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Purpose**

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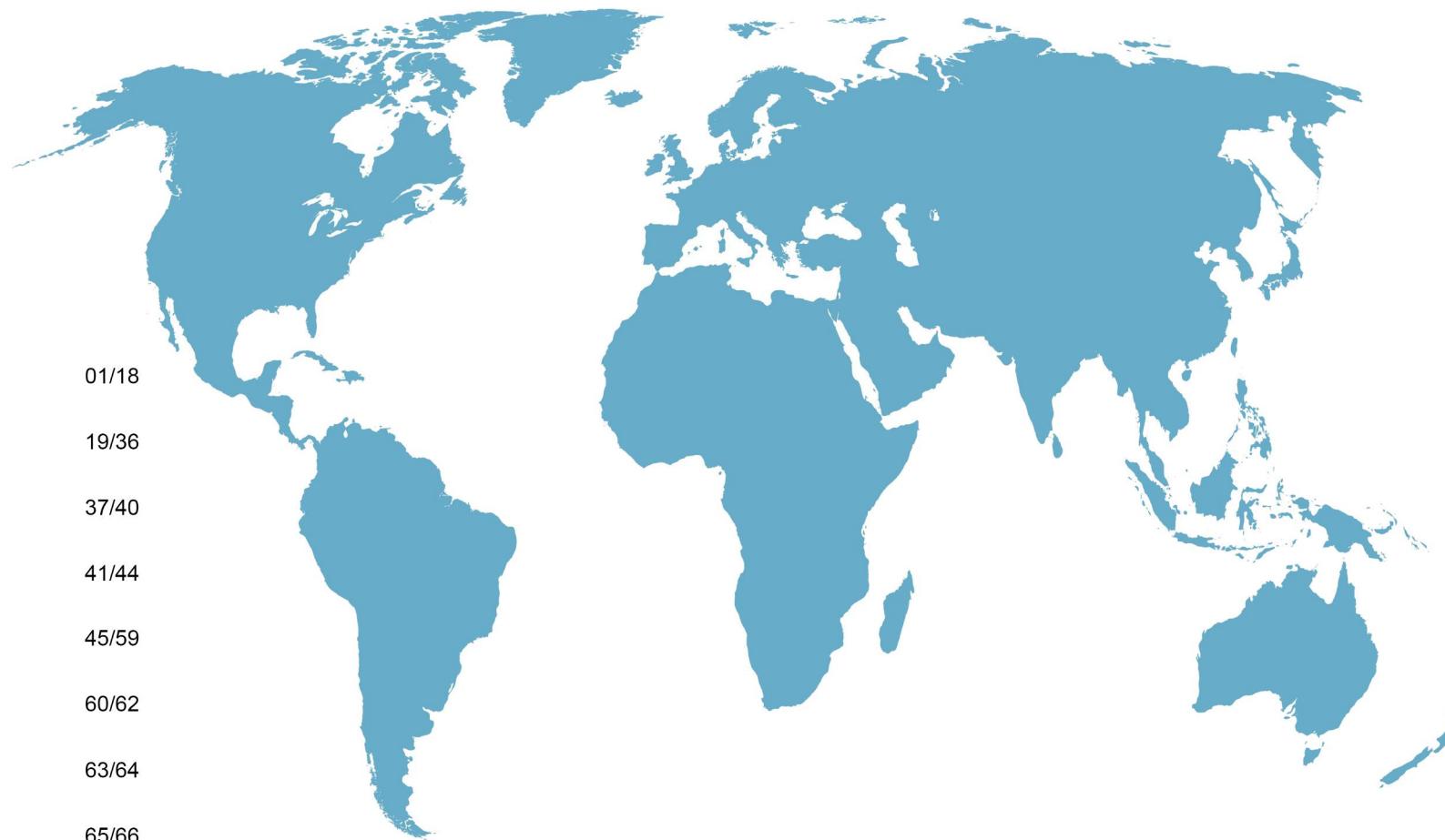
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ABOUT US

JOYHOTOOL is concentrate on Air-Conditioning & Refrigeration Products Industrial for over ten years. Over the past years, Joyhotool has earned its reputation as the brilliant supplier among customers due to its Experience, Professional, Integrity and Warm Service.

Dedicated JOYHOTOOL team attends to each customer's specific requirements and helps customers to make informed buying decisions. Through a growing network of over 100 suppliers after filtration in China. JOYHOTOOL strives to work together with our customers and manufacturers, to supply a product based on requirements of performance, price and application.

Our hope is to grow and do business with you together for sharing benefit, not only for JOTHOTOOL but for you as a closely connected business partner.

Welcome to Joyhotool, Your Satisfaction Is Our Purpose

Suction Line Accumulator

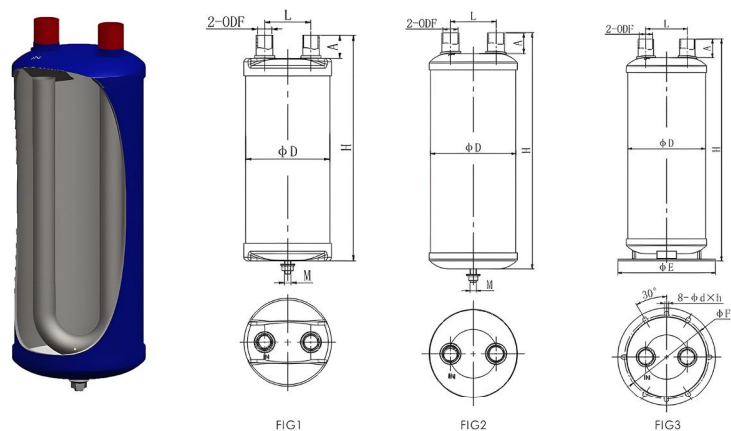


FIG 1

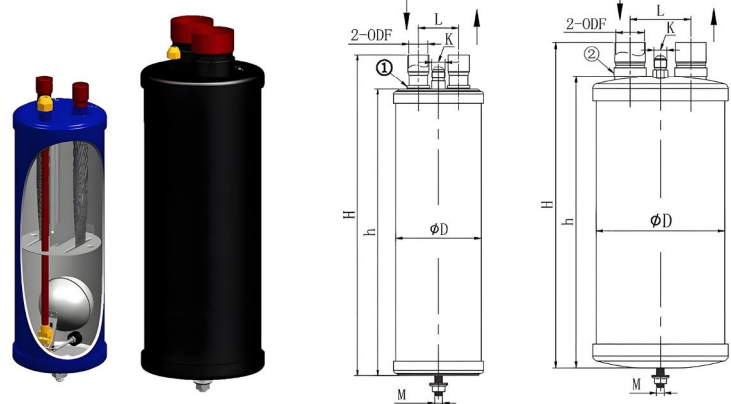
FIG2

FIG3

Technical Parameter

Model	In the refrigerating capacity of the evaporation temperature (KW)						ODF (in)	Dimensions (mm)							Volume	Type
	R22		R134a		R404A			ΦD	A	L	H	ΦF	ΦE	Φd*H/M		
	-18℃	5℃	-18℃	5℃	-18℃	5℃										
JHT-204	3.2	7.0	2.17	4.3	2.8	4.6	1/2	102	28	52	233	/	/	M10	1.5L	FIG2
JHT-205	4.9	10.5	2.8	6.0	4.2	7.0	5/8	102	28	52	283	/	/	M10	1.8L	FIG2
JHT-206	6.3	14.1	3.2	8.1	5.3	9.2	3/4	140	28	80	288	/	/	M10	3.5L	FIG2
JHT-207	11.6	25.7	6.3	14.0	9.5	16.2	7/8	140	33	80	353	/	/	M10	4.4L	FIG2
JHT-208	18.9	41.5	10.9	25.3	15.5	26.7	1-1/8	159	38	85	438	/	/	M12	7.2L	FIG2
JHT-209	29.9	66.1	16.2	37.6	25.3	42.9	1-3/8	159	40	85	535	/	/	M12	8.9L	FIG2
JHT-210	45.0	101.3	25.7	59.8	37.6	64.0	1-5/8	159	42	85	592	/	/	M12	9.9L	FIG2
JHT-596	6.3	14.1	3.2	8.1	5.3	9.2	3/4	127	30	70	265	/	/	M10	2.6L	FIG1
JHT-597	11.6	25.7	6.3	14.0	9.5	16.2	7/8	127	35	70	270	/	/	M10	2.6L	FIG1
JHT-5126	6.3	14.1	3.2	8.1	5.3	9.2	3/4	127	30	70	325	/	/	M10	3.3L	FIG1
JHT-5127	11.6	25.7	6.3	14.0	9.5	16.2	7/8	127	35	70	340	/	/	M10	3.5L	FIG1
JHT-5137	11.6	25.7	6.3	14.0	9.5	16.2	7/8	127	35	70	390	/	/	M10	4.0L	FIG1
JHT-5139	18.9	41.5	10.9	25.3	15.5	26.7	1-1/8	127	40	70	395	/	/	M10	4.0L	FIG1
JHT-5179	18.9	41.5	10.9	25.3	15.5	26.7	1-1/8	127	40	70	475	/	/	M10	5.0L	FIG1
JHT-51711	29.9	66.1	16.2	37.6	25.3	42.9	1-3/8	127	42	70	477	/	/	M10	5.0L	FIG1
JHT-61411	45.0	101.3	25.7	59.8	37.6	64.0	1-3/8	159	40	85	410	/	/	M12	6.5L	FIG2
JHT-62013	45.0	101.3	25.7	59.8	37.6	64.0	1-5/8	159	42	85	572	/	/	M12	9.5L	FIG2

Oil Separator



Remarks:

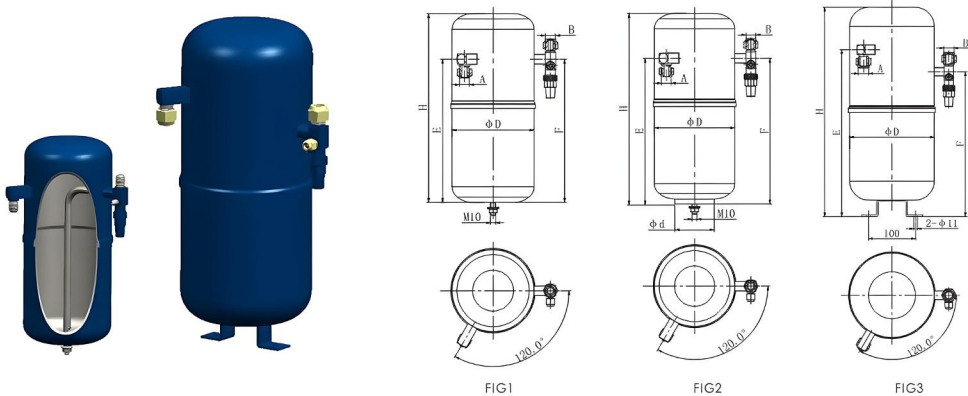
①Diameter less than 1-1/8", copper pipe and end cover without steel bush

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

Technical Parameter

Model	In the refrigerating capacity of the evaporation temperature (KW)						ODF (in)	Oil return SAE (in)	Dimensions (mm)					Pre- charge qty (mL)	Volum e (L)	Remar ks
	R404A/R507		R134a		R22/R407C				ΦD	L	h	H	M			
	-40℃	+5℃	-40℃	+5℃	-40℃	+5℃										
5002-55833	/	/	/	/	/	/	3/8	1/4	102	48	214	248	M10	400ml	1.47L	①
5002-55824	5.31	7.0	3.2	6.2	5.3	7.1	1/2				240	272			1.73L	①
5002-55855	14.2	19.3	11.4	15.8	15.9	19.5	5/8				300	335			2.17L	①
5002-55855A							/				325	360			2.36L	①
5002-55866	14.6	19.5	15.9	16	19.6	24.2	3/4				325	365			2.36L	①
5002-55877	22.8	29.2	16.7	22.4	24.8	28.3	7/8				340	382			2.47L	①
5002-55877A							/				400	442			2.91L	①
5002-55889	30.0	37.6	22.4	29.9	31.8	37.2	1-1/8				370	412			2.70L	②
5002-55889A							/		430	472	3.13L	②				
5002-559011	36.7	49.0	28.1	40.4	40.5	47.8	1-3/8		450	492	3.28L	②				
5002-559011A							/		475	517	3.47L	②				
5003-55833	/	/	/	/	/	/	3/8		214	248	1.47L	①				
5003-55824	5.31	7.0	3.2	6.2	5.3	7.1	1/2		240	272	1.73L	①				
5003-55855	14.2	19.3	11.4	15.8	15.9	19.5	5/8		300	335	2.17L	①				
5003-55855A							/		325	360	2.36L	①				
5003-55856	/	/	/	/	/	/	3/4		325	365	2.36L	①				
5003-55877	22.8	29.2	16.7	22.4	24.8	28.3	7/8	340	382	2.47L	①					
5003-55877A							/	400	442	2.91L	①					
5003-55889	30.0	37.6	22.4	29.9	31.8	37.2	1-1/8	370	412	2.70L	②					
5003-55889A							/	430	472	3.13L	②					
5003-559011	36.7	49.0	28.1	40.4	40.5	47.8	1-3/8	450	492	3.28L	②					
5003-559011A							/	475	517	3.47L	②					
5003-569011	41.0	50.8	33.4	48.4	45.2	49.8	1-3/8	360	402	6.20L	②					
5003-569211							/	430	472	7.50L	②					
5003-569213	51.4	65.2	41.3	56.3	56.5	63.4	1-5/8	430	476	7.50L	②					
5003-569417	88.5	108.6	63.3	89.0	91.4	105.5	2-1/8	430	482	7.50L	②					

Vertical Liquid Receiver

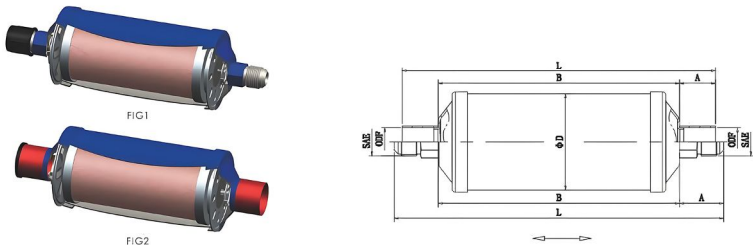


Technical Parameter

Model	Inlet A (in)	Outlet B (in)	Dimensions (mm)					Volume	Type
			D	E	F	H	d		
3100-0329112	3/8	1/4	91	135	135	220	/	1.2L	FIG1
3100-0329112A	3/8	1/4	91	145	145	230	63.5	1.2L	FIG2
3100-03312728	3/8	3/8	127	160	160	245	/	2.8L	FIG1
3100-03312728A	3/8	3/8	127	170	170	255	76	2.8L	FIG2
3100-03312735	3/8	3/8	127	218	218	307	/	3.5L	FIG1
3100-03312735A	3/8	3/8	127	228	228	317	76	3.5L	FIG2
3100-04415663	1/2	1/2	156	275	275	362	/	6.3L	FIG1
3100-04415663A	1/2	1/2	156	285	285	372	76	6.3L	FIG2
3100-05518096	5/8	5/8	180	357	310	447	/	9.6L	FIG3
3100-05518096A	5/8	5/8	180	332	285	422	89	9.6L	FIG2



BI-Flow Filter Drier



Technical Parameter

Model	Connection		Pressure Drop $\Delta p^{(12)}=0.07\text{bar}$ Fluid Refrigerating Capacity(KW)			Dimensions				Type
	ODF	SAE	R22	R410a	R407C	A(mm)	B(mm)	D(mm)	L(mm)	
1200-052		1/4	5.6	5.6	5.6	22.5	76	63.5	121	FIG1
1200-052S	1/4		7.7	7.7	7.7	18			112	FIG2
1200-053		3/8	12.4	12.4	12.0	27.5			131	FIG1
1200-053S	3/8		13.8	13.8	13.6	19			114	FIG2
1200-082		1/4	7.0	7.0	6.9	22.5	100	63.5	145	FIG1
1200-082S	1/4		7.8	7.8	7.4	18			136	FIG2
1200-083		3/8	15.8	15.8	15.4	27.5			155	FIG1
1200-083S	3/8		17.8	17.8	17.4	19			138	FIG2
1200-084		1/2	22.5	22.5	22.1	30			160	FIG1
1200-084S	1/2		23.6	23.6	23.2	20			140	FIG2
1200-085		5/8	27.4	27.4	26.6	35			170	FIG1
1200-085S	5/8		28.5	28.5	27.8	24			148	FIG2
1200-162		1/4	8.1	8.8	8.4	22.5	110	76	155	FIG1
1200-162S	1/4		10.9	12.0	11.6	18.5			146	FIG2
1200-163		3/8	16.2	16.2	15.8	27.5			165	FIG1
1200-163S	3/8		18.3	18.3	17.9	19			148	FIG2
1200-164		1/2	27.1	27.1	26.7	30			170	FIG1
1200-164S	1/2		28.5	28.5	27.8	20			150	FIG2
1200-165		5/8	29.2	29.2	28.5	35			180	FIG1
1200-165S	5/8		30.6	30.6	29.9	24			158	FIG2
1200-166		3/4	34.5	34.5	33.6	40			190	FIG1
1200-166S	3/4		36.6	36.6	35.9	26			162	FIG2
1200-167S	7/8		40.2	40.2	39.6	28.5			167	FIG2
1200-303		3/8	18.3	18.3	17.9	27.5	181	76	236	FIG1
1200-303S	3/8		20.4	20.4	20.0	19			219	FIG2
1200-304		1/2	26.8	26.8	26.4	30			241	FIG1
1200-304S	1/2		34.1	34.1	33.4	20			221	FIG2
1200-305		5/8	36.3	36.3	35.5	35			251	FIG1
1200-305S	5/8		50	50	48.9	24			229	FIG2
1200-306		3/4	43	43	40.2	40			261	FIG1
1200-306S	3/4		56.3	56.3	55.3	26			233	FIG2
1200-307S	7/8		58.8	58.8	57.7	28.5			238	FIG2
1200-309S	1 1/8		68.9	68.9	67.8	29			239	FIG2

Filter Drier

We use 100% 3A molecular sieve core in the filter drier, with strong drying capability to reduce the risk of hydrolyze acid reaction. It can be used with HFC refrigerant (R134A, R404A, R410A) with POE and PAG oil together. This product is also an additive, compatible with R22 without consuming oil.

