2-5/8	473.0	556.0	602.0	457.0	389.0	54	50	521	642	
C-30024G	/	3	482.0	572.0	617.0	462.0	396.0	56	50	516	642	
C-30025G	/	3-1/8	492.0	589.0	635.0	480.0	405.0	56	50	515	641	
C-30028G	/	3-1/2	501.0	600.0	654.0	486.0	407.0	60	50	517	543	
C-30029G	/	3-5/8	510.0	610.0	672.0	492.0	410.0	60	50	516	642	
C-30034G	/	4-1/4	523.0	632.0	694.0	511.0	427.0	57	50	498	634	4
C-40013	1-5/8	/	515.0	632.0	681.0	493.0	421.0	32	28	663	784	
C-40017	2-1/8	/	545.0	654.0	703.0	528.0	457.0	39	32	668	788	
C-40017G	/	2-1/8	545.0	654.0	703.0	528.0	457.0	40	40	669	790	
C-40021G	/	2-5/8	573.0	694.0	729.0	549.0	478.0	54	50	681	802	
C-40024G	/	3	608.0	734.0	754.0	570.0	499.0	56	50	676	802	
C-40025G	/	3-1/8	631.0	754.0	776.0	691.0	520.0	56	50	675	801	
C-40028G	/	3-1/2	659.0	776.0	795.0	623.0	547.0	60	50	677	803	
C-40029G	/	3-5/8	673.0	792.0	816.0	649.0	574.0	60	50	676	802	
C-40034G	/	4-1/4	698.0	803.0	832.0	673.0	598.0	57	50	658	794	
C-40042G	/	5-1/4	720.0	831.0	857.0	699.0	327.0	57	50	635	784	

FILTER CORE AND SUCTION FILTER ELEMENT

Type of 48, type of 100 drying filter core is suitable for the HFC, as CFC and corresponding frozen oil, can apply to all removable cartridge filters on the market, this series of dry filter in order to satisfied different use function of subdivided into different components. Suction filter adopts pleated structure, increase the filter filter area, reduced the pressure drop loss.



Model	Main ingredients	Performance Feature	(mm)Dimensions			Type
			φd	φ D	L	
H-48	100%Molecular sieve	1:Super water absorbing capacity 2:Good compatibility with refrigerant solvent oil 3:Effective filtering impurities 4:Shock resistant,small pressure drop	45	94	140	CIG1
H-100			52	123	165	CIG2
D-48	Molecular sieve+ 20%Alumina	1:Strong water absorbing capacity 2:Good compatibility with refrigerant solvent oil 3:Effective filtering impurities 4:Absorb the surplus acid within the system	45	94	140	CIG1
D-100			52	123	165	CIG2
W-48	48%Molecular sieve+ 47%Alumina +5%Activated carbon	1:Standard water absorption ability 2:Strong acid absorbing ability 3:Effective filtering impurities 4:Compressor used to repair the burn out	45	94	140	CIG1
W-100			52	123	165	CIG2
XCL-48	Pleated Fiber Fiter paper	1:The filter has big filter area 2:Reduce the resistance pressure drop 3:20um filtration precision 4: Double diamond support frame	54	92	140	CIG3
XCL-100			54	120	166	CIG3

BI-FLOW FILTER DRIER

1. internal adopts automatic open and close the reversing device, refrigerant flow and filtration can be carried out in any one party
2. Prevent system of diaphragm impact overload when reversing, structure increased the buffer bracket design, both protect the diaphragm and can ensure a steady flow
3. installation position is not restricted
4. Surface coating with corrosion resistant epoxy powder coating, match the requirement of 500 hours salt spray testing
5. Maximum working pressure is 45 bar

Model	in Connections		Pressure Drop $\Delta P=0.07\text{bar}$ Fluid Refrigeranting Capacity (Kw)			(mm)Dimensions				Type
	ODF	SAE	R22	R410A	R407C	A	B	D	L	
BF-052		1/4	5.6	5.6	5.6	22.5	76	63.5	121	FIG1
BF-052S	1/4		7.7	7.7	7.7	18			112	FIG2
BF-053		3/8	12.4	12.4	12.0	27.5			131	FIG1
BF-053S	3/8		13.8	13.8	13.6	19			114	FIG2
BF-082		1/4	7.0	7.0	6.9	22.5	100	63.5	145	FIG1
BF-082S	1/4		7.8	7.8	7.4	18			136	FIG2
BF-083		3/8	15.8	15.8	15.4	27.5			155	FIG
BF-083S	3/8		17.8	17.8	17.4	19			138	FIG2
BF-084		1/2	22.5	22.5	22.1	30			160	FIG1
BF-084S	1/2		23.6	23.6	23.2	20			140	FIG2
BF-085		5/8	27.4	27.4	26.6	35			170	FIG1
BF-085S	5/8		28.5	28.5	27.8	24			148	FIG2
BF-162		1/4	8.1	8.8	8.4	22.5	110	76	155	FIG
BF-162S	1/4		10.9	12.0	11.6	18.5			146	FIG2
BF-163		3/8	16.2	16.2	15.8	27.5			165	FIG1
BF-163S	3/8		18.3	18.3	17.9	19			148	FIG2
BF-164		1/2	27.1	27.1	26.7	30			170	FIG1
BF-164S	1/2		28.5	28.5	27.8	20			150	FIG2
BF-165		5/8	29.2	29.2	28.5	35			180	FIG1
BF-165S	5/8		30.6	30.6	29.9	24			158	FIG2
BF-166		3/4	34.5	34.5	33.6	40			190	FIG1
BF-166S	3/4		36.6	36.6	35.9	26			162	FIG2
BF-167S	7/8		40.2	40.2	39.6	28.5			167	FIG2
BF-303		3/8	18.3	18.3	17.9	27.5	181	76	236	FIG1
BF-303S	3/8		20.4	20.4	20.0	19			219	FIG2
BF-304		1/2	26.8	26.8	26.4	30			241	FIG1
BF-304S	1/2		34.1	34.1	33.4	20			221	FIG1
BF-305		5/8	36.3	36.3	35.5	35			251	FIG1
BF-305S	5/8		50.0	50.0	48.9	24			229	FIG2
BF-306		3/4	43.0	43.0	40.2	40			261	FIG1
BF-306S	3/4		56.3	56.3	55.3	26			233	FIG2
BF-307S	7/8		58.8	58.8	57.7	28.5			238	FIG2
BF-309S	1-1/8		68.9	68.9	67.8	29			239	FIG2

VERTICAL LIQUID RECEIVER



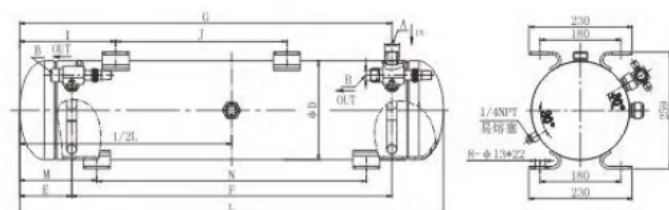
Model	A (mm)	B (mm)	Inlet/Outlet	Volume	Valve
0.5HP	177	97	3/8"	1L	V01
1HP	225	118	3/8"	2. 2L	V01
2HP	230	130	3/8"	3L	V01
3HP	250	147	1/2"	4L	V06
5HP	270	155	1/2"	6L	V06
8HP	300	180	1/2"	8L	V06
10HP	305	219	5/8"	10L	V09
12HP	340	219	5/8"	12L	V09
14HP	380	219	5/8"	14L	V09

HORIZONTAL LIQUID RECEIVER

- 1: Adopt the steel structure design
- 2: in/out liquid interface can be customized according to customer's requirements
- 3: There is no limit on the cut-off valve installation angle, depending on the sight glass is optional
- 4: Horizontal liquid receiver in order to achieve the best operation, should be installed
- 5: Surface coated with corrosion resistant epoxy powder coating
- 6: Maximum working pressure 35 bar

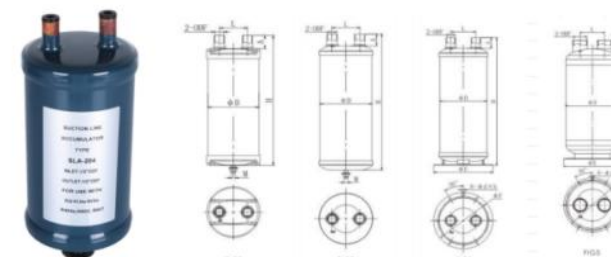


Model	Inlet A (in)	Outlet B (in)	(mm) Dimensions									Volume
			φD	E	F	M	N		J	H	L	
12L	7/8	7/8	159	110	450	110	450	120	165	110	670	12.0L
14L	5/8	5/8	159	110	580	140	520	120	165	110	800	14.3L
14L-A	7/8	7/8	159	110	580	140	520	220	270	110	800	14.3L
18L-A	7/8	7/8	159	120	760	175	650	220	270	110	1000	18.0L
23L-A	5/8	5/8	219	140	420	120	460	220	270	139.5	700	23.1L
27L-A	7/8	7/8	219	150	500	135	530	220	270	139.5	800	26.7L
30L-A	7/8	7/8	219	150	600	175	550	220	270	139.5	900	30.0L
33L-A	7/8	7/8	219	150	700	175	650	220	270	139.5	1000	33.4L
33L-A	1-1/8	1-1/8	219	150	700	175	650	220	270	139.5	1000	33.4L
40L-A	7/8	7/8	273	160	480	150	500	220	270	166.5	800	40.0L
40L-A	1-1/8	1-1/8	273	160	480	150	500	220	270	166.5	800	40.0L
45L-A	7/8	7/8	273	160	580	150	600	220	270	166.5	900	45.0L
45L-A	1-1/8	1-1/8	273	160	580	150	600	220	270	166.5	900	45.0L
45L-A	1-3/8	1-3/8	273	160	580	150	600	220	270	166.5	900	45.0L
50L-A	1-1/8	1-1/8	273	160	680	175	650	220	270	166.5	1000	50.4L
50L-A	1-3/8	1-3/8	273	160	680	175	650	220	270	166.5	1000	50.4L
55L-A	1-1/8	1-1/8	273	160	780	200	700	220	270	166.5	1100	54.7L
55L-A	1-3/8	1-3/8	273	160	780	200	700	220	270	166.5	1100	54.7L



Model	Inlet A (in)	Outlet B (in)	(mm) Dimensions									Volume
			φD	E	F	M	N	I	J	H	L	
20L-B	1-1/4-12UUNF	7/8	219	159	390	132	400	111	381	549	664	20.8L
30L-B	1-1/4-12UUNF	7/8	219	116	713	172	600	214	381	829	944	30.2L
40L-B	1-1/4-12UUNF	7/8	219	116	983	237	740	349	381	1099	1214	39.3L

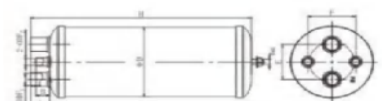
SUCTION LINE ACCUMULATORS



Model	In the refrigeration capacity of the evaporation temperature(KW)						ODF (in)	mm Dimensions						Volume	Type	
	R22		R134a		R404A			φD	A	L	H	φF	φE			dhM
	-18℃	5℃	-18℃	5℃	-18℃	5℃										
SLA-204	3.2	7.0	2.17	4.3	2.8	4.6	1/2	102	28	52	233	/	/	M10	1.5L	FIG2
SLA-205	4.9	10.5	2.8	6.0	4.2	7.0	5/8	102	28	52	283	/	/	M10	1.8L	HG2
SLA-206	6.3	14.1	3.2	8.1	5.3	9.2	3/4	140	28	80	288	/	/	M10	3.5L	FIG2
SLA-207	11.6	25.7	6.3	14.0	9.5	16.2	7/8	140	33	80	353	/	/	M10	4.4L	HG2
SLA-208	18.9	41.5	10.9	25.3	15.5	26.7	1-1/8	159	38	85	438	/	/	M12	7.2L	FIG2
SLA-209	29.9	66.1	16.2	37.6	25.3	42.9	1-3/8	159	40	85	535	/	/	M12	8.9L	FIG2
SLA-210	45.0	101.3	25.7	59.8	37.6	64.0	1-5/8	159	42	85	592	/	/	M12	9.9L	FIG2
SLA-596	6.3	14.1	3.2	8.1	5.3	9.2	3/4	127	30	70	265	/	/	M10	2.6L	FIG1
SLA-597	11.6	25.7	6.3	14.0	9.5	16.2	7/8	127	35	70	270	/	/	M10	2.6L	FIG 1
SLA-5126	6.3	14.1	3.2	8.1	5.3	9.2	3/4	127	30	70	325	/	/	M10	3.3L	FIG1
SLA-5127	11.6	25.7	6.3	14.0	9.5	16.2	7/8	127	35	70	340	/	/	M10	3.5L	FIG1
SLA-5137	11.6	25.7	6.3	14.0	9.5	16.2	7/8	127	35	70	390	/	/	M10	4.0L	FIG1
SLA-5139	18.9	41.5	10.9	25.3	15.5	26.7	1-1/8	127	40	70	395	/	/	M10	4.0L	FIG1
SLA-5179	18.9	41.5	10.9	25.3	15.5	26.7	1-1/8	127	40	70	475	/	/	M10	5.0L	FIG1
SLA-5171	29.9	66.1	16.2	37.6	25.3	42.9	1-3/8	127	42	70	477	/	/	M10	5.0L	FIG1
SLA-6141	45.0	101.3	25.7	59.8	37.6	64.0	1-3/8	159	40	85	410	/	/	M12	6.5L	FIG2
SLA-62013	45.0	101.3	25.7	59.8	37.6	64.0	1-5/8	159	42	85	572	/	/	M12	9.5L	FIG2

Model	ODF (in)	mm Dimensions							Volume	Type
		φD	A	L	H	φF	φE	φd*h		
SLA-2117	2-1/8	219	55	100	427	219	250	φ11*22	11.0L	FIG5

HEAT EXCHANGER ACCUMULATORS



Model	In the refrigeration capacity of the evaporation temperature(KW)						Low pressure welding	High pressure welding	(mm) Dimensions							Volume
	R22 -18℃ 5℃		R134a -18℃ 5℃		R404A -18℃ 5℃				ODF1 (in)	ODF2 (in)	φD	A	B	E	F	
SLA-2404	3.2	7.0	2.17	4.3	2.8	4.6	1/2	3/8	102	28	26	58	60	248	M10	1.6L
SLA-2405	4.9	10.5	2.8	6.0	4.2	7.0	5/8	3/8	102	28	26	54	60	303	M10	2.0L
SLA-2406	6.3	14.1	3.2	8.1	5.3	9.2	3/4	1/2	140	33	28	80	70	293	M10	3.5L
SLA-2407	11.6	25.7	6.3	14.0	9.5	16.2	7/8	1/2	140	33	28	80	70	353	M10	4.5L
SLA-2411	18.9	41.5	10.9	25.3	15.5	26.7	1-1/8	5/8	159	38	28	80	95	438	M12	7.2L
SLA-2413	29.9	66.1	16.2	37.6	25.3	42.9	1-3/8	3/4	159	40	30	80	80	570	M12	9.5L
SLA-2415	41.0	79.2	24.1	50.8	32.6	53.0	1-5/8	7/8	159	43	32	80	80	623	M12	10.5L
SLA-2417	49.6	92.4	35.4	71.7	42.8	75.3	2-1/8	1-1/8	159	45	35	80	80	625	M12	10.5L

OIL SEPARATOR

Detachable Oil Separator

Model	In the refrigeration capacity of the evaporation temperature(KW)						ODF (in)	Oil return SAE(in)	(mm)Dimensions					Pre-chane qw (mL)	Volume (L)	Remarks					
	R404A/R507		R134		R22/R407C				φD	L	h	H	M								
	-40℃	+5℃	-40℃	+5℃	-40℃	+5℃															
DOSA-5301	5.31	7.0	3.2	6.2	5.3	7.1	1/2	1/4	102	50	243	275	M10	400m L	1.70L	①					
DOSA-5302	14.2	19.3	11.4	15.8	15.9	19.5	5/8				335	370			2.38L						
DOSA-5303	22.8	29.2	16.7	22.4	24.8	28.3	7/8				415	455			2.98L						
DOSA-5304	30.0	37.6	22.4	29.9	31.8	37.2	1-1/8				440	482			3.16L						
DOSA-5305	36.7	49.0	28.1	40.4	40.5	47.8	1-3/8				478	520			3.44L						
DOSB-5301	5.31	7.0	3.2	6.2	5.3	7.1	1/2	3/8	102	50	243	275	M10	400m L	1.70L	①					
DOSB-5302	14.2	19.3	11.4	15.8	15.9	19.5	5/8				335	370			2.38L						
DOSB-5303	22.8	29.2	16.7	22.4	24.8	28.3	7/8				415	455			2.98L						
DOSB-5304	30.0	37.6	22.4	29.9	31.8	37.2	1-1/8				440	482			3.16L						
DOSB-5305	36.7	49.0	28.1	40.4	40.5	47.8	1-3/8				478	520			3.44L						
DOSB-6303	41.0	50.8	33.4	48.4	45.2	49.8	1-3/8				159	75			362	404	M12	800m L	6.20L	②	
DOSB-6304	51.4	65.2	41.3	56.3	56.5	63.4	1-5/8								430	476			7.20L		
DOSB-6305	88.5	108.6	63.3	89.0	91.4	105.5	2-1/8								478	530			8.30L		

DOSA 1/4" SAE
DOSB 3/8" SAE

OSA 1/4" SAE
OSB 3/8" SAE

Remarks :

① Diameter less than 1-1/8", copper pipe and end cover without steel bush

② The diameter greater than or equal to 1-1/8", copper pipe and end cover increased steel bush



Oil Separator

Model	In the refrigeration capacity of the evaporation temperature(KW)						ODF (in)	Oil return SAE(in)	(mm)Dimensions					Pre-chane qw(m L)	Volume (L)	Remark
	R404A/R507		R134		R22/R407C				φD	L	h	H	M			
	-40℃	+5℃	-40℃	+5℃	-40℃	+5℃										
OSA-55833	/	/	/	/	/	/	3/8	1/4	102	48	214	248	M10	400m L	1.47L	①
OSA-55824	5.31	7.0	3.2	6.2	5.3	7.1	1/2				240	272			1.73L	
OSA-55855	14.2	19.3	11.4	15.8	15.9	19.5	300				335	2.17L				
OSA-55855A							325				360	2.36L				
OSA-55856	/	/	/	/	/	/	3/4				325	365			2.36L	
OSA-55877	22.8	29.2	16.7	22.4	24.8	28.3	340				382	2.47L				
OSA-55877A							400				442	2.91L				
OSA-55889	30.0	37.6	22.4	29.9	31.8	37.2	370				412	2.70L			②	
OSA-55889A							430				472	3.13L				
OSA-559011	36.7	49.0	28.1	40.4	40.5	47.8	450				492	3.28L				
OSA-559011A							475				517	3.47L				
OSB-55833	/	/	/	1	/	/	3/8	3/8	102	48	214	248	M10	400m L		1.47L
OSB-55824	5.31	7.0	3.2	6.2	5.3	7.1	1/2				240	272			1.73L	
OSB-55855	14.2	19.3	11.4	15.8	15.9	19.5	300				335	2.17L				
OSB-55855A							325				360	2.36L				
OSB-55856	/	/	/	/	/	/	3/4				325	365			2.36L	
OSB-55877	22.8	29.2	16.7	22.4	24.8	28.3	340				382	2.47L				
OSB-55877A							400				442	2.91L				
OSB-55889	30.0	37.6	22.4	29.9	31.8	37.2	370				412	2.70L			②	
OSB-55889A							430				472	3.13L				
OSB-559011	36.7	49.0	28.1	40.4	40.5	47.8	450				492	3.28L				
OSB-559011A							475				517	3.47L				
OSB-569011	41.0	50.8	33.4	48.4	45.2	49.8	360				402	6.20L				
OSB-569211							430				472	7.50L				
OSB-569213	51.4	65.2	41.3	56.3	56.5	63.4	1-5/8				430	476			7.50L	
OSB-569417	88.5	108.6	63.3	89.0	91.4	105.5	2-1/8				430	482			7.50L	

ELECTRIC CONTROLLER BOX

- ◆Power supply: 380 VAC $\pm 10\%$, 50Hz;
- ◆Temperature measuring and controlling range: $-50\sim+50^{\circ}\text{C}$;
- ◆Accuracy: $\pm 1^{\circ}\text{C}$;
- ◆Resolution: 0.1°C ;

ECB-5040	Single cooling type
ECB-5060	Cooling, defrosting type
ECB-5080	Cooling, defrosting, fan type
ECB-6010	Water pump, cooling type
ECB-6030	Water pump, cooling, fan type

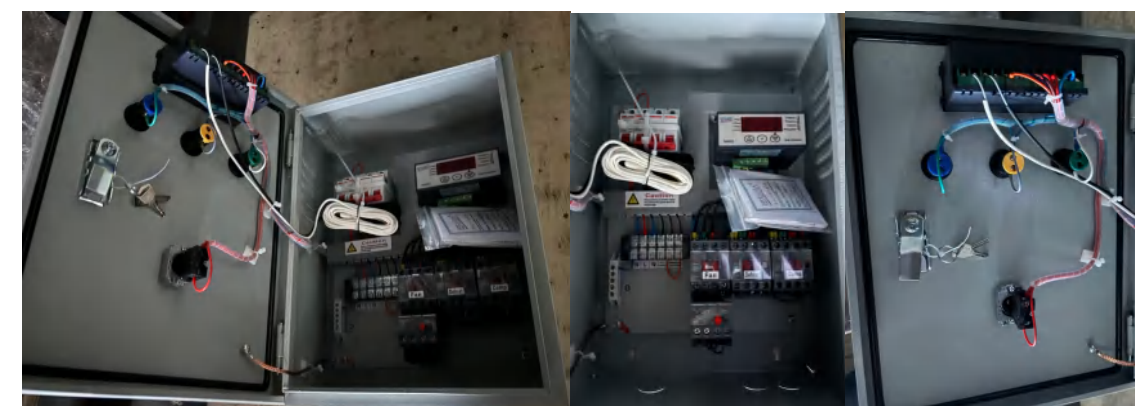


Customizable



- ◆Power supply: AC220V $\pm 10\%$, 50/60Hz;
- ◆Temperature measuring range: $-50^{\circ}\text{C}\sim 99^{\circ}\text{C}$
- ◆Temperature controlling range $-40^{\circ}\text{C}\sim 90^{\circ}\text{C}$
- ◆Relay contact output capacity: Compressor 5HP/230VAC (MAX), four-way valve 5A/220VAC;

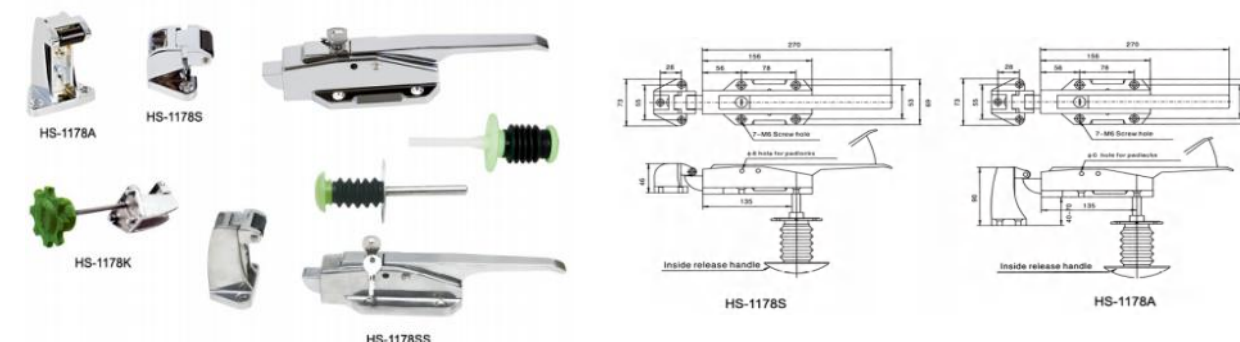
ECB1000Q	Temperature Controller(Cooling, defrost, fan,light, alarm),suit for small cold room
ECB1000E	Temperature Controller (Cooling and deforst)
ECB1000P	Temperature Controller (Cooling and heating, suit for sea food pool)



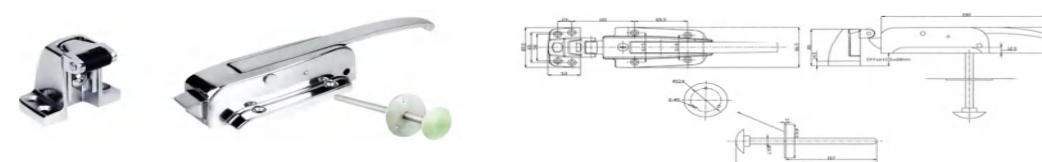
COLD ROOM DOOR ACCESSORIES



Door Latches and handles



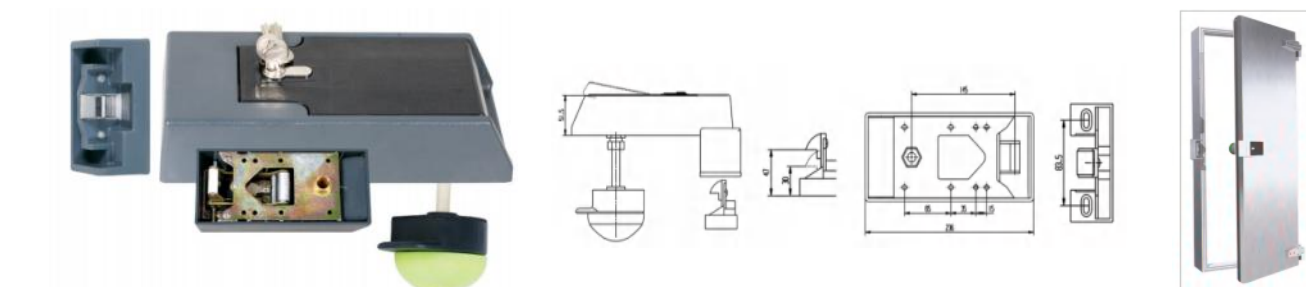
编号 Model NO.	名称 Name	材质 Material	安装高度 (mm) Install Ation Height	重量 (KG) Weight	装箱数 / (套) Packing NO.(SETS)
HS-1178A	冷冻库凸门安全把手 Cam-lift Safety Latch	锌合金 High Pressure Die-Cast Zinc	40-70	1.5	10
HS-1178S	冷冻库平门安全把手 Plane Safety Latch	锌合金 High Pressure Die-Cast Zinc	0	1.5	10
HS-1178AA	冷冻库凸门安全把手 Cam-lift Safety Latch	不锈钢 Stainless Steel	40-70	1.65	10
HS-1178SS	冷冻库平门安全把手 Plane Safety Latch	不锈钢 Stainless Steel	0	1.55	10
HS-1178K	冷冻库安全把手 Safety Latches Inside Release Handel	锌合金 High Pressure Die-Cast Zinc	-	0.65	-



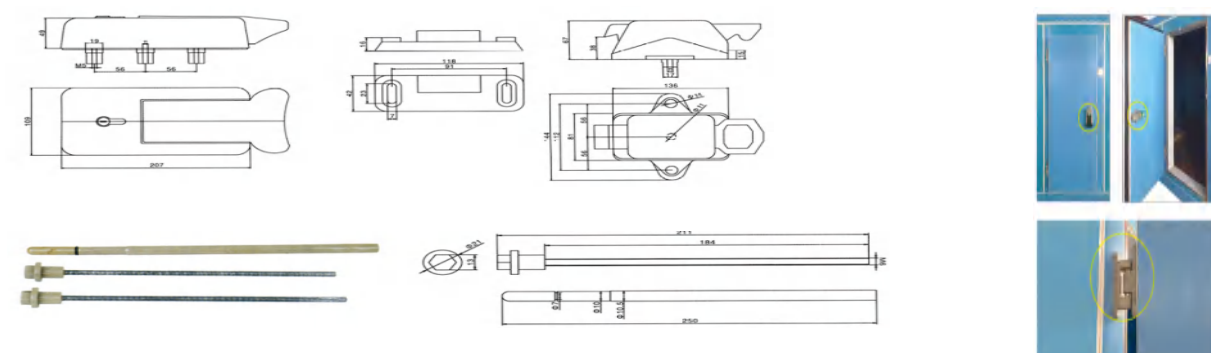
编号 Model NO.	名称 Name	材质 Material	安装高度 (mm) Install Ation Height	重量 (KG) Weight	装箱数 (套) Packing NO.(SETS)	备注 Remarks
HS-1179	冷冻库凸门安全把手 Cam-lift Safety Latch	不锈钢 Stainless Steel	5-38	1.9	10	不带锁 W/O Lock



编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 / (套) Packing NO.(SETS)	备注 Remarks
HS-1888A	冷冻库凸门安全把手 Cam-lift Safety Latch	锌合金 High Pressure Die-Cast Zinc	1.8	10	带锁 With Lock
HS-1888S	冷冻库平门安全把手 Plane Safety Latch	锌合金 High Pressure Die-Cast Zinc	1.8	10	不带锁 W/O Lock



编号 Model NO.	名称 Name	材质 Material	安装高度 (mm) Install Ation Height	重量 (KG) Weight	装箱数 (套) Packing NO.(SETS)
HS-1188	冷冻库凸门安全把手 Cam-lift Safety Latch	高密度 ABS High-density ABS	45-55	1.9	10



编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 / (套) Packing NO.(SETS)
HS-4000	冷库门安全把手 Safety Latch	塑胶 Plastic	0.72	10
HS-4100	冷库门安全把手 Safety Latch	塑胶 Plastic	0.35	10
HS-4200	冷库门安全把手 Safety Latch	塑胶 Plastic	0.2	50
HS-1193	冷库门安全把手 Safety Latch	塑胶 Plastic	0.2	50



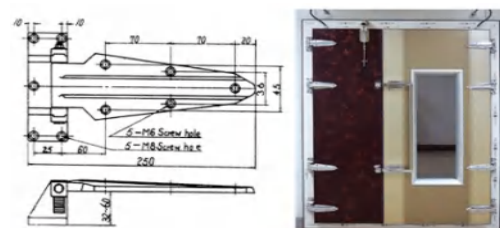
编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 (套) Packing NO.(SETS)
HS-1189	冷冻库回归平门把手 Locking Handle	不锈钢 Stainless Steel	2.5	10
HS-1189P	冷冻库回归平门把手 Locking Handle	锌合金 High Pressure Die-Cast Zinc	2.3	10



