



REFRIGERATION PARTS & TOOLS

2023



**NINGBO YIHE REFRIGERATION
EQUIPMENT CO., LTD.**

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WE PRODUCE

- Refrigerant
- Welding Gas
- Welding Torch
- PVC Tape

RTM group was established in 2011 and started from exporting the HVAC & Welding products to the world. With the development over 10 years, RTM has grown into a group enterprise with three ISO90001 factories, including Ningbo D&H Cylinder MFG, Xiangshang Changyu Tool MFG and Yongan Gas Co., Ltd., which mainly engaged in cylinder manufacture, gas filling manufacture, and HVAC&Welding tools and accessories.

>> TORCHES FACTORY

Xiangshang Changyu Tool MFG was founded in 2010, the manufacturer of welding torches and auto-aircondition tools (Manifolds & Hydraulic Crimper). It covers 8000sqm building area.

>> CYLINDER FACTORY

NINGBO D&H MACHINERY MFG. was founded in 2017. Specialized in retail Cylinder. This is our first cylinder factory, and covers an area of 8000 square meters.

>> GAS-FILLING FACTORY

Yongan Gas Co., Ltd. was founded in 2020, located in Quzhou city, mainly focuses on manufacturing retail Can and Hazardous gas filling line. It owns 40,000sqm gas-filling factory and 12000sqm cylinder factory. In order to make the better service for our global business, in 2020, Yongan Gas Co., Ltd. established a US company named Yong An Gas USA Inc which is located in Los Angeles CA.

>> PVC TAPE FACTORY

RTM also have own production line for PVC air condition tape. We have 4 large numerical control production lines from Japan and Taiwan, and more than 36 sets of automatic numerical control air conditioner tape cutting and slitter machine. Annual output of various types of PVC film more than 1,000 tons and PVC air conditioning tape more than 5 million rolls.

Welding Gas

PRO GAS

RTM 400g PRO GAS cylinder provides maximum heat output for more efficient use and faster soldering times. Designed for heavy-duty applications including soldering&brazing copper pipes, automotive repair,loosing rusted nuts and many other heat-treating applications . The slim,lightweight cylinder is easy to grip and maneuver.

- CGA600 Connection
Designed with PRO GAS Compatible torches
- Flame temperature in air 2100°C.
Ideal for soldering&brazing&heating
- Faster heat transfer and less consumption
Than 450g mixture gas and propane
- Slim, Lightweight Cylinder
Easy to grip and maneuver



PROPANE

The 400g propane cylinder designed to work with standard propane torches, ideal for small heating and soft soldering tasks. The slim, lightweight cylinder is easy to grip and maneuver.

- CGA600 Connection
Designed with Propane-Compatible Torches
- Flame Temperature in Air 1982°C
Ideal for general soldering and heating
- Slim, Lightweight Cylinder
Easy to grip and maneuver



PRO GAS VS. PROPANE Work is completed most efficiently with the primary flame. PRO GAS fuel has more heat transfer in the primary flame than Propane.

	PRO GAS	PROPANE
FUEL		
FLAME TEMPERATURE IN AIR	3,812°F 2100°C	3,600°F 1982°C

CAMPING GAS

This 453g lightweight, universal tank fits all standard portable propane appliances, tabletop grills and propane torches with a CGA 600 connection and is ideal for on-the-go cooking, grilling, heating and lighting. It is constructed with durable steel and reliable valves that provide safe and easy use.

- CGA600 Connection,fit for most portable appliance,grills and lanterns requiring propane
- Lightweight Design,for Easy to carry
- Durable Steel Construction



OXYGEN

Applied into RTM mapp&oxygen welding torches for a high-intensity flame that can cut thin steel, braze and weld. The Oxygen Cylinder is constructed of durable steel with a higher working pressure.

- CGA 601 left handed connection for Safety
Use Only with Oxygen/Fuel Torches
For high burn temperatures and fast work times
- Slim, Lightweight Torch Set
Easy to grip and maneuver
- Durable Steel Construction
With the 40g oxygen
- Ideal for Use With
The RTM OX60P&OX60PG Brazing Torch Kit



Welding Torch



HT-1
360°SWIVEL TORCH
CTN: 20 PCS / ctn



HT-1S
360°SWIVEL TORCH
CTN: 20 PCS / ctn



RTM-033
HIGH HEAT TORCH
CTN: 20 PCS / ctn



RTM-030
MAX HEAT TURBO TORCH
CTN: 20 PCS / ctn



HT-1S660
1.5m HOSE TORCH
CTN: 20 PCS / ctn

Torch Kit



OX60P
BRAZING & CUTTING TORCH
Packing: 1 kit / box, 6 boxes / ctn



OX70
BRAZING & CUTTING TORCH
Packing: 1 kit / box, 6 boxes / ctn



RTM-051
OXYGEN&ACETYLENE TORCH KIT
FOR HEAVY WELDING&CUTTING



RTM-030K
BRAZING & CUTTING TORCH
Packing: 1 kit / box, 6 boxes / ctn

BRAZING ROD



0% SILVER	2% SILVER	5% SILVER	6% SILVER	15% SILVER
1.3*3.2*500mm				
0% SILVER, 6.6%-7.4% Phosphorus, remainder Copper.	2% SILVER, 6.8%-7.2% Phosphorus, remainder Copper.	5% SILVER, 5.8%-6.2% Phosphorus, remainder Copper.	6% SILVER, 7%-7.5% Phosphorus, remainder Copper.	15% SILVER, 4.8%-5.2% Phosphorus, remainder Copper.
Melting range 710 C-820 C	Melting range 643 C-788 C	Melting range 645 C-815 C	Melting range 643 C-724 C	Melting range 645 C-800 C
Meets AWS A5.8				

Recovery Cylinder

Features

- 1.This cylinder is a welded steel cylinder used to refill refrigerant. It is widely used in refrigeration and air conditioning equipment.
- 2.Since the medium contained in the product has a high pressure at normal temperature and is sensitive to environmental changes, the use temperature is strictly limited to -20 to 55 ° C.
- 3.The refrigerant in the cylinder is coexisted in the gas and liquid phases at normal temperature. When the liquid phase refrigerant is required me cinda-sinvarted me Axternal ninaliners connected And me valva is discharden After the use ,the valve is closed.
- 4.Strictly control the use and storage environment temperature (-40-60 ° C). do not exceed. prohibit sun exposure and close to heat source



Model	Materials	Shape size	Cylinder height	General height	Color	Valve Thread	Capacity	Scope of use
RTM-30LB	HP295	Φ250mm	296mm	420mm	customized	Z3/4-18	13.6KG	R22:12.3KG,R410:9.0KG,R134A:12.4KG R507A:9.5KG,R404A:9.8KG,R407C:11.3KG
RTM-50LB	HP295	Φ280mm	330mm	460mm	customized	Z3/4-18	22.7KG	R22:20.5KG,R410:15KG,R134A:20.7KG R507A:15.8KG,R404A:16.3KG,R407C:18.8KG

PVC Air Conditioner Insulation Tape



Part No.	Size
PVC1	100mm*45m
PVC2	100mm*50m

*customizable size

Universal A/C Control System



- QD-U02B+**
- 3 fan speed
 - Luxury receiver
 - Transformer plug



- QD-U03A+**
- 3 fan speed
 - Colorful plug
 - Special for tapped-winding motor



- QD-U03C+**
- Auto restart
 - Double sensors
 - Outdoor fan controlled independently

A/C Remote Controller



- KT-E08**
- 6000 in 1
 - One-key function
 - Room temperature displayed



- KT-109II**
- Fast cool
 - Comfortable keys
 - Hybrid coding patent and no setting



- 1000 IN 1**
- 1000 in 1
 - Clock function
 - Intelligent cooling/heat-ing



- KT-1000**
- 1028 in 1
 - Sliding cover
 - Permanent memory

Bracket for A/C Outdoor Unit



B-1



B-2



B-3

Model	Shape size	Usable range	Color	Materials
B-1	460*460*350mm	1-1.5HP	Brown	angle iron
B-2	540*600*450mm	3HP	Brown	angle iron
B-3	540*540*430mm	2HP	Brown	angle iron



B-17C



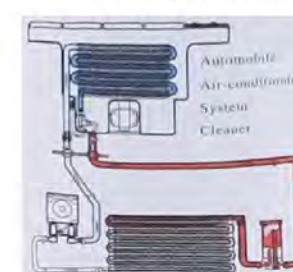
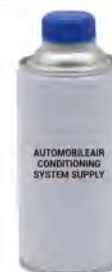
B-19C



B-21C

Model	Shape size	Usable range	Color	Materials
B-17C	400*450*2mm	1-1.5HP	White	cold-rolled Steel
B-19C	400*550*2mm	2-3HP	White	cold-rolled Steel
B-21C	500*600*2mm	3-5HP	White	cold-rolled Steel

Automobile air Conditioning System Cleanser



RTM a/c flush cleaner adopts international advanced materials, which can thoroughly clean the solidified mud, insect body and oil stains attached to the surface of the condenser, and the cleaning degree is up to 98%. Condenser bright as new, after washing, the car air conditioner system and engine heat dissipation is good, significantly reduce air conditioning system pressure and compressor internal wear, save fuel, prevent burst pipe and air conditioner system leak. It also speeds up the cooling speed, reduce fan high speed running time and car noise to extend air conditioner life.

Main ingredient Surface active agent, corrosion inhibitors, inorganic salts etc.

Manifold

- * Please indicate refrigerants, max 4 types in each gauge.
- * Please indicate length of hose-90cm,150,180cm and more.