Feature:

- ⦿ Additives without consuming oil
- ⦿ Joint type: ODF or SAE
- ⦿ Corrosive resistance molded
- ⦿ For a variety of refrigerant R-12, R-134a, R-22, R-404A, R-407C, R-410A, R-500, R-502, R-507
- ⦿ Maximum working pressure: 4.70Mpa/680Psig, with the UL and CE certification

Feature:

- ⦿ The automatic compressed device makes it possible to automatically fill in the worn molecules
- ⦿ High moisture and acid removal capacity
- ⦿ Motion of pads will not cause vibration
- ⦿ Drying and filtering effect of combining
- ⦿ Filtration:20 microns
- ⦿ Corrosion resistant epoxy powder paint finish. salt spray test above 500 hours
- ⦿ Two kinds of connection methods: ODF and SAE;In order to facilitate welding, ODF adoption of TP2 copper reserve
- ⦿ For a variety of refrigerant R-12, R-134a, R-22, R-404A, R-407C, R-410A, R-500, R-502, R-507
- ⦿ Maximum working pressure:4.7Mpa/680Psig,with the UL and CE certification

MODEL	CONNECTION(IN)		LIQUID FLOW CAPACITY(TONS)			DRYING CAPACITY (LBS)			(CU.IN) DESICC ANT	A(IN)	B(IN)	C(IN)
			R134A	R404A	R22	R134A	R404A	R22				
	R507	R407C		R507	R407C							
	ODF	SAE			R410A							
SDML-032		1/4										
SDML-032S	1/4		2	1.5	2	15	24	14.5	3	4.41		
SDML-033		3/8								3.99	2.76	
SDML-033S	3/8		5	3.5	5.5					4.84		
SDML-052		1/4								4.15	2.76	
SDML-052S	1/4		2	1.5	2	19	28.5	17.5	5	4.76		
SDML-053		3/8								4.35	2.95	
SDML-053S	3/8		5	4	5.5					4.84		
SDML-082		1/4								4.5	2.95	
SDML-082S	1/4		2	1.5	2					5.37	3.98	
SDML-083		3/8								6.22		
SDML-083S	3/8		5.5	4	6	27.5	44	27.5	8	5.45	3.98	
SDML-084		1/2								6.38		
SDML-084S	1/2		7.5	5.5	8					5.51	3.98	
SDML-162		1/4								5.37	3.98	
SDML-162S	1/4		2	1.5	2					6.42		
SDML-163		3/8								5.97	4.8	
SDML-163S	3/8		6	4.5	6.5					6.85		
SDML-164		1/2				59.5	96	59.5	16	6.24	4.8	
SDML-164S	1/2		18.5	6	9					7		
SDML-165		5/8								6.3	4.8	
SDML-165S	5/8		12	8.5	13.5					7.32		
SDML-167S	7/8		12	8.5	13.5					6.56	4.8	
SDML-303		3/8								7.13	4.8	
SDML-303S	3/8		6	4.5	6.5					9.61		
SDML-304		1/2								9	8.13	
SDML-304S	1/2		8.5	6	9.5					9.88		
SDML-305		5/8								9.06	8.06	
SDML-305S	5/8		12.5	9	14	126	204	126	30	10.31		
SDML-306S	3/4									9.31	8.06	
SDML-307S	7/8		16.5	12	18.5					9.68	8.43	
SDML-309S	1-1/8		16.5	12	18.5					9.88	8.38	
			17.5	12.5	19					10.43	8.5	

MODEL	CONNECTION(IN)		LIQUID FLOW CAPACITY(TONS)							A(IN)	B(IN)	D(IN)	E(IN)	F(IN)
	ODF	SAE	R134A	R12	R22 R410A	R407C	R404A R507	R502						
SEK-032		1/4	1.61	2.09	2.21	2.12	1.45	1.45	4.13					
SEK-032S	1/4		2.21	2.72	2.88	2.88	1.98	1.98	3.78	2.56	0.61		2.36	1.69
SEK-033		3/8	2.51	3.01	3.32	3.22	2.22	2.12	4.53					
SEK-033S	3/8		2.51	3.01	3.32	3.22	2.22	2.12	3.86	2.60	0.63			
SEK-052		1/4	1.72	2.12	2.32	2.22	1.52	1.52	4.86					
SEK-052S	1/4		2.72	3.32	3.62	3.52	2.42	2.31	4.55	3.33	0.61		3.13	
SEK-053		3/8	2.91	3.53	3.85	3.69	2.54	2.54	5.30					
SEK-053S	3/8		3.62	4.41	4.78	4.68	3.23	3.13	4.63	3.37	0.63			
SEK-082		1/4	1.89	2.31	2.28	2.45	1.69	1.58	5.63					
SEK-082S	1/4		2.55	3.12	3.46	3.34	2.23	2.23	5.28	4.06	0.61			
SEK-083		3/8	3.33	4.01	4.35	4.36	2.94	2.84	6.02					
SEK-083S	3/8		3.76	4.56	4.88	4.78	3.29	3.19	5.35	4.09	0.63		3.86	
SEK-084		1/2	5.56	6.75	7.32	7.13	4.96	4.76	6.18					
SEK-084S	1/2		5.88	7.12	7.74	7.55	5.12	5.07	5.42	4.17	0.62			2.50
SEK-162		1/4	1.98	2.36	2.57	2.44	1.72	1.63	6.56	5.25				
SEK-162S	1/4		2.55	3.12	3.45	3.32	2.19	2.19	6.19					
SEK-163		3/8	3.19	3.88	4.25	4.11	2.78	2.71	7.01					
SEK-163S	3/8		3.61	4.41	4.79	4.77	3.16	3.13	6.17	5.08	0.54			
SEK-164		1/2	5.88	7.14	7.81	7.77	5.23	5.12	7.17					
SEK-164S	1/2		7.10	8.50	9.22	9.01	6.21	6.02	6.23	5.16	0.54			
SEK-165		5/8	8.02	9.71	10.45	10.32	7.01	6.82	7.60					
SEK-165S	5/8		8.32	10.12	10.94	10.77	7.32	7.12	6.42	5.24	0.59			
SEK-167S	7/8		12.78	15.56	16.87	16.54	11.26	10.92	7.05	5.24	0.91			
SEK-303		3/8	3.61	4.34	4.71	4.61	3.16	3.11	9.51					
SEK-303S	3/8		5.23	6.36	6.87	6.78	4.63	4.45	8.84	7.58	0.63			
SEK-304		1/2	6.64	8.13	8.89	8.64	5.92	5.71	9.67					
SEK-304S	1/2		8.78	10.62	11.52	11.36	7.74	7.53	9.00	7.66	0.67			
SEK-305		5/8	8.78	10.69	11.56	11.35	7.74	7.54	10.10					
SEK-305S	5/8		10.32	12.51	13.52	13.33	9.12	8.84	9.23	7.74	0.75			
SEK-306		3/4							10.45					
SEK-306S	3/4		12.12	14.84	16.06	15.75	10.71	10.44	9.31	7.74	0.79			
SEK-307S	7/8		13.84	16.84	18.23	19.72	12.23	11.84	9.78	7.74	1.02			
SEK-309S	1-1/8		16.12	19.63	21.25	20.84	14.21	13.84	10.00	7.89	1.06			
SEK-413		3/8	3.59	4.39	4.75	4.65	3.16	3.09	9.87					
SEK-413S	3/8								9.20	7.94	0.63			
SEK-414		1/2	8.55	10.41	11.32	11.15	7.51	7.31	10.03					
SEK-414S	1/2		8.95	10.85	11.74	11.52	7.84	7.61	9.36	7.94	0.71		7.71	
SEK-415		5/8	9.95	12.06	13.05	12.84	8.74	8.54	10.46					
SEK-415S	5/8		13.98	17.02	18.41	18.18	12.30	12.00	9.25	7.94	0.67			
SEK-417S	7/8		16.66	20.35	22.01	21.60	14.78	14.35	9.91	8.02	0.94			
SEK-419S	1-1/8		22.75	27.78	30.25	29.41	20.14	19.51	10.37	8.02	1.17			
SEK-575S	7/8		18.25	22.22	24.15	23.65	16.15	15.62	15.46	13.65	0.91		13.26	
SEK-759S	1-1/8		26.80	32.87	35.41	34.84	23.70	23.01	15.92	16.65	1.14			

Filter Cylinder



The pipet is completely protected after the installation of molded filter dry fragment in SPL shell. To obtain the filtration of big capacity suction pipe, replaceable filter cores can be installed inside. Another feature of the suction pipe is that it adopts filter dry fragment to clear up the compressor when it was burned.

Feature:

- Durable steel shell prolongs the life of the equipments
- Safe operating pressure: T—for pipet 3.4Mpa
SV—for suction tube 2.7Mpa
- Very little pressure loss when full flowing
- High corrosion resistance of surface
- Various sizes of joints
- Simplified internal parts make the installation convenient
- For a variety of refrigerant R-12, R-134a, R-22, R-404A, R-407C, R-410A, R-500, R-502, R-507
- With the UL and CE certification

FOR LIQUID LINE AND SUCTION LINE	CONNECTION ODF ONLY (IN)	REFRIGERATION CAPACITY (TONS)- LOW TEMP/COMMERCIAL USE					A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	WEIGHT T (KGS)	QUANTIT Y OF CORES
		R134A	R12	R22	R404A/ R507	R502							
JHL-485	5/8	19	15	21	14	13	9.31	6.05	4.5	6.09	3.13	5.5	1
JHL-487	7/8	35	28	38	25	24	9.5			6.25	3.25		
JHL-489	1-1/8	48	40	53	35	34	9.38			6.31	3.25		
JHL-4811	1-3/8	56	46	61	40	39	9.75			6.44	3.38		
JHL-4813	1-5/8	78	64	85	56	55		6.05	4.5			8	2
JHL-967	7/8	37	31	41	27	26	15.1			11.9	3.28		
JHL-969	1-1/8	58	47	63	42	40	15.2			12	3.28		
JHL-9611	1-3/8	72	59	79	52	51	15.3			12.1	3.38		
JHL-9613	1-5/8	78	64	85	56	55	15.3	6.05	4.5	12.1	3.41	10	3
JHL-1449	1-1/8	56	46	61	40	39	20.5			17.3	3.25		
JHL-14411	1-3/8	81	66	88	58	57	20.8			17.5	3.38		
JHL-14413	1-5/8	89	73	97	64	63	20.8			17.5	3.41		
JHL-14417	2-1/8	103	84	112	74	72	20.9	6.05	4.5	17.6	3.5	19.5	4
JHL-19211	1-3/8	86	74	94	62	61	26.7			23.4	3.38		
JHL-19213	1-5/8	95	77	103	68	66	26.7			23.4	3.41		
JHL-19217	2-1/8	106	87	115	76	74	26.8			23.7	3.5		
JHL-30013	1-5/8	70	57	76	50	49	24.8	7.87	6	19.7	4.66	21	3
JHL-30017	2-1/8	84	69	92	61	59	24.9			19.9	4.66		
JHL-30021	2-5/8	94	79	102	71	69	25			20	5.06		
JHL-30025	3-1/8	104	89	112	81	79	25.1			20.1	5.09		
JHL-30029	3-5/8	114	99	122	91	89	25.1	7.87	6	20.1	5.13	23	4
JHL-30034	4-1/4	124	109	132	101	99	24.9			19.6	5.25		
JHL-40017	2-1/8	89	73	97	64	63	34.6			30.5	5.31		
JHL-40021	2-5/8	101	83	110	73	71	34.8			30.6	5.38		

Filter Core

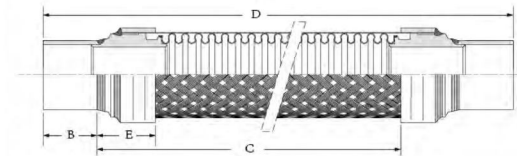


Oil Filter Core,Drying Filter Core,Suction Line Filter Core

Under special environments, capable of dissolving pollutants such as moisture and acid Protect systems
Packaging Detail: standard export packaging, Its also Depending on Clients Requests.

DEDIUM	TYPE	I.D.(IN)	O.D.(IN)	HEIGHT(IN)
Oil Filter Core	SX48	3.74	5.51	0.79
	SX100	4.69	6.54	1.1
Drying Filter Core	DS48	1.85	3.78	5.51
	HS48	1.85	3.78	5.51
Suction Line Filter Core	HS100	2.09	4.8	6.5
	LX48	3.74	5.51	0.79
	LX100	4.69	6.54	1.1

Vibration Absorber Tube



Model	Connection	Dimension Inch				Max.Working Pressure	Brust Presure
	Inch	B	C	D	E	psig	psig
VAT-3/8	3/8 ODF	13/16"	6-15/16"	8-9/16"	1/2	500	2500
VAT-1/2	1/2 ODF	7/8"	7-1/4"	9"	1/2"	500	2500
VAT-5/8	5/8 ODF	15/16"	8"	9-7/8"	11/16"	500	2500
VAT-3/4	3/4 ODF	1-1/4"	8-1/16"	10-9/16"	11/16"	500	2500
VAT-7/8	7/8 ODF	1-7/16"	9-1/8"	12"	13/16"	500	2500
VAT-1-1/8	1-1/8 ODF	1-13/16"	9-7/16"	13-9/16"	13/16"	500	2500
VAT-1-3/8	1-3/8 ODF	2"	11-1/2"	15-9/16"	7/8"	500	2500
VAT-1-5/8	1-5/8 ODF	1-1/4"	12-3/8"	16-7/8"	15/16"	500	2500
VAT-2-1/8	2-1/8 ODF	2-3/4"	15-3/16"	20-5/8"	15/16"	390	1950
VAT-2-5/8	2-5/8 ODF	3-1/8"	18-1/16"	24-5/16"	1-1/4"	340	1700
VAT-3-1/8	3-1/8 ODF	3-7/16"	20"	26-15/16"	1-1/2"	300	1500
VAT-3-5/8	3-5/8 ODF	4-1/8"	24"	32-3/16"	1-9/16"	175	525
VAT-4-1/8	4-1/8 ODF	4-7/16"	24"	32-15/16"	1-9/16"	175	525

Brass Valve&Component



Hand Valve

PART NO	DESCRIPTION
JHT-HV04	1/4" SAE
JHT-HV06	3/8" SAE
JHT-HV08	1/2" SAE
JHT-HV10	5/8" SAE
JHT-HV12	3/4" SAE



Hand Valve

PART NO	DESCRIPTION
JHT-HV04S	1/4" ODF
JHT-HV06S	3/8" ODF
JHT-HV08S	1/2" ODF
JHT-HV10S	5/8" ODF
JHT-HV12S	3/4" ODF



Air-Conditioner Valve

PART NO	DESCRIPTION
JHT-A04	1/4" O.D. Tube
JHT-A05	5/16" O.D. Tube
JHT-A06	3/8" O.D. Tube
JHT-A08	1/2" O.D. Tube
JHT-A10	5/8" O.D. Tube
JHT-A12	3/4" O.D. Tube



Air-Conditioner Valve

PART NO	DESCRIPTION
JHT-A04L	1/4" O.D. Tube L Shape
JHT-A05L	5/16" O.D. Tube L Shape
JHT-A06L	3/8" O.D. Tube L Shape
JHT-A08L	1/2" O.D. Tube L Shape
JHT-A10L	5/8" O.D. Tube L Shape
JHT-A12L	3/4" O.D. Tube L Shape



Sight Glass

PART NO	DESCRIPTION
JHT-SG04	1/4" SAE
JHT-SG06	3/8" SAE
JHT-SG08	1/2" SAE
JHT-SG10	5/8" SAE
JHT-SG12	3/4" SAE



Sight Glass

PART NO	DESCRIPTION
JHT-SG04S	1/4" ODF
JHT-SG06S	3/8" ODF
JHT-SG08S	1/2" ODF
JHT-SG10S	5/8" ODF
JHT-SG12S	3/4" ODF



Sight Glass

PART NO	DESCRIPTION
JHT-SGW04	1/4"
JHT-SGW06	3/8"
JHT-SGW08	1/2"
JHT-SGW10	5/8"
JHT-SGW12	3/4"



Tee Valve

PART NO	DESCRIPTION
JHT-T01	1/4" O.D. Tube x 1/4" Flare access on branch
JHT-T02	5/16" O.D. Tube x 1/4" Flare access on branch
JHT-T03	3/8" O.D. Tube x 1/4" Flare access on branch
JHT-T04	1/2" O.D. Tube x 1/4" Flare access on branch
JHT-T05	5/8" O.D. Tube x 1/4" Flare access on branch
JHT-T06	3/4" O.D. Tube x 1/4" Flare access on branch
JHT-T07	7/8" O.D. Tube x 1/4" Flare access on branch
JHT-T08	1-1/8" O.D. Tube x 1/4" Flare access on branch



Access Valve

PART NO	DESCRIPTION
JHT-01	1/8" O.D. Tube
JHT-02	3/16" O.D. Tube
JHT-03	1/4" O.D. Tube
JHT-04	5/16" O.D. Tube
JHT-05	3/8" O.D. Tube
JHT-06	1/2" O.D. Tube

Tube Length
(20mm-120mm)



Multiple Solder

PART NO	DESCRIPTION
JHT-M01	For 1/8" O.D. 3/16" 1/4" 5/16" 3/8" 1/2" I.D. Tube
JHT-M02	For 1/8" O.D. 1/4" 3/8" 1/2" I.D. Tube
JHT-M03	For 1/4" O.D. 3/8" 1/2" I.D. Tube
JHT-M04	For 1/4" O.D. 5/16" I.D. Tube



Nut

PART NO	DESCRIPTION
JHT-FN04	1/4"
JHT-FN05	5/16"
JHT-FN06	3/8"
JHT-FN08	1/2"
JHT-FN10	5/8"
JHT-FN12	3/4"
JHT-FN14	7/8"



Union

PART NO	DESCRIPTION
JHT-BU04	1/4"
JHT-BU05	5/16"
JHT-BU06	3/8"
JHT-BU08	1/2"
JHT-BU10	5/8"
JHT-BU12	3/4"
JHT-BU14	7/8"



Elbow

PART NO	DESCRIPTION
JHT-BE04	1/4"
JHT-BE05	5/16"
JHT-BE06	3/8"
JHT-BE08	1/2"
JHT-BE10	5/8"
JHT-BE12	3/4"



Tee

PART NO	DESCRIPTION
JHT-BT04	1/4"
JHT-BT05	5/16"
JHT-BT06	3/8"
JHT-BT08	1/2"
JHT-BT10	5/8"
JHT-BT12	3/4"



Adapter

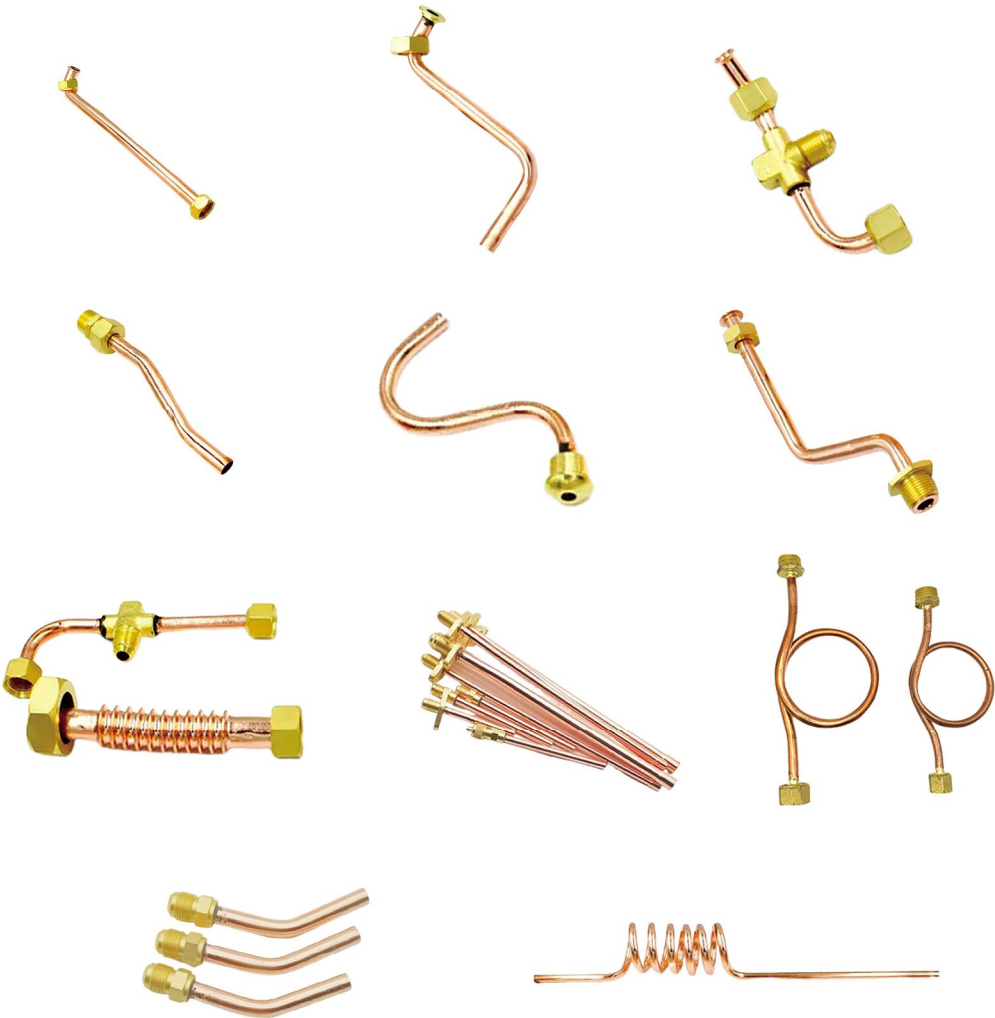
PART NO	DESCRIPTION
JHT-BA78	Female 5/16" x Male 1/4" SAE
JHT-BA87	Female 1/4" x Male 5/16" SAE
JHT-BT89	Female 5/16" x Male 1/4" SAE
JHT-BT98	Female 1/4" x Male 5/16" SAE



Capillary Tube With Nut

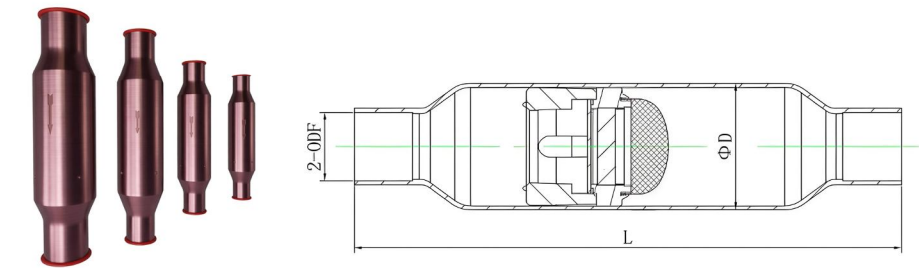
PART NO	DESCRIPTION
JHT-900M	Capillary Dia. 1/8" x 90cm with two 1/4" brass flare nuts
JHT-120M	Capillary Dia. 1/8" x 120cm with two 1/4" brass flare nuts
JHT-150M	Capillary Dia. 1/8" x 150cm with two 1/4" brass flare nuts

Brass&Copper Jointing Component



All products can be customized according to the requirements of the customers

Check Valve



Introduction:
8114-XXXX magnetic check valve is designed with magnetic diaphragm, All metals are sealed . It is used in the exhaust pipe of the compressor. For inside, it uses guide device and automatic suction design that prevents reverse refrigerant flow in liquid lines and compressor discharge lines.

- Feature:**
- 1: Flexible sealing of film-clad valve disc, reverse nearly zero leakage;
 - 2: Magnetic adsorption diaphragm, flow resistance is very small;
 - 3: Straight-line type, small size, light weight, installation angle is not limited;
 - 4: Riveted filter screen in valve body, with check valve filtering function;
 - 5: Compatible with all fluorine-containing refrigerants;
 - 6: Working temperature: -40°C ~+120°C.