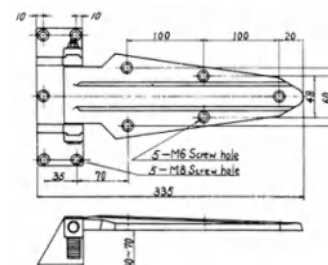
编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 (套) Packing NO.(SETS)	备注 Remarks
HS-1199	冷冻库凸门安全把手 Cam-lift Safety Latch	高密度 ABS High-density ABS	2.5	10	带锁 With Lock 不带锁 W/O Lock



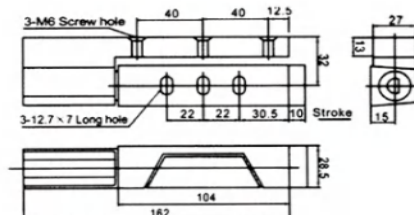
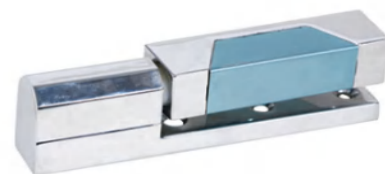
编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 (套) Packing NO.(SETS)	备注 Remarks
HS-1210	冷冻库回归平门把手 Locking Handle	不锈钢 Stainless Steel	1.1	20	带荧光 With Fluorescent
HS-1211	冷冻库回归平门把手 Locking Handle	锌合金 High Pressure Die-Cast Zinc	1.8	20	带荧光 With Fluorescent



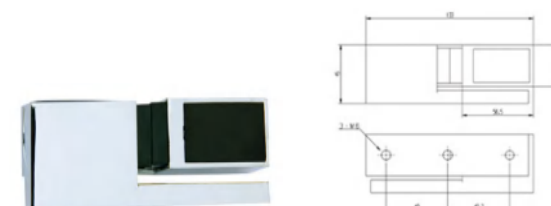
编号 Model NO.	名称 Name	材质 Material	安装高度 (mm) Install Ation Height	重量 (KG) Weight	装箱数 / (只) Packing NO.(PCS)
HS-1460C	冷冻库可调式门铰链 Adjustable Door Hinges	锌合金 High Pressure Die-Cast Zinc	32-60	1	20
HS-1460	冷冻库可调式门铰链 Adjustable Door Hinges	锌合金 High Pressure Die-Cast Zinc	32-60	0.75	20
HS-1460S	冷冻库可调式门铰链 Adjustable Door Hinges	不锈钢 Stainless Stee	32-60	0.85	20
HS-1460SS	冷冻库可调式门铰链 Adjustable Door Hinges	不锈钢 Stainless Stee	32-90	0.95	20



编号 Model NO.	名称 Name	材质 Material	安装高度 (mm) Install Ation Height	重量 (KG) Weight	装箱数 / (只) Packing NO.(PCS)
HS-1460CS	冷冻库可调式门铰链 Adjustable Door Hinges	不锈钢 Stainless Stee	32-60	0.75	20
HS-1470	冷冻库可调式门铰链 Adjustable Door Hinges	锌合金 High Pressure Die-Cast Zinc	40-70	1.4	20
HS-1470S	冷冻库可调式门铰链 Adjustable Door Hinges	不锈钢 Stainless Stee	40-70	1.6	12



编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 / (只) Packing NO.(PCS)
HS-1132	冷冻库升降型门铰链 Reversible Reach-In Edgenount Cam-Lift Hinge	锌合金 High Pressure Die-Cast Zinc	0.45	50
HS-1132S	冷冻库可调式门铰链 Adjustable Door Hinges	不锈钢 Stainless Stee	0.55	50



编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 / (只) Packing NO.(PCS)
HS-1138	冷冻库升降型门铰链 Reversible Reach-In Edgenount Cam-Lift Hinge	锌合金 High Pressure Die-Cast Zinc	0.6	50



编号 Model NO.	名称 Name	材质 Material	安装高度 (mm) Install Ation Height	重量 (KG) Weight	装箱数 / (只) Packing NO.(PCS)
HS-1140	冷冻库升降型门铰链 Reversible Reach-In Edgenount Cam-Lift Hinge	锌合金 High Pressure Die-Cast Zinc	50-69	1.2	20



HS-1191



HS-1158



HS-1192



HS-1128

编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 (只) Packing NO.(PCS)
HS-1191	冷冻库升降型凸门铰链 Reversible Reach-in Cam-lift Hinge	高密度 ABS High-density ABS	0.25	40
HS-1192	冷冻库升降型凸门铰链 Reversible Reach-in Cam-lift Hinge	高密度 ABS High-density ABS	0.42	40
HS-1158	冷冻库升降型凸门铰链 Reversible Reach-in Cam-lift Hinge	不锈钢 Stainless Steel	0.59	30
HS-1128	冷冻库升降型凸门铰链 Reversible Reach-in Cam-lift Hinge	锌合金 High Pressure Die-Cast Zinc	0.63	50

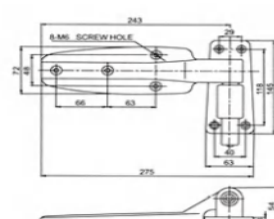


HS-1230B

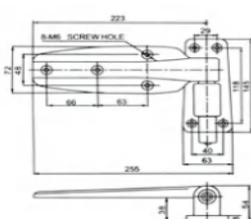
HS-1238B

HS-1230A

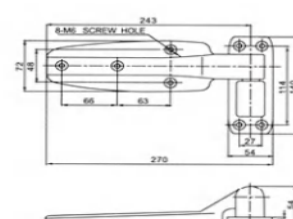
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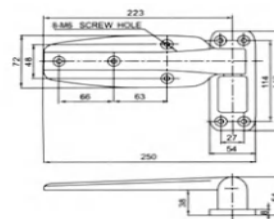
HS-1230B



HS-1238B



HS-1230A



HS-1238A

编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 (只) Packing NO.(PCS)	备注 Remarks
HS-1238A	冷库升降型凸门铰链 Reversible Reach-in Cam-lift Hinge	锌合金 High Pressure Die-Cast Zinc	1.25	20	不附弹簧 W/O spring
HS-1230A	冷库升降型平门铰链 Reversible Reach-in Plane Hinge	锌合金 High Pressure Die-Cast Zinc	1.25	20	不附弹簧 W/O spring
HS-1238B	冷库升降型凸门铰链 Reversible Reach-in Cam-lift Hinge	锌合金 High Pressure Die-Cast Zinc	1.35	20	附弹簧 With spring
HS-1230B	冷库升降型平门铰链 Reversible Reach-in Plane Hinge	锌合金 High Pressure Die-Cast Zinc	1.35	20	附弹簧 With spring



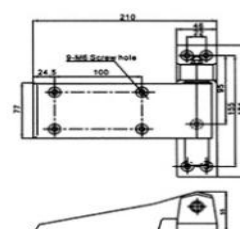
HS-1220-1



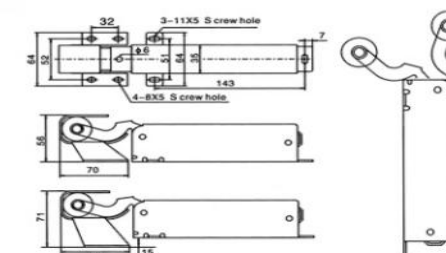
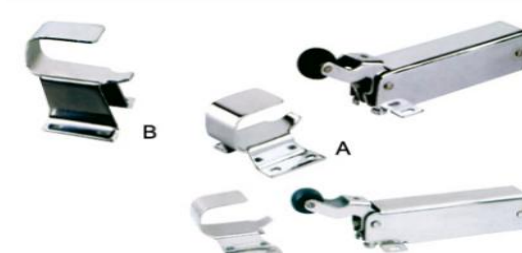
HS-1220-2



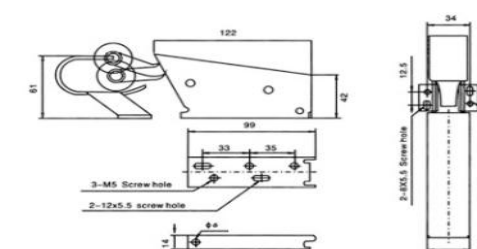
HS-1320



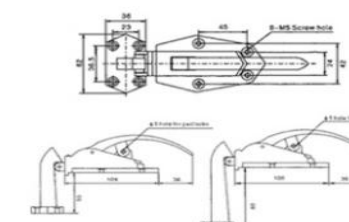
编号 Model NO.	名称 Name	材质 Material	重量 (KG) Weight	装箱数 (只) Packing NO.(PCS)	备注 Remarks
HS-1220-1	冷库升降型平门铰链 Reversible Reach-in Plane Hinge	锌合金 High Pressure Die-Cast Zinc	1.6	20	附弹簧 With spring
HS-1220-2	冷库升降型平门铰链 Reversible Reach-in Plane Hinge	不锈钢 Stainless Steel	1.7	20	附弹簧 With spring
HS-1320	冷库升降型平门铰链 Reversible Reach-in Plane Hinge	锌合金 High Pressure Die-Cast Zinc	1.6	20	附弹簧 With spring



编号 Model NO.	名称 Name	材质 Material	特征 Specification	重量 (KG) Weight	装箱数 (只) Packing NO.(PCS)	备注 Remarks
HS-2000	冷库闭门回归器 Door Closers	钢外壳 Steel Housing	-40℃	0.8	20	氮气气压芯 Nitrogen Air Pressure Core
HS-2000SS	冷库闭门回归器 Door Closers	不锈钢 Stainless Steel	-40℃	0.78	20	氮气气压芯 Nitrogen Air Pressure Core
HS-2000Y	冷库闭门回归器 Door Closers	钢外壳 Steel Housing	-20℃	0.85	20	液压芯 Hydraulic Core
HS-2000SSY	冷库闭门回归器 Door Closers	不锈钢 Stainless Steel	-20℃	0.85	20	液压芯 Hydraulic Core



编号 Model NO.	名称 Name	材质 Material	特征 Specification	重量 (KG) Weight	装箱数 (只) Packing NO.(PCS)	备注 Remarks
HS-200	冷库闭门回归器 Door Closers	钢外壳 Steel Housing	-	0.56	40	弹簧芯 Spring Core
HS-200SS	冷库闭门回归器 Door Closers	不锈钢 Stainless Steel	-	0.56	40	弹簧芯 Spring Core
HS-200Y	冷库闭门回归器 Door Closers	钢外壳 Steel Housing	-20℃	0.8	40	液压芯 Hydraulic Core
HS-200SSY	冷库闭门回归器 Door Closers	不锈钢 Stainless Steel	-20℃	0.8	40	液压芯 Hydraulic Core



编号 Model NO.	名称 Name	材质 Material	安装高度 (mm) Install Ation Height	重量 (KG) Weight	装箱数 (套) Packing NO.(SETS)
HS-1060	冷库凸门把手 Surface Mount Latch	锌合金 High Pressure Die-Cast Zinc	80	0.5	50



编 号 Model NO.	名 称 Name	材 料 Material	重 量 (KG) Weight	装箱数(付) Packing No. (SETS)	备 注 Remark
HS-1250A	门把手 Edgemount Mechanical Latch	锌合金 High Pressure Die-Cast Zinc	0.6	30	带锁 With lock
HS-1250B	门把手 Edgemount Mechanical Latch	锌合金 High Pressure Die-Cast Zinc	0.6	30	不带锁 W/o lock



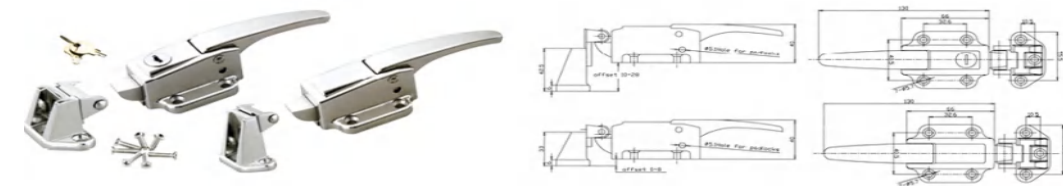
编 号 Model NO.	名 称 Name	材 料 Material	重 量 (KG) Weight	装箱数(套) Packing No. (SETS)
HS-1240	门把手 Edgemount Mechanical Latch	锌合金 High Pressure Die-Cast Zinc	0.6	50



编 号 Model NO.	名 称 Name	材 料 Material	重 量 (KG) Weight	装箱数 (套) Packing No. (SETS)
HS-1400	冷冻库凸门把手 Surface Mount Latch	锌合金 High Pressure Die-Cast Zinc	0.4	50



编 号 Model NO.	名 称 Name	材 料 Material	重 量 (KG) Weight	装箱数 (套) Packing No. (SETS)
HS-1300	冷冻库凸门把手 Surface Mount Latch	锌合金 High Pressure Die-Cast Zinc	0.43	50



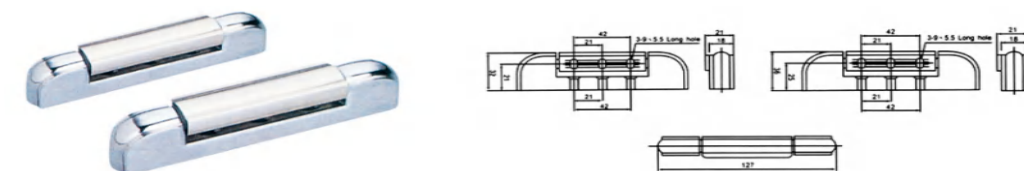
编 号 Model NO.	名 称 Name	材 料 Material	重量 (KG) Weight	装箱数(套) Packing No. (SETS)	备 注 Remark
HS-1500	冷冻库平门把手 Plane Surface Mount Latch	锌合金 High Pressure Die-Cast Zinc	0.45	50	带锁 With lock
HS-1500SS	冷冻库平门把手 Plane Surface Mount Latch	不锈钢 Stainless Steel	0.55	50	不带锁 W/o lock



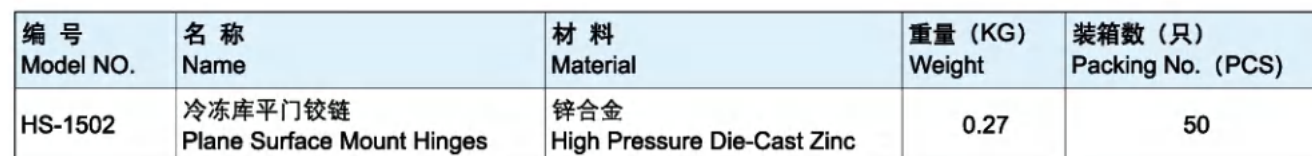
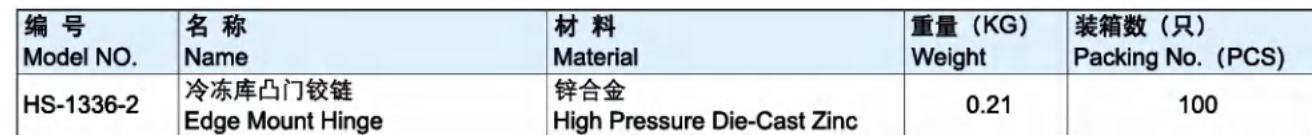
编 号 Model NO.	名 称 Name	材 料 Material	重量 (KG) Weight	装箱数 (只) Packing No. (PCS)
HS-1432	冷冻库凸门铰链 Surface Mount Hinge	锌合金 High Pressure Die-Cast Zinc	0.3	100

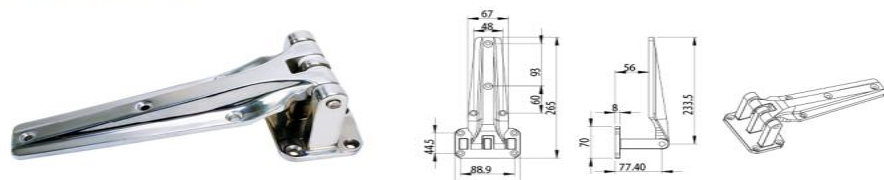


编 号 Model NO.	名 称 Name	材 料 Material	安装高度 (mm) Install ation Height	重量 (KG) Weight	装箱数 (只) Packing No.(PCS)
HS-1428	冷冻库凸门铰链 Surface Mount Hinge	锌合金 High Pressure Die-Cast Zinc	28	0.32	50

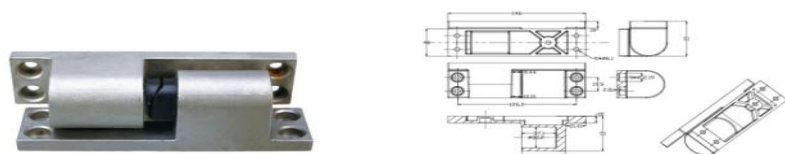


编 号 Model NO.	名 称 Name	材 质 Material	L	H	H1	重量 (KG) Weight	装箱数(套) Packing No. (SETS)
HS-1332	冷冻库凸门铰链 Edge Mount Hinge	锌合金 High Pressure Die-Cast Zinc	127	32	21	0.17	100
HS-1336-1	冷冻库凸门铰链 Edge Mount Hinge	锌合金 High Pressure Die-Cast Zinc	127	36	25	0.2	100





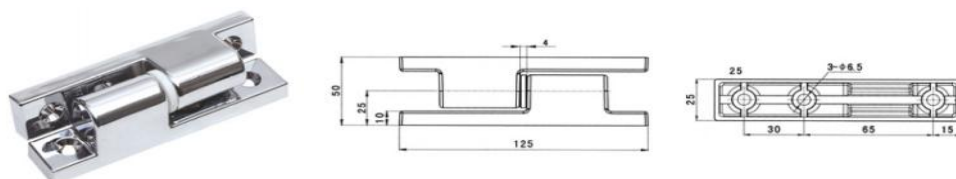
编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数 (只) Packing No. (PCS)
HS-1490	冷冻库凸门铰链 Surface Mount Hinge	不锈钢 Stainless Steel	1.5	20



编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数 (只) Packing No. (PCS)
HS-1139	冷冻库凸门铰链 Surface Mount Hinge	不锈钢 Stainless Steel	1.05	50



编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数(套) Packing No. (SETS)	备注 Remark
HS-779	门拉手 Edgemount Magnetic Latch	锌合金 High Pressure Die-Cast Zinc	0.55	40	带锁 With Lock
HS-779B	门拉手 Edgemount Magnetic Latch	锌合金 High Pressure Die-Cast Zinc	0.55	40	不带锁 W/O Lock



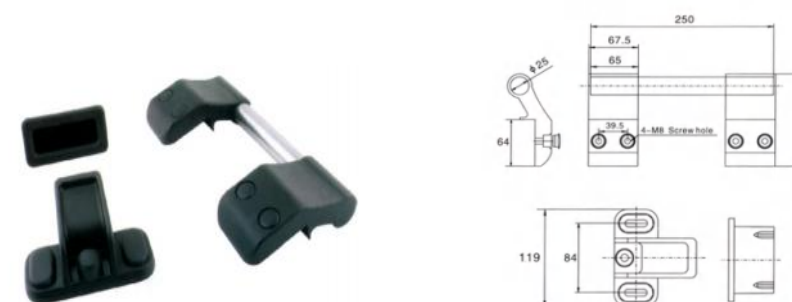
编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数(只) Packing No. (PCS)
HS-1150	拆卸铰链 Remove Hinge	锌合金 High Pressure Die-Cast Zinc	0.416	50
HS-1150SS	拆卸铰链 Remove Hinge	不锈钢 Stainless Steel	0.52	50



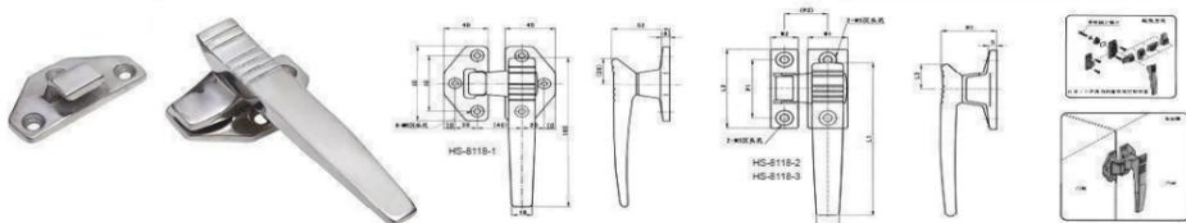
编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数 (套) Packing No. (SETS)
HS-02	把手 Classic Pull Handle	塑胶 Plastic Cement	0.81	200



编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数 (套) Packing No. (SETS)
HS-654	冷冻库凸门把手 Surface Mount Latch	不锈钢 Stainless Steel	0.81	30



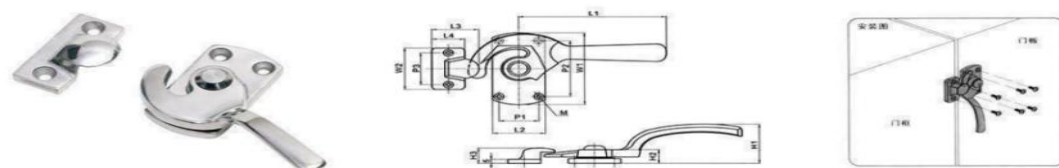
编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数 (套) Packing No. (SETS)
HS-01	平移门把手 Sliding Door Handle	塑胶 Plastic Cement	0.45	25



编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数(套) Packing No. (SETS)
HS-8118	紧急把手 Explosion Venting Latch	不锈钢 Stainless Steel	0.63	50



编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数(只) Packing No. (PCS)
HS-088	冷冻库平门铰链 Plane Surface Mount Hinges	不锈钢 Stainless Steel	0.711	30

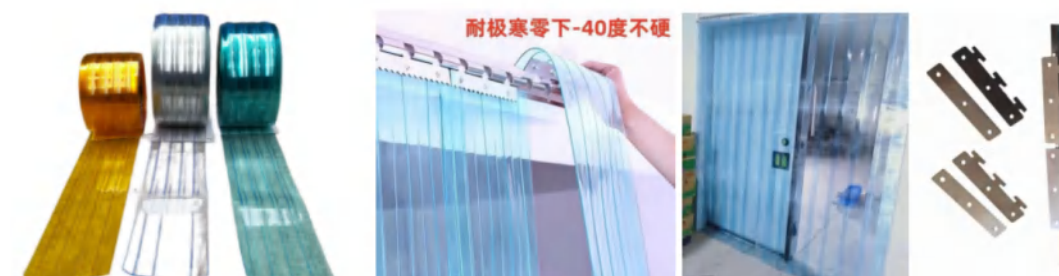


编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数(只) Packing No. (PCS)
HS-8114	紧急把手 Explosion Venting Latch	不锈钢 Stainless Steel	0.13	100



编号 Model NO.	名称 Name	材料 Material	重量 (KG) Weight	装箱数(只) Packing No. (PCS)
HS-85	蒸饭箱铰链 Oven Hinge	锌合金 High Pressure Die-Cast Zinc	0.6	40

COLD ROOM CURTAIN



Cold Storage Soft Curtain (Resistant to Extreme Cold, Remains Non-Rigid at -40°C)

COLD ROOM VENTILATOR

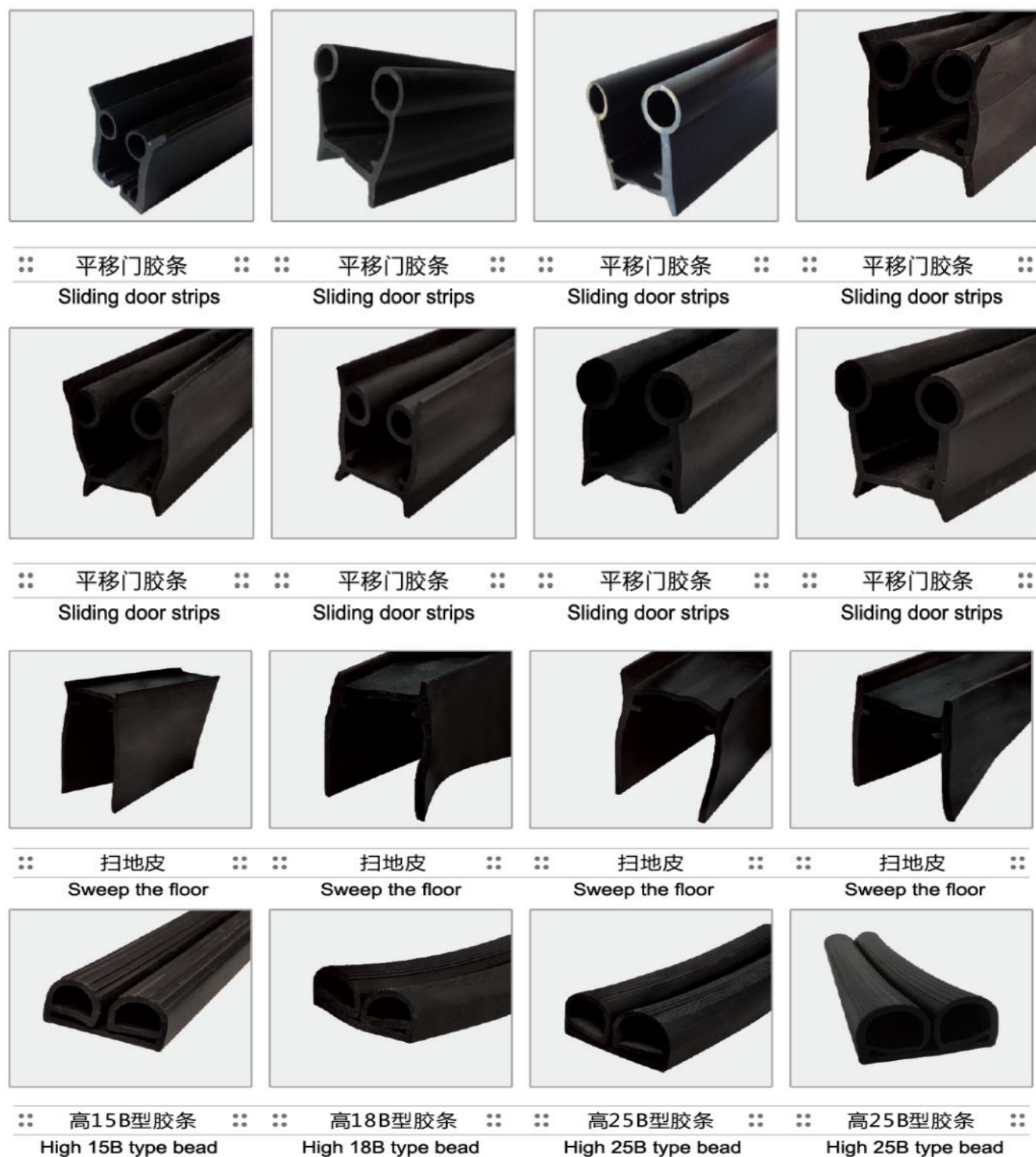


stainless steel

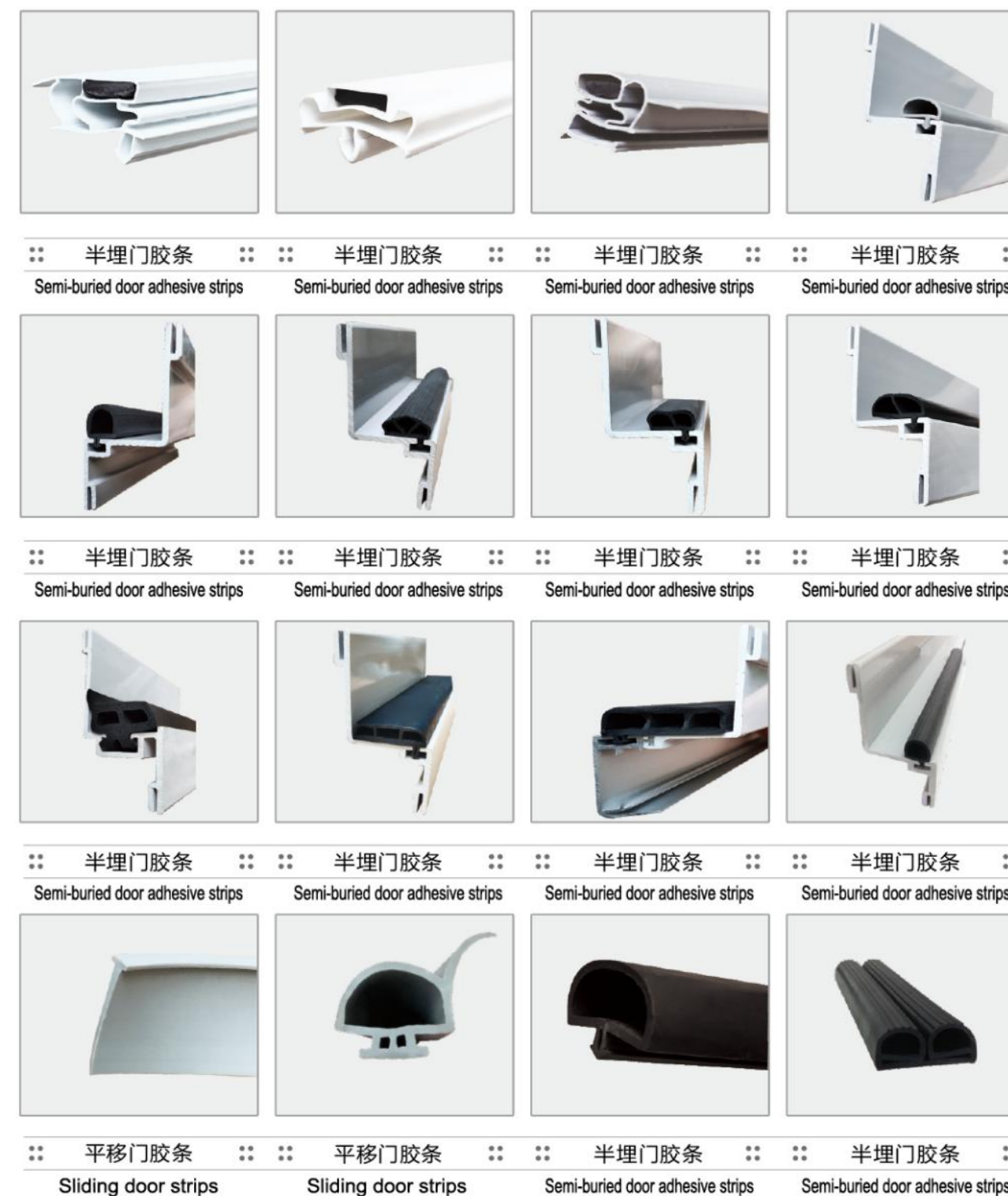
COLD ROOM LAMP



SLIDING DOOR SEALS



SEMI-BURIED DOOR SEALS



ELECTRIC HEATING WIRE



Silica gel material, white color



Plastics material for high temperature, black color



Defrosting heating wire

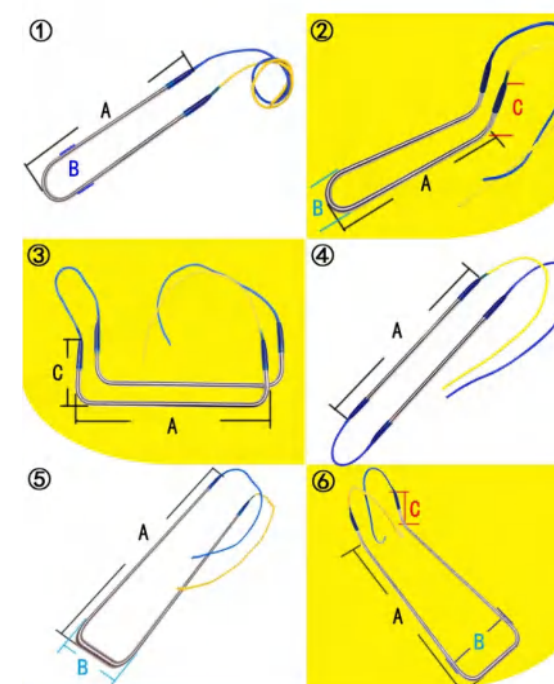
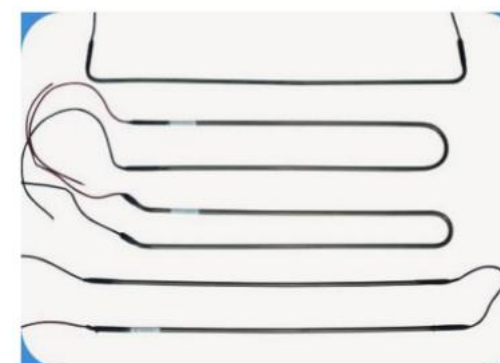