RTM21NH-AUTO



RTM21NH-AC

Part No.	Pressure scale	Connction thread	Blind hole steps	Tee branch pipe
RTM21NH-AUTO	Low -30~550psi High -30~800psi	1 / 4 "SAE standard thread	Hanging the ordinary quick coupler and R1234yf special quick coupler	The tee branch pipe is equipped with a valve core and a sealing cap. Pressing the sealing cap to open the valve to release the gas
RTM21NH-AC	Low -30~550psi High -30~800psi	1 / 4 "SAE standard thread	5/16" SAE standard blind hole thread (The right end of valve body)	



Advantage

- * Needle-valve switch, metal seal, accurate flow regulation, 100% seal and longer service life;
- * Premium quality aluminum alloy valve, no leakage during 10Mpa;
- * Metal sealing at each connection, 100% sealing&enduring use;
- * 12 hours of 4.2MPa pressure-maintaining testing before delivery;
- * The working life of double core impact resistant refrigerant meter is over 30,000 times;
- * Metal seal with permanent self-inspection function



FC-536G



FC-636G

Part No.	Description
FC-536G	brass body,sight glass,2 gauges,336RYB hose
FC-636G	brass body,2 gauges,336RYB hose

Charging Hose



336RYB



M-336RYB



E-336RYB

Part No.	Size	Connection	Description
336RYB-B	3-36"	1/4" SAE	600-3000psi, for R22, R134a, R404a, R407c, R507
360RYB-B	3-60"	1/4" SAE	
372RYB-B	3-72"	1/4" SAE	
M-336RYB-B	3-36"	1/4" SAE	600-3000psi, for R22, R134a, R404a, R407c, R507, with ball valves in the middle of hose.
M-360RYB-B	3-60"	1/4" SAE	
M-372RYB-B	3-72"	1/4" SAE	
E-336RYB-B	3-36"	1/4" SAE	600-3000psi, for R22, R134a, R404a, R407c, R507, with ball valves in the end of hose.
E-360RYB-B	3-60"	1/4" SAE	
E-372RYB-B	3-72"	1/4" SAE	

Part No.	Size	Connection	Description
336RYB-C	3-36"	1/4"or 5/16"SAE	800-4000psi, for R22, R134a, R404a, R407c, R507
360RYB-C	3-60"	1/4"or 5/16"SAE	
372RYB-C	3-72"	1/4"or 5/16"SAE	
M-336RYB-C	3-36"	1/4"or 5/16"SAE	800-4000psi, for R22, R134a, R404a, R407c, R507, with ball valves in the middle of hose.
M-360RYB-C	3-60"	1/4"or 5/16"SAE	
M-372RYB-C	3-72"	1/4"or 5/16"SAE	
E-336RYB-C	3-36"	1/4"or 5/16"SAE	800-4000psi, for R22, R134a, R404a, R407c, R507, with ball valves in the end of hose.
E-360RYB-C	3-60"	1/4"or 5/16"SAE	
E-372RYB-C	3-72"	1/4"or 5/16"SAE	

* 1/2" ACME or other connction size available upon custome requirements

Color-coded Pressure and Compound Gauge



RG-500



RG-250



500-GF



250-GF



500B-GF



250B-GF

Part No.	Description
RG-250	Blue compound 30" -0-250 PSI, class 2.5, connection, bottom 1/8" NPT, 2-3/4" dia
RG-500	Red pressure 0-500PSI, class 2.5, connection bottom 1/8" NPT, 2-3/4" dia
250-GF	Compound filled glycerine 30"-0-250 PSI class 1.6, connection back 1/4" SAE, 2-3/4"dia, stainless steel frame
500-GF	Pressure filled glycerine 0-500 PSI, class 1.6, connection back 1/4" SAE, 2-3/4" dia, stainless steel frame
250B-GF	Compound filled glycerine 0-250 PSI, class 1.6, connection bottom 1/8" NPT, 2-3/4" dia, stainless steel frame
500B-GF	Pressure filled glycerine 0-500PSI, class 1.6, connection bottom 1/8NPT, 2-3/4" dia, stainless frame



WE DISTRIBUTE

- COPPER TUBE & FITTING & VALVE-----01-08
- SERVICE TOOL-----09-15
- ELECTRICAL PARTS-----16-20
- A/C & INSTALLATION PARTS-----21-22
- REFRIGERATION SPARE PARTS-----23-26
- FAN & MOTOR & COMPRESSOR-----27-30

COPPER TUBE & FITTING & VALVE

The Best Service Tools We Supply



ACR Soft Drawn Coil | 50ft or 15m Pancake Coil. Standard according to ASTM B280.
Ends capped, shrink wrapped package in cardboard box.



O.D.(inch)	Thickness(inch)	O.D.(mm)	Thickness(mm)
3/16	0.030	4.76	0.76
1/4	0.030	6.35	0.76
5/16	0.032	7.94	0.81
3/8	0.032	9.52	0.81
1/2	0.032	12.7	0.81
5/8	0.035	15.87	0.89
3/4	0.035	19.05	0.89
7/8	0.045	22.23	1.14

Capillary Tube. Standard according to ASTM B360.

Average O.D. Tolerance: $\pm 0.03\text{mm}$. Average I.D. Tolerance: $\pm 0.02\text{mm}$

Condition: Soft, Half hardness, Hardness, etc.



O.D.inch(mm)	I.D.inch (mm)	Thickness inch(mm)
0.072(1.83)	0.026(0.660)	0.023(0.584)
0.072(1.83)	0.028(0.711)	0.022(0.558)
0.081(2.06)	0.031(0.787)	0.025(0.635)
0.081(2.06)	0.033(0.838)	0.024(0.609)
0.087(2.21)	0.039(0.991)	0.024(0.609)
0.093(2.36)	0.042(1.07)	0.0255(0.648)
0.097(2.46)	0.046(1.17)	0.025(0.635)
0.106(2.69)	0.054(1.37)	0.026(0.660)
0.112(2.84)	0.059(1.50)	0.0265(0.673)
0.125(3.18)	0.064(1.63)	0.0305(0.775)
0.145(3.68)	0.080(2.03)	0.0325(0.826)
0.188(4.78)	0.130(3.30)	0.029(0.737)
0.200(5.08)	0.145(3.68)	0.0275(0.699)
0.220(5.59)	0.160(4.06)	0.030(0.762)
0.240(6.10)	0.175(4.45)	0.0325(0.826)

ACR Straight Tube | 20ft (6.1m) or 19ft (5.8m) Lengths* Standard according to ASTM B280.

Ends capped, wooden case packing.

Condition: Soft, Half hardness, Hardness, etc.



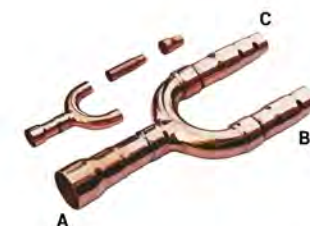
Outside(inch)	Diameter(mm)	Thickness(inch)	Thickness(mm)
3/8	9.52	0.030	0.76
1/2	12.7	0.035	0.89
5/8	15.87	0.040	1.02
3/4	19.05	0.042	1.07
7/8	22.23	0.045	1.14
1-1/8	28.58	0.050	1.27
1-3/8	34.93	0.055	1.4
1-5/8	41.28	0.060	1.52
2-1/8	53.98	0.070	1.78
2-5/8	66.68	0.080	2.03
3-1/8	79.38	0.090	2.29
3-5/8	92.08	0.100	2.54
4-1/8	104.78	0.110	2.79

Distribute Tube for Dakin Central Air-conditioner



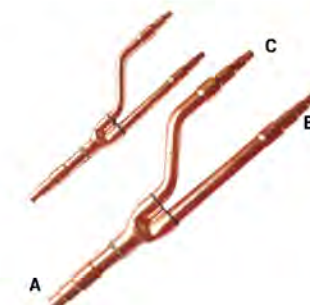
Part No.		A	B	C
11T	gas tube	19.05/15.88	15.88/12.7	15.88/12.7
	liquid tube	9.52	9.52/6.35	9.52/6.35
18T	gas tube	19.05/15.88	19.05/15.88/12.7	15.88/12.7
	liquid tube	9.52	9.52/6.35	9.52/6.35
22T	gas tube	19.05/15.88/12.7	15.88/12.7	15.88/12.7
	liquid tube	9.52	9.52/6.35	9.52/6.35
33T	gas tube	19.05/22.22	19.05/15.88	15.88/12.7
	liquid tube	12.7/9.52	9.52/6.35	9.52/6.35
37T	gas tube	25.4/28.58/31.8	25.4/19.05/15.88	19.05/15.88/12.7
	liquid tube	12.7/15.88	12.7/9.52	12.7/9.52/6.35
40T	gas tube	31.8/38.1	31.8/28.58/25.4	25.4/19.05/15.88
	liquid tube	19.05/15.88	19.05/15.88/12.7	15.88/12.7/9.52
72T	gas tube	25.4/28.58/31.8	25.4/19.05/15.88	19.05/15.88/12.7
	liquid tube	12.7/15.88	12.7/9.52	12.7/9.52/6.35
73T	gas tube	31.8/38.1	31.8/28.58/25.4	25.4/19.05/15.88
	liquid tube	19.05/15.88	19.05/15.88/12.7	15.88/12.7/9.52