Technical Parameter

Model	Connection	Dimensions		MESHERS	Safety Working Pressure(Kpa)	Liquid Refrigeration(KW)
	ODF	D(in)	L(mm)			
8114-0207	1/4	22	102	40	5500	6.8
8114-0307	3/8	22	102	40	5500	14.2
8114-0407	1/2	22	102	40	5200	38.2
8114-0507	5/8	22	102	40	5200	42.6
8114-0409	1/2	29	127	40	5200	38.2
8114-0509	5/8	29	127	40	5200	42.6
8114-0609	3/4	29	127	40	4100	79.7
8114-0709	7/8	29	127	40	4100	108.5
8114-0613	3/4	41	178	40	4100	79.7
8114-0713	7/8	41	178	40	4100	108.5
8114-0913	1-1/8	41	213	40	4100	188.5
8114-0917	1-1/8	54	213	40	4000	188.5
8114-1117	1-3/8	54	213	40	4000	232.8
8114-1317	1-5/8	54	213	40	4000	397.7
8114-1121	1-3/8	67	238	40	4000	232.8
8114-1325	1-5/8	80	267	40	3000	397.7
8114-1729	2-1/8	92	305	40	3000	691.1
8114-2133	2-5/8	105	330	40	3000	927.3
8114-2533	3-1/8	105	330	40	3000	1262.5

Copper Fitting



Copper Coupling

PART CODE	Connection
JHT-CC14	1/4"
JHT-CC38	3/8"
JHT-CC12	1/2"
JHT-CC58	5/8"
JHT-CC34	3/4"
JHT-CC78	7/8"
JHT-CC100	1"
JHT-CC118	1-1/8"
JHT-CC114	1-1/4"
JHT-CC138	1-3/8"
JHT-CC112	1-1/2"
JHT-CC158	1-5/8"
JHT-CC134	1-3/4"
JHT-CC218	2-1/8"
JHT-CC258	2-5/8"



Copper Elbow 45°

PART CODE	Connection
JHT-CEF14	1/4"
JHT-CEF38	3/8"
JHT-CEF12	1/2"
JHT-CEF58	5/8"
JHT-CEF34	3/4"
JHT-CEF78	7/8"
JHT-CEF100	1"
JHT-CEF118	1-1/8"
JHT-CEF114	1-1/4"
JHT-CEF138	1-3/8"
JHT-CEF112	1-1/2"
JHT-CEF158	1-5/8"
JHT-CEF134	1-3/4"
JHT-CEF218	2-1/8"
JHT-CEF258	2-5/8"



Reducer Coupling

PART CODE	Connection	
JHT-RC1416	1/4"	3/16"
JHT-RC3814	3/8"	1/4"
JHT-RC3816	3/8"	5/16"
JHT-RC1214	1/2"	1/4"
JHT-RC1216	1/2"	5/16"
JHT-RC5838	5/8"	3/8"
JHT-RC5812	5/8"	1/2"
JHT-RC3414	3/4"	1/4"
JHT-RC3438	3/4"	3/8"
JHT-RC3412	3/4"	1/2"
JHT-RC3458	3/4"	5/8"
JHT-RC7814	7/8"	1/4"
JHT-RC7838	7/8"	3/8"
JHT-RC7812	7/8"	1/2"
JHT-RC7858	7/8"	5/8"
JHT-RC7834	7/8"	3/4"
JHT-RC10012	1"	1/2"
JHT-RC10034	1"	3/4"
JHT-RC11838	1-1/8"	3/8"
JHT-RC11812	1-1/8"	1/2"
JHT-RC11858	1-1/8"	5/8"
JHT-RC11834	1-1/8"	3/4"
JHT-RC11878	1-1/8"	7/8"
JHT-RC118100	1-1/8"	1"
JHT-RC114118	1-1/4"	1-1/8"
JHT-RC13838	1-3/8"	3/8"
JHT-RC13812	1-3/8"	1/2"
JHT-RC13858	1-3/8"	5/8"
JHT-RC13834	1-3/8"	3/4"
JHT-RC13878	1-3/8"	7/8"
JHT-RC138118	1-3/8"	1-1/8"
JHT-RC112118	1-1/2"	1-1/8"
JHT-RC112114	1-1/2"	1-1/4"
JHT-RC15812	1-5/8"	1/2"
JHT-RC15858	1-5/8"	5/8"
JHT-RC158118	1-5/8"	1-1/8"
JHT-RC158138	1-5/8"	1-3/8"
JHT-RC21812	2-1/8"	1/2"
JHT-RC21858	2-1/8"	5/8"
JHT-RC21878	2-1/8"	7/8"
JHT-RC218118	2-1/8"	1-1/8"
JHT-RC218158	2-1/8"	1-5/8"
JHT-RC25858	2-5/8"	5/8"
JHT-RC25878	2-5/8"	7/8"
JHT-RC258118	2-5/8"	1-1/8"
JHT-RC258138	2-5/8"	1-3/8"
JHT-RC258158	2-5/8"	1-5/8"
JHT-RC258218	2-5/8"	2-1/8"



Tee

PART CODE	Connection
JHT-CT14	1/4"
JHT-CT38	3/8"
JHT-CT12	1/2"
JHT-CT58	5/8"
JHT-CT34	3/4"
JHT-CT78	7/8"
JHT-CT100	1"
JHT-CT118	1-1/8"
JHT-CT114	1-1/4"
JHT-CT138	1-3/8"
JHT-CT112	1-1/2"
JHT-CT158	1-5/8"
JHT-CT134	1-3/4"
JHT-CT218	2-1/8"
JHT-CT258	2-5/8"



Reducer Tee

PART CODE	Connection	
JHT-RTD1614	5/16"×2	1/4"
JHT-RTD3814	3/8"×2	1/4"
JHT-RTD3816	3/8"×2	5/16"
JHT-RTD3858	3/8"×2	5/8"
JHT-RTD1216	1/2"×2	3/16"
JHT-RTD1238	1/2"×2	3/8"
JHT-RTD1258	1/2"×2	5/8"
JHT-RTD5814	5/8"×2	1/4"
JHT-RTD5838	5/8"×2	3/8"
JHT-RTD5834	5/8"×2	3/4"
JHT-RTD3416	3/4"×2	3/16"
JHT-RTD3458	3/4"×2	5/8"
JHT-RTD3478	3/4"×2	7/8"
JHT-RTD7858	7/8"×2	5/8"
JHT-RTD118	1-1/8"×2	5/8"
JHT-RTD118	1-1/8"×2	3/4"
JHT-RTD118	1-1/8"×2	7/8"



U-bend

PART CODE	Connection	Radius
JHT-CU14100	1/4"	1"
JHT-CU38112	3/8"	1-1/2"
JHT-CU12112	1/2"	1-1/2"
JHT-CU12300	1/2"	3"
JHT-CU58178	5/8"	1-7/8"
JHT-CU58200	5/8"	2"
JHT-CU58214	5/8"	2-1/4"
JHT-CU34212	3/4"	2-1/2"
JHT-CU78212	7/8"	2-1/2"
JHT-CU138300	1-3/8"	3"
JHT-CU138314	1-3/8"	3-1/4"
JHT-CU138400	1-3/8"	4"
JHT-CU112118	1-1/2"	1-1/8"
JHT-CU112114	1-1/2"	1-1/4"
JHT-CU158312	1-5/8"	3-1/2"
JHT-CU158412	1-5/8"	4-1/2"
JHT-CU218512	2-1/8"	5-1/2"



Copper Elbow 90°

PART CODE	Connection
JHT-CE14	1/4"
JHT-CE38	3/8"
JHT-CE12	1/2"
JHT-CE58	5/8"
JHT-CE34	3/4"
JHT-CE78	7/8"
JHT-CE100	1"
JHT-CE118	1-1/8"
JHT-CE114	1-1/4"
JHT-CE138	1-3/8"
JHT-CE112	1-1/2"
JHT-CE158	1-5/8"
JHT-CE134	1-3/4"
JHT-CE218	2-1/8"
JHT-CE258	2-5/8"



Copper Elbow-L

PART CODE	Connection
JHT-CEL14	1/4"
JHT-CEL38	3/8"
JHT-CEL12	1/2"
JHT-CEL58	5/8"
JHT-CEL34	3/4"
JHT-CEL78	7/8"
JHT-CEL100	1"
JHT-CEL118	1-1/8"
JHT-CEL114	1-1/4"
JHT-CEL138	1-3/8"
JHT-CEL112	1-1/2"
JHT-CEL158	1-5/8"
JHT-CEL134	1-3/4"
JHT-CEL218	2-1/8"
JHT-CEL258	2-5/8"



End Cap

PART CODE	Connection
JHT-CEC14	1/4"
JHT-CEC38	3/8"
JHT-CEC12	1/2"
JHT-CEC58	5/8"
JHT-CEC34	3/4"
JHT-CEC78	7/8"
JHT-CEC100	1"
JHT-CEC118	1-1/8"
JHT-CEC138	1-3/8"
JHT-CEC158	1-5/8"
JHT-CEC218	2-1/8"
JHT-CEC258	2-5/8"



Copper Male Adapter

PART CODE	SIZE	
	Male	Connection
JHT-CMA1418	1/4"	1/8"
JHT-CMA1414	1/4"	1/4"
JHT-CMA3818	3/8"	1/8"
JHT-CMA3814	3/8"	1/4"
JHT-CMA3838	3/8"	3/8"
JHT-CMA3812	3/8"	1/2"
JHT-CMA1214	1/2"	1/4"
JHT-CMA1238	1/2"	3/8"
JHT-CMA1212	1/2"	1/2"
JHT-CMA5814	5/8"	1/4"
JHT-CMA5838	5/8"	3/8"
JHT-CMA5812	5/8"	1/2"
JHT-CMA5834	5/8"	3/4"
JHT-CMA58100	5/8"	1"
JHT-CMA3412	3/4"	1/2"
JHT-CMA3434	3/4"	3/4"
JHT-CMA7834	7/8"	3/4"
JHT-CMA78100	7/8"	1"
JHT-CMA118100	1-1/8"	1"
JHT-CMA138114	1-3/8"	1-1/4"
JHT-CMA158112	1-5/8"	1-1/2"
JHT-CMA218200	2-1/8"	2"



Copper Female Adapter

PART CODE	SIZE	
	Female	Connection
JHT-CFA1414	1/4"	1/4"
JHT-CFA3838	3/8"	3/8"
JHT-CFA1214	1/2"	1/4"
JHT-CFA1212	1/2"	1/2"
JHT-CFA5814	5/8"	1/4"
JHT-CFA5838	5/8"	3/8"
JHT-CFA5834	5/8"	3/4"
JHT-CFA3412	3/4"	1/2"
JHT-CFA3434	3/4"	3/4"
JHT-CFA7834	7/8"	1/2"
JHT-CFA78100	7/8"	1"
JHT-CFA11812	1-1/8"	1/2"
JHT-CFA11834	1-1/8"	3/4"
JHT-CFA118114	1-1/8"	1-1/4"
JHT-CFA13834	1-3/8"	3/4"
JHT-CFA138100	1-3/8"	1"
JHT-CFA138112	1-3/8"	1-1/2"
JHT-CFA158114	1-5/8"	1-1/4"
JHT-CFA158200	1-5/8"	2"
JHT-CFA218112	2-1/8"	1-1/2"



Copper P-Trap

PART CODE	Connection
JHT-CPT12	1/2"
JHT-CPT58	5/8"
JHT-CPT34	3/4"
JHT-CPT78	7/8"
JHT-CPT118	1-1/8"
JHT-CPT138	1-3/8"
JHT-CPT158	1-5/8"
JHT-CPT218	2-1/8"



Copper Strap

PART CODE	Connection
JHT-CSP12	1/2"
JHT-CSP58	5/8"
JHT-CSP34	3/4"
JHT-CSP78	7/8"
JHT-CSP118	1-1/8"
JHT-CSP138	1-3/8"
JHT-CSP158	1-5/8"
JHT-CSP218	2-1/8"

Clamp Type Copper Pipe Fitting



PART NAME	ELBOW	COUPLING	TEE
Connection (IN)	5/8	5/8	5/8
	7/8	7/8	7/8
	1 1/8	1 1/8	1 1/8

Pipe Clamp Brackets

For Tube O.D 1/4" to 4"
Secure connection, wear-resistant & durable



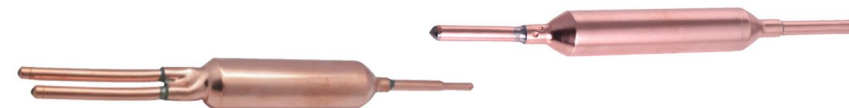
Copper Filter Drier



PART NO.	Tube Diameter (mm)	Tube Length (mm)	Inlet (In)	Outlet (In)
JHT-CS02	19	110	1/4"	2×1/8"
JHT-CS03	19	115	1/4"	3×1/8"
JHT-CS04	19	115	1/4"	4×1/8"



PART NO.	Molecular Sieve (g)	Tube Diameter (mm)	Tube Length (mm)	Inlet (mm)	Outlet (mm)
JHT-FD8	8	16	110	6.35	2.5
JHT-FD10	10	16	115	6.35	2.5
JHT-FD15	15	19	115	6.35	2.5
JHT-FD20	20	24	125	6.35	4.76
JHT-FD25	20	24	140	6.35	6.35
JHT-FD30	30	25.4	140	6.35	6.35
JHT-FD40	40	25.4	150	6.35	6.35



PART NO.	Molecular Sieve (g)	Tube Diameter (mm)	Tube Length (mm)	Copper Spun Tail (mm)
JHT-WFD10	10	19	110	Tube Dia.1/4"×Tube Length (40mm-60mm)
JHT-WFD15	15	19	120	
JHT-WFD20	20	24	120	
JHT-WFD25	25	24	140	
JHT-WFD30	30	25.4	150	
JHT-WFD40	40	25.4	160	



PART NO.	Molecular Sieve (g)	Tube Diameter (mm)	Tube Length (mm)	Copper Spun Tail (mm)
JHT-AFD25	25	25.4	140	Tube Dia.1/4"×Tube Length (40mm-60mm)
JHT-AFD30	30	25.4	150	

LOCKE RING TOOL

FRK-8 is especially designed for maintenance of refrigerator and freezer

Tube Dia. ≤ 5/16"

Tube Thk. ≤1mm

Advantages

It is flexible for all the spaces and no danger of combustion or explosion when repairing the R600a system



Part No.	Description (Inch)	Description (mm)	Tube Wall Thickness (mm)	
			Al	Cu
CAZ0201	0.072"	1.8	Standard	Standard
CAZ0202	0.087"	2.2		
CAZ0205	0.097"	2.5		
CAZ0308	1/8"	3.2		
CAZ0408	3/16"	4.76		
CAZ0608	1/4"	6.35		
CAZ0808	5/16"	7.94		
CAZ0908	3/8"	9.52		
CAZ1208	1/2"	12.7		
REDUCING COUPLING FOR REFRIGERATOR IS ALL AVAILABLE FROM 1.8MM TO 12.7MM				



Part No.	Description (Inch)		Description (mm)		Tube Wall Thickness (mm)	
					Al	Cu
CAZ0911	3/8"	1/4"	9.52	6.35	0.8	0.8
CAZ1513	5/8"	1/4"	15.88	6.35	1.0	0.8
CAZ1512	5/8"	3/8"	15.88	9.52	1.0	0.8
CAZ1511	5/8"	1/2"	15.88	12.7	1.0	0.8
CAZ2214	7/8"	3/8"	22.22	9.52	1.2	1.0
CAZ2213	7/8"	1/2"	22.22	12.7	1.2	1.0
CAZ2212	7/8"	5/8"	22.22	15.88	1.3	1.0
CAZ2211	7/8"	3/4"	22.22	19.05	1.3	1.0
CAZ2811	1 1/8"	1"	28.6	25.4	1.5	1.0



Part No.	Description (Inch)		Description (mm)	Tube Wall Thickness (mm)	
				Al	Cu
CAZ0911	1/4"		6.35	0.8	0.8
CAZ1513	5/16"		7.94	1.0	0.8
CAZ1512	3/8"		9.52	1.0	0.8
CAZ1511	1/2"		12.7	1.0	0.8
CAZ2214	5/8"		15.88	1.2	1.0
CAZ2213	3/4"		19.05	1.2	1.0
CAZ2212	7/8"		22.22	1.3	1.0
CAZ2211	1"		25.4	1.3	1.0
CAZ2811	1 1/8"		28.6	1.5	1.0

DIGITAL MANIFOLD



MG-10

MODEL	MG-100	MG-10
Pressure Range	-14.5~800PSI	-14.5~800PSI
Accuracy	±0.5%F5	±0.5%F5
Resolution	0.5PSI	0.5PSI
Temperature Range	-50°C~150°C/-58°F~302°F	\
Temperature Accuracy	±0.5°C/±0.9°F	\
Temperature Resolution	0.1°C/0.2°F	\
Temperature Units	°C/°F	\
Pressure Units	Kpa,Mpa,Psi,InHg,Bar,Kg/cm	
Operation Temperature and Humidity	-10~50°C;35%~85% RH	
Battery	3#AA	
Refrigerant	88 Types	



JHT-D468S-L

JHT-D468S-H



JHT-DSMG-1L

JHT-DSMG-1H

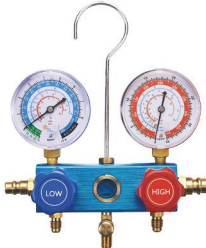
Aluminum Manifold Set



JHT-436A



JHT-436B



JHT-436C



JHT-436D

- Features:**
- High Quality Aluminum Valve Body
 - Gentle And Comfortable Design Hand Knob Structure
 - Prevalent Streamline Design Pressure Gauge
 - Durable Quality Product
 - High Quality Charging Hose Included
 - Black,Red,Silver Colour Optional

PART NO	REFRIGERANTS	LENGTH	CONNECTION	PACKAGE
JHT-436A	R12,R22,R502	36" 60" 72"	1/4"	BLOW CASE/ BOX/ BLISTER
	R134A		1/4"	
	R410A		1/4" & 5/16"	
JHT-436B	R12,R22,R502	36" 60" 72"	1/4"	
	R134A		1/4"	
	R410A		1/4" & 5/16"	
JHT-436C	R12,R22,R502	36" 60" 72"	1/4"	
	R134A		1/4"	
	R410A		1/4" & 5/16"	
JHT-436D	R12,R22,R502	36" 60" 72"	1/4"	
	R134A		1/4"	
	R410A		1/4" & 5/16"	

With/without Rubber Shield Cover On The Gauges To Absorb Physical Shock And Protect The Gauges

Brass Manifold Set



JHT-536A



JHT-536B



JHT-636A



JHT-636B

- Features:**
- High Quality Brass Valve Body
 - Gentle And Comfortable Design Hand Knob Structure
 - Prevalent Streamline Design Pressure Gauge
 - Durable Quality Product
 - High Quality Charging Hose Included

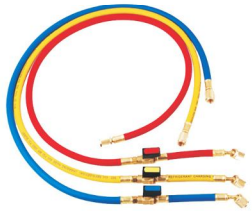
PART NO	REFRIGERANTS	LENGTH	CONNECTION	PACKAGE
JHT-536A	R12,R22,R502	36" 60" 72"	1/4"	BLOW CASE/ BOX/ BLISTER
	R134A		1/4"	
	R410A		1/4" & 5/16"	
JHT-536B	R12,R22,R502	36" 60" 72"	1/4"	
	R134A		1/4"	
	R410A		1/4" & 5/16"	
JHT-636A	R12,R22,R502	36" 60" 72"	1/4"	
	R134A		1/4"	
	R410A		1/4" & 5/16"	
JHT-636B	R12,R22,R502	36" 60" 72"	1/4"	
	R134A		1/4"	
	R410A		1/4" & 5/16"	

With/without Rubber Shield Cover On The Gauges To Absorb Physical Shock And Protect The Gauges

CHARGING HOSE



PART NO	REFRIGERANTS	LENGTH	CONNECTION
JHT-CH36L	R12,R22,R502	36"	1/4"
JHT-CH36M	R134A	36"	1/4"
JHT-CH36H	R410A	36"	1/4" & 5/16"
JHT-CH60L	R12,R22,R502	60"	1/4"
JHT-CH60M	R134A	60"	1/4"
JHT-CH60H	R410A	60"	1/4" & 5/16"
JHT-CH72L	R12,R22,R502	72"	1/4"
JHT-CH72M	R134A	72"	1/4"
JHT-CH72H	R410A	72"	1/4" & 5/16"



PART NO	REFRIGERANTS	LENGTH	CONNECTION
JHT-CHB36L	R12,R22,R502	36"	1/4"
JHT-CHB36M	R134A	36"	1/4"
JHT-CHB36H	R410A	36"	1/4" & 5/16"
JHT-CHB60L	R12,R22,R502	60"	1/4"
JHT-CHB60M	R134A	60"	1/4"
JHT-CHB60H	R410A	60"	1/4" & 5/16"
JHT-CHB72L	R12,R22,R502	72"	1/4"
JHT-CHB72M	R134A	72"	1/4"
JHT-CHB72H	R410A	72"	1/4" & 5/16"