Electric Heater For Compressors and Crankcase



ELECTRIC DEFROSTING HEATING TUBE

Defrosting heating tube are applied to refrigeration equipment such as air coolers, freezers, refrigerators, refrigerated trucks, and refrigerated containers and so on. Has good defrosting effect; High insulation resistance; Corrosion resistance; Low leakage current; Long service life



REFRIGARATION COMPRESSOR



R134a LBP commercial compressor 220-240V/50-60HZ

Series	Model	Horse Power	Voltage V/Hz	Displ. cm3	Cooling Capacity ASHRAE																					
					Test Conditions: -23.3°C [-10°F]												-20°C (-4°F)		-15°C (5°F)		-10°C (10°F)		-5°C (23°F)		0°C (32°F)	
					-35°C (-31°F)		-30°C (-22°F)		25°C (-13°F)		Capacity (W)	Capacity Btu/h	Input Power (W)	Current (A)	COP W/W	EER Btu/Wh	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h
L	QD25HG	1/12	220-240V/50-60Hz	2.5	28	96	37	126	48	164	63	215	52	0.6	1.05	3.58	78	266	97	331	124	423	156	532	195	665
	QD30HG	1/12		3.0	34	116	44	150	58	198	75	256	62	0.6	1.05	3.58	94	321	117	399	147	502	183	624	229	778
	QD35HG	1/11		3.5	47	160	58	198	73	249	90	307	71	0.7	1.05	3.58	109	372	132	450	162	533	188	641	244	831
XL	ADW43	1/6-		4.3	50	171	65	222	85	290	110	375	100	1.0	1.10	3.75	138	471	172	587	215	734	269	918	336	1148
	ADW51	1/6		5.1	57	194	74	252	96	328	125	427	104	1.1	1.20	4.09	156	532	195	665	244	833	305	1041	382	1303
ML	ADW51	1/6		5.1	57	194	74	252	96	328	125	427	104	1.1	1.20	4.09	156	532	195	665	244	833	305	1041	382	1303
	ADW57	1/5-		5.7	62	212	80	273	104	355	135	461	112	1.2	1.20	4.09	170	580	211	720	264	901	330	1126	412	1406
	ADW66	1/4-		6.6	75	256	98	334	127	433	165	563	132	1.2	1.25	4.27	206	703	258	880	322	1099	403	1375	504	1720
MX	ADW77	1/4		7.7	84	287	109	372	142	485	185	631	148	1.3	1.25	4.27	231	788	289	986	361	1232	452	1542	565	1928
	ADW66	1/4		6.6	75	256	98	334	127	433	165	563	132	1.2	1.25	4.27	206	703	258	880	322	1099	403	1375	504	1720
	ADW77	1/4		7.7	84	287	109	372	142	485	185	631	148	1.3	1.25	4.27	231	788	289	986	361	1232	452	1542	565	1928
	ADW86	1/4+		8.6	91	310	118	403	154	525	200	682	160	1.4	1.25	4.27	245	836	310	1058	408	1392	502	1713	596	2034
	ADW91	1/3-		9.1	100	341	130	444	169	577	220	751	176	1.4	1.25	4.27	275	938	344	1174	430	1467	537	1832	671	2289
	ADW110	1/3		11.0	93	317	130	444	178	607	240	819	203	1.4	1.35	4.61	310	1058	392	1338	497	1696	628	2143	795	2713
MQ	ADW91	1/3-		9.1	100	341	133	454	169	577	220	751	162	1.2	1.35	4.61	275	938	344	1174	430	1467	537	1832	671	2289
	ADW110	1/3		11.0	123	420	160	546	208	710	270	921	200	1.4	1.35	4.61	338	1153	422	1440	527	1798	659	2249	824	2811
	ADW128	3/8+		12.8	146	498	189	645	246	839	320	1092	237	1.8	1.35	4.61	400	1365	500	1706	625	2133	781	2665	977	3334
	ADW142	1/2-		14.2	159	543	207	706	269	918	350	1194	260	1.9	1.35	4.61	438	1494	547	1866	684	2334	828	2825	1069	3644
	ADW153	1/2	15.3	173	590	225	768	292	996	380	1297	281	2.0	1.35	4.61	475	1621	594	2027	742	2532	855	2917	1160	3958	
	ADW168	1/2+	16.8	198	676	252	860	330	1126	430	1467	318	2.2	1.35	4.61	512	1747	643	2194	798	2723	805	3020	1250	4265	

R134a LBP commercial compressor 110-120V/60HZ

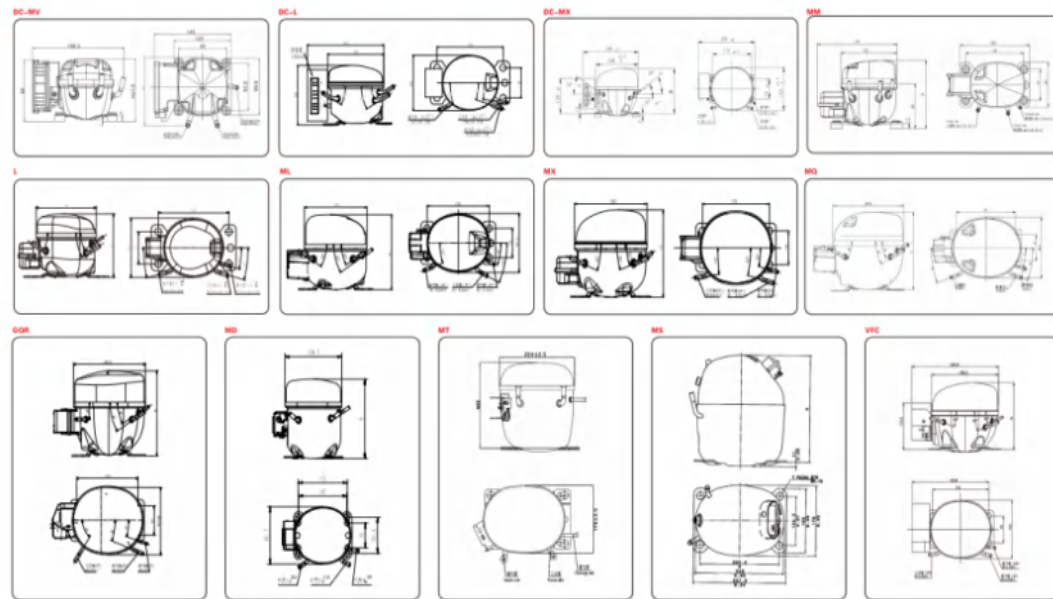
Series	Model	Horse Power	Voltage V/Hz	Displ. cm3	Cooling Capacity ASHRAE																					
					Test Conditions: -23.3°C (-10°F)																					
					-35°C (-31°F)	-30°C (-22°F)	25°C (-13°F)		Capacity (W)	Capacity Btu/h	Input Power (W)	Current (A)	COP W/W	EER Btu/Wh	-20° C (-4°F)		-15°C (5°F)		-10°C (10°F)		-5°C (23°F)		0°C (32°F)			
W	Btu/h	W	Btu/h	W	Btu/h	Capacity (W)	Capacity Btu/h	Input Power (W)	Current (A)	COP W/W	EER Btu/Wh	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h			
L	QD25H11G	1/12	110-120V/60 HZ	2.5	30	102	38	130	50	171	65	222	59	0.90	1.10	3.75	81	276	102	348	127	433	159	543	198	676
	QD30H116	1/10		3.0	34	116	44	150	58	198	75	256	68	1.10	1.10	3.75	94	321	117	399	147	502	183	624	229	781
	QD35H116	1/9		3.5	41	140	53	181	69	235	90	307	69	1.30	1.30	4.44	113	386	141	481	176	601	220	751	275	938
	ADW43T6	1/6		4.3	59	201	77	263	100	341	130	444	100	1.40	1.30	4.44	163	556	203	693	254	867	317	1082	397	1350
ML	ADW43T6	1/6		4.3	59	201	77	263	100	341	130	444	100	1.40	1.30	4.44	163	556	203	693	254	867	317	1082	397	1350
	ADW51T6	1/5		5.1	68	232	89	304	115	392	150	512	115	1.50	1.30	4.44	188	641	234	798	293	1000	366	1249	458	1563
MX	ADW57T6	1/4		5.7	73	249	95	324	123	420	160	546	128	1.77	1.25	4.27	200	682	250	853	313	1068	391	1334	488	1666
	ADW66T6	1/4+		6.6	89	304	115	392	150	512	195	665	145	2.20	1.35	4.61	244	833	305	1041	381	1300	476	1624	595	2036
	ADW77T6	1/3		7.7	100	341	130	444	169	577	220	751	165	2.40	1.35	4.6	275	938	344	1174	430	1467	537	1832	671	2289
	ADW86T6	1/3-		8.6	113	386	148	505	195	665	255	870	193	3.00	1.32	4.50	320	1092	401	1368	484	1583	628	2143	788	2689
MQ	ADW91T6	3/8-		9.1	128	437	164	560	210	717	270	921	200	2.75	1.35	4.61	335	1143	416	1419	518	1767	645	2201	804	2749
	ADW86T6	1/3		8.6	109	372	142	485	185	631	240	819	178	2.60	1.35	4.61	300	1024	375	1280	469	1600	586	1999	732	2494
	ADW91T6	3/8-		9.1	118	403	154	525	200	682	260	887	193	3.30	1.35	4.61	325	1109	406	1385	508	1733	635	2167	794	2709
	ADW110T6	3/8		11.0	141	481	183	624	239	815	310	1058	230	3.80	1.35	4.61	388	1324	484	1651	605	2064	757	2583	946	3229
	ADW128T6	1/2-		12.8	149	508	199	679	261	891	340	1160	252	3.38	1.35	4.6	428	1460	550	1877	695	2371	870	2968	1098	3749
	ADW142T6	1/2		14.2	183	624	238	812	309	1054	402	1372	287	3.80	1.40	4.78	503	1716	628	2143	785	2698	981	3347	1227	4189
	ADW153T6	1/2+		15.3	195	665	259	884	338	1153	420	1433	311	4.00	1.35	4.6	540	1842	673	2296	849	2897	1068	3644	1345	4589

R600a LBP commercial compressor 220-240V/50-60HZ

			Voltage	Displ.	Cooling Capacity ASHRAE																						
Series	Model	Horse Power			-35°C (-31F)			-30°C (-22F)			25°C (-13F)			Test Conditions: -23.3°C (-10F)				-20°C (-4F)		-15°C (5F)		-10C (10F)		-5°C (23F)		0°C (32F)	
					W	Btu/h	W	Btu/h	W	Btu/h	Capacity (W)	Capacity Btu/h	Input Power (W)	Current (A)	COP W/W	EER Btu/Wh	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h	
			V/Hz	cm3																							
M/M	QD35YG	1/12		3.5	23	78	30	102	40	136	53	181	62	0.49	0.85	2.09	67	229	84	287	106	362	134	457	168	57	
	QD43YG	1/11		4.3	30	102	40	136	54	184	65	222	76	0.53	0.85	2.90	88	300	110	375	140	478	175	597	223	76	
L	QD35YG	1/12		3.5	26	89	33	113	43	147	56	191	47	0.38	1.20	4.10	70	239	86	293	109	372	137	467	171	58	
	QD43YG	1/11		4.3	34	116	44	150	58	198	75	256	62	0.45	1.20	4.10	94	321	117	399	147	502	183	624	229	78	
	QD53YG	1/9		5.3	39	133	50	171	65	222	85	290	65	0.50	1.30	4.43	106	362	133	454	166	566	208	710	259	88	
	QD65YG	1/7		6.5	50	171	65	222	85	290	110	375	85	0.55	1.30	4.43	138	471	172	587	215	734	269	918	336	114	
	QD69YG	1/7+		6.9	55	187	72	246	93	317	120	409	92	0.60	1.30	4.43	152	519	186	635	232	792	295	1007	365	124	
	QD75YG	1/6-		7.5	59	201	77	263	100	341	130	444	00	0.70	1.30	4.43	163	556	203	693	254	867	317	1082	397	135	
ML	QD75YG	1/6-		7.5	59	201	77	263	100	341	130	444	00	0.70	1.40	4.77	163	556	203	593	254	867	317	1082	397	135	
	QD85YG	1/5		8.5	66	225	86	293	112	382	145	495	112	0.75	1.40	4.77	181	618	227	775	283	966	354	1208	443	151	
	QD91YG	1/5		9.1	71	242	92	314	119	406	155	529	106	0.80	1.45	4.95	194	662	242	826	303	1034	378	1290	473	161	
	QD103YG	1/4-		10.3	77	263	99	338	130	444	168	573	15	0.85	1.45	4.95	210	717	263	897	328	1119	410	1399	513	178	
	QD110YG	1/4		11.0	84	287	109	372	142	485	190	648	126	0.95	1.50	5.12	231	788	289	986	361	1232	452	1542	565	192	
MX	QD85YG	1/6		8.5	66	225	86	293	112	382	148	506	95	0.75	1.55	5.28	181	618	227	775	283	966	354	1208	443	151	
	QD91YG	1/5		9.1	71	242	92	314	119	406	158	539	01	0.70	1.55	5.28	194	662	242	826	303	1034	378	1290	473	161	
	QD103YG	1/4-		10.3	77	263	99	338	130	444	170	580	113	0.85	1.50	5.12	210	717	263	897	328	1119	410	1399	513	178	
	QD110YG	1/4		11.0	84	287	109	372	142	485	190	648	27	0.95	1.50	5.12	231	788	289	986	361	1232	452	1542	565	192	
	QD128YG	1/3-		12.8	100	341	130	444	169	577	215	734	159	1.05	1.35	4.6	275	938	344	1174	430	1467	537	1832	671	228	
MQ	QD128YG	1/3-		12.8	100	341	130	444	169	577	220	751	152	1.05	145	4.95	275	938	344	1174	430	1467	537	1832	671	228	
	QD142YG	1/3		14.2	109	372	142	485	185	631	240	819	66	1.15	1.45	4.95	300	1024	375	1280	469	1600	586	1999	732	245	
	QD153YG	1/3+		15.3	118	403	154	525	200	682	260	887	79	1.25	1.45	4.95	325	109	406	1385	508	1733	635	2167	794	270	

R134a M/HBP commercial compressor 110-120V/60HZ

Series	Model	Horse Power	Voltage	Displ.	Cooling Capacity ASHRAE															
					-15°C (-5F)		-10°C (-10F)		-5°C (-23F)		-0°C (-32F)		Test Conditions: +7.2°C [45F]							10°C (50F)
			V/Hz	cm3	W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h	Capacity (W)	Capacity Btu/h	Input Power (W)	Current (A)	COP W/W	EER Btu/Wh	W	Btu/h
L	QGR30TD	1/10	110-120V/60 HZ	3.0	118	403	150	512	174	594	225	768	295	1007	134	1.80	2.20	7.51	340	1160
	QGR35TD	1/9		3.5	162	553	210	717	234	798	320	1092	465	1587	211	2.00	2.20	7.52	504	1720
	QGR45TD	1/6		4.5	210	717	275	938	340	1160	340	1160	540	1842	245	2.10	2.20	7.52	580	1979
ML	QGR55TD	1/6+		5.5	239	815	310	1058	390	1331	480	1638	610	2081	290	2.50	2.10	7.18	665	2269
	QGR60TD	1/4		6.5	315	1075	378	1290	510	1740	650	2218	735	2508	320	2.90	2.30	7.84	786	2682
	QGR70TD	1/4		7.0	330	1126	430	1467	545	1860	750	2559	806	2750	385	3.50	2.10	7.14	862	2941
MQ	QGR80TD	1/4+		8.0	362	1235	470	1604	625	2133	820	2798	907	3095	415	3.80	2.20	7.46	964	3289
	QGR90TD	1/3-		9.1	400	1392	530	1808	695	2371	890	3037	1019	3477	465	4.20	2.20	7.48	1074	3664
	QGR90TD	1/3-		9.1	408	1392	530	1808	695	2371	890	3037	1019	3477	465	A.20	2.20	7.48	1074	3664
	QGR11TD	3/8		11.0	462	1576	600	2047	772	2634	954	3255	1100	3753	480	4.40	2.30	7.82	1155	3941
	QGR12TD	3/8+		12.8	522	1781	678	2313	872	2975	1034	3528	1270	4333	580	5.20	2.20	7.47	1325	4521
	QGR14TD*	1/2		14.2	583	1989	758	2586	985	3361	1218	4156	1402	4784	610	5.50	2.30	7.84	1457	4971
MD	QGR12TD*	3/8+		12.8	522	1781	678	2313	872	2975	1034	3528	1270	4333	580	5.20	2.20	7.47	1325	4521
	QGR14TD*	1/2		14.2	583	1989	758	2586	985	3361	1218	4156	1402	4784	610	5.50	2.30	7.84	1457	4971
	QGR16TD*	1/2+		15.3	638	2177	829	2829	1113	3798	1375	4692	1641	5599	720	5.80	2.30	7.78	1696	5787



DC REFRIGERATION COMPRESSOR



R134a L/M/HBP DC compressor 12V/24V

Series	Model			Capacity		Efficiency		Oil charge
		Displ.	Rotate Speed	Test Conditions -23.3℃(ASHRAE)		COP	EER	
		cm3	rpm	W	Btu/h	W/W	Btu/Wh	ml
MV	QDZH15G	1.5	2300	30	102	1.22	416	70
			2500	35	119		416	
			3000	42	43	1.25	427	
			3500	50	171	1.22	416	
	QDZH20G	2.0	2300	40	136		416	
			2500	48	164		416	
			3000	57	194		1.25	
			3500	55	222	1.22	416	
	QDZH20G	2.0	2300	40	136	1.40	478	
			2500	48	64			
			3000	57	194	1.42	485	
			3500	65	222	1.40	478	
L	QDZH20G	2.0	2000	40	136	0.98	3.34	130
			2500	48	163			
			3000	57	194	1.00	3.41	
			3500	65	221			
	QDZH25G	2.5	2000	43	145	1.08	3.68	
			2500	53	186	1.05	3.58	
			3000	52	211	1.06	3.62	
			3500	72	245	1.04	3.55	
	QDZH30G	3.0	2000	52	176	1.05	3.5B	
			2500	64	217		3.58	
			3000	75	254	1.06	3.62	
			3500	97	295	1.04	3.55	
	QDZH35G	3.5	2000	60	205	1.08	3.68	
			2500	73	249	1.07	3.65	
			3000	86	293	1.06	3.62	
			3500	100	341	1.05	3.58	
	QDZH43G	4.3	2000	80	273	1.15	3.92	
			2500	96	328	1.20	4.09	
			3000	115	392	1.25	4.27	
			3500	138	471			
MX	QDZH50G	5.0	2000	87	297	140	4.78	180
			2500	104	355	1.40		
			3000	130	444	1.45	4.95	
			3500	163	556			
	QDZH65G	6.5	2000	120	409	140	4.78	
			2500	150	512	1.40		
			3000	180	614	1.45	4.95	
			3500	210	717			
	QDZH75G	7.5	2000	146	499	1.40	4.78	
			2500	183	625			
			3000	220	752	1.45	4.95	
			3500	256	875			
	QDZH91G	9.1	2000	170	580	1.40	4.78	
			2500	200	682			
			3000	240	819	1.42	4.85	
			3500	270	921			
	QDZH110G	11.0	2000	220	751	1.40	4.78	
			2500	250	853			
			3000	305	1041	1.42	4.85	
			3500	356	1213			

R600a L/M/HBP DC compressor 12V/24V

Series	Model	Displ.	Rotate Speed	Capacity		Efficiency		Oil charge
				Test Conditions -23.3℃(ASHRAE)		COP	EER	
		cm3	rpm	W	Btu/h	W/W	Btu/Wh	ml
MV	QDZY20G	2.0	2300	24	82	1.25	4.27	70
			3000	36	123	1.27	4.33	
			3500	40	136	1.30	4.44	
			4000	46	156	1.27	4.33	
			4400	50	171	1.25	4.27	
	QDZY30G	3.0	2200	30	102	1.25	4.27	
			3000	44	149	1.27	4.33	
			3500	53	179	1.30	4.44	
			4000	60	205	1.27	4.33	
			4400	66	225	1.25	4.27	
	QDZY30G	3.0	2300	30	102	1.52	5.19	
			3000	44	149	1.55	5.29	
			3500	53	179	1.55	5.29	
			4000	60	205	1.52	5.19	
			4400	66	225	1.50	5.12	

L	QDZY30G	3.0	2000	30	102	1.15	3.92	130
			2500	35	119	1.25	4.27	
			3000	43	147	1.35	4.61	
			3500	55	188	1.30	4.44	
	QDZY35G	3.5	2000	42	143	1.15	3.92	
			2500	50	171	1.25	4.27	
			3000	60	205	1.35	4.61	
			3500	72	246	1.30	4.44	
	QDZY43G	4.3	2000	49	167	1.15	3.92	
			2500	61	208	1.25	4.27	
			3000	76	259	1.35	4.61	
			3500	95	324	1.30	4.44	
	QDZY50G	5.0	2000	60	205	1.15	3.92	
			2500	72	246	1.25	4.27	
			3000	86	293	1.35	4.61	
			3500	108	369	1.30	4.44	
	QDZY65G	6.5	2000	67	229	1.15	3.92	
			2500	93	317	1.25	4.27	
			3000	110	375	1.35	4.61	
			3500	131	447	1.30	4.44	
	QDZY75G	7.5	2000	91	311	1.15	3.92	
			2500	108	369	1.25	4.27	
			3000	130	444	1.35	4.61	
			3500	156	532	1.30	4.44	
MX	QDZY91G	9.1	2000	100	341	1.30	4.44	180
			2500	122	416	1.40	4.78	
			3000	150	512	1.40	4.78	
			3500	170	580	1.40	4.78	
	QDZY110G	11.0	2000	130	444	1.30	4.44	
			2500	156	532	1.30	4.44	
			3000	180	614	1.40	4.78	
			3500	220	751	1.40	4.78	

PISTON COMPRESSOR



Condensing Temp Range ≤65°C
Compressor Internal Protectors: Internal Motor
Protector and Pressure Relief Valve
To obtain refrigeration capacity at 60Hz,
multiply its values at 50Hz by
*Condensing Temp: 45°C

Medium/High Back Pressure Compressor R404a with electron box

Model	Horsepower (H.P)	Displacement (cm ³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W) The Evaporating Temp.					
								-25°C -12°F	-15°C +5°F	-10°C +14°F	0°C +32°F	+7.2°C +45°F	+15°C +59°F
QR41	1-3/4	39.95	220-240V/1PH /50Hz 208-230V/1PH /60Hz	54.5°C/50Hz	5480	3	≤62	966*	1540	2240	3950	5480	7460
QR44	2	44			5977	3	≤62	1379*	1850	2580	4370	5977	8110
QR52	2.5	52			7146	3	≤64	1508*	2260	3240	5400	7146	9320
QR58	3	58.2			7967	3.1	≤65	1635*	2390	3310	5720	7967	10240
QR62	3	62.7			8613	3.1	≤65	1998*	2970	3960	6420	8613	11540

Medium/High Back Pressure Compressor R22a with electron box

Model	Horsepower (H.P)	Displacement (cm ³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W) The Evaporating Temp.					
								-25°C -12°F	-15°C +5°F	-10°C +14°F	0°C +32°F	+7.2°C +45°F	+15°C +59°F
QR41	1-3/4	39.95	220-240V/1PH /50Hz 208-230V/1PH /60Hz	54.5°C/50Hz	5200	3	≤62	1070*	1600	2200	3770	5200	7040
QR44	2	44			5770	3	≤62	1320*	1960	2480	4300	5770	7830
QR52	2.5	52			7050	3	≤64	1610*	2370	3180	5300	7050	9200
QR58	3	58.2			7900	3.1	≤65	1820*	2720	3680	5950	7900	10300
QR62	3	62.7			8500	3.1	≤65	1950*	2890	3830	6300	8500	11450



Medium/High Back Pressure Compressor R404a

Model	Horsepower (H.P)	Displacement (cm ³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W) The Evaporating Temp.					
								-25°C -12°F	-15°C +5°F	-10°C +14°F	0°C +32°F	+7.2°C +45°F	+15°C +59°F
QR3-44	2	44	220V/3PH /60Hz 380V/3PH /50Hz 380V/3PH /60Hz 460V/3PH /60Hz	54.5°C/50Hz	5977	2.9	≤62	1379*	1850	2580	4370	5977	8110
QR3-52	2.5	52			7146	2.9	≤64	1508*	2260	3240	5400	7146	9320
QR3-58	3	58.2			7967	2.8	≤65	1635*	2390	3310	5720	7967	10240
QR3-62	3	62.7			8613	3	≤65	1998*	2970	3960	6420	8613	11540
QR3-74	3.5	74.2			9984	2.9	≤65	3078*	2805	4296	7276	9814	13056
QR3-90	4	90.2			11300	2.9	≤65	1510	3388	4425	7956	11300	15719
QR3-112	5	112.5			14780	2.8	≤66	3965	4360	5890	10450	14780	20230
QR3-124	6	124.4			16650	2.8	≤67	5146	5320	7080	11970	16650	22760
QR3-134	7	134.8			18230	2.8	≤69	5453	5780	7710	13120	18230	24806

Medium/High Back Pressure Compressor R22

Model	Horsepower (H.P)	Displacement (cm³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W)The Evaporating Temp.					
								-25℃ -12 ℉	-15℃ +5 ℉	-10℃ +14 ℉	0℃ +32 ℉	+7.2℃ +45 ℉	+15℃ +59 ℉
QR3-44	2	44	220V/3PH /60Hz 380V/3PH /50Hz 380V/3PH /60Hz 460V/3PH /60Hz	54.5℃/50Hz	5770	2.9	≤62	1320*	1960	2480	4300	5770	7830
QR3-52	2.5	52			7050	2.9	≤64	1610*	2370	3180	5300	7050	9200
QR3-58	3	58.2			7900	3	≤65	1820*	2720	3680	5950	7900	10300
QR3-62	3	62.7			8500	3	≤65	1950*	2890	3830	6300	8500	11450
QR3-74	3.5	74.2			9860	2.9	≤65	2038*	3000	4300	7330	9860	12900
QR3-90	4	90.2			11250	2.9	≤65	1330	3100	4370	7840	11250	16000
QR3-112	5	112.5			14900	2.8	≤66	2060	4470	6130	10600	14900	20660
QR3-124	6	124.4			16640	2.8	≤67	2500	5160	6970	11860	16640	23360
QR3-134	7	134.8			17800	2.75	≤69	2800	5630	7500	12630	17800	25200



Low Back Pressure Compressor R404a

Model	Horsepower (H.P)	Displacement (cm³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W)The Evaporating Temp.					
								-40℃ 40 ℉	-35℃ 31 ℉	-30℃ -22 ℉	-23.3℃ -9.9 ℉	-20℃ -4 ℉	-10℃ +14 ℉
QL52	2.5	52	220-240V/1PH /50Hz	54.5℃/50Hz	2180	1.5	≤64	420*	730	1310	2189	2660	4410
QL62	3	62.7	208-230V/1PH /60Hz		2760	1.5	≤65	720*	1040	1728	2765	2930	5421
QL3-52	2.5	52	220V/3PH /60Hz		2180	1.5	≤64	420*	730	1310	2180	2660	4410
QL3-62	3	62.7	380V/3PH /50Hz		2760	1.5	≤64	720*	1040	1728	2765	2930	5421
QL3-74	3.5	74.2	380V/3PH /60Hz		3135	1.5	≤65	1200*	1380	2016	3135	3796	6220
QL3-90	4	90.2	380V/3PH /60Hz		3550	1.5	≤65	1287*	1420	2110	3555	4389	7388
QL3-112	5	112.5	460V/3PH /60Hz		4350	1.5	≤66	1407*	1743	2704	4350	5335	9038
QL3-134	7	134.8	460V/3PH /60Hz		5520	1.5	≤66	2012*	2378	3540	5520	6688	11060