Distribute Tube for Midea Central Air-conditioner



Part No.		A	B	C
FQZHN-01C	gas tube	19.1/15.88	19.05/15.88/12.7	19.05/15.88/12.7
	liquid tube	12.7/9.52	9.52/6.35	9.52/6.35
FQZHN-02C	gas tube	25.4/22.23	22.23/19.05/15.88/12.7	22.23/19.05/15.88
	liquid tube	9.52/12.7	12.7/8.52/6.35	12.7/9.52/6.35
FQZHN-03C	gas tube	31.75/28.6	28.6/22.23/19.05/15.88	28.6/22.23/19.05
	liquid tube	19.05/15.88	15.88/12.7/9.52/6.35	15.88/12.7/9.52
FQZHN-04C	gas tube	38.1/34.9	34.9/28.6/22.23/19.05	34.9/28.6/22.23
	liquid tube	22.23/19.05	19.05/15.88/12.7/9.52	19.05/15.88/12.7
FQZHN-05C	gas tube	44.5/41.3	41.3/34.9	44.5/41.3/34.9
	liquid tube	25.4/22.23	22.23/19.05/15.88/12.7	22.23/19.05/15.88

Distribute Tube for GREE Central Air-conditioner



Part No.		A	B	C
FQ01A	gas tube	19.05/15.88/12.7	15.88/12.7/9.52	15.88/12.7/9.52
	liquid tube	12.7/9.52	9.52/6.35	9.52/6.35
FQ01B	gas tube	22.22/19.05	19.05/15.88	19.05/15.88/12.7
	liquid tube	12.7/9.52	12.7/9.52	12.7/9.52/6.35
FQ01	gas tube	22.22/19.05/15.88	19.05/15.88/12.7	19.05/15.88/12.7/9.52
	liquid tube	12.7/9.52	12.7/9.52/6.35	12.7/9.52/6.35
FQ02	gas tube	28.58/25.44/22.22	28.58/25.4/22.22	22.22/19.05/15.88
	liquid tube	12.7/9.52	12.7/9.52	12.7/9.52/6.35
FQ03	gas tube	41.3/38.1/34.9/31.8	41.3/38.1/34.9/31.8	31.8/28.58/25.4/22.22
	liquid tube	19.05/15.88	19.05/15.88/12.7	15.88/12.7/9.52

Polyethylene (PE) Insulated Double Coil



INSULATION TECHNICAL DATA

Material	Highly Flexible Paired Polyethylene
Thermal Conductivity	0.035 w/m.k.at0 °C
Tensile Strength	55.8 N/cm ² (kgf/cm ²)
Water Absorption	0.0051 MAXg/100cm ²
Thickness Shrinkage	6%MAX@120±5 °C
Appearance Density	Inner Tube:0.028g/cm ³ ;Outside Tube:0.0303g/cm ³
Moisture Permeability	8.6*10-11g/(m ² ·s·pa)

Part No.	Pair Coil Description Copper Tube Outside Diameter*Wall Thickness(mm)	Insulating Thickness (mm)	R-Value	Pair Coils Per Carton
FC-1438	6.35*0.80-9.53*0.80	8	0.26	1
FC-1412	6.35*0.80-12.70*0.80	8	0.26	1
FC-1458	6.35*0.80-15.88*1.00	8	0.26	1
FC-3812	9.53*0.80-12.70*0.80	8	0.26	1
FC-3858	9.53*0.80-15.88*1.00	8	0.26	1
FC-3834	9.53*0.80-19.05*1.00	8	0.26	1
FC-1234	12.70*0.80-19.05*1.00	8	0.26	1

Capillary Tube with Nuts



Part No.	Tube Size
CT-900MM	Copper Tube Diameter:1/8",Length:90cm with two 1/4"brass falre nuts
CT-1200MM	Copper Tube Diameter:1/8",Length:120cm with two 1/4"brass falre nuts
CT-1500MM	Copper Tube Diameter:1/8",Length:150cm with two 1/4"brass falre nuts

Tubing Tool Kit



AD-58/85



AD-68/86



AD-78/87



AD-89/98



AD-89S/98S

Part No.	Female	Male	Other	Application
AD-58	1/2"-20UNF(5/16"SAE)	1/4"SAE		
AD-85	1/4"SAE	1/2"-20UNF(5/16"SAE)		
AD-68	1/2"-20UNF(5/16"SAE)	1/4"SAE		
AD-86	1/4"SAE	1/2"-20UNF(5/16"SAE)		
AD-78	1/2"-20UNF(5/16"SAE)	1/4"SAE		
AD-87	1/4"SAE	1/2"-20UNF(5/16"SAE)		
AD-89	1/2"-20UNF(5/16"SAE)	1/4"SAE		
AD-98	1/4"SAE	1/2"-20UNF(5/16"SAE)		
AD-89S	1/2"-20UNF(5/16"SAE)	1/4"SAE		
AD-98S	1/4"SAE	1/2"-20UNF(5/16"SAE)		

W/core &
Depressor

R-410A
International

Copper Fitting

The copper fittings have covered ASME B16.22, EN1254-1 & ASTM B88L standards.
The ASME B 16.22 standard ranges from 1/4" to 10-1/8", EN1254-1/BS864-2 standard ranges from 6mm to 219mm.
Products approved by UPC, NSF61, WRAS, ROHS.



Coupling Rolled Stop CxC
Size: 1/4-4



Coupling Reducing CxC
Size: 1/4x3/8-4x3



Cap
Size: 1/4-4



90°Elbow Short Radius CxC
Size: 1/4-4



90°Elbow Short Radius - Street FTGxC Elbow
Size: 1/4-4



45°Elbow CxC
Size: 1/4-4



45°Elbow - Street CxC
Size: 1/4-4



Tee CxCxC
Size: 1/4-4



Fitting Reducer FTGxC
Size: 1/4x3/8-4x3



Adapter - Male CxMPT
Size: 1/4-4



Adapter - Female FTGxFPT
Size: 1/4-4



90°Elbow Long Radius CxC
Size: 1/4-4



Coupling Dimple Tube Stop
Size: 1/4-4



Coupling No Stop
Size: 1/4-4



Copper Tube Strap Two-hole
Size: 3/8-2



Copper Crimp Ring
Size: 3/8-1 1/2



90°Elbow Long Radius - Street CxC
Size: 1/4-4



P-Trap CxC
Size: 1/2-2



U Bend CxC
Size: 1/4-2



Adapter - Female CxFPT
Size: 3/8-2 1/2



Adapter - Male FTGXMPT
Size: 3/8*2 1/2



Union CxC
Size: 3/8-3



Tee Reducing CxCxC
Size: 1/4x1/4x1/8-4x3x3



Elbow 90° CxC
Size: 6mm-108mm



Obtuse Elbow 45° CxC
Size: 6mm-108mm



Reducer Coupler CxC
Size: 10x6mm-108x89mm



Coupler
Size: 6mm-108mm



Equal Tee
Size: 6mm-108mm



Reducing Tee
Size: 8x8x6mm-108x67x108mm



90°Bend FTGxC
Size: 6mm-108mm



U-bend CxC
Size: 10mm-54mm



Stop End
Size: 6mm-108mm



Full Crossover
Size: 12mm-22mm



Male Coupler
Size: 12mmx3/8"-76mmx3"



Female Coupler
Size: 12mmx3/8"-54mmx2"



Bent Tap Connector
Size: 3/8" x12mm-1" x28mm



Straight Tap Connector
Size: 3/8" x10mm-2" x54mm



SR Equal Tee
Size: 8mm-66.7mm



SR Reducing Coupling
Size: 8x6mm-67x54mm



SR Stop End
Size: 8mm-54mm



SR Bent Tap Connector
Size: 15mmx1/2", 22mmx3/4"

Brass Fitting



Short Nut

Part No.	Flare Size
SN-04	1/4"
SN-05	5/16"
SN-06	3/8"
SN-08	1/2"
SN-10	5/8"
SN-12	3/4"
SN-14	7/8"



Forged Nut

Part No.	Flare Size
FN-04	1/4"
FN-05	5/16"
FN-06	3/8"
FN-08	1/2"
FN-10	5/8"
FN-12	3/4"
FN-14	7/8"



Union Tee

Part No.	Flare Size
UT-04	1/4"SAE*1/4"SAE*1/4"SAE
UT-06	3/8"SAE*3/8"SAE*3/8"SAE
UT-08	1/2"SAE*1/2"SAE*1/2"SAE
UT-10	5/8"SAE*5/8"SAE*5/8"SAE
UT-12	3/4"SAE*3/4"SAE*3/4"SAE



Union Elbow

Part No.	Flare Size
UE-04	1/4"SAE*1/4"SAE
UE-06	3/8"SAE*3/8"SAE
UE-08	1/2"SAE*1/2"SAE
UE-10	5/8"SAE*5/8"SAE
UE-12	3/4"SAE*3/4"SAE



Standard Union

Part No.	Flare Size
SU-04	1/4"SAE*1/4"SAE
SU-05	5/16"SAE*5/16"SAE
SU-06	3/8"SAE*3/8"SAE
SU-08	1/2"SAE*1/2"SAE
SU-10	5/8"SAE*5/8"SAE
SU-12	3/4"SAE*3/4"SAE
SU-14	7/8"SAE*7/8"SAE



Female Union

Part No.	Flare Size
FU-04	1/4"Female*1/4"Female
FU-05	5/16"Female*5/16"Female
FU-06	3/8"Female*3/8"Female
FU-08	1/2"Female*1/2"Female
FU-10	5/8"Female*5/8"Female
FU-12	3/4"Female*3/4"Female
FU-14	7/8"Female*7/8"Female



Union Tee

Part No.	Flare Size
R-04*06	1/4"Female*3/8"Male
R-06*08	3/8"Female*1/2"Male
R-06*10	3/8"Female*5/8"Male
R-08*06	1/2"Female*3/8"Male
R-10*08	5/8"Female*1/2"Male
R-12*08	3/4"Female*1/2"Male



Reducing Union(SAE)