PART NO	REFRIGERANTS	LENGTH	CONNECTION
JHT-E-CHB36L	R12,R22,R502	8"	1/4"
JHT-E-CHB36M	R134A	8"	1/4"
JHT-E-CHB36H	R410A	8"	1/4" & 5/16"



JHT-135
Adapter Size:1/4"*1/4",1/4"*3/16",1/4"*1/8"
Hose Size:1/4"*1/8",1/4"*3/16"



JHT-138
3PCS Adapters + JHT-135

CHARGING TOOLS



JHT-F-001
1/2ACME For R134A



JHT-F-002
1/4SAE For R12/R22/R134A



JHT-GF-003
1/4SAE For Nitrogen



JHT-GF-001
1/2ACME For R134A



JHT-GF-002
1/4SAE For R12/R22/R134A

Core Remover



JHT-QMX-1



JHT-QMX-2



JHT-QMX-3



JHT-QMX-4 JHT-QMX-5

Single Gauge Manifold



PART NO	REFRIGERANTS	CONNECTION	GAUGE DIA
JHT-466 (H/L)	R12,R22,R502	1/4"	68mm
	R134A		
	R410A		
With/without Rubber Shield Cover On The Gauges To Absorb Physical Shock And Protect The Gauges			



PART NO	REFRIGERANTS	CONNECTION	GAUGE DIA
JHT-468 (H/L)	R12,R22,R502	1/4"	68mm
	R134A		
	R410A		
With/without Rubber Shield Cover On The Gauges To Absorb Physical Shock And Protect The Gauges			



PART NO	REFRIGERANTS	CONNECTION	GAUGE DIA
JHT-468S (H/L)	R12,R22,R502	1/4"	68mm
	R134A		
	R410A		
With/without Rubber Shield Cover On The Gauges To Absorb Physical Shock And Protect The Gauges			

Quick Coupler

Features:

- High Quality Brass Body
- High Quality Bright Nickel Plating
- Durable Quality Product



QC-1234L/H



QC-L/H



QC-12L/H



QC-15L/H



QC-LM/HM

Can Tap Valve


JHT-338/338A
For R22

JHT-339/339A
For R134A

JHT-340/340A
For All Gas

JHT-341
For R22/R134A/R410

JHT-342
For R134A

JHT-345 (1/4"SAE*1/4"SAE)
JHT-346 (1/4"SAE*5/16"SAE)
JHT-347 (5/16"SAE*5/16"SAE)
Refrigerant Charging Control Valve
For R22/R404/R107/R410A/R32


JHT-028



JHT-026



Part No	Size
JHT-NV-01	1/4",5/16",3/8"



Part No	Size
JHT-NV-02	1/4",3/8"



Part No	Size
JHT-NV-03	1/2",5/8"



Part No	Size
JHT-NV-04	1/4",5/16",3/8"



Part No	Size
JHT-CTV-08	1/4"



Part No	Size
JHT-CTV-09	1/4"



Part No	Size
JHT-NV-05	1/4"

Gas Charging Gun R134a

JHT-GCG01

R134a Quicker Coupler
1/2 ACME

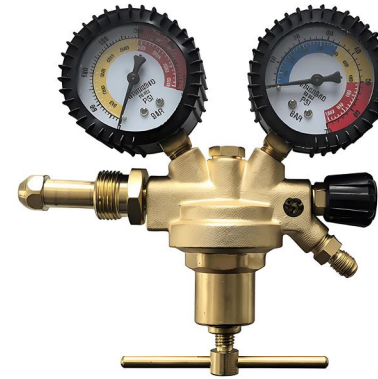


Portable Welding&Cutting Outfit

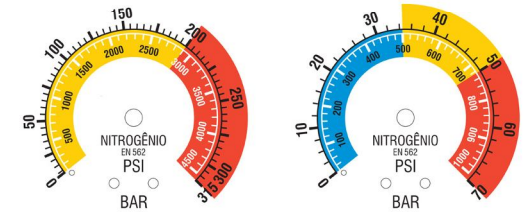
- Durable & Practical
- Oxygen Regulator
- Acetylene Regulator
- Torch Handle
- Welding Tip
- Oxygen Cylinder 4L (empty)
- Acetylene Cylinder 2L (empty)
- Twin Hose 1/4" With Fitting
- Welding Goggle
- Spark Lighter
- Red Frame
- Cutting Attachment
- Cutting Nozzle



Nitrogen Pressure Relief Valve



JHT-RH4500



Anti Blow Back

JHT-ATB01



JHT-RH5600



JHT-RH5700

Tube Cutter

Tube Bender



CT-127A
1/8"-5/8"
(3-16mm) O.D.



CT-127B
1/8"-5/8"
(3-16mm) O.D.



CT-128
1/8"-7/8"
(3-22mm) O.D.



CT-174
1/8"-1 1/8"
(3-28mm) O.D.



CT-273
1/8"-3/4"
(4-19mm) O.D.



CT-274
1/8"-1 1/8"
(3-28mm) O.D.



CT-1030
1/8"-1 1/8"
(3-28mm) O.D.



CT-1031
1/8"-1 1/8"
(3-30mm) O.D.



CT-1032
1/8"-1 1/4"
(3-32mm) O.D.



CT-1021
1/8"-1 1/4"
(3-32mm) O.D.



CT-1033
1/4"-1 3/8"
(6-35mm) O.D.



CT-1034
1/8"-1 3/4"
(6-45mm) O.D.



CT-105
1/8"-1 1/8"
(3-35mm) O.D.



CT-106
1/8"-1 1/4"
(3-32mm) O.D.



CT-107
1/4"- 2"
(6-50mm) O.D.



CT-312
1/4"-1 5/8"
(6-42mm) O.D.



CT-216
1/4"- 2 5/8"
(6-67mm) O.D.



CT-101
Tube Cutter Blade



CT-111
15mm



CT-112
22mm



CT-113
28mm



CT-111B
15mm



CT-112B
22mm



CT1060
1 5/8" (42mm)
PVC Pipe Cutter



CT-366



CT-368



CT-369



CT-369FHA



CT-364-04



CT-364-05



CT-364-06



CT-364-08



CT-364-09



CT-364-10



CT-364-12



CT-364-14



CT-5060A



CT-5060B



CT-5065

MODEL	PRODUCT NAME	SPECIFICATION
CT-366A/M	180° 2-in-1 Tube Bender	1/4" 5/16" (6mm 8mm)
CT-368A/M	90° 3-in-1 Tube Bender	1/4" 5/16" 3/8" (6mm 8mm 10mm)
CT-369A/M	180° 3-in-1 Tube Bender	1/4" 5/16" 3/8"
CT-369FHA	180° 4-in-1 Tube Bender	3/16" 1/4" 5/16" 3/8"
CT-364-04A/M	Tube Bender	1/4" 6mm
CT-364-05A/M		5/16" 8mm
CT-364-06A/M		3/8" 10mm
CT-364-08A/M		1/2" 12mm
CT-364-09A/M		9/16" 14mm
CT-364-10A/M		5/8" 16mm
CT-364-12A/M		3/4" 19mm
CT-364-14A/M		7/8" 22mm
CT-5060A	90° 2-in-1 Tube Bender	19/32" 7/8" (15mm 22mm)
CT-5060B	90° 2-in-1 Tube Bender	19/32" 7/8" (15mm 22mm)
CT-5065	90° 2-in-1 Tube Bender	3/4" 1" (19mm 25mm)

Hydraulic Tube Expander



CT-300A

Manual hydraulic mechanism designed can expand from 10mm to 42mm O.D. Tubing easily with less effort.

Used for soft copper tube, aluminum tube, titanium tube, soft steel and other soft tube.

Expander segments are made of high-quality hardened steel.



CT-300AL

MODEL	PRODUCT NAME	SPECIFICATION
CT-300A	CT-300A+CT-107+CT-209	For Inch: 3/8,1/2,5/8,3/4,7/8,1.1-1/8 O.D. Tubing
CT-300M	CT-300M+CT-107+CT-209	For Metric: 10,12,16,19,22,25,28mm O.D. Tubing
CT-300AL	CT-300A+WK650+CT-207+CT-209+CT-300PL	For Inch: 3/8,1/2,5/8,3/4,7/8,1.1-1/8,1-1/4,1-3/8,1-1/2,1-5/8 O.D. Tubing
CT-300ML	CT-300M+WK650+CT-207+CT-209+CT-300PL	For Metric: 10,12,16,19,22,25,28,32,35,38mm O.D. Tubing

Tube Bender



CT-999



CT-999R



CT-999F



CT-999RF

MODEL	PRODUCT NAME	SPECIFICATION
CT-999	CT-999+CT-274+CT-207	For Inch: 1/4,5/16,3/8,1/2,5/8,3/4,7/8 O.D. Tubing For Metric: 6,8,10,12,16,19,22mm O.D. Tubing In Blow-molde carrying case (Fibre Wheel)
CT-999R	CT-999+CT-274+CT-207	For Inch: 3/8,1/2,5/8,3/4,7/8 O.D. Tubing For Metric: 10,12,16,19,22mm O.D. Tubing With special reverse direction bending function In Blow-molde carrying case (Fibre Wheel)
CT-999F	CT-999F+CT-274+CT-207	For Inch: 1/4,5/16,3/8,1/2,5/8,3/4,7/8 O.D. Tubing For Metric: 6,8,10,12,16,19,22mm Tubing In Blow-molde carrying case (Aluminum Alloy Wheel)
CT-999RF	CT-999F+CT-274+CT-207	For Inch: 3/8,1/2,5/8,3/4,7/8 O.D. Tubing For Metric: 10,12,16,19,22mm O.D. Tubing With special reverse direction bending function In Blow-molde carrying case (Aluminum Alloy Wheel)

Flaring Tool



CT-103



CT-203



CT-191



CT-195/196



CT-525



CT-275



CT-277



CT-278



CT-2026



CT-99



CT-93AM



CT-1226



CT-1227

MODEL	PRODUCT NAME	SPECIFICATION
CT-103A/M	45° Flaring Tool	7/8" 1" 1-1/8" (22 25 28mm)
CT-203A/M	45° Flaring Tool	5/8" 3/4" 7/8" 1-1/8" (16 19 22 28mm)
CT-191A/M	45° Flaring Tool	3/16" 1/4" 5/16" 3/8" 7/16" 1/2" 5/8" (5 6 8 10 12 14 16mm)
CT-195A/M	45° Flaring Tool	3/16" 1/4" 5/16" 3/8" 7/16" 1/2" 5/8" (5 6 8 10 12 14 16mm)
CT-196A/M	45° Flaring Tool	3/16" 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" (5 6 8 10 12 16 19mm)
CT-525	Grabber Flaring Tool	3/16"-5/8" (5mm-16mm)
CT-275	Flaring Tool	Flare: 1/8" 3/16" 1/4" 5/16" 3/8" 7/16" 1/2" 5/8" 3/4" Swage: 3/16" 1/4" 5/16" 3/8" 1/2" 5/8" 3/4"
CT-277	Flaring Tool	CT-275 & CT-274
CT-278	Flaring Tool	CT-275 & CT-274 & CT-122
CT-2026A/M	Double Flaring Tool	3/16" 1/4" 5/16" 3/8" 7/16" 1/2" 5/8" (5 6 8 10 12 14 16mm)
CT-99	Flaring Tool	Flare&Swage: 1/4" 5/16" 3/8" 1/2" (5 6 8 10 12 16 19mm)
CT-93AM	Flaring Tool	Flare: 3/16" 1/4" 3/8" 1/2" 5/8" 3/4" (6 8 10 12 14 15mm)
CT-1226A/M	45° Flaring Tool	3/16" 1/4" 5/16" 3/8" 7/16" 1/2" 5/8" (5 6 8 10 12 14 16mm) & CT-274
CT-1227A/M	45° Flaring Tool	CT-1226A/M & 7 Flat Header

45° Eccentric Flaring Tool



CT-806A/CT-806M



CT-808A/CT-808M



CT-806-S



CT-806-L



CT-808-S



CT-808-L



CT-806AM-L



CT-806-AM-F



CT-808AM-L



CT-808AM-F

MODEL	PRODUCT NAME	SPECIFICATION
CT-806A	45° Eccentric Cone Type Flaring Tool	1/4" 5/16" 3/8" 1/2" 5/8" 3/4"
CT-806M	45° Eccentric Cone Type Flaring Tool	6mm 8mm 10mm 12mm 16mm 19mm
CT-806A-S	CT-806A & CT-274	1/4" 5/16" 3/8" 1/2" 5/8" 3/4"
CT-806M-S	CT-806M & CT-274	6mm 8mm 10mm 12mm 16mm 19mm
CT-806A-L	CT-806A & CT-274 & CT-208	1/4" 5/16" 3/8" 1/2" 5/8" 3/4"
CT-806M-L	CT-806M & CT-274 & CT-208	6mm 8mm 10mm 12mm 16mm 19mm
CT-806AM-L	CT-806AM & CT-274 & CT-208	1/4" 5/16" 3/8" 1/2" 5/8" 3/4" & 6 8 10 12 16 19mm
CT-806AM-F	CT-806AM & CT-274 & CT-208	1/4" 5/16" 3/8" 1/2" 5/8" 3/4" & 6 8 10 12 16 19mm Square Case
CT-808A	45° Eccentric Cone Type Flaring Tool	1/4" 5/16" 3/8" 1/2" 5/8" 3/4"
CT-808M	45° Eccentric Cone Type Flaring Tool	6mm 8mm 10mm 12mm 16mm 19mm
CT-808A-S	CT-808A & CT-274	1/4" 5/16" 3/8" 1/2" 5/8" 3/4"
CT-808M-S	CT-808M & CT-274	6mm 8mm 10mm 12mm 16mm 19mm
CT-808A-L	CT-808A & CT-274 & CT-208	1/4" 5/16" 3/8" 1/2" 5/8" 3/4"
CT-808M-L	CT-808M & CT-274 & CT-208	6mm 8mm 10mm 12mm 16mm 19mm
CT-808AM-L	CT-808AM & CT-274 & CT-208	1/4" 5/16" 3/8" 1/2" 5/8" 3/4" & 6 8 10 12 16 19mm
CT-808AM-F	CT-808AM & CT-274 & CT-208	1/4" 5/16" 3/8" 1/2" 5/8" 3/4" & 6 8 10 12 16 19mm Square Case



MODEL	PRODUCT NAME	SPECIFICATION
CT-208A	Tube Reamer	3*16"- 1 1/2" (5mm-38mm)
CT-208B		3*16"- 1 1/2" (5mm-38mm)
CT-209A		3*16"- 1 1/2" (5mm-38mm) Zinc Alloy
CT-209B		3*16"- 1 5/8" (4mm-42mm) ABS
CT-207	Deburrer	
CT-207B	Deburrer Blade	
CT-1104	Capillary Tube Cutter	≤3mm
CT-1105	Capillary Tube Cutter	≤9mm
CT-1107	Capillary Tube Cutter	0.1mm-3.0mm



CT-102



CT-202

MODEL	PRODUCT NAME	SPECIFICATION
CT-102-L	Spring Tube Bender	1/4" 5/16" 3/8" 1/2" 5/8"
CT-102-04		1/4"
CT-102-06		3/8"
CT-102-08		1/2"
CT-102-10		5/8"
CT-102-12		3/4"
CT-102-14		7/8"
CT-202	Inner Spring Tube Bender	15mm 20mm 25mm 32mm



CT-361

Spanner For Install & Take Down Air Conditioner

Hand Torch



MODEL	PRODUCT NAME	SPECIFICATION
CT-501	Inspect Mirror	Mirror O.D. 32mm & Pole Dia 8mm Length 127mm-500mm
CT-502	Inspect Mirror	Mirror O.D. 50mm & Pole Dia 10mm Length 200mm-410mm
CT-503	Pick Up Tools	Pole Length 126mm-637mm



CT-201

CT-201B

CT-204

CT-351

CT-352

CT-22

CT-23



CT-122/123



CT-122L/123L



CT-122B/123B



CT-122BL/123BL



CT-94/95/96



CT-N96



CT-193

MODEL	PRODUCT NAME	SPECIFICATION
CT-201	Pinch off plier	≤6mm
CT-201B	Pinch off plier	≤6mm
CT-204	Pinch off plier	≤10mm
CT-351	Fin Straightener	6 8 10 12 14 15
CT-352	Strainless Steel Fin Straightener	
CT-22	Tube Expander	1/4" 5/16" 3/8' 1/2" 5/8" 3/4" 7/8" & (6 8 10 12 16 19 22mm)
CT-23	Tube Expander	1/4" 5/16" 3/8' 1/2" 5/8" 3/4" 7/8" & (6 8 10 12 16 19 22mm)
CT-122/CT-122B	Ratchet Wrench	3/16" 1/4" 5/16" 3/8"
CT-122L/CT-122BL		
CT-123/CT-123B		
CT-123L/CT-123BL		
CT-94	Swaging Punch	1/2" 5/8" 7/8"
CT-95		1/4" 5/16" 3/8' 1/2" 5/8"
CT-96		1/4" 5/16" 3/8' 1/2" 5/8" 3/4"
CT-N96		1/4" 5/16" 3/8' 1/2" 5/8" 3/4"
CT-193	Swaging Punch Set	1/4" 5/16" 3/8' 1/2" 5/8"

Self-Ignition Hand Torch JH-6S



FEATURES

- Torch ignited instantly
- High flame temperature up to 3600°F
- Redesigned handle for comfortable use
- Tip spins 360° for various jobs
- Stainless steel tip for free from damage when dropping
- Multiple locking design for safe and reliable use
- The main parts are made of Brass, and no Aluminum is used
- For use with MPPP or Propane gases
- Available with 1.5m hose
- JH-6SH: Hose irreplaceable
- JH-6SHR: Hose replaceable

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Hand Torch JH-1



FEATURES

- Tip spins 360° for various jobs
- High flame temperature up to 3600°F
- Shorter welding time and less gas consumption
- The main parts are made of Brass, and no Aluminum is used
- For use with MPPP or Propane gases

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Self-Ignition Hand Torch JH-1S



FEATURES

- Easy ignition with self-ignition
- Tip spins 360° for various jobs
- Brass tip for luxury look
- High flame temperature up to 3600°F
- The main parts are made of Brass, and no Aluminum is used
- For use with MPPP or Propane gases

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Hand Torch JH-3W



FEATURES

- 1.5m hose with handle for easy use
- Cylinder clip is available
- High flame temperature up to 3600°F
- Shorter welding time and less gas consumption
- The main parts are made of Brass, and no Aluminum is used
- For use with MAPP or Propane gases

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Self-Ignition Hand Torch JH-6ST



FEATURES

- Torch ignited instantly
- High flame temperature up to 3600°F
- Redesigned handle for comfortable use
- Tip spins 360° for various jobs
- Brass tip for luxury look
- Shorter welding time and less gas consumption
- Multiple locking design for safe and reliable use
- The main parts are made of Brass, and no Aluminum is used
- For use with MPPP or Propane gases
- Available with 1.5m hose
- JH-6SH: Hose irreplaceable
- JH-6SHR: Hose replaceable

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Self-Ignition Hand Torch JH-1S



FEATURES

- Easy ignition with self-ignition
- Tip spins 360° for various jobs
- High flame temperature up to 3600°F
- Shorter welding time and less gas consumption
- The main parts are made of Brass, and no Aluminum is used
- For use with MPPP or Propane gases

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Hand Torch JH-1D2



FEATURES

- Dual tips generate more heat
- Capable of soldering and brazing bigger tubes
- Both the bent tube and tips spin 360° for various jobs
- High flame temperature up to 3600°F
- Shorter welding time and less gas consumption
- The main parts are made of Brass, and no Aluminum is used
- For use with MPPP or Propane gases

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Self-Ignition Hand Torch JH-3SW



FEATURES

- Easy ignition with self-ignition
- 1.5m hose with handle for easy use
- Cylinder clip is available
- High flame temperature up to 3600°F
- Shorter welding time and less gas consumption
- The main parts are made of Brass, and no Aluminum is used
- For use with MAPP or Propane gases

APPLICATION

- For soldering and brazing in HVAC, Jewelry, Electricity and Transportation.

Brazing Flux

For brazing & soldering applications.
A general purpose brazing flux,
good fluidity provides excellent joint penetration,
good dispensing performance and is cosmetically superior.
Use with copper, brass, stainless steel, carbide and heavy parts.



Model	Type	Active Temperature	Size
FB-102	Paste	600°C to 850°C	1000g Jar
FB-308	Powder	600°C to 750°C	500g Jar

Solder

For professional brazing,
soldering and welding applications.

RoHS compliant
High quality solders are suitable for copper pipe joint installations
and gap soldering in HVAC/R applications where no fittings are used.