SCROLL COMPRESSOR



Scroll Compressor R404a

Model	Horsepower (H.P)	Displacement (cm³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W)The Evaporating Temp.					
								-20℃ -4 ℉	-15℃ +5 ℉	-10℃ +14 ℉	0℃ +32 ℉	+7.2℃ +45 ℉	+15℃ +59 ℉
QRV3-114	7	114.5	380V/3PH /50Hz 460V/3PH /60Hz	54.5℃/50Hz	19300	3.15	≤73	6700*	8700*	9000	14200	19300	25800
QRV3-127	8	127.2			21600	3.15	≤73	7600*	9800*	10100	15900	21600	28700
QRV3-144	9	144.2			24600	3.17	≤77	8700*	11300*	11600	18100	24600	32700
QRV3-166	10	166.6			28600	3.18	≤77	10200*	13200*	13500	21000	28600	37800
QRV3-199	12	199			35100	3.19	≤79	11600*	15000*	15200	23700	31500	42500
QRV3-216	13	216.6			37900	3.21	≤80.5	13600*	17600*	18100	28200	37900	50300
QRV3-233	14	233			40100	3.17	≤81	14400*	18600*	19000	27800	40100	53000
QRV3-250	15	249.9			43100	3.16	≤81	15500*	20000*	20600	32000	43100	56900

Scroll Compressor R22/R407C

Model	Horsepower (H.P)	Displacement (cm³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W)The Evaporating Temp.					
								-20℃ -4 ℉	-15℃ +5 ℉	-10℃ +14 ℉	0℃ +32 ℉	+7.2℃ +45 ℉	+15℃ +59 ℉
QRV3-114	7	114.5	380V/3PH /50Hz 460V/3PH /60Hz	54.5℃/50Hz	20400	3.33	≤70	7100*	9300*	9200	15000	20400	26900
QRV3-127	8	127.2			23100	3.33	≤70	8500*	10900*	11200	17400	23100	30200
QRV3-144	9	144.2			25900	3.32	≤75	9500*	12200*	12700	19600	25900	33700
QRV3-166	10	166.6			30100	3.36	≤75	11100*	14300*	14600	22800	30100	38900
QRV3-199	12	199			36100	3.34	≤79	13100*	16700*	16700	25400	36100	43400
QRV3-216	13	216.6			39000	3.37	≤79.5	14700*	19600*	19600	29700	39000	50600
QRV3-233	14	233			42000	3.37	≤80	16000*	25200*	21000	32000	42000	54400
QRV3-250	15	249.9			45500	3.34	≤80	17300*	21900*	22600	34600	45500	58900

Medium/High Back Pressure Parallel/Double inspiratory Compressor R404a

Model	Horsepower (H.P)	Displacement (cm³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W)The Evaporating Temp.					
								-25℃ -12 ℉	-15℃ +5 ℉	-10℃ +14 ℉	0℃ +32 ℉	+7.2℃ +45 ℉	+15℃ +59 ℉
QR3-44P	2	44	220V/3PH /60Hz 380V/3PH /50Hz 380V/3PH /60Hz 460V/3PH /60Hz	54.5℃/50Hz	5977	2.9	≤62	1379*	1850	2580	4370	5977	8110
QR3-52p	2.5	52			7146	2.9	≤64	1508*	2260	3240	5400	7146	9320
QR3-58P	3	58.2			7967	3	≤65	1635*	2390	3310	5720	7967	10240
QR3-62P	3	62.7			8613	3	≤65	1998*	2970	3960	6420	8613	11540
QR3-74P	3.5	74.2			9984	2.9	≤65	3078*	2805	4296	7276	9814	13056
QR3-90P	4	90.2			11300	2.9	≤65	1510	3388	4425	7956	11300	15719
QR3-112P	5	112.5			14780	2.8	≤66	3965	4360	5890	10450	14780	20230
QR3-124P	6	124.4			16650	2.8	≤67	5146	5320	7080	11970	16650	22760
QR3-134P	7	134.8			18230	2.8	≤69	5453	5780	7710	13120	18230	24806

Medium/High Back Pressure Parallel/Double inspiratory Compressor R22

Model	Horsepower (H.P)	Displacement (cm³)	Power source	The condensing temperature	Nominal Capacity	WW COP	Noise (SPL)	Capacity (W)The Evaporating Temp.					
								-25℃ -12 ℉	-15℃ +5 ℉	-10℃ +14 ℉	0℃ +32 ℉	+7.2℃ +45 ℉	+15℃ +59 ℉
QR3-44P	2	44	220V/3PH /60Hz 380V/3PH /50Hz 380V/3PH /60Hz 460V/3PH /60Hz	54.5℃/50Hz	5770	2.9	≤62	1320*	1960	2480	4300	5770	7830
QR3-52p	2.5	52			7050	2.9	≤64	1610*	2370	3180	5300	7050	9200
QR3-58P	3	58.2			7900	3	≤65	1820*	2720	3680	5950	7900	10300
QR3-62P	3	62.7			8500	3	≤65	1950*	2890	3830	6300	8500	11450
QR3-74P	3.5	74.2			9860	2.9	≤65	2038*	3000	4300	7330	9860	12900
QR3-90P	4	90.2			11250	2.9	≤65	1330	3100	4370	7840	11250	16000
QR3-112P	5	112.5			14900	2.8	≤66	2060	4470	6130	10600	14900	20660
QR3-124P	6	124.4			16640	2.8	≤67	2500	5160	6970	11860	16640	23360
QR3-134P	7	134.8			17800	2.75	≤69	2800	5630	7500	12630	17800	25200

SCROLL COMPRESSOR-ZR SERIES

Model	Horse Power	Cooling Capacity		Input Power	Voltage	Refrigerant
	HP	W	BTU/H	W	V-Hz	
ZR36	3	8900	30349	2700	1φ-220V/50Hz	R22/R404
ZR47	4	11500	39215	3530	3φ-380V/50Hz	R22/R404
ZR61	5	14600	49786	4430	3φ-380V/50Hz	R22/R404
ZR72	6	17400	59335	5250	3φ-380V/50Hz	R22/R404
ZR81	7	19690	67143	5830	3φ-380V/50Hz	R22/R404
ZR108	9	26250	89500	7830	3φ-380V/50Hz	R22/R404
ZR125	10	30470	104000	9060	3φ-380V/50Hz	R22/R404
ZR144	12	34730	118400	10100	3φ-380V/50Hz	R22/R404
ZR160	13	38400	129580	11400	3φ-380V/50Hz	R22/R404
ZR190	15	46300	157883	13700	3φ-380V/50Hz	R22/R404



SEMI-HERMETIC COMPRESSOR



BFS31



BFS41-BFS51



BFS81-BFS101



BFS151



4S151D-4S301G



6S251D-6S501G

Model	Nominal Power (HP/KW)	Displ. (m³/h) 50Hz	Number of Cylinders×Diameter×Stroke	Connection size (in)		Oil Filling Volume (L)	Electrical Parameter		Crankcase Heater/220 V (W)	Oil Supply Method	Weight (Including Refrigerating Oil) Kg
				Discharge Valve	Suction Valve		Max Operating Current (A)	Starting/ Locked Current(A)			
BFS31	3/2.2	12.2/14.6	2×φ47.6×39.2	3/4"	3/4"	1.25	5.2	24/26	60	Splashing Lubrication	62
BFS41	4/3	14.7/17.8	2×φ54×37	3/4"	1"	1.85	7.6	38/44	60		85
BFS51	5/3.7	18.4/22.1	2×φ54×46	3/4"	1"	1.85	7.6	38/44	60		87
BFS81	8/5.5	26.6/32.1	2×φ64×48	1"	1-1/4"	3.5	15	74/81	120		133
BFS101	10/7.5	36/43.2	2×φ64×64	1"	1-1/4"	3.5	15.6	93/103	120		137
BFS151	15/10.5	54/64.8	3×φ64×64	1-1/8"	1-1/2"	4.8	22.3	133/150	180	Forced-lubrication	172
4S151D	15/10.5	73.7	4×φ70×55	1-1/8"	1-5/8"	4	31	81/132	140		183
4S251G	25/18.5	73.7	4×φ70×55	1-1/8"	2-1/8"	4.5	45	116/193	140		203
4S201D	20/15	84.6	4×φ75×55	1-1/8"	2-1/8"	4.5	37	97/158	140		192
4S301G	30/22	84.6	4×φ75×55	1-1/8"	2-1/8"	4.5	53	135/220	140		206
6S251D	25/18.5	110.5	6×φ70×55	1-3/8"	2-1/8"	4.75	45	116/193	140		224
6S351G	35/25.5	110.5	6×φ70×55	1-3/8"	2-1/8"	4.75	61	147/262	140		235
6S321D	30/22	126.8	6×φ75×55	1-3/8"	2-1/8"	4.75	53	135/220	140		228
6S401G	40/30	126.8	6×φ75×55	1-3/8"	2-1/8"	4.75	78	180/323	140		238
6S401D	40/30	151.6	6×φ82×55	1-3/8"	2-1/8"	4.75	78	180/323	140		239
6S501G	50/37	151.6	6×φ82×55	1-5/8"	2-1/8"	4.75	92	226/404	140		241



4YD-3.2~4YG-9.2



4YD-7.2~4YG-20.2



4VD-15.2~4VG-30.2



6WD-25.2~6WG-50.2



6WDS-20.2~6WDS-30.2

Model	Nominal Power (HP/KW)	Displ. (m³/h) 50Hz	Number of Cylinders×Diameter×Stroke	Connection size (in)		Oil Filling Volume (L)	Electrical Parameter		Crankcase Heater/220 V (W)	Oil Supply Method	Weight (Including Refrigerating Oil) Kg
				Discharge Valve	Suction Valve		Max Operating Current (A)	Starting/ Locked Current(A)			
2YD-2.2	2/1.5	13.4	2×φ50×39.3	5/8"	7/8"	1.5	11.9/6.9	53.7/30.7	120	Centrifugal lubrication	67.5
2YG-3.2	3/2.2	13.4	2×φ50×39.3	5/8"	7/8"	1.5	13.5/7.8	64/37	120		70.5
2YD-3.2	3/2.2	16.2	2×φ55×39.3	5/8"	7/8"	1.5	14.8/8.5	64/37	120		70
2YG-4.2	4/3	16.2	2×φ55×39.3	5/8"	7/8"	1.5	16.4/9.4	76.6/44.2	120		70
4YD-3.2	3/2.2	18.1	4×φ41×39.3	5/8"	7/8"	2	15.9/9.2	76.6/44.2	120		82
4YG-5.2	5/3.7	18.1	4×φ41×39.3	5/8"	7/8"	2	18.7/10.8	107.7/62.2	120		86
4YD-4.2	4/3	22.7/27.4	4×φ46×39.3	7/8"	1-1/8"	2	18.5/10.7	92.7/53.2	120		84
4YG-6.2	6/4.4	22.7/27.4	4×φ46×39.3	7/8"	1-1/8"	2	22.9/13.2	107.7/62.2	120		86
4YD-5.2	5/3.7	26.8	4×φ50×39.3	7/8"	1-1/8"	2	23.4/13.5	107.7/62.2	120		85.5
4YG-7.2	7/5.1	26.8	4×φ50×39.3	7/8"	1-1/8"	2	27.5/15.9	142.8/82.4	120		88.5
4YD-6.2	6/4.4	32.5	4×φ55×39.3	7/8"	1-1/8"	2	27.5/15.9	142.8/82.4	120		90.5
4YG-9.2	9/6.6	32.5	4×φ55×39.3	7/8"	1-1/8"	2	34.5/20	142.8/82.4	120		90.5
4YD-7.2	7/5.1	34.7/41.9	4×φ55×42	7/8"	1-1/8"	2.6	14	39/68	140		129
4YG-10.2	10/7.5	34.7/41.9	4×φ55×42	7/8"	1-1/8"	2.6	21	59/99	140		139
4YD-8.2	8/5.5	41.3	4×φ60×42	1-1/8"	1-3/8"	2.6	17	49/81	140		134
4YG-12.2	12/8.8	41.3	4×φ60×42	1-1/8"	1-3/8"	2.6	24	69/113	140		141
4YD-10.2	10/7.5	48.5	4×φ65×42	1-1/8"	1-3/8"	2.6	21	59/99	140	Forced-lubrication	139
4YD-15.2	15/10.5	48.5	4×φ65×42	1-1/8"	1-5/8"	2.6	31	81/132	140		147
4YD-12.2	12/8.8	56.2	4×φ70×42	1-1/8"	1-3/8"	2.6	24	69/113	140		141
4YG-20.2	20/15	56.2	4×φ70×42	1-1/8"	1-5/8"	2.6	37	97/158	140		150
4VD-15.2	15/10.5	73.7	4×φ70×55	1-1/8"	1-5/8"	4	31	81/132	140		183
4VG-25.2	25/18.5	73.7	4×φ70×55	1-1/8"	2-1/8"	4.5	45	116/193	140		203
4VD-20.2	20/15	84.6	4×φ75×55	1-1/8"	2-1/8"	4.5	37	97/158	140		192
4VG-30.2	30/22	84.6	4×φ75×55	1-1/8"	2-1/8"	4.5	53	135/220	140		206
6WD-25.2	25/18.5	110.5	6×φ70×55	1-3/8"	2-1/8"	4.75	45	116/193	140		224
6WG-35.2	35/25.5	110.5	6×φ70×55	1-3/8"	2-1/8"	4.75	61	147/262	140		235
6WD-30.2	30/22	126.8	6×φ75×55	1-3/8"	2-1/8"	4.75	53	135/220	140	Forced-lubrication	228
6WG-40.2	40/30	126.8	6×φ75×55	1-3/8"	2-1/8"	4.75	78	180/323	140		238
6WD-40.2	40/30	151.6	6×φ82×55	1-5/8"	2-1/8"	4.75	78	180/323	140		239
6WG-50.2	50/37	151.6	6×φ82×55	1-5/8"	2-1/8"	4.75	92	226/404	140		241

Model	Nominal Power (HP/KW)	Displ. (m³/h) 50Hz	Number of Cylinders×Diameter×Stroke	Connection size (in)		Oil Filling Volume (L)	Electrical Parameter		Crankcase Heater/220 V (W)	Oil Supply Method	Weight (Including Refrigerating Oil) Kg
				Discharge Valve	Suction Valve		Max Operating Current (A)	Starting/ Locked Current(A)			
6WDS-20.2	20/15	110.5	6×φ70/70×55	1-3/8"	1-5/8"	4.75	37	97/158	140	Forced-lubrication	220
6WDS-25.2	25/18.5	126.8	6×φ75/75×55	1-3/8"	2-1/8"	4.75	45	116/193	140		233
6WDS-30.2	30/22	151.6	6×φ82/82×55	1-3/8"	2-1/8"	4.75	53	135/220	140		234

COMPRESSOR ACCESSORIES

For Bitzer/Carrier/Carlyle/Frascold/Copeland/Danfoss/Hitachi

Bushing



Connecting rod and piston



Gasket



Valve Reed



Valve Plate



COMPRESSOR MAINTENANCE TOOLS



AXIAL FAN MOTOR

FZY External Rotor Axial Fan has features as compact structure, convenient installation, reliable operation, low noise, energy saving and high efficiency. They are widely used in hotels, restaurants, industrial land mining enterprises, office buildings, theaters and other building facilities, and can be widely used for ventilation and heat dissipation of refrigerators, cold storages, screw compressors, evaporators, condensers and other equipments.

Voltage: Single-phase 220V/50Hz, Three-phase 380V/50Hz;

Ambient temperature: between -30°C and 60°C;

Relative humidity: ≤90%;

Altitude: ≤1000m;

Working mode: S1;

Average use life: ≥30,000 hours. Insulation class: B, F.

Protection level: IP44, IP54;

FZY200-2E

FZY	Axial Fan Motor
4	Motor Pole
E	Single-phase Motor
D	Three-phase Motor
200	The diameter of fan blade
S	Sucking
B	Blowing



MODEL	VOLTAGE V	ERRQUENCY	CURRENT	INPUT POWER	SPEED	AIRFLOW	MAX STATIC PRESSURE
	(V)	(Hz)	(A)	(W)	(r/min)	(m³/h)	(Pa)
FZY200-2E	220	50	0.32	65	2450	770	80
FZY200-2E	220	60	0.35	77	2740	890	90
FZY200-2D	380	50	0.25	65	2500	780	80
FZY200-4E	220	50	0.21	40	1450	450	30
FZY200-4D	380	50	0.21	48	1470	460	30
FZY250-2E	220	50	0.44	100	2550	1600	120
FZY250-2E	220	60	0.56	130	2780	1800	130
FZY250-2D	380	50	0.35	100	2530	1580	120
FZY250-4E	220	50	0.23	55	1450	880	60
FZY250-4D	380	50	0.21	55	1450	880	60

FZY300-2E	220	50	0.82	180	2350	2530	120
FZY300-2D	380	50	0.35	180	2300	2510	120
FZY300-4E	220	50	0.39	85	1350	1850	60
FZY300-4E	220	60	0.48	105	1510	2080	68
FZY300-4D	380	50	0.24	75	1370	1880	60
FZY300-4D	380	60	0.25	80	1550	2050	65
FZY350-2E	220	50	1.5	350	2350	3850	160
FZY350-2D	380	50	0.8	350	2380	3860	160
FZY350-4E	220	50	0.6	130	1380	2450	90
FZY350-4E	220	60	0.8	180	1530	2580	92
FZY350-4D	380	50	0.35	130	1400	2450	90
FZY350-4D	380	60	0.5	180	1550	2600	92
FZY350-6E	220	50	0.37	75	920	1720	80
FZY350-6D	380	50	0.3	80	960	1738	85
FZY400-2E	220	50	2.2	450	2350	5100	160
FZY400-2D	380	50	1.1	450	2350	5100	160
FZY400-4E	220	50	0.8	180	1380	3950	100
FZY400-4E	220	60	0.8	210	1550	4300	105
FZY400-4D	380	50	0.5	180	1400	3950	100
FZY400-4D	380	60	0.6	210	1600	4360	105
FZY400-6E	220	50	0.51	105	920	3180	85
FZY400-6D	380	50	0.35	105	960	3210	85
FZY450-2E	220	50	0.98	230	1380	5350	100
FZY450-2E	220	50	0.98	230	1380	5350	100
FZY450-2D	380	50	0.55	260	1390	5420	100
FZY450-4E	220	50	0.75	138	920	3785	80
FZY450-4D	380	50	0.42	150	960	4215	85
FZY500-4E-122	220	50	1.6	350	1380	6325	115
FZY500-4E-122	380	50	0.88	350	1390	6350	115
FZY500-4E-122	380	60	0.8	450	1550	7155	120
FZY500-4E	220	50	2.1	450	1380	7250	125
FZY500-4D	380	50	1.1	450	1390	7328	125
FZY500-4D	380	60	1.0	550	1550	8125	135
FZY500-6E	220	50	1.05	230	900	5700	80
FZY500-6D	380	50	0.9	210	960	5850	85
FZY550-2E	220	50	2.8	650	1350	8560	125
FZY550-2D	380	50	1.5	650	1350	8560	125
FZY550-4E	220	50	1.45	310	900	6480	80
FZY550-4D	380	50	0.9	330	920	6605	85

FZY550-2E	220	50	2.8	650	1350	8560	125
FZY550-2D	380	50	1.5	650	1350	8560	125
FZY550-4E	220	50	1.45	310	900	6480	80
FZY550-4D	380	50	0.9	330	920	6605	85
FZY600-4E	220	50	3.7	800	1350	10520	125
FZY600-4D	380	50	1.9	860	1380	11130	125
FZY600-6E	220	50	2.45	480	900	7645	80
FZY600-6D	380	60	1.4	500	920	7700	85
FZY600-8D	380	50	0.65	215	680	6280	60
FZY600-8D	380	60	0.28	135	560	5580	60
FZY630-4E	220	50	3.7	800	1350	11865	125
FZY630-4D	380	50	1.9	860	1380	12480	125
FZY630-6E	220	50	2.55	520	900	8158	80
FZY630-6D	380	60	1.45	550	920	8180	85
FZY630-8D	380(Δ)	50	0.65	220	680	7450	60
FZY630-8D	380 (Y)	60	0.3	140	560	6250	60
FZY710-6D-138	380	50	1.5	550	920	9685	90
FZY710-6D	380(Δ)	50	2.8	1200	920	17000	115
FZY710-6D	380(Y)	50	1.13	660	735	13010	70
FZY710-8D	380(4)	50	0.9	370	690	10920	60
FZY710-8D	380(Y)	50	0.55	290	580	9560	40
FZY710-12D	380(Δ)	50	1.45	310	470	8670	60
FZY710-12D	380 (Y)	50	0.5	170	425	7990	40
FZY800-6D	380(Δ)	50	2.88	1200	920	20580	115
FZY800-6D	380 (Y)	50	1.68	930	770	17650	70
FZY800-8D	380(Δ)	50	1.1	500	660	14125	60
FZY800-8D	380 (Y)	50	0.65	350	525	11630	40
FZY800-12D	380(Δ)	50	1.38	350	470	10775	60
FZY910-6D	380(Δ)	50	4.7	2450	920	26500	140
FZY910-6D	380(Y)	50	2.6	1550	770	21250	100
FZY910-8D	380(Δ)	50	2.45	1050	650	18420	100
FZY910-8D	380(Y)	50	1.25	580	470	13250	70

AXIAL FLOW DRAFT FAN



Model	Size mm	Voltage V	Frequency Hz	Current A	Power W	Rated speed rpm	Airflow cfm	Bearing	Noise dB(A)	Weight g
WK8025A1HSL	80x80x25	115	50/60	0.12/0.10	12/11	2300/2600	17/20	Sleeve	29/32	240
WK8025A1HBL		115	50/60	0.12/0.10	12/11	2400/2700	18/21	Ball	30/33	
WK8025A2HSL		220-240	50/60	0.08/0.07	14/13	2300/2600	17/20	Sleeve	29/32	
WK8025A2HBL		220-240	50/60	0.08/0.07	14/13	2400/2700	18/21	Ball	30/33	
WK8038A1HSL	80x80x38	115	50/60	0.15/0.13	14/12	2300/2600	23/26	Sleeve	31/33	340
WK8038A1HBL		115	50/60	0.15/0.13	14/12	2400/2700	24/27	Ball	32/35	
WK8038A2HSL		220-240	50/60	0.09/0.08	17/15	2300/2600	23/26	Sleeve	31/33	
WK8038A2HBL		220-240	50/60	0.09/0.08	17/15	2400/2700	24/27	Ball	32/35	
WK9225A1HSL	92x92x25	115	50/60	0.12/0.11	13/12	2300/2600	26/33	Sleeve	32/35	270
WK9225A1HBL		115	50/60	0.12/0.11	13/12	2400/2700	27/35	Ball	33/36	
WK9225A2HSL		220-240	50/60	0.08/0.07	14/13	2300/2600	26/33	Sleeve	32/35	
WK9225A2HBL		220-240	50/60	0.08/0.07	14/13	2400/2700	27/35	Ball	33/36	
WK9238A1HSL	92x92x38	115	50/60	0.15/0.13	15/13	2300/2600	43/49	Sleeve	35/37	360
WK9238A1HBL		115	50/60	0.15/0.13	15/13	2400/2700	45/51	Ball	37/39	
WK9238A2HSL		220-240	50/60	0.09/0.08	18/16	2300/2600	43/49	Sleeve	35/37	
WK9238A2HBL		220-240	50/60	0.09/0.08	18/16	2400/2700	45/51	Ball	37/39	
WK11025A1HSL	110x110x25	115	50/60	0.16/0.14	16/15	2200/2500	45/50	Sleeve	36/39	330
WK11025A1HBL		115	50/60	0.16/0.14	16/15	2300/2600	46/51	Ball	37/40	
WK11025A2HSL		220-240	50/60	0.10/0.09	19/17	2200/2500	45/50	Sleeve	36/39	
WK11025A2HBL		220-240	50/60	0.10/0.09	19/17	2300/2600	46/51	Ball	37/40	
WK12025A1HSL	120x120x25	115	50/60	0.18/0.16	17/16	2200/2500	50/55	Sleeve	40/44	380
WK12025A1HBL		115	50/60	0.18/0.16	17/16	2300/2600	52/57	Ball	42/46	
WK12025A2HSL		220-240	50/60	0.10/0.09	19/17	2200/2500	50/55	Sleeve	40/44	
WK12025A2HBL		220-240	50/60	0.10/0.09	19/17	2300/2600	52/57	Ball	42/46	
WK12038A1HSL	120x120x38	115	50/60	0.23/0.20	20/18	2600/3000	85/100	Sleeve	43/48	500
WK12038A1HBL		115	50/60	0.23/0.20	20/18	2700/3100	95/105	Ball	45/50	
WK12038A2HSL		220-240	50/60	0.14/0.12	22/21	2600/3000	85/100	Sleeve	43/48	
WK12038A2HBL		220-240	50/60	0.14/0.12	22/21	2700/3100	95/105	Ball	45/50	
WK15050A1HSL	150x150x50	115	50/60	0.43/0.39	37/35	2300/2500	150/180	Sleeve	52/53	950
WK15050A1HBL		115	50/60	0.43/0.39	37/35	2400/2600	160/190	Ball	53/55	
WK15050A2HSL		220-240	50/60	0.23/0.21	36/35	2300/2500	150/180	Sleeve	52/53	
WK15050A2HBL		220-240	50/60	0.23/0.21	36/35	2400/2600	160/190	Ball	53/55	
WK17251A1HSL	172x150x51	115	50/60	0.43/0.39	37/35	2300/2500	150/180	Sleeve	52/53	950
WK17251A1HBL		115	50/60	0.43/0.39	37/35	2400/2600	160/190	Ball	53/55	
WK17251A2HSL		220-240	50/60	0.23/0.21	36/35	2300/2500	150/180	Sleeve	52/53	
WK17251A2HBL		220-240	50/60	0.23/0.21	36/35	2400/2600	160/190	Ball	53/55	

SHADED POLE MOTORS

YZF series motor is single-phase, 4-pole shaded pole motor, rated voltage of 220~240V, 50/60Hz or 110V~120V, 60Hz. Widely used in radiators, condenser, evaporators and other refrigeration equipment and warm air blower equipment.

Motor output power range from 1W to 34W, adjust the motor's output power by changing the thickness of the core and the winding parameters.

Motor insulation class B, protection class IP42. According to customer requirements of protection class IP44 motors.

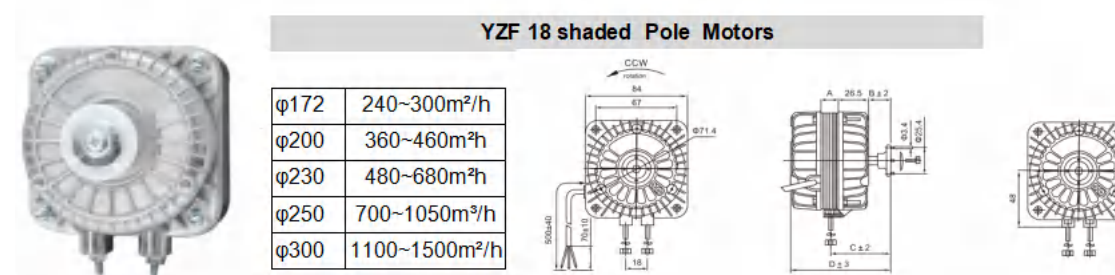
Output power 10W or less motor using impedance protection, output power greater than 10W 125 to 150 degrees using a thermal protector.

Ambient temperature is -30°C~50°C.

Conventional motor with oil bearing, recommends that customers install horizontal manner, while the production of ball bearing motor according to the customer. Motor average life of 20,000 hours.

Motor CE and domestic CCC.

Before the motor, you must be the motor ground wire is connected to the external grounding device effectively.