Part No.	Flare Size
RU-05*04	5/16"SAE*1/4"SAE
RU-06*04	3/8"SAE*1/4"SAE
RU-08*04	1/2"SAE*1/4"SAE
RU-08*06	1/2"SAE*3/8"SAE
RU-10*06	5/8"SAE*3/8"SAE
RU-10*08	5/8"SAE*1/2"SAE
RU-12*08	3/4"SAE*1/2"SAE
RU-12*10	3/4"SAE*5/8"SAE

Filter Drier



Filter Drier

Part No.	Molec.Sieve	Size(Φ×L)	Inlet(Pc×Φ)	Outlet(Out Dia.)
FD-10	10g	Φ16mm×115mm	6.35mm	2.5mm
FD-15	15g	Φ19mm×115mm		2.5mm
FD-20	20g	Φ24mm×125mm		2.5mm
FD-30	30g	Φ24mm×140mm		2.5mm
FD-40	40g	Φ24mm×150mm		3.1mm
FD-50	50g	Φ29mm×160mm		3.1mm



A/C Filter(Strainer)

Part No.	Size(Φ×L)	Inlet(Pc×Φ)	Outlet(Out Dia.)
ACF-03	Φ19mm×105mm	1×1/4"	2×1/8"
ACF-04	Φ19mm×105mm		3×1/8"
ACF-05	Φ19mm×105mm		4×1/8"



Accumulator

Part No.	Size(Φ×L)	Inlet(Pc×Φ)	Outlet(Out Dia.)
AFE-02	Φ19mm×150mm	3/8"	1/4"
AFE-03	Φ24mm×190mm	3/8"	3/8"
AFE-04	Φ22.2mm×200mm	5/16"	5/16"
AFE-05	Φ45mm×170mm	5/8"	3/8"
AFE-06	Φ48mm×200mm	1/2"	1/2"



Filter Drier

Part No.	Molec.Sieve (Gr.)	Filter Body Sizes			Connection	
		Φ(mm)	L(mm)	L(mm)	A(mm)	B(mm)
SDF-10	10g	19	105	205	6.35/2.5	6.35
SDF-15	15g	19	125	225	6.35/2.5	6.35
SDF-20	20g	24	120	220	6.35/2.5	6.35
SDF-25	25g	24	140	240	6.35/3.1	6.35
SDF-30	30g	24	150	275	6.35/3.1	6.35
SDF-50	50g	29	160	280	6.35/3.1	6.35



Filter Drier With Capillary

Part No.	Molec.Sieve (Gr.)	Filter Body Sizes		Connection		Capillary Sizes	
		Φ(mm)	L(mm)	A(mm)	B(mm)	Φ(mm)	L(mm)
SDF-10	10	16	115	6.35	6.35	2.08	96
SDF-06	6	18.8	90	6.35	4.75	2.08	96
SDF-07	7	18.8	100	6.35	4.75	2.08	100
SDF-15	15	25.4	100	6.35	4.75	2.08	100



Filter Flare Type

Part No.	Molec.Sieve (Gr.)	Filter Body Sizes		L(mm)
		Φ(mm)	Φ(mm)	
H44	0	16		120
H55	15	19		135

Access Valve



Part No.	Tube Size
AV-03	3/16"
AV-04	1/4"
AV-05	5/16"
AV-06	3/8"

Access Solder Union Without Tube



Part No.	Tube Size
U1-4A	Access Fittings-Stub Tube, 3/16" ODS x 1/4" ODF
U1-4B	Access Fittings-Stub Tube, 1/4" ODS x 3/8" ODF

Multi Size Solder Union



Part No.	Tube Size
CT-7000	For 1/8" O.D. 3/16" x 1/4" x 5/16" x 3/8", 1/2" I.D. tube use
CT-7001	For 1/8" O.D. 1/4" x 3/8" x 1/2" I.D. tube use
CT-7002	For 1/4" O.D. 3/8" x 1/2" I.D. tube use
CT-7003	For 1/4" O.D. 5/16" I.D. tube use

Air conditioner valve



Part No.	Size
ACV-02	1/4"
ACV-02.5	5/16"
ACV-03	3/8"
ACV-04	1/2"
ACV-05	5/8"
ACV-06	3/4"

Air conditioner valve



Part No.	Size
ACV-02S	1/4"
ACV-02.5S	5/16"
ACV-03S	3/8"
ACV-04S	1/2"
ACV-05S	5/8"
ACV-06S	3/4"

SightGlass, Flare Type



Part No.	Size
FC-02F	1/4"
FC-03F	3/8"
FC-04F	1/2"
FC-05F	5/8"
FC-06F	3/4"

Welding Sight Glass With Copper Tube



Part No.	Size
FC-02S	1/4"
FC-03S	3/8"
FC-04S	1/2"
FC-05S	5/8"
FC-06S	3/4"

Sight Glass, Flare Type



Part No.	Size
SGN-02D	1/4"
SGN-03D	3/8"
SGN-04D	1/2"
SGN-05D	5/8"
SGN-06D	3/4"

Welding Sight Glass With Copper Tube



Part No.	Size
SGN-02S	1/4"
SGN-03S	3/8"
SGN-04S	1/2"
SGN-05S	5/8"
SGN-06S	3/4"

BALL VALVES

Dimension

Products contain two kinds of valve: one is stand, the other valve with a testing hole, which can supply English and Metric sizes from 1/4 in-4-1/4 in (6mm-108mm) all valve have thread hole. For dashboard instrument board.

Specification



Model		ODF (in)	Dimensions			Rated Power Of Liquid (KW)			KV Value (m³/hr)	Allowed Max Leaking Capacity (g/year)
Standard	With Schrader		Pore Diameter In Sphere (mm)	H (mm)	L (mm)	R22	R134a	R502		
8027-202S	/	1/4	8.5	41	121	11.0	10.1	7.3	0.8	≤2.8
8027-203S	/	3/8				22.0	20.2	14.6	3.8	
8027-202	8027-202C	1/4				11.0	10.1	7.3	0.8	
8027-203	8027-203C	3/8	13.0	51	134	22.0	20.2	14.6	3.8	≤2.8
8027-204	8027-204C	1/2				105.0	96.0	70.0	5.6	
8027-205	8027-205C	5/8				143.0	132.0	95.0	10.1	
8027-2056	8027-2056C	3/4	19.0	60	166	241.0	221.0	160.0	20.4	≤2.8
8027-206	8027-206C	3/4				241.0	221.0	160.0	20.4	
8027-207	8027-207C	7/8				358.0	239.0	238.0	28.2	
8027-208	8027-208C	1	24.5	79	204	633.0	582.0	421.0	52.0	≤2.8
8027-209	8027-209C	1-1/8				633.0	582.0	421.0	52.0	
8027-211	8027-211C	1-3/8				756.0	696.0	503.0	80.9	
8027-213	8027-213C	1-5/8	30.0	89	244	1293.0	1190.0	860.0	196.0	≤2.8
8027-217	8027-217C	2-1/8				1348.0	1240.0	1156.0	248.0	
8027-21721	8027-21721C	2-5/8				1470.0	1320.0	1235.0	252.0	
8027-221	8027-221C	2-5/8	36.5	100	256	1532.0	1480.0	1345.0	279.0	≤2.8
8027-224	8027-224C	3				1532.0	1480.0	1345.0	279.0	
8027-225	8027-225C	3-1/8				1830.0	1770.0	1607.0	434.0	≤2.8
8027-228	8027-228C	3-1/2	50.0	302	128	1830.0	1770.0	1607.0	434.0	
8027-229	8027-229C	3-5/8				1907.0	1984.0	1750.0	481.0	
8027-232	8027-232C	4	60.5	147	324	1907.0	1984.0	1750.0	481.0	≤2.8
8027-233	8027-233C	4-1/8				1987.0	2225.0	1906.0	533.0	
8027-234	8027-234C	4-1/4				1987.0	2225.0	1906.0	533.0	

Sight Glass With Nut And Copper Tube



Part No.	Size
SGNC-02	1/4"
SGNC-03	3/8"
SGNC-04	1/2"
SGNC-05	5/8"
SGNC-06	3/4"

Hand Valve, Flare Type



Part No.	Size
HV-04F	1/4"
HV-06F	3/8"
HV-08F	1/2"
HV-10F	5/8"
HV-12F	3/4"

Hand Valve, Welding Type



Part No.	Size
WJ-S-04	1/4"
WJ-S-06	3/8"
WJ-S-08	1/2"
WJ-S-10	5/8"
WJ-S-12	3/4"

Ball valve for charging-hose



Part No.	Size
BV-01	1/4" M x 5/16" F
BV-02	5/16" M x 1/4" F
BV-03	1/4" M x 1/4" F

SERVICE TOOL

The Best Service Tools We Supply



SERVICE TOOL



Single Stage Vacuum Pump

Model	Flow Rate 50/60HZ	Ultimate vacuum	Power	Inlet Port	Oil Capacity	Dimensions	Weight
VP115 (VP-1)	1.5CFM/1.8CFM	5Pa	1/4HP	1/4"Flare	280ml	270x119x216mm	4.6kg
VP125 (VP-1.5)	2.5CFM/3CFM	5Pa	1/4HP	1/4"Flare	260ml	270x119x216mm	5kg
VP135 (VP-2)	3.5CFM/4CFM	5Pa	1/3HP	1/4"Flare	330ml	278x119x216mm	5.6kg
VP145 (VP-2.5)	4.5CFM/5CFM	5Pa	1/3HP	1/4"Flare	310ml	278x119x216mm	6kg
VP160 (VP-3)	6CFM/7CFM	5Pa	1/2HP	1/4"Flare	450ml	320x134x232mm	7.8kg
VP180 (VP-4)	8CFM/9CFM	5Pa	3/4HP	1/4 & 3/8" Flare	650ml	370x140x250mm	12.3kg
VP1100 (VP-5)	10CFM/12CFM	5Pa	1HP	1/4 & 3/8" Flare	800ml	390x140x250mm	12.8kg