Alloy	Chemical Composition	AWS A5.8 Class	Melting Range		Recommended Application
			Solidus	Liquidus	
BCu93P	Silver - 0% Copper - 92.9% Phosphorus - 7.1%	BCuP-2	1310 °F 710 °C	1475 °F 802 °C	For copper, requires medium fit-up Clearance range: 0.022-0.007"
BCu91PAg	Silver - 2% Copper - 91% Phosphorus - 7%	BCuP-6	1190 °F 643 °C	1450 °F 788 °C	For copper or brass Clearance range: 0.022-0.005"
BCu89PAg	Silver - 5% Copper - 89% Phosphorus - 6%	BCuP-3	1190 °F 643 °C	1500 °F 816 °C	For copper or brass, used to bridge gaps where close fit-up can't be maintained
BCu80PAg	Silver - 15% Copper - 80% Phosphorus - 5%	BCuP-5	1190 °F 643 °C	1480 °F 804 °C	For copper or brass, useful for wide clearance 0.002 - 0.006", good ductility
BAG30CuZn	Silver - 30% Copper - 38% Zinc - 32%	BAG-20	1250 °F 677 °C	1410 °F 766 °C	Use with ferrous and non-ferrous base metals, flow suitable for bridging gaps
BAG45CuZn	Silver - 45% Copper - 30% Zinc - 25%	BAG-5	1225 °F 663 °C	1370 °F 743 °C	General purpose filler for steel and copper alloys, melting range useful for wide clearances
BAG50CuZn	Silver - 30% Copper - 38% Zinc - 32%	BAG-6	1270 °F 688 °C	1425 °F 774 °C	Often used to braze galvanized steel but suitable for bridging gaps in other ferrous and non-ferrous metals
BAG56CuZn	Silver - 30% Copper - 38% Zinc - 32%	BAG-7	1145 °F 618 °C	1205 °F 652 °C	For ferrous and non-ferrous alloys, often used to braze stainless steel for food service

Flux Cored Wire



PART NAME	MODEL	BRAZING TEMPERATURE	SIZE	PACKING
Copper cored wire	JHT-AL02	420-480	Φ1.6-3.0	0.5kg/Coil 1kg/Coil 2kg/Coil 5kg/Coil
Aluminium cored wire	JHT-AL01	577-582	Φ1.6-3.0	1kg/Coil 2kg/Coil 5kg/Coil

Insulated Tube



SPECIFICATION(IN)	OUTER DIA×WALL THK (MM)	I.D. OF INSULATION (MM)	WALL THK OF INSULATION (MM)	LENGTH OF INSULATION (MM)
1/4×3/8	6.35×0.75/9.52×0.8	Φ8(±5)/Φ12(±5)	8~12	1~50
1/4×1/2	6.35×0.8/12.7×0.8	Φ8(±5)/Φ14(±5)	8~12	1~50
1/4×5/8	6.35×0.8/15.88×1.0	Φ8(±5)/Φ18(±5)	8~12	1~50
3/8×5/8	9.52×0.8/15.88×1.0	Φ12(±5)/Φ18(±5)	8~12	1~50
3/8×3/4	9.52×0.8/19.05×1.0	Φ12(±5)/Φ22(±5)	8~12	1~50
1/2×3/4	12.7×0.8/19.05×1.0	Φ14(±5)/Φ22(±5)	8~12	1~50

Capillary Tube



OUTER DIAMETER		INNER DIAMETER		SECTIONAL AREA OF TUBE BORE		LENGTH/WEIGHT		
INCH	MM	INCH	MM	INCH ²	MM ²	15M	30M	20KG
0.072	1.83	0.028	0.711	0.0006158	0.397	⊙	⊙	⊙
0.081	2.06	0.031	0.787	0.0007548	0.487	⊙	⊙	⊙
0.087	2.21	0.036	0.914	0.001018	0.657	⊙	⊙	⊙
0.093	2.36	0.042	1.07	0.001385	0.893		⊙	⊙
0.097	2.47	0.046	1.17	0.001662	1.07		⊙	⊙
0.106	2.69	0.054	1.37	0.00229	1.48		⊙	⊙
0.112	2.84	0.059	1.5	0.002734	1.76			⊙
0.125	3.18	0.07	1.78	0.003848	2.48			⊙

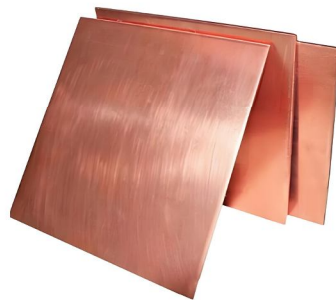
Pancake Coil



Product Feature:
Single layer,double layer,multi layer,easy to installation

Application notes:
Mainly used for insulated tube,Air conditioning & Refrigeration spare parts,etc.

OUTER DIAMETER		WALL THICKNESS		TYPE		
INCH	MM	INCH	MM	15M	30M	>30M
3/16	4.76	0.014~0.035	0.36~0.89	Single Layer	Double Layer	Double Layer
1/4	6.35					
5/16	7.94					
3/8	9.52					
1/2	12.7	0.02~0.045	0.51~1.14	Double Layer	Double Layer	Double Layer
5/8	15.88					
3/4	19.05	0.024~0.058	0.61~1.5	Double Layer	Double Layer	Double Layer
7/8	22.23					
1-1/8	28.58					



Copper Plate

ITEM	Copper Plate,Copper Sheet,Handmade Copper Plate,Copper Bright Plate.
Material	All types is available
Standard	GB/T5231-2001 GB/T1527-2006 JISH3100-2006 JISH3250-2006 JISH3300-2006 ASTMB152M-06 ASTMB187 ASTMB-02 ASTMB42 etc.
Thickness	1mm-200mm
Width	1mm-2500mm
Length	10mm-12000mm or as required
Surface	Mill,Polished,Bright,Hair Line,Mirror,Brush,Antique,Sand Blast etc.

Straight Copper Tube



Product Feature:
Can be cutted into sizes according to customer's requirements

Application notes:
Mainly used in Air cooling system,Refrigerator,refrigeration unit,building water pipe,generator unit,etc.

OUTER DIAMETER		WALL THICKNESS			GROSS WEIGHT		
INCH	MM	TYPE K	TYPE L	TYPE M	TYPE K	TYPE L	TYPE M
		MM	MM	MM	KGS/M	KGS/M	KGS/M
3/8	9.52	0.89	0.76		0.216	0.187	
1/2	12.7	1.24	0.89	0.64	0.398	0.295	0.217
5/8	15.88	1.24	1.02	0.71	0.508	0.425	0.302
3/4	19.05	1.24	1.07		0.618	0.539	
7/8	22.22	1.65	1.14	0.81	0.95	0.673	0.486
1-1/8	28.58	1.65	1.27	0.89	1.244	0.972	0.69
1-3/8	34.92	1.65	1.4	1.07	1.537	1.314	1.014
1-5/8	41.28	1.83	1.52	1.24	2.021	1.693	1.39
2-1/8	53.98	2.11	1.78	1.47	3.065	2.602	2.162
2-5/8	66.68		2.03	1.65		3.675	3.005
3-1/8	79.38		2.29	1.83		4.943	3.974
4-1/8	104.78		2.79	2.41		7.968	6.908
5-1/8	130.18		3.18	2.77		11.308	9.882
6-1/8	155.58		3.56	3.1		15.154	13.236

Brass Tube



THK (IN)	0.019~0.023	0.023~0.031	0.031~0.039	0.039~0.047	0.047~0.059	0.059~0.078	0.078~0.12	0.12~0.16
O.D.(IN)								
1/4~1/2	⊙	⊙	⊙	⊙	⊙			
1/2~3/4	⊙	⊙	⊙	⊙	⊙	⊙		
3/4~1		⊙	⊙	⊙	⊙	⊙	⊙	⊙
1~1-3/8			⊙	⊙	⊙	⊙	⊙	⊙
1-3/8~2				⊙	⊙	⊙	⊙	
2~2-3/4				⊙	⊙	⊙	⊙	

Rotary Compressor For Air Conditioner



CONVERSION TABLE

- 1.W×3.412=Btu/h
- 2.Kcal/h×1.163=W
- 3.Kcal/h×3.968=Btu/h
- 4.W×0.864=Kcal/h
- 5.EER=C.O.P×3.412

TEST CONDITIONS ASHRAE

- EVAPORING TEMP: 23.3℃
- AMBIENT TEMP: 32.2℃
- SUCTION TEMP: 32.2℃
- SUBCOOLING TEMP: 32.2℃
- CONDENSING TEMP: 54.5℃

R22 1ø-50Hz-220/240V

Model	Displ.	Capacity	Capacity	Power	COP	Capacitor	Height	Discharge Pipe	Suction Pipe I.D.
	cm3/rev	W	Btu/h	W	w/w	uF/V	mm	mm	mm
PH60G0C-4BZDE	6	985	3361	345	2.86	20/370	241	6.5	9.8
PH104G0C-4BZDE	10.4	1745	5954	580	3.01	25/370	259	6.5	9.8
PH108G0C-4BZDE	10.8	1820	6214	590	3.1	25/370	259	6.5	9.8
PH122M0A-4FZ	12.2	2113	7225	664	3.18	30/370	270	6.5	9.8
PH130M0A-4FZ	13	2243	7670	705	3.18	30/370	270	6.5	9.8
PH135M0A-4FZ	13.4	2317	7923	728	3.18	30/370	270	6.5	9.8
PH145M0A-4FZ	14.6	2535	8670	797	3.18	30/370	270	8.2	12.9
HSM185V2UFT	18.5	3260	11117	1035	3.15	35/370	294	8.2	12.9
HSM190V2UFT	19.1	3360	11458	1070	3.15	35/370	294	8.2	12.9
HSM195V2UFT	19.6	3450	11765	1195	3.15	35/370	294	8.2	12.9
HSM200V2UFT	20	3480	11867	1105	3.15	35/370	294	8.2	12.9
HSM210V2UFT	20.9	3630	12378	1150	3.15	35/370	294	8.2	12.9
HSM215V2UFT	21.4	3680	12549	1170	3.15	35/370	294	8.2	12.9
PH225M2A-4FT	22.4	3915	13357	1265	3.1	35/400	293	8.2	12.9
PH240M2A-4FT1	24	4195	14346	1353	3.1	35/400	293	8.2	12.9
PH290M2A-4FT1	28.8	5090	17367	1650	3.08	35/370	348	9.8	12.9
PH295M2AS-4KUHI	29.7	5350	18253	1715	3.12	45/370	348	9.8	12.9
PH300G2C-4MU1	29.8	5340	18220	1645	3.25	55/400	297	9.8	12.9
PH310G2C-4KU1	30.8	5515	18817	1695	3.25	55/400	310	9.8	12.9
PH340G2C-4KU1	33.7	6030	20574	1865	3.23	60/400	310	9.8	12.9
PH360G2C-4MU1	36	6450	22007	2010	3.2	50/400	324	9.8	16.2
PH370G2CS-4MU1	37	6650	22690	2065	3.22	50/400	324	9.8	16.2
PH420G2AS-4MU1	42	7465	25471	2300	3.25	60/400	310	9.8	12.9
PH430G2AS-4MU1	42.6	7575	25846	2355	3.22	60/400	310	9.8	12.9
PH440G2AS-4MU1	43.6	7720	26341	2395	3.22	60/400	324	9.8	16.2
PH460X3CS-4MU1	45.9	8060	27501	2600	3.1	55/400	397	9.8	16.2
PH480X3CS-4MU1	47.9	8460	28866	2730	3.1	55/400	397	9.8	16.2

R22 1ø-60Hz-208/230V

Model	Displ.	Capacity	Capacity	Power	COP	Capacitor	Height	Discharge Pipe I.D.	Suction Pipe I.D.
	cm3/rev	W	Btu/h	W	w/w	uF/V	mm	mm	mm
PH104G0C-3BZDU	10.4	2095	7148	675	3.1	25/250	259	6.5	9.8
PH108G0C-3BZDU	10.8	2200	7575	710	3.1	25/370	259	6.5	9.8
PH120M1C-3DZDU1	12.2	2490	8496	790	3.15	30/370	266	8.2	9.8
PH130M1C-3DZDU1	13.1	2660	9076	850	3.13	30/370	270	6.5	9.8
PH140G1C-3DZDU1	13.9	2890	9861	895	3.23	35/370	285	8.2	9.8
PH160G1C-3DZDU2	16	3280	11190	1040	3.15	35/370	285	8.2	9.8
PH165G1C-3DZDU2	16.4	3355	11445	1050	3.2	35/370	285	8.2	9.8
PH170G1C-3DZDU2	16.8	3420	11670	1085	3.15	35/370	285	8.2	9.8
PH180G1C-3FTU2	18.1	3795	12949	1225	3.1	35/370	294	8.2	12.9
PH195G1C-3FTU1	19.6	4155	14177	1310	3.17	40/370	294	8.2	12.9
PH240M2A-3FTU1	24	5194	17762	1638	3.17	40/370	294	8.2	12.9
PH250M2A-2FVU1	25	5410	18502	1717	3.15	40/370	333	9.8	12.9
PH260M2AS-3KUUI	26.1	5626	19191	1815	3.1	40/370	333	9.8	12.9
PH330G2C-3MUU1	32.8	7100	24225	2150	3.3	55/400	297	9.8	16.2
PH340G2C-3MUU	33.7	7345	25060	2225	3.3	55/400	297	9.8	16.2
PH370G2C-3MUU1	37	8020	27365	2505	3.2	55/400	310	9.8	16.2
PH401X3CS-3MUU	40.2	8735	29804	2705	3.23	60/400	372	9.8	16.2
PH441X3CS-3MUU	43.5	9470	32312	2915	3.25	60/400	372	9.8	16.2

R410A 1ø-50Hz-220/240V

Model	Displ.	Capacity	Capacity	Power	COP	Capacitor	Height	Discharge Pipe I.D.	Suction Pipe I.D.
	cm3/rev	W	Btu/h	W	w/w	uF/V	mm	mm	mm
PA71M0A-4DZDE	7.1	1714	5850	571	3	25/370	279	8.1	9.8
PA84M0A-4DZDE	8.4	2044	6973	681	3	25/370	279	8.1	9.8
PA89M0A-4DZDE	8.9	2160	7370	720	3	25/370	279	8.1	9.8
PA93M1C-4DZDE1	9.3	2185	7455	740	2.95	25/370	279	8.1	9.8
PA98M1C-4DZDE1	9.8	2340	7984	785	2.98	25/370	279	8.1	9.8
PA103M1C-4DZDE	10.3	2470	8428	820	3.01	25/370	279	8.1	9.8
PA108M1C-4DZDE2	10.8	2570	8769	860	2.98	25/370	279	8.1	9.8
PA118M1C-4DZ2	11.8	2780	9485	955	2.91	25/370	279	8.1	9.8
PA130G1C-4FT	13	3155	10765	1060	2.98	25/370	279	8.1	9.8
PA140G1C-4FT	13.9	3395	11584	1145	2.97	25/370	279	8.1	9.8
PA145G1C-4FT	14.7	3600	12283	1225	2.94	25/370	279	8.1	9.8
PA150G1C-4FT	15.1	3700	12625	1275	2.9	25/370	279	8.1	9.8
PA160M2C-4FT1	16.1	4000	13648	1365	2.93	35/400	299	8.1	12.9
PA170M2C-4ET2	17.1	4190	14295	1375	3.05	35/400	299	8.1	12.9
PA185M2C-4FT2	18.5	4495	15335	1500	3	35/400	299	8.1	12.9
PA215M2CS-4KU	21.4	5255	17930	1790	2.94	50/370	340	8.1	12.9
PA225M2CS-4KU	22.4	5520	18834	1905	2.9	50/370	340	8.1	12.9
PA240M2CS-4KU1	23.9	5840	19926	1980	2.95	50/370	340	8.1	12.9
PA270G2CS-4MU1	27	6830	23304	2285	2.99	60/400	344	9.8	16.2
PA290G2CS-4MU1	28.7	7270	24805	2420	3	50/400	344	9.8	16.2
PA331X3CS-4MU1	32.6	8190	27944	2715	3.02	55/400	382	9.8	16.2

R410A 1ø-60Hz-208/230V

Model	Displ.	Capacity	Capacity	Power	COP	Capacitor	Height	Discharge Pipe I.D.	Suction Pipe I.D.
	cm3/rev	W	Btu/h	W	w/w	uF/V	mm	mm	mm
PA71M0A-3FZU	7.1	2065	7062	670	3.08	25/370	251	8.1	9.8
PA89M0A-3FZU	8.9	2602	8898	845	3.08	25/370	251	8.1	9.8
PA108M1C-3FZDU1	10.8	3110	10611	1045	2.98	35/370	279	8.1	12.9
PA118M1C-3FZU	11.8	3390	11567	1125	3.01	35/370	279	8.1	12.9
PA130K1C-3DZ1	13	3830	13060	1235	3.1	40/370	298	8.1	12.9
PA140K1C-3FT3	13.9	4240	14458	1402	3.03	40/370	298	8.1	12.9
PA150K1C-3FT3	15.1	4445	15157	1505	2.95	40/370	298	8.1	12.9
PA160M2A-3ETU	16	4785	16325	1570	3.05	40/370	303	9.8	12.9
PA165M2A-3ETU	16.5	4935	16876	1618	3.05	60/370	344	9.8	16.2
PA170M2A-3ETU	17	5084	17387	1667	3.05	40/370	303	9.8	12.9
PA240M2A-3MTU2	24	7160	24430	2365	3.03	55/370	322	9.8	16.2
PA271X3CS-3MUU1	26.9	8155	27825	2640	3.09	55/400	382	9.8	16.2
PA291X3CS-3MTTU	28.8	8850	30196	2805	3.08	55/400	382	9.8	16.2

T3 - Tropical Condition

R22 1ø-50Hz-220/240V

Model	Displ.	Capacity	Capacity	Power	COP	Capacitor	Height	Discharge Pipe I.D.	Suction Pipe I.D.
	cm3/rev	W	Btu/h	W	w/w	uF/V	mm	mm	mm
PH200M2A-4FTS1	19.9	3555	12123	1095	3.25	35/370	292	8.2	12.9
PH210M2A-4FTS1	21	3752	12830	1154	3.25	35/370	292	8.2	12.9
PH310M2AS-4KTS1	31	5620	19174	1755	3.2	50/370	292	8.2	12.9
PH340G2C-4KTS1	33.7	6050	20643	1890	3.2	60/400	310	9.8	12.9
PH400G2CS-4KTS1	40	7055	24130	2240	3.15	50/400	354	9.8	12.9
PH420G2CS-4KTS1	42	7408	25335	2350	3.15	50/400	354	9.8	12.9
PH440G2CS-4KTS1	43.5	7685	26221	2500	3.08	60/400	354	9.8	12.9

R22 1ø-60Hz-208/230V

Model	Displ.	Capacity	Capacity	Power	COP	Capacitor	Height	Discharge Pipe I.D.	Suction Pipe I.D.
	cm3/rev	W	Btu/h	W	w/w	uF/V	mm	mm	mm
PH280M2AS-3KTS1	27.9	6025	20556	1910	3.15	40/400	311	9.8	12.9
PH240M2A-3FTS1	24	5180	17673	1660	3.12	40/370	311	9.8	12.9
PH370G2C-3KTS1	37	7885	26967	2540	3.1	55/400	354	9.8	12.9

Compressor

DC R134A-LBP COMPRESSOR



MODEL	DISPLACEMENT (CM ³)	ROTATE SPEED (RPM)	CAPACITY			EFFICIENCY		OIL CHARGE (ml)	COOLING TYPE	POWER SUPPLY
			W	KCAL/H	BTH/H	COP W/W	EFR BTU/W.H			
QDZH25G	2.5	2000	43.0	37.2	146.0	1.08	3.68	160	FC	12/24V
		2500	53.0	45.8	186.0	1.05	3.58			
		3000	62.0	53.5	211.0	1.06	3.62			
		3500	72.0	62.2	245.0	1.04	3.55			
QDZH30G	3	2000	51.6	44.6	176.0	1.05	3.58			
		2500	63.6	55.0	217.0	1.05	3.58			
		3000	74.4	64.3	254.0	1.06	3.62			
		3500	86.4	74.7	295.0	1.04	3.55			
QDZH35G	3.5	2000	60.0	51.9	204.6	1.08	3.68			
		2500	73.0	63.1	248.9	1.07	3.65			
		3000	86.0	74.4	293.2	1.06	3.62			
		3500	100.0	86.5	341.0	1.05	3.58			

V SERIES R134A-LBP COMPRESSOR



MODEL	DISPLACEMENT (CM ³)	VOLTAGE & HERTZ	CAPACITY		INPUT POWER W	C.O.P	CURRENT (A)	OIL CHARGE (ml)	COOLING TYPE	MOTOR TYPE
			W	BTH/H						
QD25HG	2.5	220-240V 50/60Hz	65	221	65	1.00	0.60	160	ST	RSIR
QD30HG	3.0		75	256	75	1.00	0.65			
QD35HG	3.5		82	279	78	1.00	0.70			
QD25H11G	2.5	110-120V 60Hz	75	256	78	1.05	0.80			
QD30H11G	3.0		83	283	83	1.00	1.20			
QD35H11G	3.5		100	241	90	1.11	1.30			