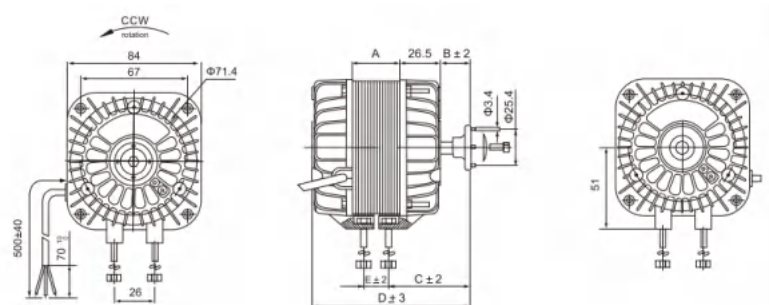


Model	Voltage	Frequency	Rated input	Output	Rated Current	Rated Speed	Air Volume	Fan Blade	Net Weight	A	B	C
	V	Hz	W	W	A	r/min	m3/h	mm	kg	mm	mm	mm
YZF5-13-18	220-240	50/60	20	2	0.14	1300	260	φ172	0.8	13	12	43
YZF5-13-18	220-240	50/60	25	5	0.20	1300	360	φ170	0.8	13	12	43
YZF5-13-18	220-240	50/60	30	5	0.20	1550	430	φ200	0.8	13	12	43
YZF5-13-18	220-240	50/60	33	5	0.20	1550	430					
YZF5-13-18	220-240	50/60	35	5	0.20	1550	430					
YZF6-13-18	110-120	60	33	6	0.55	1550	430					
YZF7-20-18	220-240	50/60	31	7	0.23	1300	480	φ230	1.1	19	13	44
YZF10-20-18	220-240	50/60	36	10	0.25	1300	500	φ200	1.1	19	13	44
	220-240	50/60	40	10	0.25	1300	500	φ230				
	110-120	60	55	10	0.80	1550	620					
YZF12-20-18	220-240	50/60	54	12	0.36	1300	720	φ230	1.1	19		44
YZF16-25-18	220-240	50/60	60	16	0.45	1300	1000	φ250	1.4	25	14	45
YZF18-25-18	110-120	60	70	18	1.01	1550	1050					
YZF25-40-18	220-240	50/60	90	25	0.70	1300	1250	φ300	1.8	40	18	49
	110-120	60	100	25	1.40	1450						
YZF34-45-18	220-240	50/60	110	34	0.85	1300	1400	φ300	2.0	45	22	53
	110-120	60	110	34	1.50	1450						

YZF 26 shaded Pole Motors



φ172	240~300m³/h
φ200	360~460m³/h
φ230	480~680m³/h
φ250	700~1050m³/h
φ300	1100~1500m³/h

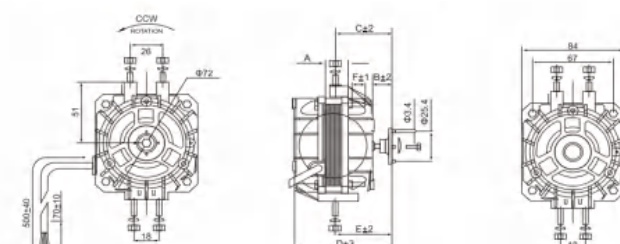


Model	Voltage	Frequency	Rated input	Output	Rated Current	Rated Speed	Air Volume	Fan Blade	Net Weight	A	B	C
	V	Hz	W	W	A	r/min	m³/h	mm	kg	mm	mm	mm
YZF 5-13-26	220-240	50/60	20	2	0.14	1300	260	φ172	0.8	13	12	43
YZF5-13-26	220-240	50/60	29	5	0.20	1300	360	φ200	0.8	13	12	43
YZF6-13-26	110-120	60	33	6	0.55	1550	430					
YZF7-20-26	220-240	50/60	31	7	0.23	1300	480	φ230	1.1	19	13	44
YZF10-20-26	220-240	50/60	36	10	0.25	1300	500	φ230	1.1	19	13	44
	110-120	60	55	10	0.80	1550	620					
YZF12-20-26	220-240	50/60	54	12	0.36	1300	720	φ230	1.1	19	13	44
YZF16-25-26	220-240	50/60	60	16	0.45	1300	1000	φ250	1.4	25	14	45
YZF18-25-26	110-120	60	70	18	1.01	1550	1050					
YZF18-30-26	220-240	50/60	70	18	0.50	1300	1050	φ250	1.5	30	17	48
	110-120	60	75	18	1.10	1450						
YZF25-40-26	220-240	50/60	90	25	0.70	1300	1250	φ300	1.8	40	18	49
	110-120	60	100	25	1.40	1450						
YZF34-45-26	220-240	50/60	110	34	0.85	1300	1400	φ300	2.0	45	22	53
	110-120	60	110	34	1.50	1450						

YZF 4Q shaded Pole Motors



φ172	240~300m³/h
φ200	360~460m³/h
φ230	480~680m³/h
φ250	700~1050m³/h
φ300	1100~1500m³/h



Model	Voltage	Frequency	Rated input	Output	Rated Current	Rated Speed	Air Volume	Fan Blade	Net Weight	A	B	C	D
	V	Hz	W	W	A	r/min	m³/h	mm	kg	mm	mm	mm	mm
YZF5-13-18/26	220-240	50/60	20	2	0.14	1300	260	φ172	0.8	13	12	43	78
YZF5-13-18/26	220-240	50/60	29	5	0.20	1300	360	φ 200	0.8	13	12	43	78
YZF6-13-18/26	110-120	60	33	6	0.55	1550	430						
YZF7-20-18/26	220-240	50/60	31	7	0.23	1300	480	φ 230	1.1	19	13	44	85
YZF10-20-18/26	220-240	50/60	36	10	0.25	1300	500	φ 230	1.1	19	13	44	85
	110-120	60	55	10	0.80	1550	620						
YZF12-20-18/26	220-240	50/60	54	12	0.36	1300	720	φ 230	1.1	19	13	44	85
YZF16-25-18/26	220-240	50/60	60	16	0.45	1300	1000	φ 254	1.4	25	14	45	92
YZF18-25-18/26	110-120	60	70	18	1.01	1550	1050						
YZF18-30-18/26	220-240	50/60	70	18	0.50	1300	1050	φ 254	1.5	30	17	48	101
	110-120	60	75	18	1.10	1450							
YZF25-40-18/26	220-240	50/60	90	25	0.70	1300	1250	φ 300	1.8	40	18	49	112
	110-120	60	100	25	1.40	1450							
YZF34-45-18/26	220-240	50/60	110	34	0.85	1300	1400	φ 300	2.0	45	22	53	121
	110-120	60	110	34	1.50	1450							

MOTOR ACCESSORIES



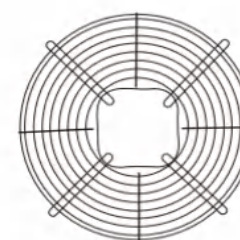
Fan Blade

φ154
φ172
φ200
φ230
φ250
φ254
φ300



Bracket

H39
H55
H72
H84
H109-1
H109-2
H109-3



Grid

φ154
φ172
φ200
φ230
φ250
φ254
φ300



Ring

φ154
φ172
φ200
φ230
φ250
φ254
φ300

CAPACITOR

CBB65 Series

CBB65 AC Motor Capacitor(Column, Aluminum case, Explosion-proofed)



Specification

Reference standards	GB/T 3667.1(IEC60252-1)
Climatic category	40/70/21、40/85/21
Class of operation	Class B(10000h)Class C(3000h)
Class of safety protection	S2
Voltage range	250VAC、370VAC、440VAC、450VAC
Capacitance range	2~100μF
Capacitance tolerance	±5%、±10%、±15%
Dissipation factor	20×10 ⁻⁴ (100Hz,20℃)
Test voltage terminal to terminal UTT	2 Un for 2 seconds
Test voltage terminal to case UTC	(2Un+1000)VAC or 2000VAC-50Hz for 60 seconds
Insulation Resistance	≥3000s(100Hz,20℃,1min)

NO.	Model	Terminal	Size
1	CBB65-450VAC-5μF~9μF	2×4/2×2	φ40×60
2	CBB65-450VAC-10μF		φ40×60
3	CBB65-450VAC-12.5μF		φ40×70
4	CBB65-450VAC-15μF		φ45×70
5	CBB65-450VAC-20μF		φ50×75
6	CBB65-450VAC-25μF		φ50×85
7	CBB65-450VAC-30μF		φ50×100
8	CBB65-450VAC-35μF		φ50×100
9	CBB65-450VAC-40μF		φ50×100
10	CBB65-450VAC-45μF		φ50×100
11	CBB65-450VAC-50μF		φ50×125
12	CBB65-450VAC-55μF		φ50×125
13	CBB65-450VAC-60μF		φ50×125
14	CBB65-450VAC-65μF		φ55×125
15	CBB65-450VAC-70μF		φ55×125
16	CBB65-450VAC-80μF		φ60×125
17	CBB65-450VAC-90μF		φ60×125
18	CBB65-450VAC-100μF		φ63.5×125

CBB61 AC Motor Capacitor(plastic case)



Specification

Reference standards	GB/T 3667.1(IEC60252-1)
Climatic category	40/70/21、40/85/21
Class of operation	Class B(10000h)Class C(3000h)
Class of safety protection	S0/S3
Voltage range	250VAC、370VAC、440VAC、450VAC
Capacitance range	1~35μF
Capacitance tolerance	±5%、±10%、±15%
Dissipation factor	20×10 ⁻⁴ (100Hz,20℃)
Test voltage terminal to terminal UTT	2 Un for 2 seconds
Test voltage terminal to case UTC	(2Un+1000)VAC or 2000VAC-50Hz for 60 seconds
Insulation Resistance	≥3000s(100Hz,20℃,1min)

NO.	Model	450VAC	250VAC
1	1μF	37×13×23	37×13×23
2	1.2μF	37×13×23	37×13×23
3	1.5μF	37×14×25	37×13×23
4	2μF	37×16×28	37×13×23
5	2.5μF	37×18×28	37×14×25
6	3μF	47×18×29	37×14×25
7	3.5μF	47×18×34	37×16×28
8	4μF	47×18×34	37×16×28
9	4.5μF	47×22×34	37×16×28
10	5μF	47×22×34	37×18×28
11	5.5μF	47×22×34	37×18×28
12	6μF	47×22×34	47×18×29
13	6.5μF	48×26×38	47×18×29
14	7μF	48×26×38	47×18×29
15	8μF	48×26×38	47×18×34
16	10μF	58×26×44	47×22×34
17	12μF	58×26×44	47×22×34
18	15μF	58×26×44	47×22×34
19	16μF	58×26×44	48×26×38
20	20μF	58×35×49	48×26×38
21	25μF	58×35×49	48×26×38
22	30μF	negotiable	58×26×44
23	35μF	negotiable	58×26×44

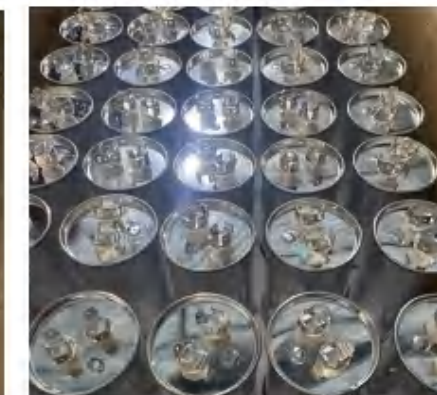
CBB60 AC Motor Capacitor(column,plastic case)

Specification

Reference standards	GB/T 3667.1(IEC60252-1)
Climatic category	40/70/21、40/85/21
Class of operation	Class B(10000h)Class C(3000h)
Class of safety protection	S0/S3
Voltage range	250VAC、370VAC、440VAC、450VAC
Capacitance range	1~60μF
Capacitance tolerance	±5%、±10%、±15%
Dissipation factor	20×10 ⁻⁴ (100Hz,20℃)
Test voltage terminal to terminal UTT	2 Un for 2 seconds
Test voltage terminal to case UTC	(2Un+1000)VAC or 2000VAC-50Hz for 60 seconds
Insulation Resistance	≥3000s(100Hz,20℃,1min)



No	Model	Routine		With screws or pins	
		450VAC	250VAC	450VAC	250VAC
1	1μF	φ26×52	φ26×52	φ30×52	φ30×52
2	2μF	φ26×52	φ26×52	φ30×52	φ30×52
3	2.5μF	φ26×52	φ26×52	φ30×52	φ30×52
4	3μF	φ26×52	φ26×52	φ30×52	φ30×52
5	3.5μF	φ26×52	φ26×52	φ30×59	φ30×52
6	4μF	φ28.5×55	φ26×52	φ35×62	φ30×52
7	4.5μF	φ28.5×55	φ26×52	φ35×62	φ30×52
8	5μF	φ28.5×55	φ26×52	φ35×62	φ30×52
9	5.5μF	φ34×62	φ26×52	φ35×62	φ30×52
10	6μF	φ34×62	φ26×52	φ35×62	φ30×52
11	6.5μF	φ34×62	φ26×52	φ35×62	φ30×52
12	7μF	φ34×62	φ26×52	φ35×62	φ30×52
13	8μF	φ34×62	φ26×52	φ35×62	φ30×52
14	9μF	φ34×62	φ26×52	φ35×62	φ30×52
15	10μF	φ34×62	φ26×52	φ35×72	φ30×52
16	12μF	φ37×73	φ26×52	φ35×72	φ30×61
17	14μF	φ37×73	φ34×62	φ40×72	φ30×61
18	15μF	φ37×73	φ34×62	φ40×72	φ30×61
19	16μF	φ37×73	φ34×62	φ40×72	φ30×61
20	18μF	φ37×73	φ34×62	φ40×72	φ35×67
21	20μF	φ40×72	φ34×62	φ40×72	φ35×67
22	25μF	φ42×80	φ42×62	φ40×72	φ35×67
23	30μF	φ42×90	φ40×72	φ45×95	φ40×72
24	35μF	φ45×90	φ40×72	φ45×95	φ40×72
25	40μF	φ50×100	φ42×90	φ50×110	φ40×97
26	45μF	φ50×100	φ42×90	φ50×110	φ40×97
27	50μF	φ50×100	φ42×90	φ50×120	φ40×97
28	60μF	φ50×115	φ42×90	φ50×120	φ40×97





EVAPORATOR



Fin space: 4.5mm

Model	Capacity, Temperature of Storage - 8°C ,DT=8K	Area	Tube Volume	Ring-row number	Liquid	Gas	Fan					Electric Defrost	
							Air Flow	Quantit y	Diameter	Voltage	Power	Coil	Drain pan
	W	m ²	dm ³		mm	mm	m ³ /h	pcs	mm	V	w	W	W
DL-2/10	2000	10	1.8	3×8	Φ12	Φ19	1670	1	Φ300	380/220	80	1200	600
DL-3/15	3000	15	2.5	2×8	Φ12	Φ19	2×1670	2	Φ300	380/220	2×80	1800	900
DL-4.1/20	4100	20	3.0	2×8	Φ12	Φ19	2×1670	2	Φ300	380/220	2×80	2400	1200
DL-6.2/30	6200	30	4.5	3×8	Φ12	Φ22	2×2300	2	Φ350	380/220	2×129	2400	1200
DL-8.2/40	8200	40	6.4	3×10	Φ16	Φ25	2×3700	2	Φ400	380/220	2×180	2400	1200
DL-11.2/55	11200	55	8.5	4×10	Φ16	Φ25	2×3700	2	Φ400	380/220	2×180	3000	1500
DL-16.2/80	16200	80	12.4	4×11	Φ19	Φ35	2×6750	2	Φ500	380	2×414	3000	1500
DL-21.5/105	21500	105	17.0	5×12	Φ19	Φ42	2×6750	2	Φ500	380	2×414	4500	1500
DL-25.0/125	25000	125	21.2	5×12	Φ25	Φ42	3×6750	3	Φ500	380	3×414	6000	2000
DL-32.6/160	32600	160	25.4	5×12	Φ25	Φ42	3×6750	3	Φ500	380	3×414	6000	2000
DL-37.9/185	37900	185	29.7	5×12	Φ25	Φ50	4×6750	4	Φ500	380	4×414	7200	2400
DL-42.7/210	42700	210	33.9	5×12	Φ25	Φ50	4×6750	4	Φ500	380	4×414	7200	2400
DL-52.9/260	52900	260	45.1	8×16	Φ25	Φ50	2×16000	2	Φ600 Duct Fan	380	2×1500	10000	4000
DL-69.4/340	69400	340	54.6	8×16	Φ25	Φ50	3×16000	3	Φ600 Duct Fan	380	3×1500	10000	4000
DL-83.6/410	83600	410	63.6	8×16	Φ28	Φ54	3×16000	3	Φ600 Duct Fan	380	3×1500	12000	4800
DL-94/470	94000	470	75.0	8×16	Φ28	Φ54	4×16000	4	Φ600 Duct Fan	380	4×1500	12000	4800
DL-116/580	116000	580	94	10×16	2-Φ25	2-Φ50	4×16000	4	Φ600 Duct Fan	380	4×1500	16800	4800
Remark	Refrigerant: R404a, evaporating temperature -8°C												

Fin space: 6mm

Model	Capacity, Temperature of Storage - 8°C ,DT=8K	Area	Tube Volume	Ring-row number	Liquid	Gas	Fan					Electric Defrost	
							Air Flow	Quantit y	Diameter	Voltage	Power	Coil	Drain pan
	W	m ²	dm ³		mm	mm	m ³ /h	pcs	mm	V	w	W	W
DD-1.3/7	1300	7	1.8	3×8	Φ12	Φ19	1670	1	Φ300	380/220	80	1200	600
DD-2.2/12	2200	12	2.5	2×8	Φ12	Φ19	2×1670	2	Φ300	380/220	2×80	1800	900
DD-2.8/15	2800	15	3.0	2×8	Φ12	Φ19	2×1670	2	Φ300	380/220	2×80	2400	1200
DD-3.7/22	3700	22	4.5	3×8	Φ12	Φ22	2×2300	2	Φ350	380/220	2×129	2400	1200
DD-5.6/30	5600	30	6.4	3×10	Φ16	Φ25	2×3700	2	Φ400	380/220	2×180	2400	1200



DD-7.5/40	7500	40	8.5	4×10	Φ16	Φ25	2×3700	2	Φ400	380	2×180	4500	1500
DD-11.2/60	11200	60	12.4	4×11	Φ19	Φ35	2×6750	2	Φ500	380	2×414	6000	1500
DD-14.9/80	14900	80	17.0	5×12	Φ19	Φ42	2×6750	2	Φ500	380	2×414	7500	1500
DD-18.7/100	18700	100	21.2	5×12	Φ25	Φ42	3×6750	3	Φ500	380	3×414	10000	2000
DD-22.4/120	22400	120	25.4	5×12	Φ25	Φ42	3×6750	3	Φ500	380	3×414	10000	2000
DD-26.2/140	26200	140	29.7	5×12	Φ25	Φ50	4×6750	4	Φ500	380	4×414	12000	2400
DD-29.8/160	29800	160	33.9	5×12	Φ25	Φ50	4×6750	4	Φ500	380	4×414	12000	2400
DD-37.4/200	37400	200	45.1	8×16	Φ25	Φ50	2×1500	2	Φ600 Duct Fan	380	2×1500	14000	4000
DD-48.4/255	48400	255	54.6	8×16	Φ25	Φ50	3×1500	3	Φ600 Duct Fan	380	3×1500	14000	4000
DD-56.1/300	56100	300	63.6	8×16	Φ28	Φ54	3×1500	3	Φ600 Duct Fan	380	3×1500	16800	4800
DD-67/360	67000	360	75.0	8×16	Φ28	Φ54	4×16000	4	Φ600 Duct Fan	380	4×1500	16800	4800
DD-81/440	81000	440	94	10×16	2-Φ25	2-Φ50	4×16000	4	Φ600 Duct Fan	380	4×1500	24000	4800
Remark	Refrigerant: R404a, evaporating temperature -26°C												

Fin space: 9mm

Model	Capacity, Temperature of Storage - 8°C ,DT=8K	Area	Tube Volume	Ring-row number	Liquid	Gas	Fan					Electric Defrost	
							Air Flow	Quantit y	Diameter	Voltage	Power	Coil	Drain pan
	W	m ²	dm ³		mm	mm	m ³ /h	pcs	mm	V	w	W	W
DJ-1.3/8	1300	8	2.5	2×8	Φ12	Φ19	2×1670	2	Φ300	380/220	2×80	1800	900
DJ-1.7/10	1700	10	3.0	2×8	Φ12	Φ19	2×1670	2	Φ300	380/220	2×80	2400	1200
DJ-2.1/15	2100	15	4.5	3×8	Φ12	Φ22	2×2300	2	Φ350	380/220	2×129	2400	1200
DJ-3.4/20	3400	20	6.4	3×10	Φ16	Φ25	2×3700	2	Φ400	380/220	2×180	2400	1200
DJ-4.6/30	4600	30	8.5	4×10	Φ16	Φ25	2×3700	2	Φ400	380	2×180	4500	1500
DJ-6.8/40	6800	40	12.4	4×11	Φ19	Φ35	2×6750	2	Φ500	380	2×414	6000	1500
DJ-8.9/55	8900	55	17.0	5×12	Φ19	Φ42	2×6750	2	Φ500	380	2×414	7500	1500
DJ-11.6/70	11600	70	21.2	5×12	Φ25	Φ42	3×6750	3	Φ500	380	3×414	10000	2000
DJ-14.3/85	14300	85	25.4	5×12	Φ25	Φ42	4×6750	3	Φ500	380	3×414	10000	2000
DJ-17.1/105	17100	105	29.7	5×12	Φ25	Φ50	4×6750	4	Φ500	380	4×414	12000	2400
DJ-19.6/115	19600	115	33.9	5×12	Φ25	Φ50	4×6750	4	Φ500	380	4×414	12000	2400
DJ-23.9/140	23900	140	45.1	8×16	Φ25	Φ50	2×16000	2	Φ600 Duct Fan	380	2×1500	14000	4000
DJ-28.9/170	28900	170	54.6	8×16	Φ25	Φ50	3×16000	3	Φ600 Duct Fan	380	3×1500	14000	4000
DJ-35.8/210	35800	210	63.6	8×16	Φ28	Φ54	3×16000	3	Φ600 Duct Fan	380	3×1500	16800	4800
DJ-41/250	41000	250	75.0	8×16	Φ28	Φ54	4×16000	4	Φ600 Duct Fan	380	4×1500	16800	4800
DJ-52/300	52000	300	94.0	10×16	2-Φ25	2-Φ50	4×16000	4	Φ600 Duct Fan	380	4×1500	24000	4800
Remark	Refrigerant: R404a, evaporating temperature -33°C												



CONDENSER



Model	Heat exchange capacity (Kw)	Number of coils	Heat exchange area(m)	Fan				Diameter of connection pipe(mm)		Dimension(mm)	Installation dimension(mm)	
				Power W	φ Diameter	Air flow(m³/h)	V Voltage	Inlet	Outlet		D	E
FNH-0.6/2.1	0.6	2×4	2.1	1×35	φ200	430	220	10	10	280×120×240	280	60
FNH-1.0/3.4	1	3×4	3.4	1×35	φ200	430	220	10	10	280×120×240	280	60
FNH-1.5/5.0	1.5	3×5	5	1×60	φ250	910	220	10	10	325×120×290	325	60
FNH-1.7/5.7	1.7	3×6	5.7	1×75	φ300	1530	220	10	10	370×130×340	370	70
FNH-2.2/8.0	2.2	4×6	8	1×75	φ300	1530	220	12	12	370×150×340	370	90
FNH-3.5/12	3.5	4×8	12	1×120	φ350	1800	220/380	16	16	430×180×430	420	120
FNH-4.4/15	4.4	4×9	15	1×120	φ350	1800	220/380	16	16	480×180×480	470	120
FNH-5.4/18	5.4	4×10	18	1×180	φ400	3000	220/380	16	16	520×180×530	510	120
FNH-6.7/22A	6.7	5×10	22	1×180	φ400	3000	220/380	16	16	520×200×530	510	140
FNH-6.7/22B	6.7	4×8	22	2×120	φ350	3600	220/380	16	16	820×180×430	805	120
FNH-8.3/28	8.3	4×9	28	2×120	φ350	3600	380	16	16	880×180×480	865	120
FNH-9.8/33	9.8	4×10	33	2×180	φ400	6000	380	16	16	930×180×530	915	120
FNH-12.5/41	12.5	4×12	41	2×180	φ400	6000	380	19	16	930×180×630	915	120
FNH-14.8/49	14.8	5×12	49	2×180	φ400	6000	380	19	16	930×200×630	915	140
FNH-16/55	16	4×14	55	2×180	φ400	6000	380	19	16	1100×200×730	1085	140
FNH-17/60	17	4×14	60	2×250	φ450	9000	380	19	16	1140×200×730	1125	140
FNH-20/70	20	4×18	70	4×120	φ350	7200	380	25	19	1140×200×930	1125	140
FNH-23/80	23	4×20	80	4×180	φ400	12000	380	25	19	1140×200×1030	1125	140
FNH-29/100	29	5×20	100	4×180	φ400	12000	380	25	19	1140×200×1030	1125	140
FNH-32/110	32	5×22	110	4×180	φ400	12000	380	32	19	1140×200×1130	1125	140
FNH-35/120	35	5×24	120	4×180	φ400	12000	380	32	19	1140×200×1230	1125	140
FNH-41/140	41	5×26	140	4×250	φ450	18000	380	32	19	1180×220×1330	1165	160

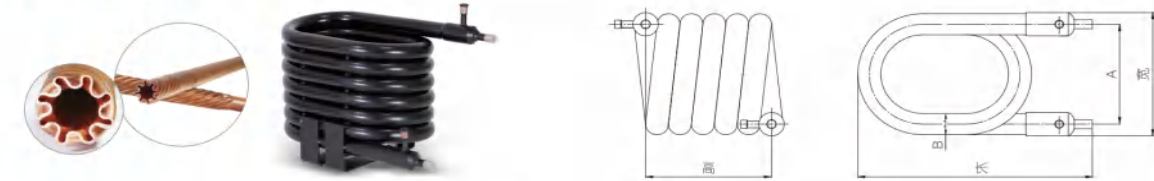
COAXIAL TUBE TYPE HEAT EXCHANGER

Round series



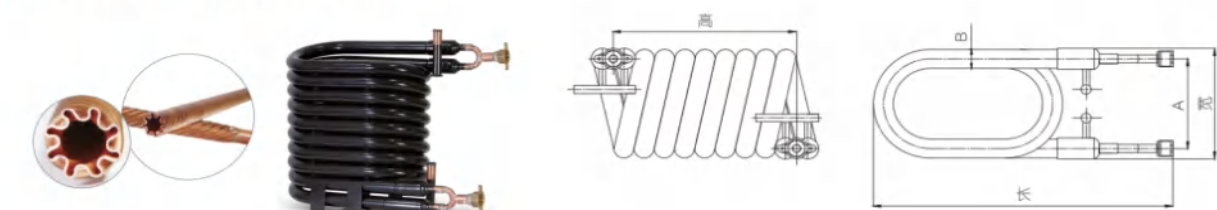
Model	Water inlet pipe diameter OD mm	Refrigerant Inlet pipe ID mm	Refrigerant Outlet pipe ID mm	Length mm	Width mm	Height mm	A mm	B mm
0.5HP	12.7	9.52	9.52	230	168	95	140	25.4
0.75HP	12.7	9.52	9.52	230	168	120	140	25.4
1.0HP	12.7	9.52	9.52	230	168	145	140	25.4
1.5HP	12.7	9.52	9.52	230	168	196	140	25.4
2.0HP	12.7	9.52	9.52	240	177	220	145	28.7
2.5HP	12.7	9.52	9.52	240	177	278	145	28.7
3.0HP	12.7	9.52	9.52	240	177	306	145	28.7

Runway Series



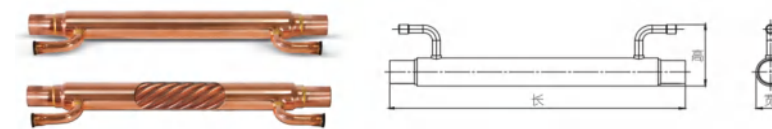
Model	Water inlet pipe diameter OD mm	Refrigerant Inlet pipe ID mm	Refrigerant Outlet pipe ID mm	Length mm	Width mm	Height mm	A mm	B mm
4.0HP	16.0	12.7	12.7	390	222	168	180	38.0
5.0HP	16.0	12.7	12.7	390	222	206	180	38.0
6.5HP	16.0	12.7	12.7	390	222	244	180	38.0
8.0HP	16.0	12.7	12.7	390	222	356	180	38.0
10HP	16.0	12.7	12.7	390	222	430	180	38.0

Double Runway Series



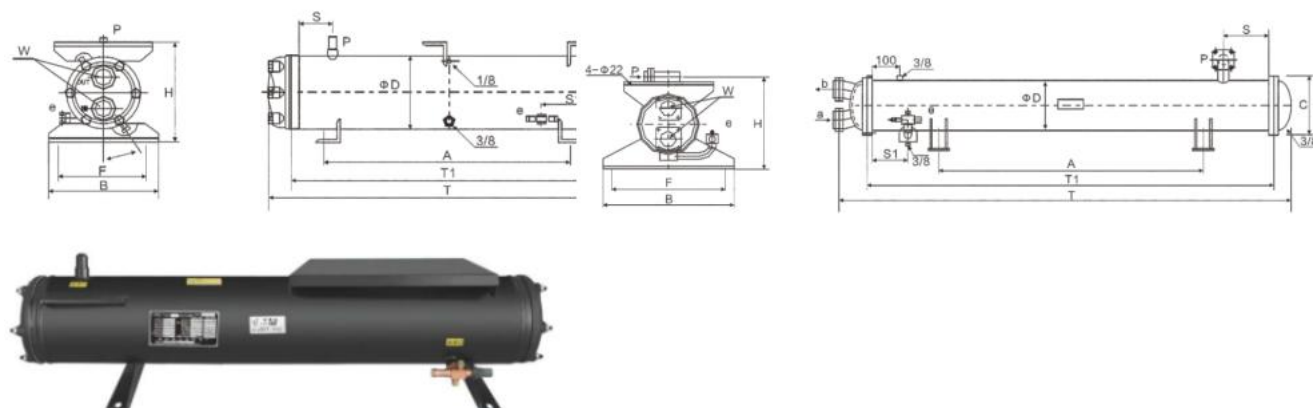
Model	Water inlet pipe diameter OD mm	Refrigerant Inlet pipe ID mm	Refrigerant Outlet pipe ID mm	Length mm	Width mm	Height mm	A mm	B mm
SL8.0HP	G1	22.22	22.22	570	222	419	180	38
SL10HP	G1	22.22	22.22	570	222	495	180	38
SL12HP	G1	22.22	22.22	570	222	571	180	38

All-copper economizer



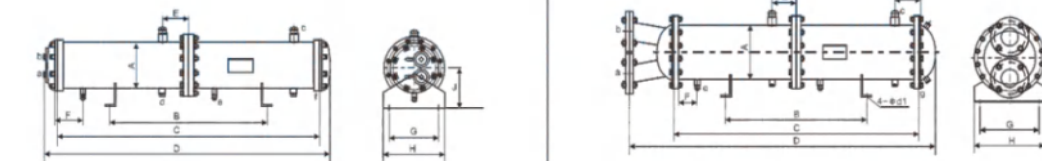
Model	Refrigerant pipe OD mm	Refrigerant pipe ID mm	Length mm	Width mm	Height mm
JJQ-0.5HP	12.7	6.35	292	22.2	55
JJQ-1.0HP	15.88	9.52	350	28.6	59
JJQ-1.5HP	22.2	9.52	350	28.6	59
JJQ-2.0HP	28.6	9.52	350	35	75
JJQ-3.0HP	28.6	12.7	365	35	75
JJQ-5.0HP	28.6	15.88	365	42	88
JJQ-7.5HP	38.1	15.88	420	42	88
JJQ-10HP	54	22.23	440	67	135