Dual Stage Vacuum Pump

Model	Flow Rate 50/60HZ	Ultimate vacuum	Power	Inlet Port	Oil Capacity	Dimensions	Weight
VP215 (2VP-0.5)	1.5CFM/1.8CFM	3x10 ⁻¹ Pa	1/4HP	1/4"Flare	230ml	270x119x216mm	6kg
VP225 (2VP-1)	2.5CFM/3CFM	3x10 ⁻¹ Pa	1/3HP	1/4"Flare	280ml	278x119x216mm	6.8kg
VP235 (2VP-1.5)	3.5CFM/4CFM	3x10 ⁻¹ Pa	1/3HP	1/4"Flare	420ml	320x134x232mm	8.2kg
VP245 (2VP-2)	4.5CFM/5CFM	3x10 ⁻¹ Pa	1/2HP	1/4"Flare	400ml	320x134x232mm	8.5kg
VP260 (2VP-3)	6CFM/7CFM	3x10 ⁻¹ Pa	3/4HP	1/4 & 3/8" Flare	500ml	370x140x250mm	13.5kg
VP280 (2VP-4)	8CFM/9CFM	3x10 ⁻¹ Pa	1HP	1/4 & 3/8" Flare	500ml	370x140x250mm	14kg
VP2100 (2VP-5)	10CFM/12CFM	3x10 ⁻¹ Pa	1HP	1/4 & 3/8" Flare	700ml	390x140x250mm	14.5kg



Refrigerant Recovery Unit

Model	Refrigerants	Power Supply	Motor	Compressor	Automatic safety Shut-off	Recovery Rate
RR250	CFC, HCFC, HFC	100-240V/ 50-60Hz	3/4HP	Oil-less, Piston style	38.5bar/3850kPa	Vapor:0.25Kg/min Liquid:1.8Kg/min Push/pull:6Kg/min
RR550	CFC, HCFC, HFC	100-240V/ 50-60Hz	1HP	Oil-less, Piston style	38.5bar/3850kPa	Vapor:0.5Kg/min Liquid:3.6Kg/min Push/pull:10Kg/min



Refrigerant Charging Scale



RCS-7040 0~100KG/220LB/220OZ



RCS-7010 70KGS/154LB
RCS-7020 100KGS/220LB



RCS-7030 100KGS/220LB

Automotive Quick Coupler



Part No.	Description
QC-12	1/4"SAE



Part No.	Description
QC-15	1/4"SAE



Part No.	Description
QC-L/H	Connection:14mm 1/4"male nut



Part No.	Description
QC-L/HA	1/4"SAE

Single Gauge Valve



FC-466G



FC-468L



FC-468H

Part No.	Description
FC-466G	Charging and testing unit
FC-468L	Aluminum body
FC-468H	Aluminum body

Can Tap Valve



FC-336



FC-338



FC-339



FC-340

Part No.	Description
FC-336	Refrigerant can tap valve, 1/4" SAE outlet valve bottom and female thread fitted with 7/16"-27 UNF can thread.
FC-338	Refrigerant can tap valve, 1/4" SAE outlet valve bottom and female thread fitted with 12mmx1.25 can thread.
FC-339	Refrigerant can tap valve, 1/4" SAE outlet valve bottom and female thread fitted with 14mmx 1.25 can thread.
FC-340	Refrigerant can tap valve for both R12 & R134a.

Refrigerant Gas Leak Detector



WJL-6000

Refrigerant: CFC,HCFC,HFC,HC SF6 etc.
Sensitivity: 6g (0.2 Oz)/year
Power supply: 4 AAA alkaline batteries
Warm-up time: 6s
Response time: < 3s
Certificate: CE Rohs, SAE J2791,SAE J2913



HLD-100+

Refrigerant: CFC,HCFC,HFC,HC,HFO etc.
Sensitivity: 6g (0.2 Oz)/year
Power supply: 2 C batteries
Warm-up time: 6s
Response time: < 3s
Certificate & Approval: CE Rohs, SAE J2791,SAE J2913

Clamp Meter



DT-266

Technology features
DCV: 1000V $\pm 1.0\%$
ACV: 750V $\pm 1.2\%$
ACA: 200-1000A $\pm 2.0\%$
Resistance: 200-20K Ω (20M-2000M Ω) $\pm 1.0\%$



DT-301

Technology features
DCV:1000V $\pm 0.8\%$
ACV:750V $\pm 1.0\%$
DCA:200-1000A $\pm 2.0\%$
Resistance: 200-2K Ω $\pm 1.0\%$

Multimeter



DT-9205A

Technology features
DCV: 200m-2-20-200-1000V $\pm 0.5\%$
ACV: 200m-2-20-200-750V $\pm 1.0\%$
DCA: 2m-20m-200m-20A $\pm 1.8\%$
ACA: 2m-20m-200m-20A $\pm 2.0\%$
OHM: 200-2k-20k-200k-2M-20M
 Ω -200M Ω $\pm 1.0\%$
Cap:20n-200n-2u-20u-200uF $\pm 4.0\%$



DT-830B

Technology features
DCV: 200m-2000m-20-200-1000V $\pm 0.5\%$
ACV: 200-750V $\pm 1.0\%$
DCA: 200u -2000u-20m-200m-10A
 $\pm 1.8\%$
Resistance: 200-2000-20K-200K-2000K
 Ω $\pm 1.0\%$



DT-9601A

Technology features
Capacitance:
200p-2000p-20n-200n-2u--20u-200u-
2000u-20MF $\pm 0.5\%$

Refrigerant Gas Leak Detector



DSA-200

Technical Parameter
Dimencions: 17cm $\times$ 6cm $\times$ 3.8cm
Batteries: 2x 1.5V/AA/Alkaline Batteries(3 VDC)
Battery Life: 40 hours
Sensitivity: <3g/year(0.1 oz/yr)
Sensor lifetime: approx.30 hours
Operating temperature: 32-122F (0-50C)
Warm up time: <2 sec.
Response time: instantaneous
Reset time: instantaneous
Probe length: 12" (30cm)

Electric Cordless Flaring Tool



WK-E806AM-L

For inch:1/4",5/16",3/8",1/2",
5/8"&3/4"O.D.Tubing
6mm,8mm,10mm,12mm,
16mm&19mm O.D. Tubing
Packed in hand carrying plastic case
With cutter CT-532;
deburrer CT-207 ;
Spare battery and charger(9.6V)

Tubing Tool Kit * Please order according to packing condition



Part No.	CapaCity
CT-275	1/8"3/16"1/4"5/16"3/8"7/16"1/2"5/8"3/4"(3-19mm)
CT-278	1/8"3/16"1/4"5/16"3/8"7/16"1/2"5/8"3/4"(3-19mm)
CT-806AM-F	1/4"5/16"3/8"1/2"5/8"3/4"(6mm,8mm,10mm,12mm,16mm,19mm)
CT-808AM-F	3/16"1/4"5/16"3/8"1/2"5/8"3/4"(5mm,6mm,8mm,10mm,12mm,16mm,19mm)
WK-R806FT-L	1/4"~3/4" (6-19mm)



Part No.	CapaCity
CT-100	3/8"1/2"5/8"3/4"7/8"1"1-1/8" (10-28mm)
CT-300	3/8"1/2"5/8"3/4"7/8"1"1-1/8" (10-28mm)
CT-999	1/4"~7/8" (6-22mm)
WK-519FT-L	1/4",5/16",3/8",1/2",5/8", 3/4" (6-19mm)
WK-400	3/16"1/4"5/16"3/8"1/2"5/8"3/4"7/8"(5-22mm)

Hydraulic Crimper



RTM-S0106

RTM hydraulic crimper which can crimp 20000pcs hose joints, Applicable to the maintenance of automotive air conditioning pipes for construction machinery, agricultural machinery, heavy trucks, light trucks, refrigerated trucks, excavators, combine harvesters, etc. According to the instruction manual, the hydraulic crimper ensures no oil spilling and fully meet the design requirements.