V SERIES R600-LBP COMPRESSOR



MODEL	DISPLACEMENT (CM ³)	VOLTAGE & HERTZ	CAPACITY		INPUT POWER W	C.O.P	CURRENT (A)	OIL CHARGE (ml)	COOLING TYPE	MOTOR TYPE
			W	BTH/H						
QD35YG	3.5	220-240V	56	191	49	1.15	0.40	160	ST	RSIR
QD43YG	4.3	50/60Hz	68	232	56	1.20	0.43			



Q SERIES R134A-LBP Compressor Performance Parameter

MODEL	DISPLACEMENT (CM ³)	VOLTAGE & HERTZ	CAPACITY		INPUT POWER W	C.O.P	CURRENT (A)	OIL CHARGE (ml)	COOLING TYPE	MOTOR TYPE
			W	BTH/H						
ADW110	11.0	220-240V 50/60Hz	260	887	230	1.13	2.00	310	FC	RSIR
ADW128	12.8		290	990	255	1.14	2.30			CSIR
ADW142	14.2		320	1092	280	1.15	2.60			CSIR
ADW110T6	11.0	110-120V 60Hz	290	989	240	1.21	4.00			RSIR



Q SERIES R600A-LBP Compressor Performance Parameter

MODEL	DISPLACEMENT (CM ³)	VOLTAGE & HERTZ	CAPACITY		INPUT POWER W	C.O.P	CURRENT (A)	OIL CHARGE (ml)	COOLING TYPE	MOTOR TYPE
			W	BTH/H						
QD128YG	12.8	220-240V 50/60Hz	210	717	150	1.40	1.00	310	FC	RSIR
QD142YG	14.2		232	792	166	1.40	1.10			
QD153YG	15.3		250	250	172	1.45	1.20			



S SERIES R600A-LBP Compressor Performance Parameter

MODEL	DISPLACEMENT (CM ³)	VOLTAGE & HERTZ	CAPACITY		INPUT POWER W	C.O.P	CURRENT (A)	OIL CHARGE (ml)	COOLING TYPE	MOTOR TYPE
			W	BTH/H						
QD128YG	12.8	220-240V 50/60Hz	210	717	150	1.40	1.00	310	FC	RSIR
QD142YG	14.2		232	792	166	1.40	1.10			
QD153YG	15.3		250	250	172	1.45	1.20			



SC SERIES R22-LBP/MBP Compressor Performance Parameter

MODEL	DISPLACEMENT (CM ³)	VOLTAGE & HERTZ	CAPACITY		INPUT POWER W	C.O.P	CURRENT (A)	OIL CHARGE (ml)	COOLING TYPE	MOTOR TYPE
			W	BTH/H						
SC12D	12	220-240V 50/60Hz	400	1365	360	1.11	2.50	550	FC	CSIR
SC15D	15		546	1863	460	1.18	3.20			
SC18D	18		660	2252	554	1.20	2.96			
SC21D	21		790	2696	655	1.2	3.12			



SC SERIES R290-LBP/MBP Compressor Performance Parameter

MODEL	DISPLACEMENT (CM ³)	VOLTAGE & HERTZ	CAPACITY		INPUT POWER W	C.O.P	CURRENT (A)	OIL CHARGE (ml)	COOLING TYPE	MOTOR TYPE
			W	BTH/H						
SC12K	12	220-240V 50/60Hz	475	1621	350	1.36	2.40	550	FC	RSIR
SC15K	15		655	2235	450	1.46	3.10			CSIR
SC18K	18		820	2798	530	1.55	2.80			CSIR
SC21K	21		980	3344	640	1.53	3.00			RSIR

PTC Starter Relay



PL1



IC4



PL9

TERMINALS	VOLTAGE	POWER
2	110V	For 1/8HP,1/6HP,1/5HP,1/4HP,1/3HP,1/2HP
3		
4		



SE Series Starting Relay
For 1/8HP,1/6HP,1/5HP,1/4HP,
1/3HP,1/2HP Compressor



SF Series Starting Relay
For 1/8HP,1/6HP,1/5HP,1/4HP,
1/3HP,1/2HP Compressor



SG Series Starting Relay
For 1/8HP,1/6HP,1/5HP,1/4HP,
1/3HP,1/2HP Compressor

Fan Relay



Model	Description	Amps RES	FLA/LRA 125V	FLA/LRA 250V	Coil Voltage VAC
PR-360	SPST-NO	18	12/60	8/48	24
PR-362	SPST-NO	18	12/60	8/48	120
PR-364	SPST-NO	18	12/60	8/48	240
PR-366	SPST-NO	18	12/60	8/48	277
PR-370	SPDT	18	12/60	8/48	24
PR-372	SPDT	18	12/60	8/48	120
PR-374	SPDT	18	12/60	8/48	240
PR-376	SPDT	18	12/60	8/48	277
PR-380	SPST NO+NC	18	12/60	8/48	24
PR-382	SPST NO+NC	18	12/60	8/48	120
PR-384	SPST NO+NC	18	12/60	8/48	240



ICG Series Relay
ICG-1 115V For 1/12HP ~ 1/2HP
ICG-220 230V For 1/12HP ~ 1/2HP

Transformer



MODEL	VA	VOLTAGE PRIMARY (V)	VOLTAGE SECONDARY (V)
2011-OF	20	120	24
4021-OF	40	208/240	24
4031-OF	40	120/208/240	24
5031-OF	50	120/208/240	24
6021-OF	60	208/240	24
6031-OF	60	120/208/240	24
7511-OF	75	480	24
7541-OF	75	120/208/240/480	24
10041-OF	100	120/208/240/480	24
5031-OFC-X	50	120/208/240	24
6021-OFC-X	60	240/480	24
6031-OFC-X	60	120/208/240	24
6041-OFC-X	60	120/208/240/480	24
7541-OFC-X	75	120/208/240/480	24
10021-OFC-X	96	240/480	24
10041-OFC-X	96	120/208/240/480	24

Voltage Protector

- Current Type: AC, AC
- Product Name: Power Voltage Protector
- Color: White
- Plug Type: AU Type
- Max Power: 3500W
- Frequency: 50Hz
- Protection: Low voltage and high voltage
- Place Of Origin: Zhejiang
- Delay Time: 5Secs 30Secs 90Secs 180Secs Optional
- All Models Optional





DEFROSTING HEATER
DFG-E-4 9"~17"



DEFROSTING HEATER
DF-A-1 8"~23"



DEFROSTING HEATER
GH-153



JRT4

JRT6

Technical Data

The Specification (HP)	Applied Power (W)	Overload Current (A)	Applied Temperature (°C)	Restored Temperature (°C)
JRT4-2/3	450W(2/3HP)	14	125-155	50-80
JRT4-10	750W(1HP)	16		
JRT4-13	975W(1.3HP)	20		
JRT4-15	1100W(1.5HP)	24		
JRT4-20	1500W(2HP)	30		
JRT6-30	2200W(3HP)	35		
JRT6-30	3700W(5HP)	40		



DELAY TIMER
TMDX-03-10.ON



PRESSURE CONTROLS



FAN COIL MECHANICAL
THERMOSTAT



DELAY TIMER
TMDX-03-10.BREAK



FAN COIL MECHANICAL
THERMOSTAT



FAN COIL MECHANICAL
THERMOSTAT

Overload Protector



JRT1



JRT1



JRT2



4TM

Technical Data

The Specification (HP)	1/12	1/10	1/8	1/7	1/6	1/5	1/4	1/3	1/2	3/8
Applied Power (W)	61	74	93	105	125	150	180	245	375	275
Movement Electric Current 90°C (A)	0.9	1.1	1.2	1.3	1.3	2.23	2.42	2.85	3.5	3.1
Overload Current (A)	5.2	5.3	5.6	6.2	6.8	8	8.7	10	12	11
Applied Temperature (°C)	100~140									
Restored Temperature (°C)	50~50									
Movement Temperature 25°C	7~16									

Defrost Timer



TMDE SERIES DEFROST TIMER



TMDF SERIES DEFROST TIMER



TMDJ SERIES DEFROST TIMER



TMDB SERIES DEFROST TIMER



TMDC SERIES DEFROST TIMER



Thermostat



W-D Thermostat

077B0021 077B0023
077B0027 077B0028
077B1110 077B2027
077B6208 etc



W-G Thermostat

3ART5VG10 3ART5VC81
3ARTSVN11 3ARTSVH39
3ART5LP5 3ART5C212 etc



W-K Thermostat

K50-P1110 K50-P1117
K50-P1118 K50-91125
K50-P1126 K50-P1127
K50-P1557 etc



W-L Thermostat

PFN-163A PFN-110UA
WPF23.5 AWTB-P132
AWTB-P133 AWTB-P134
AWTB-P135 etc



W-L Thermostat

PFN-163A PFN-110UA
WPF23.5 AWTB-P132
AWTB-P133 AWTB-P134
AWTB-P135 etc



W-T Thermostat

A01070 A010104
A041000 A13100
A130015 A130050
A130057 A130718 etc



KSD-2010
OPEN:15°C CLOSE:-2°C



KSD-2011
OPEN:13°C CLOSE:-4°C+FUSE72°C



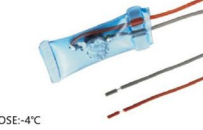
KSD-2014
OPEN:4°C CLOSE:-5°C+FUSE72°C



KSD-3003
OPEN:9°C CLOSE:-2°C



KSD-3004
OPEN:8°C CLOSE:-4°C



KSD-3006
OPEN:13°C CLOSE:-4°C



KSD-3007
OPEN:13°C CLOSE:-4°C



KSD-3008
OPEN:13°C CLOSE:-0°C



KSD-4001
OPEN:8°C CLOSE:-7°C+FUSE72°C



KSD-4003
OPEN:8°C CLOSE:-4°C+FUSE76°C



KSD-4007
OPEN:8°C CLOSE:-4°C



KSD-4008
OPEN:8°C CLOSE:-4°C+FUSE70°C

Defrost Thermostat



KSD-2001
OPEN:13°C CLOSE:-4°C



KSD-2002
OPEN:12°C CLOSE:-5°C+FUSE72°C



KSD-2003
OPEN:12°C CLOSE:-5°C+FUSE72°C



KSD-2005
OPEN:10°C CLOSE:-2°C+FUSE70°C



KSD-2006
OPEN:15°C CLOSE:0°C



KSD-2007
OPEN:13°C CLOSE:-4°C



KSD-2007A
OPEN:8°C CLOSE:-4°C



KSD-2008
OPEN:12°C CLOSE:-5°C+FUSE72°C



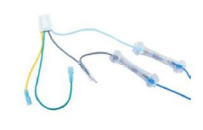
KSD-2009
OPEN:12°C CLOSE:-5°C+FUSE76°C



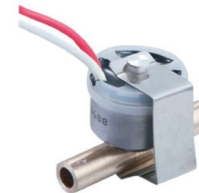
KSD-7008
OPEN TEMP:76°C



KSD-7009
OPEN TEMP:70°C



KSD-7010
62Kx2



TECHNICAL SPECIFICATION

Action Feature : Single Cutter,Single Throw (SPST)

Electric Rating : 250VAC 5A / 125VAC 10A

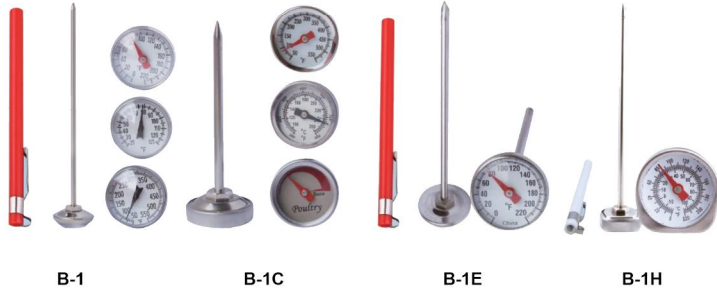
Insulation Resistance : $\geq 100M\Omega$

Action Temperature Range : -30°C - 90°C

Lead wire and temperature can be according to clients' requirements

KSD 10 SERIES	L37	L45	L50	L55	L60	L70	L80	L90
DIFF (°F)	10	20	20	20	20	20	50	55
OPEN (°F)	37	45	50	55	60	70	80	90
CLOSE (°F)	47	25	30	35	40	50	30	35

Thermometer



Pressure Transmitter



MODEL	JHT2060	JHT2080	JHT2600
Medium	R12,R22,R32,R134a,R404a, R407c,R410a,R502,R507	With 1Cr18Ni9Ti、PVDF、Gases or liquids compatible with FKM or FFKM	R12,R22,R32,R134a,R404a, R407c,R410a,R502,R507
Range	0~10...50Bar	-100kPa~100kPa...2MPa	0~10...50Bar
Accuracy	±1.5%F.S(-20~80°C) ±2.5%F.S(-40~120°C)	±1.5%F.S(-20~80°C) ±0.5%F.S	±2.0%F.S(-30~120°C) ±0.8%F.S(-40~40°C)
Operating Temperature	-40~120°C	-20~80°C	-40~120°C
Output Signal	0.5~4.5V(Ratiometric voltage output)	4~20mA、0.5~4.5V、0~5V、0~10V	0.5~4.5VDC
IP Rating	IP67	IP65	IP67

Leak Detector



HLD-100+

- Technical parameters:
- Operating temperature:0°C~50°C
- Operating Mode:Continuous and no limitation
- Reaction time:instant
- Resetting time:2 seconds
- Warm-up time:about 6 seconds
- Size:23cmx6cmx5.5cm
- Weight:560 grams
- Power Supply:3VDC(2 cell alkaline batteries)
- Probe length:36cm
- Gross Weight:720 grams



HLD-200+

- Technical parameters:
- Operating Environment Temperature:0°C~52°C
- Humidity:≤95% RH(non-condensing)
- Power Supply:two AA alkaline batteries
- Sensor tip life under continuous operation: more than 50 hours in normal detecting status
- Package size:175 x 55 x34(mm)
- Probe length:305mm



WJL-6000

- Technical parameters:
- Operating temperature:0°C~52°C (30°F~125°F)
- Maximum sensitivity:6 g/yr. for all halogenated refrigerants
- Battery life:Approximately 50 hours normal use
- Response time:Instantaneous
- Operating mode:continuous, no limitation
- Fixed probe length:20cm
- Dimensions:22.9cmx6.5cmx6.5cm
- Warm-up time:approximately 6 seconds
- Reset time:two to ten seconds
- Power supply:6V DC,4 cell alkaline batteries



CPU-C

- Main features:
- Microprocessor control advanced digital signal processing
- Single color visual display
- Seven levels of sensitivity
- Tactile keypad
- Real time sensitivity adjustment
- Battery voltage indication
- Certified to DELICACY for detecting R134a,R12,R22,etc.
- Detect ALL Halogenated Refrigerants
- True mechanical pumping provides positive airflow through sensing tip
- Cordless and portable operation on 2" cell batteries
- 14"(36, 5cm)flexible, stainless probe
- Warm-up time:6s
- One-year warranty

Digital Temperature Controller

STC-9600

General controller series

Application:

Specially designed for medical refrigerator,vaccine cabinet,blood cabinet etc.

Main features:

- Refrigerating,defrost modes optional
- Alarm when power failure(alarm output),standby battery supply
- Door switch function,Door open over time alarm
- Return difference to control temperature
- User menu and administrator menu setting separately
- Once sensor error occurs,compressor turns on/off with proportional time

Specification:

- Mounting size:71(W)*29(H)(mm)
- Products size:74(W)*34.5(H)*85(D)(mm)

Technical parameters:

- Power supply:12VAC/DC
- Temperature measuring range:-50~+50°C
- Temperature controlling range:-50~+50°C
- Resolution:0.1
- Accuracy:±1°C
- Compressor output contact capacity:10A/220VAC
- Alarm output contact capacity:7A/220VAC
- Sensor type:NTC 2M
- Shell:gray ABS flame retardant material



AC Contactor

Definite purpose contactors with TUV, UL, CE and RoHS approvals

Initial dielectric strength

- Between contacts & coils: 2200 VAC

- Between poles: 2200 VAC

- Between open contacts: 2200 VAC

Insulation system

- 130 °C class B

Temperature range

- 40 °C to +65 °C (-40°F to +150 °F)



Coil Rating for 1 & 2 Pole (20-40 FLA)

	1 Pole Contactor				2 Pole Contactor			
Nominal Coil Voltage	24	120	208/240	277	24	120	208/240	277
Nominal Coil Resistance Ohms	18	420	1800	2500	11	237	1000	1600
Max.Pick up Voltage	18	88	177	221	18	88	177	221
Min.Pick up Voltage	6-15	20-70	40-140	50-165	6-15	20-70	40-140	50-165
Nominal Inrush VA @ 50Hz	31	31	31	31	33	33	33	33
Nominal Inrush VA @ 60Hz	28	28	28	28	30	30	30	30
Nominal Sealed VA @ 50Hz	6	6	6	6	8	8	8	8
Nominal Sealed VA @ 60Hz	5	5	5	5	6.5	6.5	6.5	6.5
Max.Coil Voltage	30	132	264	300	30	132	264	300

Coil Rating for 3 & 4 Pole (20-40 FLA)

	3 Pole Contactor				4 Pole Contactor			
Nominal Coil Voltage	24	120	208/240	277	24	120	208/240	277
Nominal Coil Resistance Ohms	18	420	1800	2500	11	237	1000	1600
Max.Pick up Voltage	18	88	177	221	18	88	177	221
Min.Pick up Voltage	6-15	20-70	40-140	50-165	6-15	20-70	40-140	50-165
Nominal Inrush VA @ 50Hz	31	31	31	31	33	33	33	33
Nominal Inrush VA @ 60Hz	28	28	28	28	30	30	30	30
Nominal Sealed VA @ 50Hz	6	6	6	6	8	8	8	8
Nominal Sealed VA @ 60Hz	5	5	5	5	6.5	6.5	6.5	6.5
Max.Coil Voltage	30	132	264	300	30	132	264	300

Coil Rating for 3 Pole (50-90 FLA)

	3 Pole Contactor			
Nominal Coil Voltage	24	120	208/240	277
Nominal Coil Resistance Ohms	2.4	45	180	280
Max.Pick up Voltage	18	93	177	235
Min.Pick up Voltage	6-15	20-70	40-140	50-185
Nominal Inrush VA @ 50Hz	138	138	138	138
Nominal Inrush VA @ 60Hz	130	130	130	130
Nominal Sealed VA @ 50Hz	18	18	18	18
Nominal Sealed VA @ 60Hz	13	13	13	13
Max.Coil Voltage	30	132	264	300

Electrical Rating Contactor

Full Load Amps 1 Pole Contactor (20-40FLA)	Resistive Amps @600VAC	Locked Rotor Amps @ 240/277 VAC	Locked Rotor Amps @ 480VAC	Locked Rotor Amps@ 600 VAC	Max. Horsepower		
					Voltage	Single Phase	Three Phase
20	30	120	100	80	120	1	
					240	2	
25	35	150	125	100	120	1	
					240	2	
30	40	150	125	100	120	1	
					240	2	
40	50	240	200	160	120	1	
					240	2	
2 Pole Contactor (20-40FLA)							
20	30	120	100	80	120	1	
					240	2	
25	35	150	125	100	120	1	
					240	2	
30	40	150	125	100	120	1	
					240	2	
40	50	240	200	160	120	1	
					240	2	
3 Pole Contactor (20-40FLA)							
20	30	120	100	80	120	1.5	
					240/277	3	7.5
					480		7.5
					600		7.5
25	35	150	125	100	120	2	
					240/277	5	10
					480		15
					600		20
30	40	180	150	120	120	2	
					240/277	5	10
					480		15
					600		20
40	50	240	200	160	120	3	
					240/277	7.5	10
					480		15
					600		20
4 Pole Contactor (30-40FLA)							
30	40	180	150	120	120	2	
					240/277	5	10
					480		15
40	50	240	200	160	120	3	
					240/277	7.5	10
					480		20
3 Pole Contactor (50-90FLA)							
50	65	300	250	200	120	3	
					240/277	10	15
					480/600		25
60	75	360	300	240	120	5	
					240/277	10	25
					480/600		30
75	93	450	375	300	120	15	25
					240/277		40
					480/600		
90	120	540	450	360	120		
					240/277	20	30
					480/600		50

Capacitor

CBB65-R FOR MOTOR RUN APPLICATION



Nominal Capacitance	200~300VAC		370~400VAC		440~450VAC	
	D	H	D	H	D	H
2	40	55	40	55	40	55
5	40	55	40	55	40	55
7.5	40	55	40	55	40	55
10	40	55	40	55	55	65
15	40	75	40	65	40	75
20	40	75	40	75	45	75
25	40	75	45	75	50	75
30	45	75	50	75	50	85
35	45	75	50	75	50	85
40	45	85	50	85	50	100
45	45	85	50	100	50	110
50	45	100	50	100	50	110
55	45	100	50	110	50	125
60	45	100	55	110	50	125
70	50	100	55	110	55	125
80	50	100	55	125	60	125
100	50	125	60	125	60	140