SHELL AND TUBE CONDENSER SINGLE SERIES - STA Type



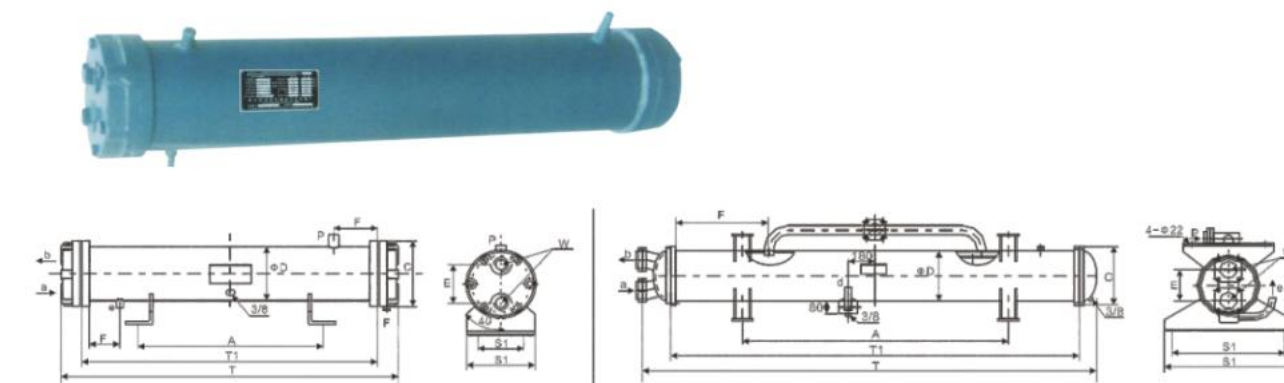
Model	Heat exchange (KW)	water discharge (m³/h)	Outline Dimension(mm)					Mounting dimension(mm)				Inlet and outlet, Diameter (φmm)			Water flow
			D	T	T1	B	H	F	A	S	S1	p	e	W	
STA-3	8.16	1.80	159	720	620	260	265	220	440	90	160	22	10	1-1/4"	2
STA-4	11.5	2.5	159	720	620	260	265	220	440	90	160	22	10	1-1/4"	2
STA-5	14.2	3.1	219	880	780	370	324	320	580	90	160	22	12	1-1/2"	2
STA-8	20.4	4.5	219	1080	960	370	324	320	700	90	160	22	16	1-1/2"	2
STA-10	23.8	5.2	219	1250	1150	370	324	320	850	90	160	28	16	1-1/2"	2
STA-15	38	8.2	273	1250	1150	440	378	390	850	90	160	31	16	2"	2
STA-20	51.4	11	273	1250	1150	440	378	390	850	90	160	31	19	2"	2
STA-25	62.5	13.5	273	1250	1150	440	378	390	850	90	160	38	22	2-1/2"	2
STA-30	76	16.5	273	1250	1150	440	378	390	850	90	160	38	22	2-1/2"	2
STA-35	88	19	273	1600	1500	440	378	390	850	90	160	38	28	2-1/2"	2
STA-40	100	22	273	1600	1500	440	378	390	850	90	160	38	28	2-1/2"	2
STA-45	114	25	273	2060	1960	440	378	390	1200	90	160	45	28	2-1/2"	2
STA-50	128	27.5	273	2060	1960	440	378	390	1200	90	160	45	35	2-1/2"	2
STA-55	140	30	273	2060	1960	440	378	390	1200	90	160	45	35	2-1/2"	2
STA-60	155	33	273	2060	1960	440	378	390	1200	90	160	45	35	2-1/2"	2
STA-70	178	38	325	2300	1960	440	520	390	1200	150	160	54	35	3"	2
STA-80	204	44	325	2300	2000	440	520	390	1200	150	160	54	35	3"	2
STA-90	238	47	325	2300	2000	440	520	390	1200	150	160	54	35	3"	2
STA-100	256	55	325	2300	2000	440	520	390	1200	150	160	54	35	3"	2
STA-110	285	61	325	2600	2300	440	550	390	1200	150	160	54	42	3"	2
STA-120	310	66	325	2600	2300	440	550	390	1500	150	160	76	42	3"	2
STA-130	336	72	325	2700	2300	440	550	390	1500	150	160	76	42	4"	2
STA-140	362	80	325	2900	2500	440	580	390	1500	150	160	76	42	4"	2
STA-150	392	85	325	2900	2500	440	580	390	1500	150	160	76	42	4"	2

SHELL AND TUBE CONDENSER DOUBLE Series - STB Type



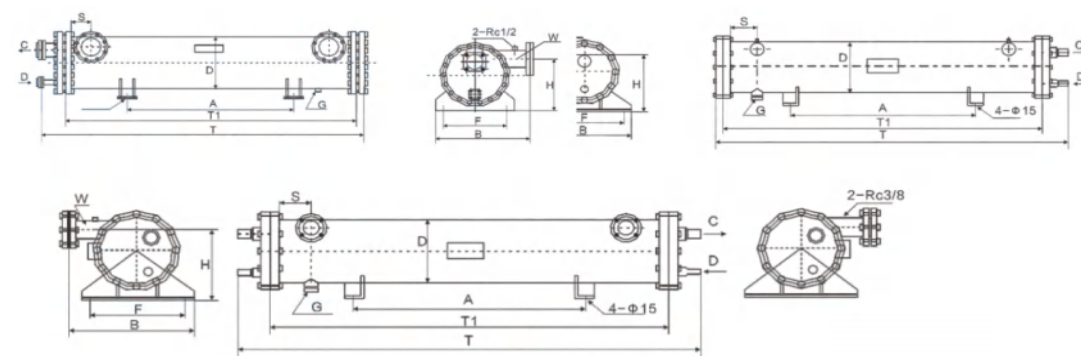
Model	Heat exchange (KW)	Kcal/h	Tube size						Outline Dimension(mm)								
			a(DN)	b(DN)	c(φ)	d(Rc)	e(φ)	f(Rc)	A	B	C	D	E	F	G	H	J
STB5×2	35.2	30272	1-1/2	1-1/2	16	3/8	12	1/4	159	600	1250	1350	100	80	150	220	130
STB7.5×2	52.8	45408	2	2	22	3/8	16	1/4	158	800	1560	1680	100	80	150	220	130
STB10×2	70.3	60458	2	2	22	3/8	16	1/4	219	800	1560	1690	100	80	180	250	160
STB12.5×2	87.9	75594	2	2	28	3/8	19	1/4	219	800	1560	1690	100	80	180	250	160
STB15×2	105.5	90730	2-1/2	2-1/2	28	3/8	19	1/4	219	800	1600	1690	100	80	180	250	160
STB17.5×2	123.1	105866	2-1/2	2-1/2	35	3/8	22	4/4	219	1200	1920	2230	120	100	180	250	160
STB20×2	140.7	121002	2-1/2	2-1/2	35	3/8	22	1/4	219	1200	1920	2230	120	100	180	250	160
STB25×2	175.9	151274	2-1/2	2-1/2	35	3/8	22	1/4	245	1200	1920	2250	120	100	200	280	175
STB30×2	211	181460	80	80	42	3/8	28	1/4	273	1200	1920	2250	120	100	220	300	185
STB35×2	246.2	211732	80	80	42	3/8	28	1/4	273	1200	1920	2250	120	100	220	300	185
STB40×2	281.4	242004	100	100	42	3/8	28	1/4	273	1600	2600	2950	120	120	220	300	185
STB50×2	351.7	302462	100	100	54	3/8	35	1/4	273	2000	3200	3500	140	120	220	300	185
STB60×2	422	362920	125	125	54	3/8	35	1/4	299	2000	3200	3500	140	120	240	320	210
STB70×2	492.4	423464	125	125	54	3/8	35	1/4	325	2000	3200	3500	140	120	270	350	225
STB80×2	562.7	483922	150	150	76	3/8	42	1/4	351	2000	3200	3500	140	130	300	380	245
STB90×2	633.1	544466	150	150	76	3/8	42	1/4	377	2000	3200	3600	150	130	330	410	260
STB100×2	703.4	604924	150	150	89	3/8	54	1/4	426	2000	3200	3600	150	150	410	510	295

SHELL AND TUBE CONDENSER WS Type



Model	Heat exchange (RT)	Outline Dimension(mm)									Joint diameter(mm)			water discharge	Water flow
		D	T1	T	A	F	C	E	S	S1	p	e	W	m³/h	PS
WS-3	3	127	650	750	500	65	155	90	180	130	16	16	1"	2.2	4
WS-5	5	140	650	750	500	65	155	90	180	130	16	16	1"	3.8	4
WS-6	6	168	810	900	600	65	155	110	200	150	16	16	1-1/2"	4.5	4
WS-8	8	168	810	900	600	65	195	110	200	150	16	16	1-1/2"	6.0	4
WS-10	10	168	960	1040	600	65	195	110	200	150	22	16	1-1/2"	7.5	4
WS-12	12	219	960	1040	600	65	240	120	250	200	28	22	2"	9.0	4
WS-15	15	219	1200	1300	800	65	240	120	250	200	28	22	2"	11	4
WS-20	20	219	1200	1300	800	65	240	120	250	200	28	22	2"	15	4
WS-25	25	219	1500	1590	1000	65	240	120	250	200	36	28	2"	19	4
WS-30	30	219	1500	1590	1000	75	240	120	250	200	40	28	2"	23	4
WS-35	35	273	1778	1868	1200	75	300	130	360	320	40	28	2"	26	2
WS-40	40	273	1778	1868	1200	75	300	130	360	320	40	28	2-1/2"	30	2
WS-45	45	273	2032	2136	1500	75	300	130	360	320	40	28	2-1/2"	34	2
WS-50	50	273	2032	2136	1500	75	300	130	360	320	40	28	2-1/2"	38	2
WS-55	55	273	2032	2136	1500	75	300	130	360	320	40	28	2-1/2"	42	2
WS-60	60	273	2032	2136	1500	300	300	130	360	320	40	28	3"	45	2
WS-70	70	325	2032	2170	1500	300	380	200	440	380	55	36	3"	53	2
WS-80	80	325	2032	2188	1500	300	380	200	440	380	55	36	4"	60	2
WS-90	90	325	2032	2330	1500	300	380	200	440	380	65	36	4"	68	2
WS-100	100	351	2032	2330	1500	300	440	200	480	380	80	50	4"	75	2

SHELL AND TUBE EVAPORATOR SINGLE SERIES -CS Type



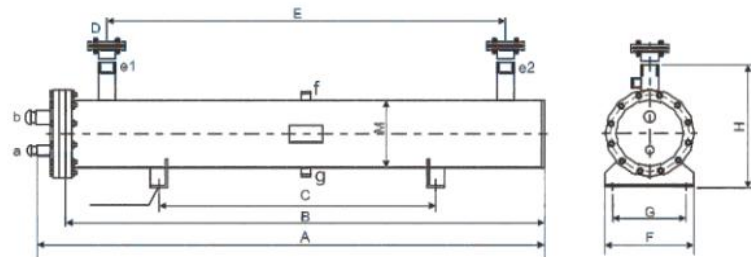
Model	Heat exchange (KW)	water discharge (m³/h)	Outline Dimension(mm)					Mounting dimension(mm)			Inlet and outlet, Diameter (φmm)			
			D	T	T1	B	H	F	A	S	C	D	G	W
CS-5	17.5	3	168	1084	914	290	180	150	600	90	22	16	3/8	1-1/4"
CS-8	28	4.8	219	1084	914	350	234	200	600	90	28	16	3/8	1-1/4"
CS-10	35	6	219	1084	914	350	230	200	600	90	35	16	3/8	1-1/2"
CS-15	53	9	219	1370	1200	350	224	200	800	90	42	22	3/8	2"
CS-20	70	12	273	1770	1200	420	280	250	1200	100	54	22	3/8	2-1/2"
CS-25	88	15	273	1770	1600	420	280	250	1200	100	54	28	3/8	2-1/2"
CS-30	105	18	273	1770	1600	420	280	250	1200	100	54	28	3/8	2-1/2"
CS-35	122	21	273	1970	1800	420	280	250	1400	120	54	28	3/8	2-1/2"
CS-40	140	24	273	1970	1800	420	280	250	1400	120	54	35	3/8	2-1/2"
CS-45	158	27	273	1970	1800	420	273	250	1400	120	54	35	3/8	3"
CS-50	175	30	325	2000	1800	480	335	350	1400	120	54	35	3/4	3"
CS-55	192	33	325	2000	1800	480	335	350	1400	120	54	35	3/4	3"
CS-60	210	36	325	2400	2200	480	335	350	1600	120	80	35	3/4	3"
CS-70	245	42	325	2400	2200	480	335	350	1600	150	80	35	3/4	3"
CS-80	280	49	351	2600	2400	480	340	380	1600	150	80	35	3/4	4"
CS-90	315	55	351	2800	2600	480	340	380	1600	150	80	35	3/4	4"
CS-100	350	60	410	2800	2600	580	412	440	1600	150	80	35	3/4	5"

SHELL AND TUBE EVAPORATOR DOUBLE SERIES-CS Type

Model	Heat exchange (KW)	water discharge (m³/h)	Outline Dimension(mm)					Mounting dimension(mm)			Inlet and outlet, Diameter (φmm)			
			D	T	T1	B	H	F	A	S	C	D	G	W
CS-2×5	30	5	219	1184	914	420	220	250	600	100	28	16	3/4	1-1/2"
CS-2×10	70	12	273	1470	1200	420	280	250	800	100	35	22	3/4	2-1/2"
CS-2×15	100	17.5	273	2100	1800	480	280	350	1000	120	35	22	3/4	2-1/2"
CS-2×20	140	24	325	2100	1800	480	348	350	1000	120	54	22	3/4	2-1/2"



SINGLE U-TUBE EVAPORATOR SERIES



Model	Heat exchange (KW)	Kcal/h	Tube size							
			a(φ)	b(φ)	c(DN)	d(DN)	e1(Rc)	e2(G)	f(Rc)	g(Rc)
CSU18	18	15480	12	28	1-1/4	1-1/4	1/2	1	3/8	3/8
CSU28	28	24080	16	35	1-1/2	1-1/2	1/2	1	3/8	3/8
CSU35	35	30100	16	35	1-1/2	1-1/2	1/2	1	3/8	3/8
CSU47	47	40420	22	35	1-1/2	1-1/2	1/2	1	3/8	3/8
CSU56	56	48160	22	42	2	2	1/2	1	3/8	3/8
CSU65	65	55900	22	42	2	2	1/2	1	3/8	3/8
CSU80	80	68800	28	54	65	65	1/2	1	3/8	3/8
CSU95	95	81700	28	54	65	65	1/2	1	3/8	3/8
CSU120	120	103200	35	67	80	80	1/2	1	3/8	3/8
CSU135	135	116100	35	67	80	80	1/2	1	3/8	3/8
CSU155	155	133300	35	67	80	80	1/2	1	3/8	3/8
CSU185	185	159100	35	76	80	80	1/2	1	3/8	3/8
CSU220	220	189200	35	76	100	100	1/2	1	3/8	3/8
CSU270	270	232200	42	89	100	100	1/2	1	3/8	3/8
CSU310	310	266600	42	89	125	125	1/2	1	3/8	3/8
CSU360	360	309600	42	108	125	125	1/2	1	3/8	3/8
CSU420	420	361200	42	108	125	125	1/2	1	3/8	3/8
CSU470	470	404200	54	108	150	150	1/2	1	3/8	3/8
CSU540	540	464400	54	108	150	150	1/2	1	3/8	3/8
CSU620	620	533200	54	133	150	150	1/2	1	3/8	3/8
CSU680	680	584800	54	133	150	150	1/2	1	3/8	3/8

Model	Outline Dimension(mm)								
	A	B	C	D	E	F	G	H	M
CSU18	889	824	500	50	690	200	150	260	140
CSU28	1270	1155	830	55	1020	200	150	260	140
CSU35	1270	1155	830	55	1020	250	200	290	168
CSU47	1397	1332	1000	55	1200	250	200	290	168
CSU56	1397	1332	1000	65	1200	300	250	310	219
CSU65	1397	1332	1000	65	1200	300	250	310	219
CSU80	1626	1561	1200	100	1340	300	250	310	219
CSU95	1626	1561	1200	100	1340	300	250	310	219
CSU120	1829	1764	1400	110	1500	300	250	310	219
CSU135	2108	2043	1600	110	1800	300	250	310	219
CSU155	2312	2247	1700	110	2000	300	250	310	219
CSU185	2312	2247	1700	110	2000	330	280	350	245
CSU220	2693	2623	2000	120	2350	330	280	350	245
CSU270	2693	2623	2000	120	2350	360	310	390	273
CSU310	2794	2724	2000	130	2420	360	310	390	273
CSU360	2794	2724	2000	130	2420	380	330	465	299
CSU420	2794	2724	2000	130	2420	400	340	450	325
CSU470	2896	2826	2100	150	2480	440	380	470	351
CSU540	2896	2826	2100	150	2480	440	380	470	351
CSU620	2896	2826	2100	150	2480	490	430	500	377
CSU680	2896	2826	2100	150	2480	530	470	600	426

BRAZED HEAT EXCHANGER

Copper brazing

Brazing material: copper

Design temperature: -196°C – 225°C

MAX.Design pressure: 4.5Mpa

All stainless steel fusion –bonded

Brazing material: Stainless steel

Design temperature: -196 °C – 550 °C

Design pressure: 2.5Mpa

Model series: ZL–R, please consult our sales for more details

● CONNECTION MODE



Male thread



Female thread



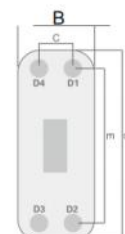
Flange



SAE Flange

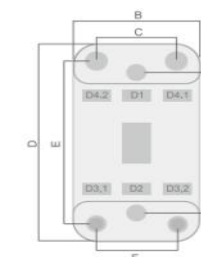


Soldering

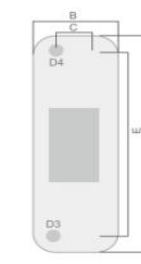


Model	B(mm)	C(mm)	D(mm)	E(mm)	Thickness (mm)	Weight (Kg)	Max flowrate (m3/h)	Dseign pressure (Mpa)
ZL10	77	42	155	119	9+1.25N	0.28+0.027N	4	3/4.5
ZL14	77	42	206	172	9+2.3N	0.7+0.06N	8	1/3/4.5
ZL16	78	42	208	172	9+2.24N	0.6+0.049N	8	1/3/4.5
ZL18	95	50	210	165	7+3.1N	0.7+0.06N	8	1
ZL20A	93	40	323	269	9+1.5N	1+0.09N	8	3/4.5
ZL20B	78	42	318	282	9+2.3N	1+0.08N	8	3/4.5
ZL20C	77	42	313	278	10+1.28N	0.9+0.07N	8	3/4.5
ZL26	111	50	310	250	10+2.32N	1.3+0.12N	18	3/4.5
ZL26F	107	50	307	250	10+1.98N	1.3+0.1N	18	3/4.5
ZL28B	120	72	290	243	10+2.36N	1.5+0.133N	18	3/4.5
ZL28C	120	63	290	234	10+2.36N	1.5+0.133N	18	3/4.5
ZL30	126	70	307	250	10+2.35N	2.2+0.16N	18	3/4.5
ZL42A	121	68	332	279	10+1.53N	2.05+0.11N	18	3/4.5
ZL52	111	50	526	466	9+2.32N	2.6+0.21N	18	3/4.5
ZL53	106	50	522	466	9+2.1N	2.6+0.27N	18	3/4.5
ZL62	120	63	528	470	10+2.35N	2.379+0.194N	18	3/4.5
ZL62F	120	63	527	470	10+1.98N	2.379+0.18N	18	3/4.5
ZL65	125	65	540	480	11+2.28N	2.5+0.228N	18	3/4.5
ZL95	189	92	616	519	11+2.7N	7.8+0.44N	42	3/4.5
ZL95F	182	92	609	519	12+2.05N	15+0.36N	42	3/4.5
ZL120	246	174	528	456	10+2.34N	7.2+0.52N	42	3/4.5
ZL190	303	179	695	567	13+2.3N	12+0.61N	100	1.6/2.1/3
ZL200	320	188	742	603	14+2.7N	13+0.67N	100	1.5/2.1/3
ZL200E	320	207	742	624	14+2.7N	13+0.67N	100	1.5/2.1/3
ZL202	319	188	741	603	16+2.85N	13+0.957N	100	2.1/3
ZL300	370	118(95.5)	995	861(816)	17+2.675N	20+1.26N	200	1.6/2.1/3
ZL500	304	179	982	854	17+2.29N	26.6+0.93N	200	2.1/3
JY01	390	204	1320	1132	22+2.75N	30+1.8N	300	3/4.5

Model	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Thickness (mm)	Weight (Kg)	Max flowrate (m3/h)	Dseign pressure (Mpa)
ZL230F	249	161	497	414	172	369	13+2.1N	6.5+0.37N	42	3/4.5
ZL250	319	205.2	736	631.7	224.4	568	15+2.6N	13+0.82N	100	3/4.5



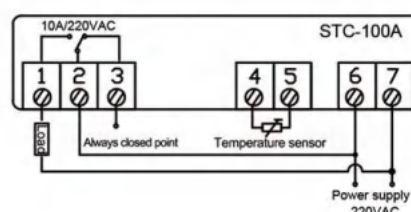
Model	B(mm)	C(mm)	D(mm)	E(mm)	Thickness (mm)	Weight (Kg)	Max flowrate (m3/h)	Dseign pressure (Mpa)	
AL14	77	42	206	172	44+2.3N+6	1.06+1.4+0.06N	8	Air side	1.6
					50+2.3N+6	1.19+1.4+0.06N		Fluorine side	3.0
					80+2.3N+6	1.85+1.4+0.06N			
AL26	111	50	310	250	50+2.32N+8	1.93+2.6+0.12N	18	Air side	1.6
					75+2.32N+8	2.77+2.6+0.12N		Fluorine side	3.0
					100+2.32N+8	3.64+2.6+0.12N			
							4		
AL95	189	92	616	519	85+2.7N+12	6.4+15.6+0.44N	2	Air side	1.6
					106+2.7N+12	7.8+15.6+0.44N		Fluorine side	3.0
					212+2.7N+12	17.9+15.6+0.44N			
					276+2.7N+12	22.2+15.6+0.44N			



TEMPERATURE CONTROLLER



wiring diagram



Manually switch between heating and cooling
Control the temperature by adjusting the temperature set value and difference
The refrigeration and heating start delay protection
Limit the temperature setting range
Calibration temperature

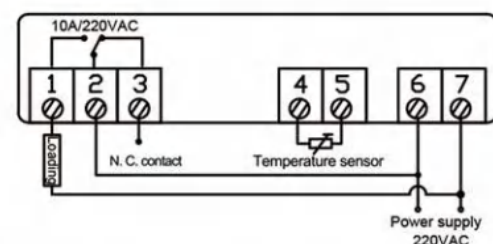
power supply	220VAC ±10%/-15%, 50/60Hz	Relative humidity	20%~85% (non-condensing)
Temperature measurement range	-40°C~99°C	Sensor type	NTC sensor
Temperature resolution	1°C	Installation hole size	L71xW29(mm)
Relay output capacity	10A/220VAC	Overall size	L77xW34.5xD62(mm)

Serial code	Control output	Signal input	Buzzer beep
	Cooling/Heating/Alarm	Cabinet temperature	
STC-100A	Cooling/Heating 10A	✓	×
STC-200	Alarm /Cooling/Heating 10A	✓	✓
STC-1000	Alarm / Cooling / Heating 10A	✓	✓

MODEL STC-200



wiring diagram



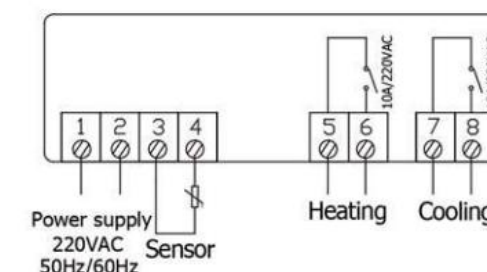
- Refrigeration, heating and alarm are manually switched and controlled by temperature difference;
- User and administrator parameters are set separately. Compressor delay time is adjustable.
- Temperature calibration, error alarm and the compressor works according to the predetermined program when the sensor is wrong; cost-effective general model;
- suitable for refrigeration and deep freezing, seafood machines, water heaters and products that require simple temperature monitoring and alarming.

power supply	230VAC +10%, 50/60Hz	Relative humidity	20%~60% (non-condensing)
Temperature measurement range	-40°C~99°C	Sensor type	NTC sensor
Temperature resolution	1°C	Installation hole size	L71xW29(mm)
Relay output capacity	10A/220VAC	Overall size	L77xW34.5xD62(mm)

MODEL STC-1000



wiring diagram



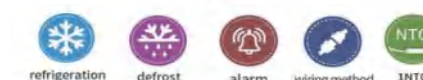
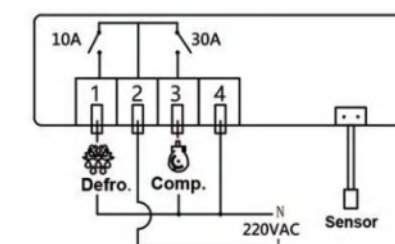
- Heating and cooling mode automatic switching;
- Control the temperature by setting the temperature setting value and the difference value;
- Temperature calibration;
- Refrigeration control output delay protection;
- Alarm when temperature exceeds temperature limit or sensor error.

power supply	230VAC +10%, 50/60Hz	Storage temperature	-30°C~75°C
Temperature measurement range	-50°C~99°C	Sensor type	NTC sensor
temperature resolution	1°C	Installation hole size	L71xW29(mm)
Power consumption	<3W	Overall size	L77xW34.5xD85(mm)

MODEL STC-201



wiring diagram



This product is a general-purpose single-sensor thermostat with functions such as refrigeration, defrosting, fan, and lighting temperature over-limit alarm. It is suitable for refrigeration industries such as freezers, refrigerators, island cabinets, etc.

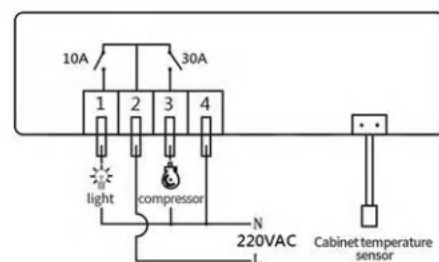
power supply	220VAC ±10%, 50/60Hz	defrost relay capacity	10A/220VAC
Temperature display range	-50°C~120°C	Sensor type	NTC sensor
Temperature control range	-40°C~20°C	Installation hole size	L71xW29(mm)
Compressor relay capacity	30A/250V	Overall size	L77xW34.5xD82(mm)

Serial code	Control output				Signal input	Buzzer beep
	Cooling	Defrost	Light	Fan	Cabinet temperature	
STC-201	30A	10A	×	×	✓	✓
STC-202	30A	×	10A	×	✓	✓
STC-203	30A	×	×	10A	✓	✓

MODEL STC-202



wiring diagram



- This product is a general-purpose single-sensor thermostat with functions such as refrigeration, defrosting, fan, and lighting temperature over-limit alarm. It is suitable for refrigeration industries such as freezers, refrigerators, island cabinets, etc.

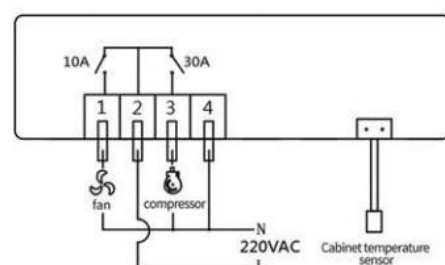


power supply	230VAC +10%, 50/60Hz	light relay capacity	10A/250V
Temperature measurement range	-50°C~120°C	Sensor type	NTC sensor
Temperature control range	-40°C~20°C	Installation hole size	L71xW29(mm)
Relay output capacity	30A/220VAC	Overall size	L77xW34.5xD82(mm)

MODEL STC-203



wiring diagram



- This product is a general-purpose single-sensor thermostat with functions such as refrigeration, defrosting, fan, and lighting temperature over-limit alarm. It is suitable for refrigeration industries such as freezers, refrigerators, island cabinets, etc.

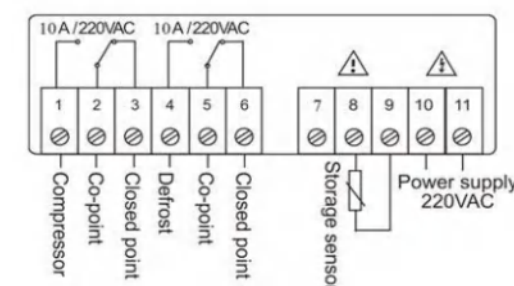


power supply	220VAC ±10%, 50/60Hz	Fan relay capacity	10A/250V
Temperature display range	-50°C~120°C	Sensor type	NTC sensor
Temperature control range	-40°C~20°C	Installation hole size	L71xW29(mm)
Compressor relay capacity	30A/220VAC	Overall size	L77xW34.5xD82(mm)

MODEL STC-8080A+



wiring diagram



- This product is a general-purpose single-sensor temperature controller; Refrigeration, defrosting, over-limit alarm temperature, etc.; Compressor protection delay time is adjustable; Suitable for cold storage, refrigerated truck refrigeration industry, etc.