DIE SET

6SRB:	5/16"
8SRB,6:	5/16"
	13/32", 3/8"
8:	13/32"
10SRB:	1/2"
10:	1/2"
12SRB:	5/8"
12:	5/8"

Tube Cutter * Please order according to packing condition



100PCS/CTN CT-127 1/8"-5/8"(3-16MM)	100PCS/CTN CT-174 1/8"-1-1/8"(3-28MM)	50PCS/CTN CT-274 1/8"-1-1/8"(4-28MM)	50PCS/CTN CT-312 1/4"-1-5/8"(6-42MM)	50PCS/CTN CT-107 1/4"-5/8"(6-50MM)
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Tube Cutter(Roller Type) * Please order according to packing condition



50PCS/CTN CT-319 1/8"-3/4"(3-19MM)	50PCS/CTN CT-428 3/16"-1-1/8"(4-28MM)	50PCS/CTN CT-532 3/16"-1-1/4"(4-32MM)	50PCS/CTN CT-650 1/4"-2"(5-50MM)	20PCS/CTN CT-670 1/4"-2-3/4"(6-70MM)
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Lever Type Tube Bender * Please order according to packing condition



CT-364A/M



CT-N369-180

Part No.	Qty/Ctn	O.D. Tubing	Description
CT-364A-06	12PCS/CTN	3/8"	Bend radius 23mm
CT-364A-08	12PCS/CTN	1/2"	Bend radius35.8mm
CT-364A-10	8PCS/CTN	5/8"	Bend radius54.4mm
CT-364A-12	8PCS/CTN	3/4"	Bend radius75.3mm
CT-364M-06	12PCS/CTN	10mm	Bend radius23mm
CT-364M-08	12PCS/CTN	12mm	Bend radius35.8mm
CT-364M-10	8PCS/CTN	16mm	Bend radius54.4mm
CT-364M-12	8PCS/CTN	19mm	Bend radius75.3mm
CT-N369-180	20PCS/CTN	1/4",5/16",3/8"(6,8,10MM)	3-in-1 180° Bend radius 24mm

Tube Bender



CT-102-L

Part No.	O.D. Tubing	Description
CT-102-L	50PCS/CTN	1/4"5/16"3/8"1/2"5/8"(6-16MM)
CT-102-04	100PCS/CTN	1/4"
CT-102-06	100PCS/CTN	3/8"
CT-102-08	75PCS/CTN	1/2"
CT-102-10	50PCS/CTN	5/8"
CT-102-12	50PCS/CTN	3/4"

Flaring & Swaging Tools



40PCS/CTN **CT-193** 10PCS/CTN **CT-806A** 10PCS/CTN **WK-R806A** 20PCS/CTN **CT-195** 20PCS/CTN **CT-525** 23PCS/CTN **CT-22**

Part No.	CapaCity
CT-193	1/4",5/16",3/8",1/2",5/8"(6-16mm)
CT-806A	1/4"5/16"3/8"7/16"1/2"5/8"3/4"(6-19MM)
WK-R806A	1/4"~3/4" (6-19mm)
CT-195	3/16"-5/8" (5-16mm)
CT-525	3/16"-5/8" (5-16mm)
CT-22	3/8",1/2",5/8",3/4",7/8"(10-22mm)

Other Tubing Tools



100PCS/CTN **CT-1104** 100PCS/CTN **CT-207** 100PCS/CTN **CT-208** 50PCS/CTN **CT-209** 80PCS/CTN **CT-352** 50PCS/CTN **CT-351**

Part No.	CapaCity
CT-1104	Capillary tube cutter for 1mm~3mm O.D.O.≤3MM
CT-207	Handy deburrer,Blade can be seivelled
CT-208	3/16"~1-1/2"(5-38mm)Inner-outer reamer, plstic body
CT-209	3/16"~1-1/2"(5-40mm)Inner-outer reamer, zinc alloy body
CT-352	Steel fin straightener
CT-351	Fin straightener ;6,8,10,12,14,15 spacing per inch



50PCS/CTN **CT-201** 100PCS/CTN **CT-122** 100PCS/CTN **CT-123** 1100PCS/CTN **CT-50** 100PCS/CTN **CT-502** 100PCS/CTN **CT-503**

Part No.	CapaCity
CT-201	≤6MM Pinch-off-plier
CT-122	3/16",1/4",5/16",3/8" square ratchet wrench
CT-123	3/16",1/4"square &1/2",9/16"hex ratchet wrench
CT-501	Mirror O.D.:32mm ;Length : 127mm~500mm
CT-502	Mirror O.D.:50mm ; Length :200mm ~410mm
CT-503	Pick up tool ,length:126~637mm

Dye and Oil Injector



This 2-ounce injector is easy to refill and easy to operate. Calibrations are clearly marked on the injector. Connect to A/C low side and rotate handle. AC/R and auto models.

Valve Core Remover



Conneceion: 1/4 or 5/16 R22 R410A R404A R407C

AUTOMOTIVE R-134a 3-IN-1 VACUUM/CHARGE RECOVER CORE TOOL



- 1. Core removal** for vacuum and charges. Lets you evacuate and charge through an unrestricted line for increased speed and higher vacuum.
- 2. Core replacement.**
- 3. Recovery valve.** Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process.

ITEM	Description
VC035A	High-side R-134a auto valve core tool
VC035B	Low-side R-134a auto valve core tool

Flush Gun Kit



An economical means of flushing contaminants and scale from A/C system componenes, the flush gun uses dry shop air to pesssurize the solvent. The process thoroughly cleans the part, removing oil and any refrigerant contaminants and residue. The attached nozzle directs the flow of solvent without sprayback.

Oil Charging Pump



PCO-1
Features:
 Pressurized oil Charging,Reliable And Durable
 ·Applied stainless steel materials, reliable and durable
 ·Compatible with all refrigeration oil



PCO-2
Features:
 Pressurized Oil Charging,Portable And Economical
 ·Applied stainless steel materials, reliable and durable
 ·Compatible with all refrigeration oil types

ELECTRICAL PARTS

The Best Service Tools We Supply



ELECTRICAL PARTS

BC Series Run Capacitors (CBB65)

Available Round or Oval
The widest selection of ratings
Non-PCB capacitors



Part No.	3(μf)~80(μf)	
Reference Standard	GB/T3667.1-2005,IEC 60252-1,UL810	
Climatic Category	40/70/21	
Capacitance Tolerance	±5%,±10%,±15%	
Dissipation Factor	≤0.002(100Hz,C≤10μF) ≤0.006(100Hz,C≤33μF) ≤0.008(100Hz,C>33μF)	
Insulation Resistance (IR•CN)	≥3000MQ	
Voltage Proof	Between Terminals	2Un(2s)
	Between Terminals And Case	2000V(60s)
Rated Voltage (UN)	250/300/400/450/500/560V	
Rated Frequency (FN)	50/60Hz	
Class of Operation	Class C(3000h)	
Class of Safety Protection	S1(P1)	
Flame Retardant Grade	UL94V-0	
Leading-out Structure	Terminal or Wire	
Safety Approvals	CQC,TÜV,UL	
Inductance	16-60μH	
Storage Temperature	-40℃~70℃	
Capacitance Range (CN)	1μF~110μF	
Maximum Permissible Operating Voltage	1.1Un	

CBB61 Series Run Capacitors

Feature
Capacitor for motor From 1μF~10μF
Voltage 250V or 450Vfeature



Reference Standard	GB/T3667.1-2005,IEC 60252-1	
Climatic Category	40/70/21	
Capacitance Tolerance	±5%,±10%,±15%	
Dissipation Factor	≤0.002(100Hz,20℃)	
Insulation Resistance (IR•CN)	≥3000MQ	
Voltage Proof	Between Terminals	2Un(2s)
	Between Terminals And Case	2000V(60s)
Rated Voltage (UN)	450/500V	
Rated Frequency (FN)	50/60Hz	
Class of Operation	Class C(3000h)	
Class of Safety Protection	S0(PO)	
Flame Retardant Grade	UL94V-0	
Leading-out Structure	Terminal or Wire	
Safety Approvals	CQC,TÜV,UL	
Storage Temperature	-40℃~70℃	
Capacitance Range (CN)	0.5μF~35μF	
Maximum Permissible Operating Voltage	1.1Un	

CBB Series Run Capacitors(CBB60)



Part No.	4(μf)~30(μf)
Reference Standard	GB/T 3667.1-2005,IEC 60252-1,UL810
Climatic Category	40/70/21,40/85/21
Capacitance Tolerance	±5%,±10%,±15%
Dissipation Factor	≤0.002(100Hz,C≤10μF) ≤0.006(100Hz,C≤35μF) ≤0.008(100Hz,C>35μF)
Insulation Resistance (IR•CN)	≥3000MQ
Voltage Proof	Between Terminals 2Un(2s) Between Terminals And Case 2000V(60s)
Rated Voltage (UN)	250/300/400/450/500/560V
Rated Frequency (FN)	50/60Hz
Class of Operation	Class C(3000h), Class B(10000h)
Class of Safety Protection	S0(P0)
Flame Retardant Grade	UL94V-0
Leading-out Structure	Terminal or Wire
Safety Approvals	CQC,TÜV,UL
Inductance	10~60μH
Storage Temperature	-40℃~70℃,-40℃~85℃
Capacitance Range (CN)	1μF~110μF
Maximum Permissible Operating Voltage	1.1Un

MS Series Start Capacitors (CD60)

Feature
 ·Plastic Case, Moisture and Oil Resistant
 ·Voltage from 110 VAC-330 VAC
 ·SEA-1 Meets EIA Type 1 Specifications
 ·SEA-2 Meets EIA Type 2 Specifications
 ·UL Recognized Capacitors



Operating Temperature	-45℃~+65℃
Voltage Range	110-330VAC
Capacitance Range	21-1800μF
Capacitance Tolerance	-0%~+20%
Operating Frequency	50-60Hz
Case Size	8 Standard Sizes from 1.437"×2.750"-2.562"×4.365"
Termination	1/4"Quick Disconnect Terminals(Std.)
Meets Requirements of EIA-463-A	SEA-1 Meets Type 1, Heavy Duty, Specifications SEA-2 Meets Type 2, Standard Duty, Specifications

CH85-High Voltage For Microwave ovens



The capacitor is applied in industry and Microwave Ovens etc.The product is composite dielectric structure byoil immersion.