CBB65 FOR MOTOR RUN APPLICATION



Nominal Capacitance	370~400VAC		440~450VAC	
	D	H	D	H
1+1	50	50	50	50
10+1	50	50	50	50
15+1.5	50	55	50	65
17.5+2	50	55	50	65
20+3	50	75	50	75
25+5	50	85	50	85
30+5	50	95	50	105
35+5	50	100	50	105
40+5	50	105	50	120
45+6	50	125	50	125
50+6	50	125	55	125
55+6	55	125	60	125
60+7.5	55	130	60	125
80+15	60	140	60	140

CBB65-O FOR MOTOR RUN APPLICATION



Nominal Capacitance	240~300VAC			370~400VAC			440~450VAC		
	L	B	H	L	B	H	L	B	H
5	51.5	50	50	31.5	51.5	50	31.5	51.5	50
10	51.5	50	50	31.5	51.5	65	31.5	51.5	75
15	51.5	55	55	31.5	51.5	65	31.5	51.5	75
20	51.5	75	75	31.5	51.5	50	45	70.5	65
25	51.5	75	75	45	70.5	75	45	70.5	75
30	70.5	75	75	45	70.5	75	45	70.5	75
35	70.5	75	75	45	70.5	75	45	70.5	85
45	70.5	85	85	45	70.5	85	45	70.5	100
50	70.5	100	100	45	70.5	100	45	70.5	110
60	70.5	100	100	45	70.5	110	45	70.5	125
80	70.5	110	110	45	70.5	125	47.6	90	110
100	70.5	125	125	47.6	90	100	47.6	90	125

Other types besides the above listed items can be produced according to customer's needs
Data above may be changed without notice

CBB60 FOR MOTOR RUN APPLICATION



Nominal Capacitance	200~300VAC		370~400VAC		440~450VAC	
	D	H	D	H	D	H
2	30	60	30	60	30	60
5	30	60	30	60	30	60
7.5	30	60	30	60	30	70
10	30	70	35	75	35	70
15	35	70	35	70	40	70
20	35	70	45	70	40	70
25	40	70	45	75	45	90
30	45	75	45	90	45	90
35	45	75	50	90	45	90
40	45	90	50	95	50	100
45	45	90	50	100	50	100
50	45	90	50	100	50	100
55	45	90	50	100	50	100
60	45	90	50	100	50	125
70	50	100	55	125	50	125
80	50	125	55	125	55	135
100	55	125	55	125	60	135

Capacitor



CBB61 FOR MOTOR RUN APPLICATION

Nominal Capacitance	240~300VAC			370~400VAC			440~450VAC		
	L	B	H	L	B	H	L	B	H
1	36	11	19	37	14	24	37	14	24
1.5	36	11	19	37	14	24	37	14	28
2	37	14	24	37	14	28	47	14	28
2.5	37	14	24	37	15	28	37	18	30
5	47	14	28	47	18	34	47	20	34
8	47	18	34	57	18	32	47	26	38
16	57	18	32	58	23	37	58	28	40
20	58	23	37	58	28	40	58	30	50
24	58	28	40	60	30	45	60	40	50
30	60	40	50	73	40	53	73	40	53



SSP SERIES FOR MOTOR STARTING APPLICATION

Model	Capacitance (μF)	D ₁ ± 1 (mm)	D ₂ ± 1 (mm)	D ₃ ± 1 (mm)	H ± 2 (mm)
SPP5	36-43	37	45	46	130
SPP5	43-52	37	45	46	130
SPP5	53-64	37	45	46	130
SPP5	64-77	37	45	46	130
SPP6	72-88	46	45	46	155
SPP6	108-130	46	45	46	155
SPP7	130-156	46	45	46	155
SPP7	161-193	46	45	46	155
SPP7	189-227	46	45	46	155

CD60 FOR MOTOR STARTING APPLICATION



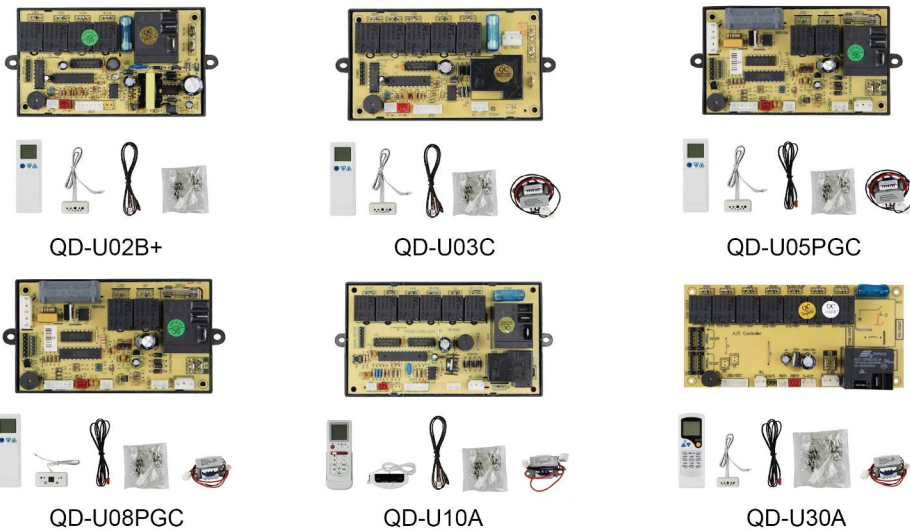
Capacitance(μF)	Dimensions(mm)		
	100-165VAC	200-250VAC	300-330VAC
21-25	36*70	36*70	36*70
25-30	36*70	36*70	36*70
30-36	36*70	36*70	36*70
36-43	36*70	36*70	36*70
43-52	36*70	36*70	36*70
47-56	36*70	36*70	36*70
53-64	36*70	36*70	36*70
64-77	36*70	36*70	36*70
72-88	36*70	36*70	36*70
88-108	36*70	36*70	46*86
108-130	36*70	36*70	46*86
124-140	36*70	36*70	46*86
130-156	36*70	36*70	46*86
145-174	36*70	36*70	46*86
161-193	36*70	36*70	46*86
189-227	36*70	46*86	52*111
216-259	46*86	46*86	52*111
223-280	46*86	46*86	52*111
243-292	46*86	46*86	52*111
270-324	46*86	46*86	52*111
324-389	46*86	46*86	52*111
340-408	46*86	46*86	52*111
378-454	46*86	46*86	52*111
400-480	46*86	46*86	52*111
430-515	46*86	46*86	52*111
460-552	46*86	46*86	52*111
540-648	46*111	52*111	52*111
890-708	46*111	52*111	52*111
645-774	46*111	52*111	52*111
708-850	46*111	52*111	52*111
720-850	46*111	52*111	52*111
720-865	46*111	52*111	65*111
800-960	52*111	52*111	65*111
815-978	52*111	52*111	65*111
829-995	52*111	52*111	65*111
850-1020	52*111	52*111	65*111

Other types besides the above listed items can be produced according to customer's needs
Data above may be changed without notice

Universal A/C Remote Control



Universal Air Conditioner Control System



Clamp Meter



Shaded Pole Motor



MODEL	Voltage (V)	FREQUENCY (Hz)	RATED INPUT (W)	OUTPUT (W)	RATED CUITT (A)	SPEED (RPM)	FAN BLADE (MM)
JH-5-13-00	110-120	60	33	5	0.55	1550	200
JH7-20-00	220-240	50/60	33	7	0.21	1300	230
JH10-20-00	110-120	60	55	10	0.8	1550	230
JH16-25-00	220-240	50/60	40	16	0.25	1300	250
JH18-30-00	110-120	60	70	18	1.01	1550	250
JH25-40-00	220-240	50/60	70	25	0.45	1300	300
JH34-45-00	110-120	60	75	34	1.1	1550	300
	220-240	50/60	100		0.5	1450	
	220-240	50/60	95		1.4	1450	
	110-120	60	110		0.7	1300	
	220-240	50/60	120		1.5	1450	
					0.85	1300	

Evaporator Motor



Plastic Sealed Motor & AC Fan Motor

1. Plastic Sealed Motor
Plastic Sealed Motor:
High Of The Body: 32mm 39mm 49mm 85mm
The Diameter: 92mm 95mm
The Speed: three Speed



Tangential Fan



MODEL	Voltage (V)	POWER (W)	CURRENT (MA)	SPEED (r/min)	AIR FLOW (CFM)	NOISE (DB)
JH30×200	220	6.7	68	2300	1.2	42
JH30×300	220	8	80	2200	1.4	43
JH45×186	220	14	130	1450	1.6	46
JH45×240	220	15	150	1450	1.8	46
JH60×240	220	18	170	1400	3	45
JH60×300	220		520	1400	3.2	46
JH60×420	220		600	1350	3.5	45

Axial Fan



MODEL	FREQUENCY (Hz)	Voltage (V)	BEARING TYPE	CURRENT (A)	POWER (W)	SPEED (r/min)	AIR FLOW (CFM)	NOISE (DB)	WEIGHT (G)
JH12038A1HSL	50/60	110	Sleeve	0.24/0.23	26/23	2800	90/100	40/45	500
JH12038A1HBL	50/60	110	Ball	0.24/0.23	26/23	2800	90/100	40/45	500
JH12038A2HSL	50/60	220	Sleeve	0.14/0.13	26/23	2700	90/100	40/45	500
JH12038A2HBL	50/60	220	Ball	0.14/0.13	26/23	2700	90/100	40/45	500
JH12038A3HSL	50/60	380	Sleeve	0.07/0.06	26/23	2700	90/100	40/45	500
JH12038A3HBL	50/60	380	Ball	0.07/0.06	26/23	2700	90/100	40/45	500
JH12038A1/A2HSL	50/60	110/220	Sleeve	0.23/0.14	26/23	2700	90/100	40/45	500
JH12038A1/A2HBL	50/60	110/220	Ball	0.23/0.14	26/23	2700	90/100	40/45	500
Notice: 12038=120×120×38mm, A1=AC 110V, A2=AC 220V, A3=AC 380V, H=High Speed, S=Sleeve, B=Ball, L=Lead Wire									

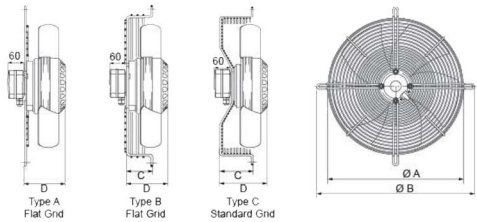
Axial Fan Motor



Axial Fans driven by quiet and high-efficient external rotor motors, are widely used in air conditioning condensing sets and ventilating unit. Most of axial fans approved by CE, UL, and CCC.

Material:
Guard Grille: steel, coated in black plastic.
Wall ring: sheet steel, re-galvanized, coated in black plastic.
Blades: sheet steel.
Rotor: coated in black plastic.

- Min. working life: 30,000 hours
- Thermal contacts protected.
- Insulation class: class B
- Protection class: IP54
- Certificate: CE, UL, CCC.



Technical Parameter

Model	Voltage (V)	Frequency (Hz)	Rated Current (A)	Input (W)	Speed (r/min)
JHT2E-200	220	50	0.22	55	2500
JHT-2D-200	380	50	0.18	75	2550
JHT-4E-200	220	50	0.21	45	1400
		60	0.16	50	1600
JHT-2E-250	220	50	0.52	110	2300
JHT-2D-250	380	50	0.21	110	2260
JHT-4E-250	220	50	0.23	50	1380
		60	0.28	60	1600
JHT-4D-250	380	50	0.17	60	1400
		60	0.15	60	1600
JHT-2E-300	220	50	0.65	140	2600
JHT-2D-300	380	50	0.30	150	2500
JHT-4E-300	220	50	0.38	80	1350
		60	0.45	95	1500
JHT-4D-300	380	50	0.24	75	1380
		60	0.24	95	1550
JHT-4E-400	220	50	0.82	180	1380
		60	1.20	250	1550
JHT-4D-400	380	50	0.47	180	1380
		60	0.50	250	1550
JHT-6E-400	220	50	0.50	110	920
JHT-6D-400	380	50	0.38	105	920
JHT-4E-450	220	50	1.20	250	1350
		60	1.52	330	1500
JHT-4D-450	380	50	0.60	250	1360
		60	0.60	330	1500
JHT-6E-450	220	50	0.70	150	920
JHT-6D-450	380	50	0.42	150	900
JHT-4E-500	220	50	1.90	420	1300
		60	2.50	580	1550
JHT-4D-500	380	50	0.90	450	1300
		60	0.90	550	1500
JHT-6E-500	220	50	1.15	230	900
JHT-6D-500	380	50	0.55	230	900
JHT-4E-550	220	50	2.55	550	1300
		60	2.80	650	1650
JHT-4D-550	380	50	1.20	600	1300
		60	1.00	750	1500
JHT-6E-550	220	50	1.70	330	900
JHT-6D-550	380	50	0.90	330	900
JHT-4E-600	220	50	3.20	700	1360
		60	4.50	900	1650
JHT-4D-600	380	50	1.60	780	1350
		60	1.70	900	1650
JHT-6E-600	220	50	2.30	480	900
JHT-6D-600	380	50	1.50	500	900
JHT-4E-630	220	50	3.50	750	1360
JHT-4D-630	380	50	1.60	800	1320
JHT-6E-630	220	50	2.40	520	900
JHT-6D-630	380	50	1.60	550	900
JHT-6D-710	380	50	2	1100	900
JHT-6D-800	380	50	2.4	1100	900
JHT-8D-800	380	50	1.5	650	680

Electronic Refrigerant Charging Scale

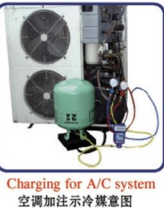
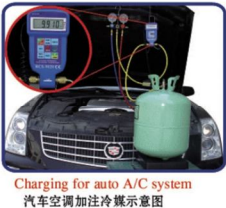
EXTRA-LARGE FLOW
QUANTITY CHARGING

Features

- High-performance solenoid valve(1kg per 45sec)
- High-visibility LCD display
- RCS-N9030 measures weight in kgs,lbs,oz.
- Built-in memory remembers all previous settings.
- Built-in alarm function.
- Long battery life reaches 60 hours.
- High accuracy and resolution(100kgs/5g).
- Programmable
- Can be calibrated in the field with inexpensive reference weight.



Note: To prevent damage, never exceed the rated capacity of the scale.



ITEM	RCS-N50A	RCS-N9030
Capacity	50 KGS/110 LB/110 LB.00.0OZ	100 KGS/220 LB/220 LB.00.0OZ
Units	KGS/LBS/OZ	KGS/LBS/OZ
Accuracy	0.2% OF READING±1 LEAST	0.2% OF READING±1 LEAST
Resolution	±0.07 OZ/2G	±0.25 OZ/5G
Platform Size	8-3/4"×8-3/4" 223×223mm	
Power	5×1.5V ALKALINE BATTERY(7.5VDC)	
Battery Life	60 HOURS CONTINUOUS USE	
Operation Temperature	10°C-50°C (50°F-122°F)	
Weight	2.74 KGS(6.03 LBS)	

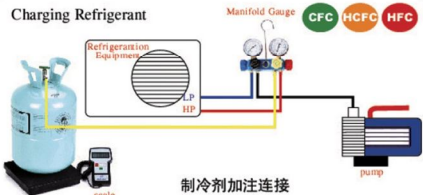


Note: To prevent damage, never exceed the rated capacity of the scale.

SUPER ACCURACY
CONVENIENT TO CARRY

Introduction

- RCS series refrigerant charging scales are used for refrigerant charging,recovery&weighing of commercial A/C,auto A/C, refrigeratory systems.
- Portable carrying case with 223mm×223mm platform.
- High capacity up to 100kgs(220Lbs).
- High accuracy of +/5g(0.01Lb).High-visibility LCD display 66mm×20mm&67mm×23mm optional.Flexible 6 inches(1.83m) coil design.Long-life 9V batteries.



ITEM	RCS-7010	RCS-7020	RCS-50	RCS-7040
LCD DISPLAY	 Unit Shift:KG/LB Lcd Size:66mm×20mm Dispal:5 digits display	 Unit Shift:KG/LB/OZ Lcd Size:67mm×23mm Dispal:7 digits display	 Unit Shift:KG/LB/OZ Lcd Size:67mm×23mm Dispal:7 digits display	 Unit Shift:KG/LB/OZ Lcd Size:67mm×23mm Dispal:7 digits display
Range Of Weight	0-70 kg or 0-154 lbs	0-100 kg or 0-220 lbs	0-70 KG or 0-154 lbs or 0 LB.00.00 OZ-110 LB 00.00 OZ	0-70 KG or 0-154 lbs or 0 LB.00.00 OZ-110 LB 00.00 OZ
Accuracy	±0.5% OF READING		±0.2% OF READING	±0.5% OF READING
Resolution	±5G/0.01LB		±2 G/0.06 LB /0.08 OZ	±5 G/0.01 LB/0.25 OZ
Units	KGS/LBS		KGS/LBS/OZ	
Power Supply	9VDC		9VDC	
Operation Temperature	0°C-45°C (32°F-113°F)		0°C-45°C (32°F-113°F)	
Battery Life	60 HOURS CONTINUOUS USE		60 HOURS CONTINUOUS USE	
Weight	2.48 KGS(5.47 OZ)		2.48 KGS(5.47 OZ)	

Vacuum Pump



- Designed specially for HVAC/R service.
- Ultimate deep vacuum: single stage is 5Pa, while dual voltage is 3×10^{-1} Pa.
- Compact design with aluminum housing and easy to carry.
- Thermal protector in the motor guarantees the pump to run steadily.
- Both 1/4" and 3/8" SAE flare inlet connections allow for flexibility of connections.
- included vacuum pump oil.
- Suitable for all the main voltage design in the market.
- Individual design for special customers.

Mini Vacuum Pump

MODEL	FLOW RATE		POWER	ULTIMATE VACUUM	OIL CAPACITY	DIMENSIONS (mm)	WEIGHT (N.W)
	230V/50-60HZ	115V/60HZ					
JHVP-2M	1.8CFM	50L/MIN	1/6HP	150Micorns	220ml	256×93×175	3.5Kg
JHVP-4M	3.6CFM	100L/MIN	1/5HP		120ml		4.5Kg
2JHVP-2M	1.8CFM	50L/MIN	1/4HP	15Micorns	90ml		4.5Kg

DC Vacuum Pump

MODEL	FLOW RATE		POWER	ULTIMATE VACUUM	OIL CAPACITY	DIMENSIONS (mm)	WEIGHT (N.W)
	12V or 24V						
JHVP-2D	1.5CFM	42L/MIN	1/5HP	150Micorns	430ml	290×125×235	4.6Kg
JHVP-3D	2.5CFM	70L/MIN	1/4HP		400ml		5.7Kg
2JHVP-2D	1.5CFM	42L/MIN	1/4HP	15Micorns	430ml		4.9Kg
2JHVP-3D	2.5CFM	70L/MIN	1/3HP		400ml		6.0Kg

Single Stage Vacuum Pump

MODEL	FLOW RATE		POWER	ULTIMATE VACUUM	OIL CAPACITY	DIMENSIONS (mm)	WEIGHT (N.W)
	230V/50-60HZ	115V/60HZ					
JHVP-2	1.5CFM	1.8CFM	1/4HP	150Micorns	430ml	290×125×235	4.6Kg
JHVP-3	2.5CFM	3.0CFM	1/4HP		400ml	290×125×235	4.6Kg
JHVP-4	3.0CFM	3.8CFM	1/3HP		400ml	290×125×235	5.8Kg
JHVP-6	4.5CFM	5.5CFM	1/3HP		450ml	325×135×250	8.2Kg
JHVP-8	6.5CFM	7.5CFM	1/2HP		480ml	325×135×250	8.3Kg
JHVP-10	8.0CFM	9.5CFM	3/4HP		730ml	360×155×270	11Kg
JHVP-12	10CFM	12CFM	1HP		730ml	360×155×270	11Kg

Dual Stage Vacuum Pump

MODEL	FLOW RATE		POWER	ULTIMATE VACUUM	OIL CAPACITY	DIMENSIONS (mm)	WEIGHT (N.W)
	230V/50-60HZ	115V/60HZ					
2JHVP-2	1.5CFM	1.8CFM	1/4HP	15Micorns	350ml	290×129×235	6.1Kg
2JHVP-4	3.0CFM	3.8CFM	1/3HP		380ml	325×135×250	9.0Kg
2JHVP-6	4.5CFM	5.5CFM	1/2HP		400ml	325×135×250	9.0Kg
2JHVP-8	6.5CFM	7.5CFM	3/4HP		580ml	360×155×270	14Kg
2JHVP-10	8.0CFM	9.5CFM	3/4HP		550ml	360×155×270	14Kg
2JHVP-12	10CFM	12CFM	1HP		550ml	360×155×270	14Kg

Single Stage Vacuum Pump With Gauge

MODEL	FLOW RATE		POWER	ULTIMATE VACUUM	OIL CAPACITY	DIMENSIONS (mm)	WEIGHT (N.W)
	230V/50-60HZ	115V/60HZ					
JHVP-2SV	1.5CFM	1.8CFM	1/4HP	150Micorns	430ml	290×125×235	4.6Kg
JHVP-3SV	2.5CFM	3.0CFM	1/4HP		400ml	290×125×235	4.6Kg
JHVP-4SV	3.0CFM	3.8CFM	1/3HP		400ml	290×125×235	5.8Kg
JHVP-6SV	4.5CFM	5.5CFM	1/3HP		450ml	325×135×250	8.2Kg
JHVP-8SV	6.5CFM	7.5CFM	1/2HP		480ml	325×135×250	8.3Kg
JHVP-10SV	8.0CFM	9.5CFM	3/4HP		730ml	360×155×270	11Kg
JHVP-12SV	10CFM	12CFM	1HP		730ml	360×155×270	11Kg

Dual Stage Vacuum Pump With Gauge

MODEL	FLOW RATE		POWER	ULTIMATE VACUUM	OIL CAPACITY	DIMENSIONS (mm)	WEIGHT (N.W)
	230V/50-60HZ	115V/60HZ					
2JHVP-2SV	1.5CFM	1.8CFM	1/4HP	15Micorns	350ml	290×129×235	6.1Kg
2JHVP-4SV	3.0CFM	3.8CFM	1/3HP		380ml	325×135×250	9.0Kg
2JHVP-6SV	4.5CFM	5.5CFM	1/2HP		400ml	325×135×250	9.0Kg
2JHVP-8SV	6.5CFM	7.5CFM	3/4HP		580ml	360×155×270	14Kg
2JHVP-10SV	8.0CFM	9.5CFM	3/4HP		550ml	360×155×270	14Kg
2JHVP-12SV	10CFM	12CFM	1HP		550ml	360×155×270	14Kg

Refrigerant Recovery Machine



The recovery machine provides fast recovery of all common refrigerants including R-410a.