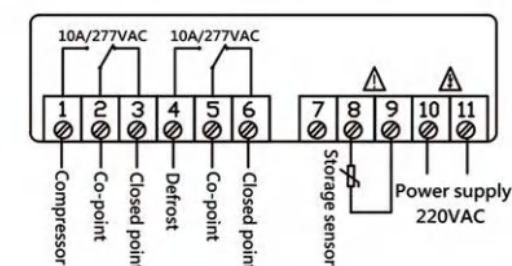
power supply	220VAC ±10%, 50/60Hz	Relative humidity	No more than 80% (no condensation)
Temperature measurement range	-50°C~99°C	Sensor type	NTC sensor
Power consumption	<3W	Installation hole size	L71xW29(mm)
Ambient temperature	-10°C~60°C	Overall size	L77xW34.5xD85(mm)

Serial code	Control output		Signal input	Buzzer beep
	Cooling	Defrost	Cabinet temperature	
STC-8080A+	10A	10A	✓	✓
STC-8080H	10A	10A	✓	✓
STC-8000H	10A	×	✓	✓

MODEL STC-8080H



wiring diagram



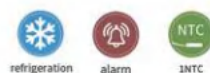
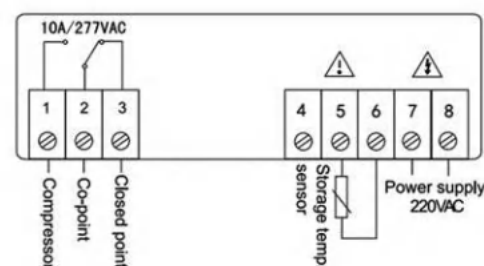
- This product is a general-purpose single-sensor temperature controller;
- Refrigeration, defrosting, over-limit alarm temperature, etc.;
- Compressor protection delay time is adjustable;
- Suitable for cold storage, refrigerated truck refrigeration industry, etc.

power supply	230VAC +10%, 50/60Hz	Relative humidity	No more than 80% (no condensation)
Temperature measurement range	-50°C~99°C	Sensor type	NTC sensor
Temperature resolution	1°C	Installation hole size	L71xW29(mm)
Ambient temperature	-10°C~60°C	Overall size	L77xW34.5xD85(mm)

MODEL STC-8000H



wiring diagram



- STC-8000H is a general-purpose single-sensor temperature controller with refrigeration and over-temperature alarm functions;
- compressor delay time is adjustable, and the over-temperature alarm delay is adjustable after power-on;
- Suitable for refrigerators, refrigerated trucks and other refrigeration industries.

power supply	220VAC+10%/-15%, 50/60Hz	Storage temperature	-30°C~75°C
Temperature measurement range	-50°C~99°C	Sensor type	NTC sensor
Temperature resolution	1°C	Installation hole size	L71xW29(mm)
Cooling output contact capacity	10A/277VAC	Overall size	L77xW34.5xD85(mm)



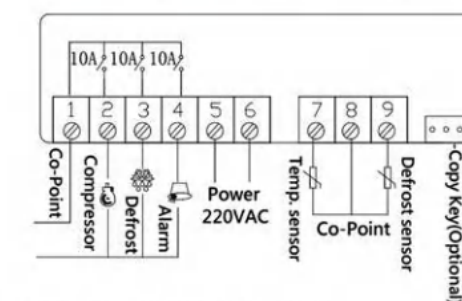
Refrigeration, defrost and fan control modes;
The user menu and the administrator menu can be set separately, which is convenient for users to operate, and leaves enough space for the adjustment of senior management;
Differential control mode, the temperature display resolution is 0.1;
Multiple protection and alarm modes are optional;
CORYKEY function (optional).

Serial code	Control output				Signal input		Buzzer beep
	Cooling	Defrost	Fan	Alarm	Cabinet temperature	Defrost temperature	
STC-9100	10A	10A	×	10A	✓	✓	✓
STC-9200	10A	10A	10A	×	✓	✓	✓
ETC-3000	10A	10A	10A	×	✓	✓	✓
STC-300	10A	×	×	×	✓	×	✓
ETC-100+	10A	×	×	×	✓	✓	✓
ETC-200+	10A	10A	×	×	✓	×	✓

MODEL STC-9100



wiring diagram



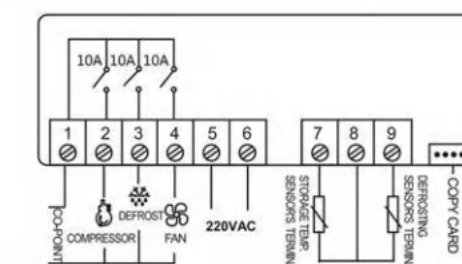
- Cooling, defrosting and other control methods;
- User menu and administrator menu can be set separately, which is convenient for users to operate, and leaves enough space for the adjustment of senior management;
- Differential control mode, the temperature display resolution is 0.1;
- Various protection and alarm modes are optional;
- CORYKEY function (optional).

power supply	220VAC, 50Hz	Relative humidity	20%-85% (NON-CONDENSING)
Temperature measurement range	-50°C~50°C	Sensor type	NTC sensor
Temperature resolution	1°C	Installation hole size	L71xW29(mm)
Compressor relay capacity	10A/220VAC	Overall size	L77xW34.5xD85(mm)

MODEL STC-9200



wiring diagram



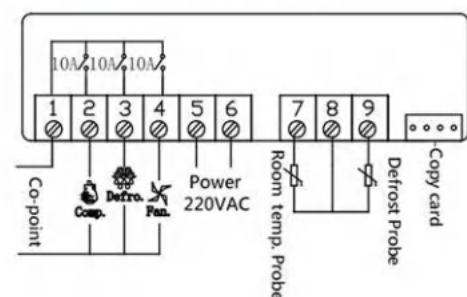
- Refrigeration, defrost and fan control modes;
- The user menu and the administrator menu can be set separately, which is convenient for users to operate, and leaves enough space for the adjustment of senior management;
- Differential control mode, the temperature display resolution is 0.1;
- Multiple protection and alarm modes are optional;
- CORYKEY function (optional).

power supply	220VAC+10%/-15%, 50/60Hz	Relative humidity	20%-85% (non-condensing)
Temperature measurement range	-50°C~50°C	Sensor type	NTC sensor
Accuracy	±1°C	Installation hole size	L71xW29(mm)
Cooling output contact capacity	10A/220VAC	Overall size	L77xW34.5xD85(mm)

MODEL ETC-3000



wiring diagram



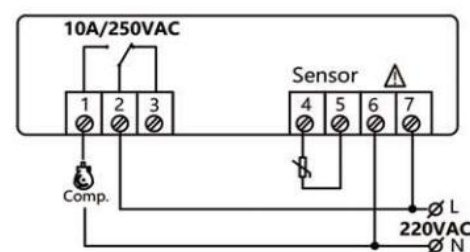
- Refrigeration, defrost, fan control mode;
- The user menu and the administrator menu are set separately, which is convenient for operation and provides enough space for the adjustment of high-level management;
- Hysteresis control temperature; switch between °C and °F; temperature display resolution is 0.1;
- A variety of protection and alarm methods are optional;

power supply	220VAC±10%	Fan and defrost relay capacity	10A/220VAC
Temperature measurement range	-45.5°C~120°C	Sensor type	NTC sensor
Temperature control range	-45.5°C~110°C	Installation hole size	L71xW29(mm)
Compressor relay capacity	10A/220VAC	Overall size	L77xW34.5xD85(mm)

MODEL STC-300



wiring diagram



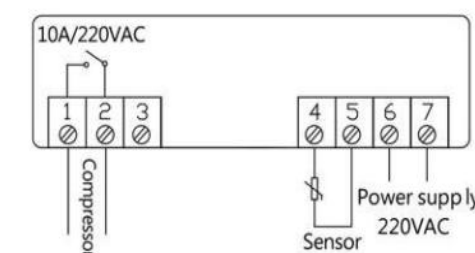
- This product is a general-purpose single-sensor temperature controller with functions such as refrigeration and over-temperature alarm;
- Compressor protection delay time is adjustable;
- After the power is turned on, the temperature overrun alarm delay is adjustable;
- Suitable for cold storage, refrigerated truck refrigeration industry, etc.

power supply	220VAC+10%/-15%, 50/60Hz	Relative humidity	No more than 80% (no condensation)
Temperature measurement range	-50°C~120°C	Sensor type	NTC sensor
Accuracy	±1°C	Installation hole size	L71xW29(mm)
Cooling output contact capacity	10A/220VAC	Overall size	L77xW34.5xD85(mm)

MODEL ETC-100+



wiring diagram



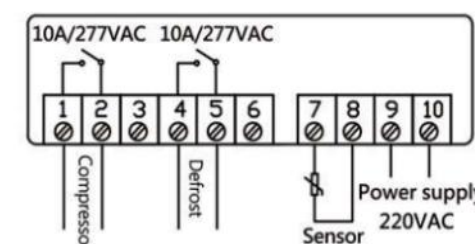
- Temperature measurement and control;
- Temperature calibration;
- Start delay protection;
- Enter the password to adjust the parameters.

power supply	220VAC±10%, 50/60Hz	Relative humidity	20%-85% (NON-CONDENSING)
Temperature measurement range	-40°C~120°C	Sensor type	NTC sensor
Temperature resolution	1°C	Installation hole size	L71xW29(mm)
Relay contact capacity	10A/220VAC	Overall size	L77xW34.5xD85(mm)

MODEL ETC-200+



wiring diagram



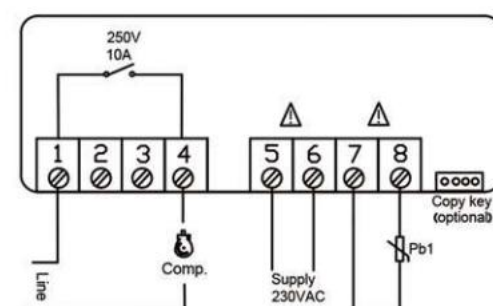
- Temperature measurement and control;
- Temperature calibration;
- Over temperature alarm;
- Enter the password to adjust the parameters.
- Defrosting control;
- Start delay protection;
- Cooling and heating switching;

power supply	220VAC±10%, 50/60Hz	Relative humidity	20%-85% (non-condensing)
Temperature measurement range	-40°C~120°C	Sensor type	NTC sensor
Accuracy	±1°C	Installation hole size	L71xW29(mm)
Relay contact capacity	10A/220VAC	Overall size	L77xW34.5xD85(mm)

MODEL ETC-961



wiring diagram



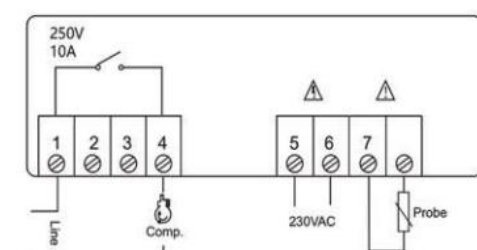
- Refrigeration defrosting function;
- Hysteresis control, temperature display resolution 0.1°C;
- Multiple alarm function.

power supply	230VAC +10%, 50/60Hz	Relative humidity	10%~90%RH (no condensation)
Temperature measurement range	-50°C~120°C	Sensor type	NTC sensor
Ambient temperature	-5°C~50°C	Installation hole size	L71xW29(mm)
Relay (compressor, defrost, fan) capacity	10A/250VAC	Overall size	L77xW32xD58(mm)

MODEL ETC-902



wiring diagram



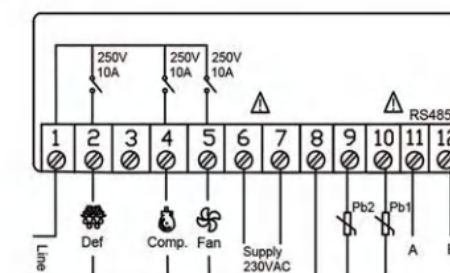
- Refrigeration defrosting function;
- Hysteresis control, temperature display resolution 0.1°C;
- Multiple alarm function.

power supply	230VAC+10% 50/60Hz	Relative humidity	20%~85% (non-condensing)
Temperature control range	-50C ~ 99°C	Sensor type	NTC sensor
Storage temperature	-15C~60°C	Installation hole size	L71xW29(mm)
Relay rated current	8A/220VAC	Overall size	L77xW32xD58(mm)

MODEL MTC-974



wiring diagram



- MTC-974 is a universal standard temperature controller with cooling, defrosting, RS485 terminal and fan control outputs. The parameter setting of MTC-974 is divided into the user menu and administrator menu. If you are an equipment company, you can set up the administrator menu parameters. The end-user only sets the user parameter menu, which is convenient for users to operate. The administrator menu has a password protection function to prevent users from misusing settings.

power supply	230VAC+10% 50/60HZ	Relative humidity	10%~90% RH (not condensing)
Storage temperature	-30°C~85°C	Sensor type	NTC sensor
Use temperature	-5°C~55°C	Installation hole size	L71xW29(mm)
Rated current of the relays	10A/220VAC	Overall size	L77xW34.5xD58(mm)

MODEL TPM-900



Features and functions:

- 220V supply, probe fault instructions, compact size is easy to install;
- Suitable for refrigerated cabinets. Display cabinets, such as the use of a variety of refrigeration equipment.

Power supply	220VAC	Distinguishing rate	<100°C is 0.1, ≥100°C is 1
Temperature measure range	-30°C~110°C	Transducer	NTC
Power consumption	<3W	Product size	64*31*35 mm
Accuracy	±1°C	Installing size	58.4*25.7mm

REFRIGERATOR THERMOSTAT



CAPILLARY TUBE WITH NUTS



Model	Flare Size
CTN90	Copper Tube Diameter:2.8mm,brass flare nuts Length:90cm with two 1/4" brass flare nuts
CTN100	Copper Tube Diameter:2.8mm,brass flare nuts Length:100cm with two 1/4" brass flare nuts
CTN120	Copper Tube Diameter:2.8mm",Length:120cm with two 1/4" brass flare nuts
CTN150	Copper Tube Diameter:2.8mm",Length:150cm with two 1/4" brass flare nuts

COPPER CAPILLARY



Outside Diameter Inch(mm)	Inside Diameter Inch(mm)	Mean Wall Thickness Inch(mm)	Weight Lb/ft(Kg/m)
0.072(1.830)	0.026(0.660)	0.023(0.584)	0.01373(0.0204)
0.072(1.830)	0.028(0.711)	0.022(0.558)	0.01340(0.0199)
0.081(2.060)	0.031(0.787)	0.025(0.635)	0.01705(0.0254)
0.081(2.060)	0.033(0.838)	0.024(0.606)	0.01666(0.0248)
0.087(2.210)	0.036(0.914)	0.0255(0.648)	0.01910(0.0284)
0.087(2.210)	0.039(0.991)	0.024(0.606)	0.01842(0.0239)
0.093(2.360)	0.042(1.070)	0.0255(0.648)	0.02096(0.0312)
0.097(2.470)	0.046(1.170)	0.025(0.648)	0.02221(0.0331)
0.099(2.510)	0.049(1.240)	0.025(0.635)	0.02253(0.0335)
0.106(2.690)	0.054(1.370)	0.026(0.660)	0.02533(0.0377)
0.112(2.840)	0.059(1.500)	0.0265(0.673)	0.02760(0.0411)
0.125(3.180)	0.064(1.630)	0.0305(0.775)	0.03511(0.0522)
0.125(3.180)	0.070(1.780)	0.0275(0.698)	0.03266(0.0486)
0.125(3.180)	0.075(1.910)	0.025(0.635)	0.03054(0.0454)
0.145(3.680)	0.080(2.030)	0.0325(0.826)	0.04453(0.0663)
0.145(3.680)	0.085(2.160)	0.030(0.762)	0.04202(0.0625)
0.145(3.680)	0.090(2.290)	0.0275(0.698)	0.03936(0.0586)
0.160(4.060)	0.100(2.540)	0.030(0.762)	0.04750(0.0707)
0.160(4.060)	0.110(2.790)	0.025(0.635)	0.04111(0.0611)
0.188(4.780)	0.120(3.030)	0.034(0.864)	0.06377(0.0949)
0.188(4.780)	0.130(3.300)	0.029(0.737)	0.05616(0.0836)
0.200(5.080)	0.145(3.680)	0.0275(0.698)	0.05779(0.0860)
0.220(5.590)	0.160(4.060)	0.030(0.762)	0.06943(0.103)
0.240(6.100)	0.175(4.450)	0.0325(0.826)	0.08107(0.121)

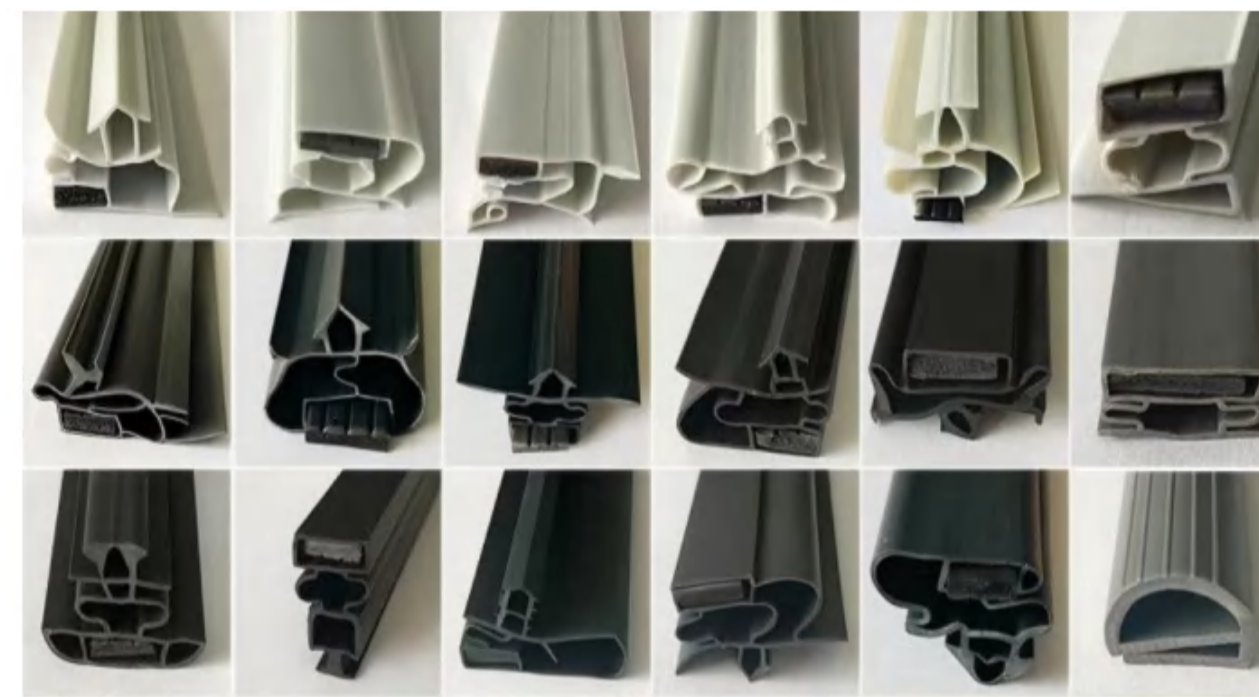
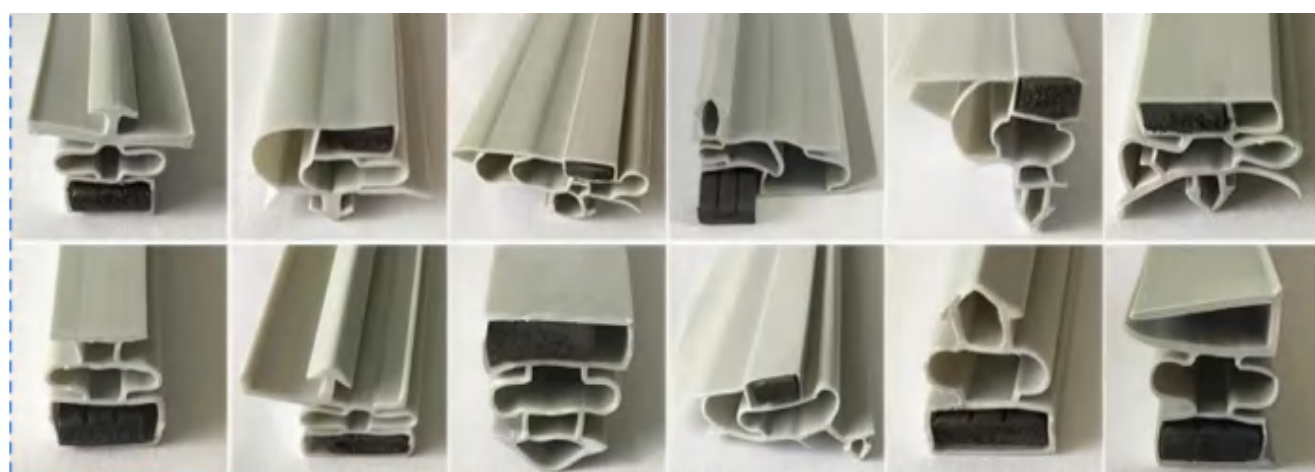
FILTER DRIER FOR REFRIGERATION

- 1.Length and molecular sieve can be adjusted as per specific requirment;
- 2.Color of two end plastic cap can be chose;
- 3.Sealing structure of two end can be customize as per specific requirement.



Model	Molec.Sieve	Size (Dia. x L)	Inlet(Dia.)	Outlet(Dia.)
FD10	10g	16mmx113mm	6.35mm	2.5mm
FD15	15g	19mmx115mm	6.35mm	2.5mm
FD20	20g	24mmx125mm	6.35mm	2.5mm
FD30	30g	24mmx140mm	6.35mm	2.5mm
FD40	40g	24mmx150mm	6.35mm	3.1mm
FD50	50g	29mmx160mm	6.35mm	3.1mm

REFRIRERATION DOOR GASKET



REFRIGERATOR OTHER ACCESSORIES



FLOW SWITCH

The rate of the flow can be adjustable and it is stable

Liquid temperature range: 0°C~+100°C

Max. Working Pressure: 10bar

Flow switch can not be used where the liquid in the pipes will drop below the liquid's freezing point



HFS-25/20/15



F61KB-11C



FQS-U30G



LKB-01D-25/20/15



STFS-25/20/15

Model	Connection size	Paddle(pcs)	Fluid temperature	Max. fluid pressure	Protection class
HFS-25	1"	5	0°C~120°C	1.7Mpa	IP54
HFS-20	3/4"	3			IP54
HFS-15	1/2"	3			IP54
F61KB-11C	1"	4		1.0Mpa	HEMA1
FQS-U30G	1"	5		1.7Mpa	IP54
LKB-01D-25	1"	1		1.7Mpa	IP54
LKB-01D-20	3/4"	1			IP54
LKB-01D-15	1/2"	1			IP54
STFS-25	1"	4	-25°C~120°C	1.5Mpa	IP65
STFS-20	3/4"	4			
STFS-15	1/2"	4			

4 WAY REVERSING VALVE



Model	Max Working Pressure	Applicable Medium Temp.	Applicable Refrigerant	Connection(ODF) In.		Reference Capacity For R410 (KW)
				Discharge	Suction	
DSF-3	4.3Mpa	-30℃ ~+120℃	R410A, R32, R134A etc.	1/4	5/16	3.1~4.8
DSF-4				5/16	3/8	3.6~5.5
DSF-9				3/8	1/2	8.1~12.7
DSF-11				1/2	5/8	9.8~15.2
DSF-20				1/2	3/4	20.8~32.3
DSF-34				3/4	7/8	31~48.3
Coil	Power Supply:220V,50HZ/60HZ,5W/7W					

◆More specifics can be customized; ◆Please choose straight tube or bent tube.

MECHANICAL ROOM THERMOSTAT



J001



J002

Suitable for temperature control for fan coil, electrically operated valve, power-driven air valve and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

Basic functions: refrigeration/heating mode.

Optional functions: with or without power switch, working indicating light; switching between refrigeration/heating mode;

Working range: 10°C~30°C

Tempering accuracy: 20°C ± 1°C

Temperature-sensing element: adopts precise metal bellows Electric equipment parameter

Three-speed switch 3A 220VAC±10%, 50/60HZ



J003



J003D

Suitable for temperature control for fan coil, electrically operated valve, power-driven air valve and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

Basic functions: manual switch control; switch between refrigeration/heating modes; manually high/middle/low windspeed control;

Working range: 10°C~30°C

Tempering accuracy: 20°C ± 1°C

Temperature-sensing element: adopts precise metal bellows Electric equipment parameters:

Thermostat 2A 220VAC±10%, 50/60HZ

Three-speed switch 3A 220VAC±10%, 50/60HZ



J004

Suitable for temperature control for fan coil, electrically operated valve, power-driven air valve and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

Basic functions: manual switch control; switch between refrigeration/heating modes; manually high/middle/low windspeed control;

Optional function: single line (the fan continues as the valve stops), double lines (the fan stops as the valve stops)

Working range: 10°C~30°C

Tempering accuracy: 20°C ± 1°C

Temperature-sensing element: adopts precise metal bellows Electric equipment parameters:

Thermostat 2A 220VAC±10%, 50/60HZ

Three-speed switch 3A 220VAC±10%, 50/60HZ



J004D

Suitable for temperature control for fan coil, electrically operated valve, power-driven air valve and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

Basic functions: manual switch control
refrigeration modes; manually
high/middle/low wind speed control;
Working range: 10°C-30°C

Tempering accuracy: 20°C±1°C

Temperature-sensing element adopts precise metal bellows

Electric equipment parameters:
Thermostat 2A 220VAC±10%, 50/60HZ

Three-speed switch 3A 220VAC±10%, 50/60HZ



J005

Suitable for temperature control for fan coil, electrically operated valve, power-driven air valve and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

Basic functions: manual switch control; switch between refrigeration/heating modes; manually high/middle/low wind speed control;

Working range: 10°C-30°C

Tempering accuracy: 20°C±1°C

Temperature-sensing element adopts precise metal bellows

Electric equipment parameters:
Thermostat 2A 220VAC±10%, 50/60HZ

Three-speed switch 3A 220VAC±10%, 50/60HZ



J005D

LCD ROOM THERMOSTAT

Production overview

It can be applied to the temperature control of the fan coil, electrically operated valve, electric air valve and electric outlet of central air condition.

Basic functions: control of turning on or off by manual operation, the setting of indoor temperature; measurement and appearance of indoor temperature, temperature-limited, switching on and shutting down of timing and function of keystroke & locked up; Optional function: infrared remote control; back lighting, synchronous electric valve and fan (that is to say if the valve stops, the fan will stop); the electric valve and the fan are not synchronous (that is to say if the valve stops, the fan won't stop); memory of power-down

Scope of temperature adjustment: 5°C-35°C

Indication range: 0°C-50°C

Control accuracy: ±1°C

Rated power of output: <200W

Consumable power: <2W

Parameters of electrical appliance: 220VAC±10% 50/60HZ



Z001



Z002



Z003



Z004



Z005



Z006



Z007



Z008



Z009



Z011



Z100



Y017



Y009



Y010



Y012



Y015



Y08K



Y016



Y018

Production overview

It can be applied to the temperature control of electrical valve, electrical heating equipment, gas wall heater and the other terminal equipment.

Basic function: control of turning on or off by manual operation, the setting of indoor temperature, measurement and appearance of indoor temperature, calibration function of temperature and back lighting.