Ambient Temp.	-10~85℃
Rated Voltage	≤3000VAC
Range of Capacitance	0.5~1.4μF
Testing Voltage	T-T:DC 4.3Un+1.05/10S T-C:AC 10000V/60S
Frequency	50-60Hz
Discharge Resistance	10±20%

Two Pole Contactors



Model	FIL	Poles	Resistive Amps	Coil Voltage	Hertz	Locked Rotor AMPS 240/480/600
QCA-302	30	2	40	24	50/60Hz	180/150/120
QCB-302	30	2	40	120	50/60Hz	180/150/120
QCC-302	30	2	40	240	50/60Hz	180/150/120
QCA-402	40	2	50	24	50/60Hz	240/200/160
QCB-402	40	2	50	120	50/60Hz	240/200/160
QCC-402	40	2	50	240	50/60Hz	240/200/160

Three Pole Contactors



Model	FIL	Poles	Resistive Amps	Coil Voltage	Hertz	Locked Rotor AMPS 240/480/600
QCA-303	30	3	40	24	50/60Hz	180/150/120
QCB-303	30	3	40	120	50/60Hz	180/150/120
QCC-303	30	3	40	240	50/60Hz	180/150/120
QCA-403	40	3	50	24	50/60Hz	240/200/160
QCB-403	40	3	50	120	50/60Hz	240/200/160
QCC-403	40	3	50	240	50/60Hz	240/200/160

Four Pole Contactors



Model	FIL	Poles	Resistive Amps	Coil Voltage	Hertz	Locked Rotor AMPS 240/480/600
QCA-304	30	4	40	24	50/60Hz	180/150/120
QCB-304	30	4	40	120	50/60Hz	180/150/120
QCC-304	30	4	40	240	50/60Hz	180/150/120
QCA-404	40	4	50	24	50/60Hz	240/200/160
QCB-404	40	4	50	120	50/60Hz	240/200/160
QCC-404	40	4	50	240	50/60Hz	240/200/160

TAM Series Thermostat



Part No.	Temperature Range
TAM112-0.8M	-7℃/-4℃
TAM113-1.3M	-10℃/+10℃
TAM113-2.0M	-10℃/+10℃
TAM125-2.5M	-20℃/-27℃
TAM125-2.3M	-20℃/-27℃
TAM133-1.3M	-35℃/-10℃
TAM135-2.5M	-15℃/-26℃
TAM145-1.3M	-27℃/-20℃
TAM145-2.0M	-16℃/-13℃

007B Series Thermostat



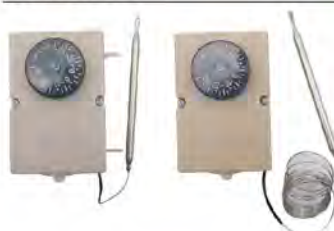
Part No.	Temperature		Capillary Tube (mm)
	Cold	Warm	
007B7001	-25	2	1300
007B7002	-21	0	1300
007B7003	-27.5	3.5	1600
007B7004	-11	3.5	1500
007B7005	-32.5	-7.5	2300
007B7006	-34.5	-10	2300
007B7007	-34.5	-10	2300
007B7008	-8.5	11.5	2000

KSeries Thermostat



Part No.	Warm		Cold		Capillary Tube (mm)
	ON(C)	OFF(C)	ON(C)	OFF(C)	
K50-P1110=VC1	2	-	-14.5	-23	1200
K59-L1102	3.5	-12	3.5	-22	1200
K50-P1125	8.5	-	-9.5	-18	1200
K50-P1126	-9.5	-	-18	-24.5	1200
K50-P1127	12.5	-	5	1.5	1200
K50-P1117=VF3	-7	-12	-22	-30	1200
K50-P1118=VB7	13	8	1.8	-3.3	1200
K54-P1102=VS5	-11.5	-16	-20	-26	1200
K60-P1013=VP4	-4	-11	-15	-24	1200

Thermostat



Part No.	Operating Temperature						Capillary Tube (mm)
	Warm		Normal		Cold		
	ON(℃)	OFF(℃)	ON(℃)	OFF(℃)	ON(℃)	OFF(℃)	
A2000	-	(+35)	-	0±3	-	(-35)	120
F2000	-	(+35)	-	0±3	-	(-35)	1750

Time Delay



QTD-68 Delay On Make

18-240VAC/VDC
1.5Amp
15Amp.inrush
SPST,N.O.
Adjustable delays from 0.03 to 10 min
(1.8 to 600 seconds)



QTD-72 Delay On Make

18-240VAC/VDC
1.5Amp
15Amp.inrush
SPST,N.O.
Knob-adjustable delays from 0.03 to 10 min
(1.8 to 600 seconds)

Digital Thermometer



WT-2

Temperature Range: -50°C to 300°C (-58°F to 572°F)
Resolution: 0.1°C (°F)
Accuracy: (-20°C - 80°C) 1°C
LCD Screen Size: 34 mm x 14 mm (1.34 x 0.55 inch)
Item size: 104 (L) x 64 (W) x 18 (D) mm
(4.09 x 2.52 x 0.71 inch)
Length of probe: 100 mm (3.94 inch)



SP-B-1

Dial/Size: Ø25mm
Probe size: 3.8X125mm
Temperature range: -40~100 °C
Materials: 304 stainless steel Probe, ABS Case, Plastic sleeve
Accuracy: ±2 °C



WT-1

Dimensions: 20*2*2.3mm
Probe size: 3.5X110mm
Temperature range: -50~300 °C/-58~572 °F
Accuracy: ±1% of full scale
Materials: 304 stainless steel Probe, ABS Case, Plastic sleeve
Display: Digital Instant Read
Color optional: Black and White
Unit packing: Sliding Card



STC-200+

Temperature measurement range: -40°C~+99°C
Temperature control range: -40°C~+70°C
Operating ambient temperature: -5°C~+60°C
Stored temperature: -30°C~+85°C
Relative humidity: 20%~60% (No condensate)
Power supply: 220VAC±10% (12V±10% optional)
Watt consumption: <5W
Resolution: 1°C
Accuracy: ±1°C
Relay contact capacity: 10A/250VAC/30VDC



TPM-10

Usage temperature: -10°C ~ +110°C
Usage humidity: 5% ~ 80%
Accuracy: ±1°C
Distinguishing temperature: 0.1°C
Unit dimensions: ~4.8 x 2.8 x 1.5cm
Insert size: 46x27mm
Cable length: ~100cm
Power: 2 x LR44 button cell batteries



TPM-900

Panel size: 64*31mm
Hole-opening size: 58.4*25*7mm
Environment temperature range: 0°C~60°C
Environment humidity range: 20%~85%
Accuracy: ±1 °C
Power supply: 220VAC
Sensor: NTC



STC-8080A+

Power supply: 220VAC+10%/-15%, 50/60Hz
Power consumption: 3W
Temperature measuring range: -50~+99°C
Resolution: 1°C Accuracy: ±1°C when temperature -40~+50°C, ±2°C at others
Relay capacity of compressor: 17A/2240VAC
Sensor error relay time: 1 minutes
Sensor type: NTC sensor



TPM-900

Temperature measurement range: -50°C~400°C (-58~752°F)
Accuracy: ±1.5°C/±1.5%
Resolution: 0.1°C/0.1°F
Distance spot ratio: 12:1
Emissivity: 0.95 (fixed)
°C/F unit selectable
Auto power off & Data Hold
Laser ON/OFF selectable
1.5V AAA battery *2pcs

A/C & INSTALLATION PARTS

The Best Service Tools We Supply

A/C & INSTALLATION PARTS

Flexible Strip Door

Description:

Our PVC strip door designed to help save energy and reduce dust and noise. Available as complete strip door with mounting hardware, bulk rolls, or individual replacement strips. Available in different color.

Width: 150mm, 200mm, 300mm

Thickness: 2mm, 3mm

Length: 40m, 45m, 50m

Temperature Range: For shopping mall use (-20°C~+50°C)

For cold room use (-50°C~+50°C)



Aluminum Foil Adhesive Tape



Thickness(mm)	Width(mm)
0.03	45
0.03	50
0.04	45
0.04	50
0.05	45
0.05	50

PVC Electrical Insulation Tape



Part No.	Size
EIT-06	0.13mm*19mm*6yds
EIT-08	0.13mm*19mm*8yds
EIT-10	0.13mm*19mm*10yds
EIT-20	0.13mm*19mm*20yds
EIT-10M	0.13mm*19mm*10m
EIT-20M	0.13mm*19mm*20m

Aluminum Reinforced Tape



Thickness(mm)	Width(mm)
0.015	45
0.015	50
0.015	75
0.015	100

Cloth Duct Tape



Thickness(mm)	Width(mm)
0.015	50
0.015	75
0.015	100

Insulation Tape with Self-adhesive

By roll, 40rolls per carton



Long(mm)	Width(mm)	Thicknes(mm)
10000	50	3
10000	50	5
10000	25	3
10000	25	5

Insulation Tube



I.D.	Thickness 3/8"	Thickness 1/2"	Thickness 3/4"	Thickness 1"
	pcs/ctn	pcs/ctn	pcs/ctn	pcs/ctn
1/4*(6mm)	168	100	48	30
3/8*(10mm)	120	90	36	30
1/2*(13mm)	100	72	30	24
5/8*(16mm)	90	63	30	20
3/4*(19mm)	72	56	25	20
7/8*(22mm)	65	42	24	18
1*(25mm)	49	42	20	16
1-1/8*(28mm)	49	36	20	16
1-1/4*(32mm)	42	30	20	15
1-3/8*(35mm)	36	30	16	12
1-1/2*(38mm)	34	30	16	12
1-5/8*(42mm)	30	25	16	12
1-7/8*(48mm)	28	20	15	10
2*(51mm)	24	20	12	9
2-1/8*(54mm)	20	18	12	9



SB Series Cleaner



SB-910

Recommended for Evaporator Coils, Air Filters and Mechanical Equipment Removes.

- Environmentally Safe
- Non-Caustic, Self-Rinsing
- USDA Authorized
- Contains Metal Fatigue Inhibitors
- Non-Acid, Non-Toxic
- Good for all Metal, Copper & Aluminium



SB-920

Acid Condenser Cleaner & Brightener

SB-920 is the most powerful penetrating foaming acid cleaner on the market.