- Oil-less compressor 1/2 HP, maintenance free
- Sturdy construction
- Automatic recovery of liquid and vapor refrigerants
- Self purging feature
- Tank overfill sensor
- Built-in filter, easy to clean and replace

MODEL		RECO250S/RECO250SD		
		Cat. III	Cat. IV	Cat. V
REFRIGERANTS		R12, R134A, R410C, R406A, R500	R22, R410A, R401B, R402B, R407C, R407D, R408A, R409A, R411A, R411B, R412A, R502, R509	R402A, R404A, R407A, R407B, R410A, R507
POWER		110-270V / 60Hz	220-240V 50 / 60Hz	110-220V 50 / 60Hz
MOTOR		1/2HP AC, Capacitor Start		
Maximal Current Draw		4A/50Hz 8A/60Hz		
COMPRESSOR		Oil-less, Air Cooled, Piston Style		
REFRIGERANT RECOVERY RATE	VAPOR (KG/MIN)	0.23	0.25	0.26
	LIQUID (KG/MIN)	1.57	1.81	1.85
	PUSH/PULL (KG/MIN)	4.64	5.57	6.22
HIGH PRESSURE SHUT-OFF		1.57	1.81	1.85
LOW PRESSURE SHUT-OFF		Optional		
80% OFR. SHUT-OFF KIT		Optional		
OPERATING TEMPERATURE (°C)		0-40		
DIMENSIONS(MM)		485L*220W*365H		
NET WEIGHT (KGS)		12		

MODEL		RECO520S/RECO520SD		
		Cat. III	Cat. IV	Cat. V
REFRIGERANTS		R12, R134A, R410C, R406A, R500	R22, R410A, R401B, R402B, R407C, R407D, R408A, R409A, R411A, R411B, R412A, R502, R509	R402A, R404A, R407A, R407B, R410A, R507
POWER		110-270V / 60Hz	220-240V 50 / 60Hz	110-220V 50 / 60Hz
MOTOR		1HP AC, Capacitor Start		
Maximal Current Draw		6A/50Hz 12A/60Hz		
COMPRESSOR		Twin-piston Style		
REFRIGERANT RECOVERY RATE	VAPOR (KG/MIN)	0.46	0.50	0.52
	LIQUID (KG/MIN)	3.14	3.62	3.70
	PUSH/PULL (KG/MIN)	9.28	11.14	12.44
HIGH PRESSURE SHUT-OFF		3.14	3.62	3.70
LOW PRESSURE SHUT-OFF		Optional		
80% OFR. SHUT-OFF KIT		Optional		
OPERATING TEMPERATURE (°C)		0-40		
DIMENSIONS(MM)		485L*220W*365H		
NET WEIGHT (KGS)		13		



CP Series Condensate Removal Pump

CP series pumps are designed for removal of condensate water from an air conditioner, dehumidifier and air cooler.

- 1/30 hp high performance motor
- High impact ABS tank
- Thermal overload protection
- 2 inlet drain holes

MODEL	CP15
Capacity	105 Gallon/Hour @ 1 FT.(397 Liter/Hour @ 0.31 M)
Shut Off	20 FT.(6.1M)
Discharge	3/8" O.D. Barbed
Electrical	115V, 60Hz, 2.2A
Cord	6FT.(1.8M)
Approval	UL

MODEL	CP20
Capacity	90 Gallon/Hour @ 1 FT.(340 Liter/Hour @ 0.31 M)
Shut Off	14 FT.(4.3M)
Discharge	3/8" O.D. Barbed
Electrical	230V, 50/60Hz, 1.1/1.4A
Cord	6FT.(1.8M)
Approval	CE



Mini Orange Pump

The mini orange pump is a perfect design for removal of condensation water from small commercial & domestic A/C units.

- Thermal protected
- CE certified

MODEL	Mini Orange Pump
Capacity	14 Gallon/Hour
Maximal	8M
Discharge	6MM I.D.
Electrical	220-240V AC < 16W, 50/60Hz



Specification

Standard		Optional on request
Material	PVC	PA,PP,PERT available on request
Color	White,black	Other color available on request
Diameter	Recommended 10-90mm	
Length	Recommended 10,20,30m	

Flexible PVC Pipe

For A/C condensate drainage application

The PVC pipes are flexible and with high tenacity for convenient handling and installation. Widely used for drainage of condensate water from air conditioner, dehumidifier and other refrigeration equipments.

Available in various lengths to suit your plumbing needs.



Nylon Tie

Made of 100% nylon, for securing wiring and bundling tubing insulation, up to 15" (380 mm) bundle diameter.

Specification

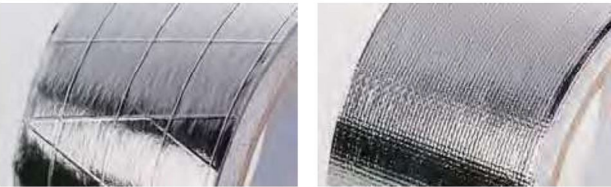
Length mm	Width mm	Tensile Strength	
		Lbs	Kgs
60 to 200	2.5	18	8
150 to 370	3.6	40	18
200 to 500	4.8	50	22
200 to 550	7.2	120	55
400 to 1200	9	175	79.4



Aluminum Foil Tape

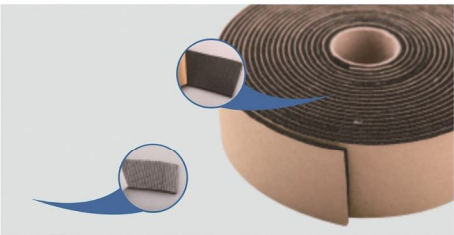
The aluminum foil tape is silver in color, suitable for residential or commercial site application including rigid and flexible HVAC duct work, e.g. fiber glass duct insulation.

Size: recommend in 2.5" x 60 yd.



Reinforced Aluminum Foil Tape

The reinforced aluminum foil tape that combines the superior sealing benefits of foil with the ease of handling and strength of cloth.



The tape is 1/8" thick, 2" wide and 30' long. Each roll is individually packed in plastic bag or cardboard cartons.

Insulation Foam Tape

The insulation foam tapes are particularly suitable for wrapping hot and cold pipe, tubing and fittings.

- Closed cell for excellent thermal conductivity
- High flexibility & self-adhering for easy to apply
- Stop condensation & prevent heat gain/loss

Insulation Cork Tape

The insulation cork tape is cork-filled, rubber-based and ideal for retarding heat gain in cold pipes and preventing heat loss in hot pipes.

- For all kinds of HVAC/R applications
- Self-adhering for easy to apply
- Energy saving



Non-Adhesive PVC Tape

The non-adhesive PVC tapes have very good resistance to chemicals that normally been used for the binding of cables, insulating pipes and electrical assembly for varied industrial applications.

Color: yellow, light grey, black, etc.

Width: from 10 to 600 mm

Length: up to 100 m



Cloth Duct Adhesive Tape

Those cloth self-adhesive tapes are strong and with anti-corrosive adhesion suitable to the most surfaces in a variety of environments.

Color: white, black, grey, etc.

Width: from 10 to 50 mm

Length: up to 50 m



PVC, PE Adhesive Tape

PVC Pipeline Adhesive Tape

For universal use for industry and domestic installation and repairing. Good resistance to low and high temperatures.

PVC Insulation Adhesive Tape

Suitable for electrical insulating work in particular for high voltage insulation cable assembly, repairing of damaged insulation.

PE Adhesive Tape

Anti-corrosion and high adhesive strength tape for duct sealing, protecting and repairing works. Excellent electrical insulating properties.

Color: yellow, red blue, etc.

Width: from 10 to 50 mm

Length: up to 50 m

Folded Bracket

For air conditioner mounting

- Fast, easy and accurate installation
- Rubber mounts to reduce vibration and noise
- Brackets are supplied with fixing screws, plugs and rubber mounts

Material

- Stainless steel / galvanized steel with powder coating / cold rolled steel with powder coating

Model	Horizontal Bar	Vertical Bar	Thickness
	mm	mm	mm
ACB-F1	450	400	1.5
ACB-F2	500	400	1.5
ACB-F3	550	400	2
ACB-F4	650	450	2

Bolt Type Bracket

- Fast, easy and accurate installation
- Rubber mounts to reduce vibration and noise
- Brackets are supplied with fixing screws, plugs and rubber mounts

Material

- Stainless steel / galvanized steel with powder coating / cold rolled steel with powder coating

Specification

Model	Horizontal Bar	Vertical Bar	Thickness
	mm	mm	mm
ACB-4	500	500	3

Clasp Type Bracket with Crossbar

- Crossbar for easy installation and adjustment of mounting distance
- Rubber mounts to reduce vibration and noise
- Brackets are supplied with fixing screws, plugs and rubber mounts

Material

- Stainless steel / galvanized steel with powder coating / cold rolled steel with powder coating

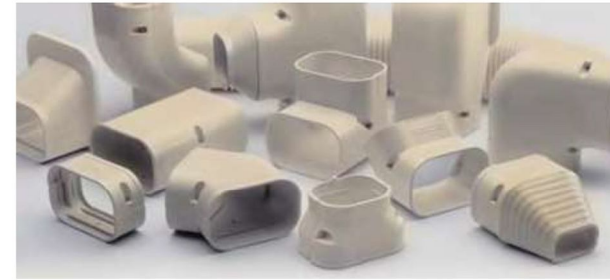
Specification

Model	Horizontal Bar	Vertical Bar	Cross Bar	Thickness
	mm	mm	mm	mm
ACB-5A	380	400	750	1.5
ACB-5B	480	420	750	1.5
ACB-5C	600	420	1000	2

Line Set Cover

For professional ductless A/C system installation

Those covers and fittings are specially designed to protect exposed connection tubes, electrical cables, wires and drain pipes.



Ducting

Model	L mm	W mm	H mm
AD-80	2000	80	63
AD-110	2000	110	78
AD-150	2000	150	100

90 Vertical Elbow

Model	L mm	W mm	H mm
AC-80	114	80	114
AC-110	138	110	138
AC-150	183	150	183

Adjustable Flat Elbow 90° – 135°

Model	L mm	W mm	H mm
AKM-80	150	80	63
AKM-110	200	100	76
AKM-150	280	150	100

Coupler

Model	L mm	W mm	H mm
AJ-80	70	80	63
AJ-110	96	110	76
AJ-150	130	150	100

Wall Inlet

Model	L mm	W mm	H mm
AW-80	200	110	82
AW-110	250	150	100
AW-150	290	200	130

Support

Model	L mm	W mm	H mm
GAB-350	350	105	95
GAB-400	400	105	95
GAB-450	450	105	95
GAB-1000	1000	105	95
GAB-2000	1000	105	95



Vertical Type



Horizontal Type



Hermetic Type

Flexible Tube

Model	L mm	W mm	H mm
HFK-80	750	76	60
HFK-110	750	106	73
HFK-150	750	146	97

Tee

Model	L mm	W mm	H mm
ATK-110	260	163	76
ATK-150	340	214	100

Adjustable Vertical Elbow 45° – 90°

Model	L mm	W mm	H mm
ACM-80	130	80	63
ACM-110	180	100	76
ACM-150	230	150	100

Coupler Reducer

Model	L mm	W mm	H mm
AJH-110	60	110	70
AJH-150	70	150	100

End Fitting

Model	L mm	W mm	H mm
AE-80	70	85	67
AE-110	100	116	80
AE-150	130	156	105

Wall Flange

Model	L mm	W mm	H mm
HKK-80	123	105	32
HKK-110	166	132	45
HKK-150	220	170	50

Embedded Installation Box

Model	L mm	W mm	H mm
GEB-50	422	102	50
GEB-70	422	102	70



Insulation Tube and Sheet

The flexible insulation tubes and sheets can be easily installed to pipe or tubing, which provides a highly efficient method of insulating against both heat loss and heat gain.

- High resistance to water vapor
- Flexibility for easy installation
- Low density and closed cell structure to save energy consumption



Continuous Sheet Roll

The insulation sheet is an ideal choice when insulating tanks, large pipes or irregular shapes.

Those sheets normally come in rolls, sizes on request.

Glass Wool Insulation

The glass wool thermal insulation comes with aluminum foil faced, normally supplied in compression packed rolls and easy to cut and install.

- Non-combustible, high absorption of noise
- Long-life & energy saving
- Light weight & maintenance free

Aluminum Flexible Duct

This flexible duct is made by laminated fire-resistant aluminum foil and high tensile steel wire helix which can be compressed to 10% of its extended length.

- Duct diameter: 3" to 12.5"
- Standard Length: 10 meter
- Temperature range: -30 °C to +140 °C
- Max. working pressure: 2500 pa



Cold Storage Panel

We provide high quality panels for cold storage and food processing industries.

- Superior structural performance
- Quick and easy installation
- Minimal maintenance

Panel Material Selection

Material	Characteristics	Applications	Thickness
Stainless steel	High corrosion and heat resistance, non-magnetic	Cold storage of seafood	0.5 – 1.5 mm
PVF steel	Made by thin steel, surface composite light or inferior smooth PVC film	Seafood trunk or refrigerated container	0.6 / 0.8 mm
Stucco embossed aluminum	Use mold to make the at aluminum plate extrusion grain	Kitchen	0.6 / 0.8 mm
Painted galvanized steel	Hot galvanized or hot dip aluminum zinc plate as substrate, then coated lacquer	Cold storage of hotel, logistics or warehousing	0.326 – 0.8 mm
Galvanized steel	80 – 125 grams hot galvanizing on the surface plating layer	Cold storage bedplate	0.5 – 1.5 mm

Polyurethane Layer Specification

Density	40 ± 2 kg/m3
Heat conductivity	≤0.024 W/m*k
Compressive strength	≥160 Kpa
Thickness	50, 75, 100, 150 and 200 mm



PVC Strip Curtain

The PVC strip curtains are flexible, transparent-blue suitable for installation in preservation (+0 °C) and freezing (-20 °C) cold storage.

Significant energy savings due to the reduction in massive temperature losses.

Dimension: 200 x 2mm or 300 x 3mm in coil of 50m.

Specification

Density	Thickness	Length	Width	Thermal Conductivity
kg/m3	mm	m	mm	W/mK
12 to 48	25 to 150	10 to 25	1200	0.033 to 0.060



Hinged Door

- Suitable for small cold rooms for preservation (+0 °C) and freezing (-20 °C).
- Quick, easy installation.
- High degree of insulation and energy efficiency.
- Ideal closure for doors in small refrigerated spaces.
- Available in a variety of finishes to meet the customer's requirements.



Hinged door



Insert hinged door

Sliding Door

- The sliding doors are recommended for large cold rooms with high load traffic and large doors subject to intensive use.
- Time-saving, as the door allows faster handling of goods and optimal workflows.
- Perfect for the meat, fishing, fruit and vegetable, dairy and logistics industries.



Sliding door



Automatims sliding door

LATCH&HINGE

Material:

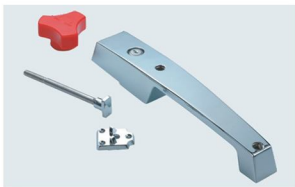
High strength 4-1 zincalloy polished surface with chrome plated



CX-1178/CX-1178S



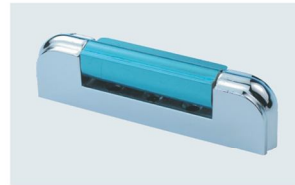
CX-1670



CX-201



CX-1432



CX-1332



CX-30680



CX-1400

CX-1580T

Material:

Iron founding polished surface with chrome plated

COLD STORAGE SOLUTIONS



CUSTOMIZATION:

AI Intelligent Electronic Control System

Dynamic power adjustment by environment: faster cooling, power-saving operation



B1 Handmade Panel



Scroll Compressor



Hot Gas Defrost Unit



Piston Compressor

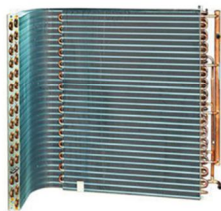


Cooling Fan

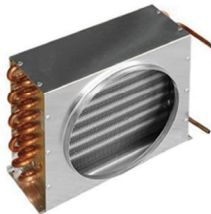


Screw Compressor

FIN TUBE HEAT EXCHANGER



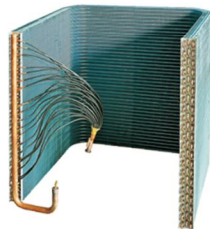
Domestic Air Conditioner



Food Refrigerating



Condenser For Cold Storage



Commercial Air Conditioner



Cold Storage Evaporator



Miniture Display Cabinet Condenser

PARAMETER

TUBE DIA (mm)	HOLE*ROW DISTANCE (mm)	FIN TYPE	FIN PITCH (mm)
φ7	21*18.2	Louver, Sine Wave, Flat Fin	1.2-3.0
	21*12.7	Louver, Sine Wave, Flat Fin	1.2-2.5
	19.05*16.5	Louver, Sine Wave, Flat Fin	1.2-2.5
φ7.94	25.4*22	Louver, Sine Wave, Flat Fin	1.5-2.5
	22*19.05	Louver, Sine Wave, Flat Fin	1.5-2.5
	25.4*22	Louver, Sine Wave, Flat Fin	1.5-5.5
φ9.52	25*21.65	Louver, Sine Wave, Flat Fin	1.5-5.5
	31.75*27.5	Sine Wave, Flat Fin	1.5-6.0
	38.1*33	Sine Wave, Flat Fin	1.5-9.0
φ12.7	38.1*33	Sine Wave, Flat Fin	1.5-6.0
	50*50	Sine Wave, Flat Fin	1.5-10.0

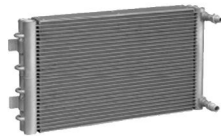
MICRO-CHANNEL HEAT EXCHANGER



Domestic Air Conditioner



Commercial Air Conditioner



Automobile Air Conditioner



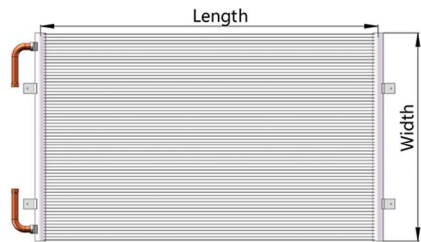
Subway Air Conditioner



Machiner Room Air Conditioner



Container Air Conditioner



COIL PARAMETER

Max.Product Dimension

6000mm×1600mm (L*W) /236" × 63" (L*H)

Min.Product Dimension

80mm×80mm (L*H) /3.15" × 3.15" (L*H)

MCHE : 12MM , 16MM , 18.8MM , 20MM , 22MM , 25.4MM , 32MM and 36MM

Thickness

Dry Cooler : 25.4MM , 32MM and 36MM

Flat tube for Long Using Life material LLA 9153

HEAD PIPE (mm)	FLAT TUBE (mm)	FIN (mm)	FLAT TUBE PITCH (mm)
φ16*1.2	8*1.3	10.8*0.08*8.1	9.4
φ16*1.2	12*1.4	12*0.08*8.0	9.4
φ20*1.2	16*1.3	16*0.08*8.1	9.4
φ20*1.2	16*1.8	16*0.08*8.0	9.8
φ25*1.2	18*1.3	20*0.08*8.1	9.4
φ25*1.2	20*2.0	20*0.08*8.1	10.1
φ30*1.2	25.4*2.0	25.4*0.08*8.1	10.1
φ32*1.2	25.4*1.3	25.4*0.08*8.1	9.4
φ32*1.2	25.4*2.0	25.4*0.08*8.1	10.1