Optional functions: infrared remote control; function of one week programming; function of dual temperature & control; the hot-water heating and electricity heating can be chosen (the hot-water heating has active and passive contact, electricity heating 16A/25A);

Scope of temperature adjustment: 10°C-30°C

Indication range: 0°C-50°C

Control accuracy: ±1°C

Rated power of output: GA.3A

GB: 16A/25A Consumable power: <2W



C001



C002



C003



C004



C006



C007



C011



C100



C201



Y007C



Y011C



Y016C

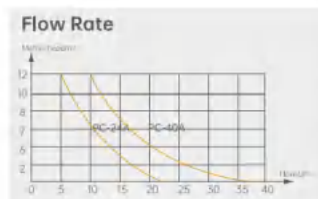


Y017C

CONDENSATE PUMP



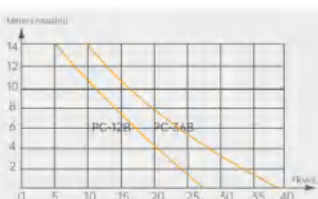
PC-24A/PC-40A



Model	PC-24A	PC-40A
Voltage	100V-230V~ / 50-60Hz	
Discharge head	Max.10m(33ft)	
Flow rate	Max.24L/h(6.2GPH)	Max.40L/h(10.5GPH)
Tank capacity	150ml	
Mini splits up to	8KW(30000Btu/hr)	15KW(45000Btu/hr)
Sound level at 1m	19dB(A)	21dB(A)
Ambient temp	0°C~50°C	
Power temp	3W	



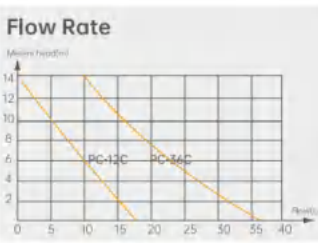
PC-12B/PC-36B



Model	PC-12B	PC-36B
Voltage	100V-230V~ / 50-60Hz	
Discharge head	Max.10m(33ft)	
Suction lift	Max. 2m(6.5ft)	
Flow rate	Max.18L/h(4.8GPH)	Max.36L/h(9.6GPH)
Tank capacity	35ml	
Mini splits up to	8KW(30000Btu/hr)	15KW(45000Btu/hr)
Sound level at 1m	19dB(A)	21dB(A)
Ambient temp	0°C~50°C	
Power temp	3W	



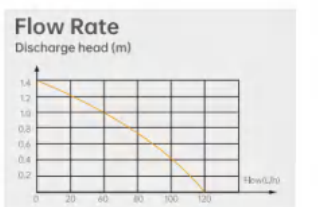
PC-12C/PC-36C



Model	PC-12C	PC-36C
Voltage	100V-230V~ / 50-60Hz	
Discharge head	Max.10m(33ft)	
Flow rate	Max.18L/h(4.8GPH)	Max.36L/h(9.6GPH)
Tank capacity	55ml	
Mini splits up to	8KW(30000Btu/hr)	15KW(45000Btu/hr)
Sound level at 1m	19dB(A)	21dB(A)
Ambient temp	0°C~50°C	
Power temp	3W	



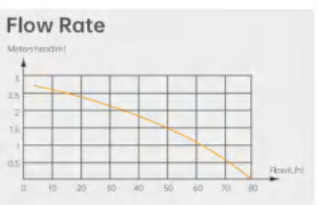
PCT-100A



Model	PCT-100A
Voltage	230V~/50-60Hz or 100-120V~50-60Hz
Discharge head	Max.1.2m(4ft)
Flow rate	100L/h
Tank capacity	1L
Sound level at 1m	23dB(A)
Ambient temp	0°C~50°C
Power temp	15W



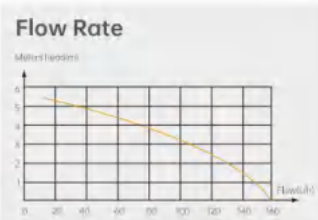
PC-80A



Model	PC-80A
Voltage	100V-230V~ / 50-60Hz
Discharge head	Max.2m(6.5ft)
Flow rate	80L/h(21GPH)
Tank capacity	0.5L
Sound level at 1m	23dB(A)
Ambient temp	0°C~50°C
Power temp	5W



PC-125A/PC-125L



Model	PC-125A	PC-125L
Voltage	230V~/50-60Hz or 100-120V~50-60Hz	
Discharge head	Max.4m(13ft)	
Flow rate	Max.125L/h(33GPH)	
Tank capacity	1.0L	1.8L
Mini splits up to	8KW(30000Btu/hr)	15KW(45000Btu/hr)
Sound level at 1m	40dB(A)	
Ambient temp	0°C~50°C	
Power temp	60W	



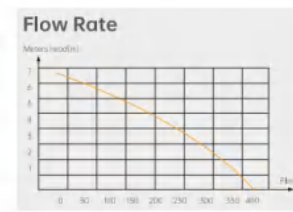
PC-250A



Model	PC-250A
Voltage	100V-230V~ / 50-60Hz
Discharge head	Max.4.2m(14ft)
Flow rate	Max.250L/h(66GPH)
Tank capacity	1L
Sound level at 1m	26dB(A)
Ambient temp	0°C~50°C
Power temp	15W



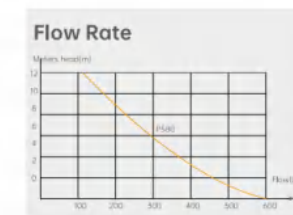
PC-320A



Model	PC-320A
Voltage	100V-230V~ / 50-60Hz
Discharge head	Max.6m(20ft)
Flow rate	Max.320L/h(85GPH)
Tank capacity	1.8L
Sound level at 1m	28dB(A)
Ambient temp	0°C~50°C
Power temp	20W



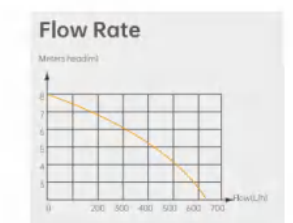
PC-600A



Model	PC-600A
Voltage	230V~/50-60Hz or 100-120V~50-60Hz
Discharge head	Max.12m(40ft)
Flow rate	Max.600L/h(153GPH)
Tank capacity	1.8L
Sound level at 1m	60dB(A)
Ambient temp	0°C~50°C
Power temp	85W



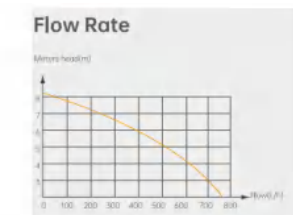
PC-760A



Model	PC-760A
Voltage	230V~/50-60Hz or 100-120V~50-60Hz
Discharge head	Max.8m(26ft)
Flow rate	Max.760L/h(200GPH)
Tank capacity	4L
Sound level at 1m	38dB(A)
Ambient temp	0°C~50°C
Power temp	40W



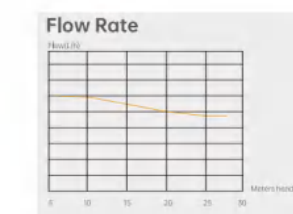
PC-760H



Model	PC-760H
Voltage	230V~/50-60Hz or 100-120V~50-60Hz
Discharge head	Max.8m(26ft)
Flow rate	Max.760L/h(200GPH)
Tank capacity	4L
Sound level at 1m	38dB(A)
Ambient temp	0°C~90°C
Power temp	40W



PC-120A



Model	PC-120A
Voltage	230V~/50-60Hz or 100-120V~50-60Hz
Discharge head	Max.30m(98ft)
Flow rate	Max.120L/h(32GPH)
Tank capacity	3L
Sound level at 1m	40~62dB(A)
Ambient temp	Max 75°C
Power temp	30W

MANUAL REFRIGERATION OIL CHARGING PUMP

Pressurized Oil charging.Reliable And Durable

Compatible with all refrigeration oil types

Applied stainless steel materials, reliable and durable

Anti-backflow structure, ensure system safety during charging

Special design, ensure to connect the different size of oil bottles



Model	PCO-1	PCO-2
Max.Pump to Against Pressure	10bar(145psi)	15bar(218psi)
Max.Pump Rate Per Stroke	50ml	75ml
Applicable Oil Bottle Size	All sizes	
Hose Connect	1/4"SAE	1/4"&3/8"SAE
Outlet Hose	1.5m Charging Hose	1.5m HP Charging Hose

ELECTIC REFRIGERATION OIL CHARGING PUMP

Strong Power,Easy Charging

Strong power,easy charging under large back pressure

Patent mechanism ,ensure easy charging under low temperature

Configure of pressure relief protection,ensure safty operation

Built-in thermal protection device, effectively prevent overloading



Model	PCO-4	PCO-6
Max.Pump to Against Pressure	230V~/50-60Hz or 100-120V~50-60Hz	
Max.Pump Rate Per Stroke	50ml	75ml
Motor Power	1/3HP	3/4HP
Pump to Against Pressure(Max.)	16bar(232psi)	25bar(362psi)
Flow rate(Max.)	150L/h	350L/h
Hose Connect	1/4"&3/8"SAE	

AIR CONDITIONER CLEANING MACHINE

Steam Cleaning Machine



PCW-3V

Model	PCW-3V	
Voltage	230V~/50-60Hz	100-120V~50-60Hz
Steam Pressure	6Bar	4Bar
Steam Temp	140-160℃	130-150℃
Hot water Temp	60-85℃	50-75℃
Flow rate	3L/min	3L/min
Heater Power	3300W	2000W
Inlet&outlet	1.5M inlet hose, 3.0M outlet hose	

Portable Coil Cleaning Machine



PCW-4P/4Li

Model	PCW-4P	PCW-4Li
Voltage	230V~/50-60Hz or 100-120V~50-60Hz	18V(AEG/RIGRID interface)
Working Pressure	5/10Bar(Dual)	5/10Bar(Dual)
Flowrate	4L/min	4L/min
Power	80W	80W
Weight	3.5KG	3.5KG

Portable coil cleaning machine(w/Water Tank)



Model	PCW-4W	PCW-4WLi
Voltage	230V~/50-60Hz or 100-120V~50-60Hz	18V(AEG/RIGRID interface)
Working Pressure	5/10Bar(Dual)	
Flow rate	4L/min	
Water Tank	16L	
Reference Running Time	50-120mins(18V/4.0Ah Li-ion Battery)	

Adjustable High PressureCleaning Machine



Model	PCW-6T
Voltage	230V~/50-60Hz or 100-120V~50-60Hz
Working Pressure	10-40bar(Adjustable)
Flow rate(Max)	6L/min
Power	750W
Net Weight	8.0KGS

AIR CONDITIONER CLEANING COVER

Ceiling A/C Cleaning Cover



Mini Split A/C Cleaning Cover



AIR CONDITIONER CONTROL BOARD AND REMOTE

YY-U02B(SW)



Wall-mounted AC

PRODUCT FEATURE

- Suit for 110V~220V, 50-60Hz
- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- Accurate & stable temperature control, auto fan, Auto defrost
- Timer in line/offline, Auto restart function, sleep

YY-U02B(M)



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- prevent cold wind when heating
- single sensor design, time on/off, auto start
- auto defrost when heating

YY-U02B+



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- prevent cold wind when heating
- single sensor design, time on/off, auto start
- auto defrost when heating

YY-U02B+973



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- With big remote
- high med low 3 wind speed control function
- prevent cold wind when heating
- single sensor design, time on/off, auto start

YY-U02B(SW)+



Wall-mounted AC

PRODUCT FEATURE

- Suit for 110V~220V, 50-60Hz
- 5 working mode: auto, cool, dry, fan, heat
- Double sensors
- high med low 3 wind speed control function
- Accurate & stable temperature control, auto fan, Auto defrost

YY-U02B



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- prevent cold wind when heating
- single sensor design, time on/off, auto start
- auto defrost when heating

YY-U02B+BIG



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- With big remote
- high med low 3 wind speed control function
- prevent cold wind when heating
- single sensor design, time on/off, auto start

YY-U02C



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- prevent cold wind when heating
- single sensor design, time on/off, auto start
- compressor 3 minutes delay protection function

YY-U03A



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- accurate & stable temperature control
- timer on/off, sleep function, auto restart function
- Deluxe receiver, nice appearance, work status visual display
- accurate & stable auto fan

YY-U03C



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- Accurate & stable temperature control, auto fan
- Timer in line/offline, sleep, Auto defrost
- Double sensors, prevent cold wind when heating

YY-U03C(T)



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Big relay
- high med low 3 wind speed control function
- Accurate & stable temperature control, auto fan
- Timer in line/offline, sleep, Auto defrost

YY-U03C(M)



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- Accurate & stable temperature control, auto fan
- Timer in line/offline, sleep, Auto defrost
- Double sensors, prevent cold wind when heating

YY-U05PG



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Accurate & stable temperature control, auto fan
- time on/off, sleep, auto defrost when heating
- double sensor design, Auto restart function
- prevent cold wind when heating

YY-U05PGC



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Accurate & stable temperature control, auto fan
- time on/off, sleep, auto defrost when heating
- double sensors design, Auto restart function
- prevent cold wind when heating

YY-U05PGC(SW)



Wall-mounted AC

PRODUCT FEATURE

- Suit for 110V~220V, 50-60Hz
- 5 working mode: auto, cool, dry, fan, heat
- Accurate & stable temperature control, auto fan
- time on/off, sleep, auto defrost when heating
- double sensors design, Auto restart function

YY-U05PGC(M)



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Accurate & stable temperature control
- time on/off, sleep, auto defrost when heating
- double sensors design, Auto restart function
- prevent cold wind when heating

YY-U03C(SW)



Wall-mounted AC

PRODUCT FEATURE

- Suit for 110V~220V, 50-60Hz
- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- Updated receiver, digital display screen
- timer on/off, sleep function, auto restart function
- prevent code wind in heating mode

YY-U03C+973



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- Accurate & stable temperature control, auto fan
- Timer in line/offline, sleep, Auto defrost
- Double sensors, prevent cold wind when heating

YY-U03A(SW)



Wall-mounted AC

PRODUCT FEATURE

- Suit for 110V~220V, 50-60Hz
- 5 working mode: auto, cool, dry, fan, heat
- accurate & stable temperature control
- timer on/off, sleep function, auto restart function
- Deluxe receiver, nice appearance, work status visual display

YY-U03A/B

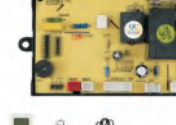


Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- accurate & stable temperature control
- timer on/off, sleep function, auto restart function
- Deluxe receiver, nice appearance, work status visual display
- accurate & stable auto fan

YY-U05PG(M)

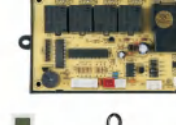


Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Accurate & stable temperature control
- time on/off, sleep, auto defrost when heating
- double sensors design, Auto restart function
- prevent cold wind when heating

YY-U08A



Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Accurate & stable temperature control
- timer on/off, defrost automatically
- prevent code wind in heating mode
- 3 fan speed, sleep function, double sensors
- Updated receiver, digital display screen

YY-U08A(SW)



Wall-mounted AC

PRODUCT FEATURE

- Suit for 110V~220V, 50-60Hz
- 5 working mode: auto, cool, dry, fan, heat
- Updated receiver, digital display screen
- timer on/off, defrost automatically
- prevent code wind in heating mode
- 3 fan speed, sleep function, double sensors

YY-U08C

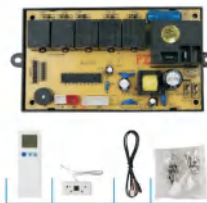


Wall-mounted AC

PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Updated receiver, digital display screen
- timer on/off, defrost automatically
- prevent code wind in heating mode
- 3 fan speed, sleep function, double sensors

YY-U08C(SW) Wall-mounted AC



PRODUCT FEATURE

- Suit for 110v~220v, 50-60hz
- 5 working mode: auto, cool, dry, fan, heat
- Updated receiver, digital display screen
- timer on/off, defrost automatically
- prevent code wind in heating mode
- prevent code wind in heating mode

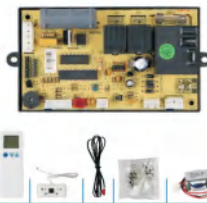
YY-U08C+BIG Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Updated receiver, digital display screen
- timer on/off, defrost automatically
- prevent code wind in heating mode
- 3 fan speed, sleep function, double sensors

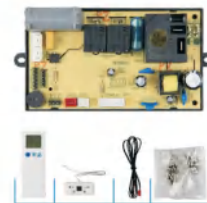
YY-U08PGC Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- double sensors design
- Digital display screen, temperature display
- Outdoors fan controlled independently
- Strong start capacitor for fan motor

YY-U08PGC(SW) Wall-mounted AC



PRODUCT FEATURE

- Suit for 110v~220v, 50-60hz
- 5 working mode: auto, cool, dry, fan, heat
- double sensors design
- Digital display screen, temperature display
- Outdoors fan controlled independently

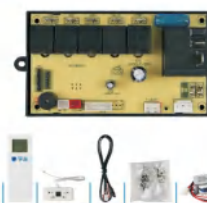
YY-U08C(T) Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Updated receiver, digital display screen
- timer on/off, defrost automatically
- prevent code wind in heating mode
- 3 fan speed, sleep function, double sensors

YY-U08C(M) Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- Updated receiver, digital display screen
- timer on/off, defrost automatically
- prevent code wind in heating mode
- 3 fan speed, sleep function, double sensors

YY-U08PGC(M) Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- double sensors design
- Digital display screen, temperature display
- Outdoors fan controlled independently
- Strong start capacitor for fan motor

YY-U10A/11A Cabinet AC



PRODUCT FEATURE

- 5 working mode: 3 fan speed, Accurate & stable auto function, auto defrost when heating
- double sensors design, prevent cold wind when heating
- auto restart
- indoor fan is controlled independently

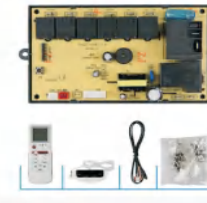
YY-U10A/11A(M) Cabinet AC



PRODUCT FEATURE

- Suit for 110v~220v, 50-60hz
- 5 working mode, 3 fan speed, Accurate & stable auto function, auto defrost when heating
- double sensors design, prevent cold wind when heating
- auto restart

YY-U10A/11A(SW) Cabinet AC



PRODUCT FEATURE

- Suit for 110v~220v, 50-60hz
- 5 working mode, 3 fan speed, Accurate & stable auto function, auto defrost when heating
- double sensors design, prevent cold wind when heating
- auto restart

YY-U12A(SW) Cabinet AC



PRODUCT FEATURE

- Suit for 110v~220v, 50-60hz
- 5 working mode, three fan speed control
- outdoor fan sole control function
- power off memory, sleep function
- auto defrost when heating, double sensor design

YY-U30A Ceiling AC



PRODUCT FEATURE

- 5 working mode, three fan speed control
- outdoor fan sole control function
- power off memory, sleep function
- auto defrost when heating, double sensor design
- prevent cold wind when heating

YY-U12A Cabinet AC



PRODUCT FEATURE

- 5 working mode, three fan speed control
- outdoor fan sole control function
- power off memory, sleep function
- auto defrost when heating, double sensor design
- prevent cold wind when heating

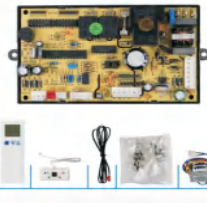
YY-U12A(M) Cabinet AC



PRODUCT FEATURE

- 5 working mode, three fan speed control
- outdoor fan sole control function
- power off memory, sleep function
- auto defrost when heating, double sensor design
- prevent cold wind when heating

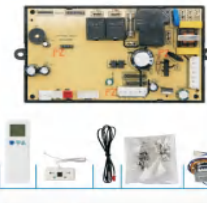
YY-DC Wall-mounted AC



PRODUCT FEATURE

- 5 working mode, three fan speed control
- outdoor fan sole control function
- power off memory, sleep function
- auto defrost when heating, double sensor design
- prevent cold wind when heating

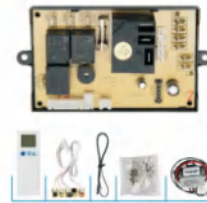
YY-DC(M) Wall-mounted AC



PRODUCT FEATURE

- 5 working mode, three fan speed control
- outdoor fan sole control function
- power off memory, sleep function
- auto defrost when heating, double sensor design
- prevent cold wind when heating

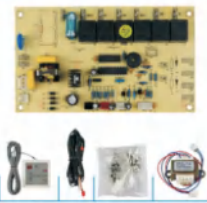
YY-02C(M) Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- prevent cold wind when heating
- single sensor design, time on/off, auto start
- auto defrost when heating
- compressor 3 minutes delay protection function

YY-CONTROLLER Central AC



PRODUCT FEATURE

- 5 working mode, three fan speed control
- outdoor fan sole control function
- power off memory, sleep function
- auto defrost when heating, double sensor design
- prevent cold wind when heating

YY-U02B+Z Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- prevent cold wind when heating
- single sensor design, time on/off, auto start
- auto defrost when heating

YY-U03C+Z Wall-mounted AC



PRODUCT FEATURE

- 5 working mode: auto, cool, dry, fan, heat
- high med low 3 wind speed control function
- Accurate & stable temperature control, auto fan
- Timer in time/offline, sleep, Auto defrost
- Double sensors, prevent cold wind when heating

YY-KT-B03-UNIVERSAL



YY-KT-528-UNIVERSAL



YY-KT-1000-UNIVERSAL



YY-KT-LG2-UNIVERSAL



YY-KT-9018E-UNIVERSAL



YY-KT-109II-UNIVERSAL



YY-KT-1028E-UNIVERSAL



YY-KT-100AII-UNIVERSAL



YY-KT-518-UNIVERSAL



YY-KT-3888-UNIVERSAL



YY-KT-E08-UNIVERSAL



YY-KT-SS-UNIVERSAL



AIR CONDITIONING TAPE

Air conditioning cable tie



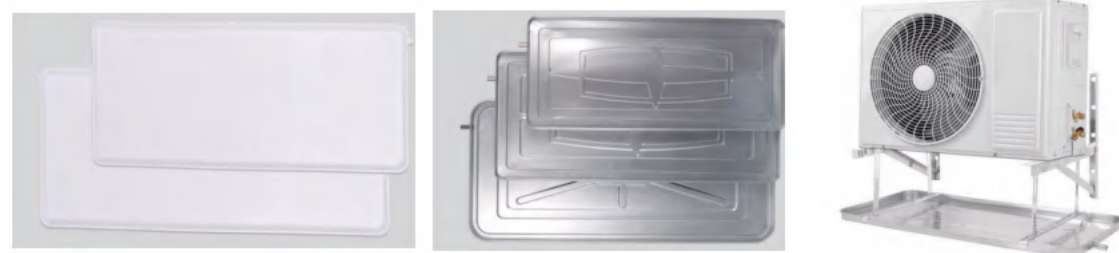
Electrical insulating tape



AIR CONDITIONING EXTERNAL UNIT SUPPORT



AIR CONDITIONING WATER TRAY

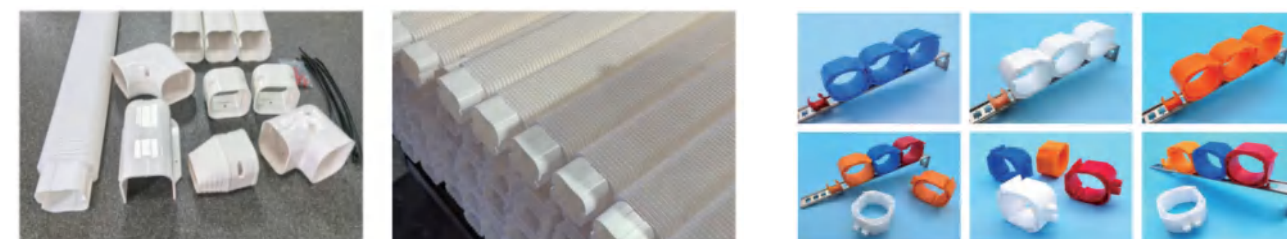


AIR CONDITIONING WATER PIPE



AIR CONDITIONING PIPE SLOT

AIR CONDITIONING PIPE CLAMP



INNER MACHINE HANGING PLATE



AIR CONDITIONER VENTILATOR



THERMAL INSULATION COTTON

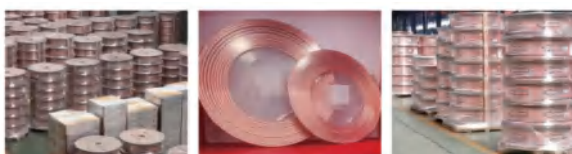
AIR CONDITIONING SPLIT PIPE



COPPER FITTING



COPPER PIPE



COPPER ELECTRODE



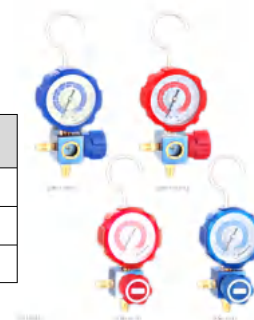
DUAL MANIFOLD GAUGE

Model	MG-2-R410A	MG-2-R134a	MG-2-R22	MG-4-R410A
Compatible Refrigerants	R410A, R22, R32, R134a, R407c	R134E	R22, R134a, R404A, R407C	R410A
Pressure Scale	0-800 psi 30-500 psi	0-400 ps -30-140 ps	0-400 psi -30-140psi	0-800 psi -30-500 psi
Gauge Diameter	68mm	68mm	68mm	80mm
Hose	Red: 1/4", 5/16"	Red: 1/4", 1/4"	Red: 1/4", 1/4"	Red & Blue: 1/4"-5/16", 2x1 pc
	Yellow: 1/4", 1/4"	Yellow: 1/4", 1/4"	Yellow: 1/4", 1/4"	Yellow: 1/4"-1/4", 2x1 pc
	Blue: 1/4", 5/16"	Blue: 1/4", 1/4"	Blue: 1/4", 1/4"	Black: 1/4", 1/4", 1 pc



SINGLE MANIFOLD GAUGE

Model	MG-1-H	MG-1-L	MG-1-S-H	MG-1-S-L
Compatible Refrigerants	CFC, HCFC, HFC	CFC, HCFC, HFC	CFC, HCFC, HFC	CFC, HCFC, HFC
Pressure Scale	0-800 psi	-30-500psi	0-800 psi	-30-500psi
Gauge Diameter	68mm	68mm	68mm	68mm



HIGH STRENGTH REFRIGERANT HOSE

Size	Refrigerant and pressure	Service thread
36"(91CM)	Charging Hoses, R12/R22/R502 (500PSI~2500PSI)	RYB: 1/4SAE*1/4SAE
60"(152CM)		
72"(182CM)		
36"(91CM)	Charging Hoses, R134/R404/R407 (600PSI~3000PSI)	RYB: 1/4SAE*1/4SAE
60"(152CM)		
72"(182CM)		
36"(91CM)	Charging Hoses, R410/R32(800PSI~4000PSI)	R/B: 1/4SAE*5/16SAE, Y: 1/4SAE*1/4 SAE
60"(152CM)		
72"(182CM)		
36"(91CM)	Charging Hoses, R1234yf(800PSI~4000PSI)	RYB: 1/4SAE*1/4SAE
60"(152CM)		
72"(182CM)		



QUICK COUPLER



TRANSITION ADAPTER

A	Male thread 1/4"SAE to female thread 5/16" SAE
B	Male thread 5/16 SAE to female thread 1/4" SAE
C	Male thread 1/4" SAE to female thread 1/2"ACME
D	Male thread 1/2" ACME to female thread 1/4" SAE

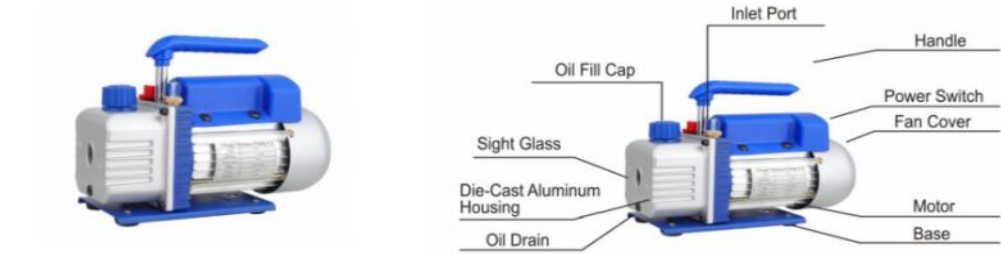


MANIFOLD GAUGE SET



Can be custimized

VACUUM PUMP



Single Stage Vacuum Pump

Type	Free air displacement 50Hz	Free air displacement 60Hz	Ultimate Vacuum	Power(HP)	Inlet Port	Oil Capacity (ml)	Dimensions(mm)	Weight(kg)
VK115 (VK-1)	1.5 CFM	1.8 CFM	5 Pa	1/4	1/4" Flare	170	243x114x207	5.0
VK125 (VK1.5)	2.5 CFM	3 CFM	5 Pa	1/4	1/4" Flare	220	260x110x240	5.5
VK135 (VK-2)	3.5 CFM	4 CFM	5 Pa	1/3	1/4" Flare	225	275x115x240	6.5
VK145 (VK-2.5)	4.5 CFM	5 CFM	5 Pa	1/3	1/4" Flare	250	290x120x240	8.5
VK160 (VK-3)	6 CFM	7 CFM	5Pa	1/2	1/4" & 3/8" Flare	250	310x125x255	11
VK180 (VK-4)	8 CFM	9 CFM	5 Pa	3/4	1/4" & 3/8" Flare	300	360x135x270	12
VK190 (VK-5)	10 CFM	12 CFM	5 Pa	1	1/4" & 3/8" Flare	450	430x142x280	18.0
SVK115 (SVK-1) mini	1.5 CFM	1.8 CFM	5 Pa	1/4	1/4" Flare	170	243x114x207	5.0

Dual Stage Vacuum Pump

Type	Free air displacement 50Hz	Free air displacement 60Hz	Ultimate Vacuum	Power(HP)	Inlet Port	Oil Capacity (ml)	Dimensions(mm)	Weight(kg)
VK215 (2VK-0.5)	1.5 CFM	2 CFM	3x10 ⁻¹ Pa	1/4	1/4" Flare	250	280x110x215	7
VK225 (2VK-1)	2.5 CFM	3 CFM	3x10 ⁻¹ Pa	1/3	1/4" Flare	250	280x110x215	7.5
VK235 (2VK-1.5)	3.5 CFM	4 CFM	3x10 ⁻¹ Pa	1/3	1/4" & 3/8" Flare	330	290x115x220	8
VK245 (2VK-2)	4.5 CFM	5 CFM	3x10 ⁻¹ Pa	1/2	1/4" & 3/8" Flare	330	290x115x220	9.0
VK260 (2VK-3)	6 CFM	7 CFM	3x10 ⁻¹ Pa	3/4	1/4" & 3/8" Flare	370	360x135x275	11
VK280 (2VK-4)	10 CFM	12 CFM	3x10 ⁻¹ Pa	1	1/4" & 3/8" Flare	500	430x142x280	17.0
VK2100 (2VK-5)	10 CFM	12 CFM	3x10 ⁻¹ Pa	1	1/4" & 3/8" Flare	550	430x142x280	18

AC Power Supply Plugs

5011	UK plug	5021	Argentina plug	5031	Brazilian plug
5041	Australian plug	5051	Japanese plug	5061	American plug
5071	Europug	5081	China plug	5091	Italian plug
5101	South African plug				



REFRIGERANT RECOVERY MACHINE



Model	RR250	RR550
Compatible Refrigerant	R12, R134a, R401C, R406A R500, 1234YFR407D, R408A, R409A, R411A, R411B, R412A, R502, R509, R22, R401A, R401B, R402B, R407C, R402A, R404A, R407A, R407 B, R410A, R507, R32	
Power Supply	230V~50-60Hz or 100-120V~50-60Hz	
Motor Power(HP)	3/4	1
Compressor	Oil-free, Piston style, Air cooled	
High Pressure Shut-off	38.5 bar/3850kpa	
Operating temperature	0°C~40°C/32°F~104°F	
Recovery Rate	Vapor: 0.26 kg/min Liquid: 1.85kg/min/min Push/Pull: 6.22kg/min	Vapor: 0.52 kg/min Liquid: 3.7kg/min/min Push/Pull: 9.95kg/min
Dimensions(mm)	418x250x345	
Weight(kg)	14	15

DIGITAL ELECTRONIC SCALE



RES-50/100



REC-50/100

Model	RES-100	REC-100
Capacity	100kg	100kg
Accuracy	(+/-) 0.5% of reading	
Platform Size	23x23cm	
Weight	3.3 kg/3.6kg	
Power	1pcs of 9V batteries	6pcs of 1.5V batteries
Readout	Imperial/Metric	
Operating Temperature	32°F to 122°F (0~50°C)	
Auto off	10min	

LEAK DETECTOR



WJL-6000

Ultimate sensibility: 6g/yr
Response time: instant
Reset time: 2-10s
Warm-up time: about 10s
Power supply: 4 AAA batteries (6 VDC)
Operating temperature: 0°C ~52°C
Detection mode: continuous, unlimited
Conform to ROHS standard
Conform to SAE J1627 and EN14624 standards



HLD-100+

Ultimate sensibility: 3g/yr
Response time: instant
Reset time: 2s
Warm-up time: about 10s
Power supply: 2"C" batteries (3 VDC)
Operating temperature: 0°C ~52°C
Detection mode: continuous, unlimited
Conform to ROHS standard
Conform to SAE J1627 and EN14624 standards

HAND TORCH



			
LV-A	LV-B	LV-AS	LV-BS
			
LV-2B	LV-3B	LV-C/ LV-2C(Automatic ignition)	LV-CA
			
T-9	T1S-660	T-8	T-10
			
T-26D60	T-030	T-042	T-033
			
T-039	T-1	T-001B	T-001F

TOOLS

Tube Cutter



Flaring Tool



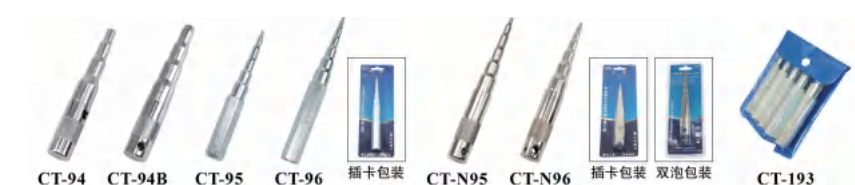
Multi Tube Bender



Tube Expander



Swaging Punch



Other Tools