SB-920 effortlessly pushes dirt, bugs, grease, oxides and other contamination off and through the coils and from all inaccessible area.

- Heavy Duty
- Cleans & Brightens Finned Air Coils
- Good for Copper, Aluminium and Brass



SB-930

External Condenser Coil Cleaner and Brightener Recommended for evaporator and Condenser Coils, Air Filters and Mechanical Equipment. Removes Grease, Oxidation and Built-up Dirt

- Biodegradable
- Eliminate Dirt, Grease & Oxides
- USDA Authorized
- Contains Metal fatigue Inhibitors
- Non-Acid
- Good for all metal, copper & aluminium

Air Conditioning Cleaning Cover



Q-532

- Medium: size is suitable for circumference of less than 2.4 meters of air conditioning
- Size: FOR9000BTU, 12000BTU, 18000BTU A/C UNIT
- Color: BLUE

Q-535

- Large: size is suitable for circumference of less than 3.2 meters of air conditioning
- Size: FOR18000BTU, 24000BTU, 36000BTU A/C UNIT
- Color: BLUE



360°omnidirectional visual cleaning

Full surround design

Patent design counterfeiting must be investigated

Model	Specification
Q-572	Suitable for air conditioners with a circumference less than 2.5 meters
Q-575	Suitable for air conditioners with a circumference less than 3.6 meters

Condensate Water Pump



Technical Data:			
Model	PC-12B		PC-36B
Voltage	100V-230V~/50-60Hz		
Discharge head	Max.10m(33ft)		
Suction lift	Max.2m(6.5ft)		
Flow rate	Max.18L/h(4.8GPH)Max.36L/h(9.6GPH)		
Tankcapacity	35ml		
Mini splits up to	8kW(30,000btu/hr)		15kW(45,000btu/hr)
Sound level at 1m	19dB(A)		21dB(A)
Ambient temp	0℃~50℃		
Power consumption3W			

REFRIGERATION SPARE PARTS

The Best Service Tools We Supply

1.1 SEK SERIES MOLECULAR SIEVE LIQUID LINE FILTER-DRIER

SEK series molecular liquid line filter-drier, using high quality compressed spherica desiccantand compressedthrough automatic integration with high-density filters in the cylinder body, to achieve the role of drying filter that can effectively filter system of residual water copies and debris.

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 kindsofconnectionmethods:ODFand SAE;In order to facilitate welding, ODF adoption of TP2 copper reserve

For a varietyofrefrigerantR-12,R-134a,R-22,R-404A,R-407C,R-410A,R-500,R-502,R-50

Maximum working pressure:4.7Mpa/680Psig,with the UL and CE certification



MODEL	CONNECTION(IN)		LIQUID FLOW CAPACITY(TONS)						A(IN)	B(IN)	D(IN)	E(IN)	F(IN)
	ODF	SAE	R134A	R12	R22 R-410A	R407C	R404A R-507	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	7.34	3.00
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		

1.2 SAD SERIES SOLID CORE LIQUID LINE FILTER-DRIER

SAD series solid core liquid line filter drier, using a high-quality compression of small spherical particles sintered desiccant module,combined with high-density filter cloth, to dry and the role of filter,that can effectively filter system residues of water and debris.

Smallspherical particles of high strength sintered desiccant module.to make run-time

without shock and friction,reduce wear of the desiccant

High moisture and acid removal capacity

Drying and filtering effect of combining

Filtration:20 microns

With minimum pressure drop design allows the system to play better energy efficiency in the run-time

Corrosionresistant epoxy powder paint finish, salt spray test above 500 hours

Two kindsofconnectionmethods;ODF and SAE;In order to facilitate welding. ODF adoption of Tp2 copper reserve

For a variety ofrefrigerantR-12,R-134a,R-22,R-404A,R-407C,R-410A,R-500,R-502,R-507

Maximum workinapressure:4.7Mpa/680Psig,with the UL and CE certification



MODEL	CONNECTION(IN)		LIQUID FLOW CAPACITY(TONS)						A(IN)	B(IN)	D(IN)	E(IN)	F(IN)
	ODF	SAE	R134A	R12	R22 R-410A	R407C	R404A R-507	R502					
SAD-032		1/4	1.61	2.09	2.21	2.12	1.45	1.45	4.13				
SAD-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
SAD-033		3/8	2.51	3.01	3.32	3.22	2.22	2.12	4.53				
SAD-033S	3/8		2.51	3.01	3.32	3.22	2.22	2.12	3.86	2.60	0.63		
SAD-052		1/4	1.72	2.12	2.32	2.22	1.52	1.52	4.86				
SAD-052S	1/4		2.72	3.32	3.62	3.52	2.42	2.31	4.55	3.33	0.61	3.13	
SAD-053		3/8	2.91	3.53	3.85	3.69	2.54	2.54	5.30				
SAD-053S	3/8		3.62	4.41	4.78	4.68	3.23	3.13	4.63	3.37	0.63		
SAD-082		1/4	1.89	2.31	2.28	2.45	1.69	1.58	5.63				
SAD-082S	1/4		2.55	3.12	3.46	3.34	2.23	2.23	5.28	4.06	0.61		
SAD-083		3/8	3.33	4.01	4.35	4.36	2.94	2.84	6.02				
SAD-083S	3/8		3.76	4.56	4.88	4.78	3.29	3.19	5.35	4.09	0.63	3.86	
SAD-084		1/2	5.56	6.75	7.32	7.13	4.96	4.76	6.18				
SAD-084S	1/2		5.88	7.12	7.74	7.55	5.12	5.07	5.42	4.17	0.62		2.50
SAD-162		1/4	1.98	2.36	2.57	2.44	1.72	1.63	6.56	5.44			
SAD-162S	1/4		2.55	3.12	3.45	3.32	2.19	2.19	6.19				
SAD-163		3/8	3.19	3.88	4.25	4.11	2.78	2.71	7.01				
SAD-163S	3/8		3.61	4.41	4.79	4.77	3.16	3.13	6.17	5.08	0.54		
SAD-164		1/2	5.88	7.14	7.81	7.77	5.23	5.12	7.17				
SAD-164S	1/2		7.10	8.50	9.22	9.01	6.21	6.02	6.23	5.16	0.54		
SAD-165		5/8	8.02	9.71	10.45	10.32	7.01	6.82	7.60				
SAD-165S	5/8		8.32	10.12	10.94	10.77	7.32	7.12	6.42	5.24	0.59		
SAD-167S	7/8		12.78	15.56	16.87	16.54	11.26	10.92	7.05	5.24	0.91		
SAD-303		3/8	3.61	4.34	4.71	4.61	3.16	3.11	9.51				
SAD-303S	3/8		5.23	6.36	6.87	6.78	4.63	4.45	8.84	7.58	0.63		
SAD-304		1/2	6.64	8.13	8.89	8.64	5.92	5.71	9.67				
SAD-304S	1/2		8.78	10.62	11.52	11.36	7.74	7.53	9.00	7.66	0.67		
SAD-305		5/8	8.78	10.69	11.56	11.35	7.74	7.54	10.10				
SAD-305S	5/8		10.32	12.51	13.52	13.33	9.12	8.84	9.23	7.74	0.75	7.34	3.00
SAD-306		3/4							10.45				
SAD-306S	3/4		12.12	14.84	16.06	15.75	10.71	10.44	9.31	7.74	0.79		
SAD-307S	7/8		13.84	16.84	18.23	19.72	12.23	11.84	9.78	7.74	1.02		
SAD-309S	1-1/8		16.12	19.63	21.25	20.84	14.21	13.84	10.00	7.89	1.06		

1.3 SDML SERIES MOLECULAR SIEVE LIQUID LINE 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.

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



MODEL	CONNECTION (IN)	LIQUID FLOW CAPACITY (TONS)			DRYING CAPACITY (LBS)			(CU.IN) DESICCANT (CU.IN)	A (IN)	B (IN)	C (IN)
		R134A	R404A R507	R22 R407C R410A	R134A R507	R404A	R22 R407C R410A				
SDML-032	1/4SAE	2	1.5	2					4.41		
SDML-032S	1/4ODF				15	24	14.5	3	3.99	2.76	
SDML-033	3/8SAE	5	3.5	5.5					4.84		
SDML-033S	3/8ODF								4.15	2.76	
SDML-052	1/4SAE	2	1.5	2					4.76		
SDML-052S	1/4ODF				19	28.5	17.5	5	4.35	2.95	
SDML-053	3/8SAE	5	4	5.5					4.84		
SDML-053S	3/8ODF								4.5	2.95	2.13
SDML-082	1/4SAE	2	1.5	2					5.37	3.98	
SDML-082S	1/4ODF								6.22		
SDML-083	3/8SAE	5.5	4	6	27.5	44	27.5	8	5.45	3.98	
SDML-083S	3/8ODF								6.38		
SDML-084	1/2SAE	7.5	5.5	8					5.51	3.98	
SDML-084S	1/2ODF								5.37	3.98	
SDML-162	1/4SAE	2	1.5	2					6.42		
SDML-162S	1/4ODF								5.97	4.8	
SDML-163	3/8SAE	6	4.5	6.5					6.85		
SDML-163S	3/8ODF								6.24	4.8	
SDML-164	1/2SAE	18.5	6	9	59.5	96	59.5	16	7		
SDML-164S	1/2ODF								6.3	4.8	
SDML-165	5/8SAE								7.32		
SDML-165S	5/8ODF	12	8.5	13.5					6.56	4.8	
SDML-167S	7/8ODF	12	8.5	13.5					7.13	4.8	
SDML-303	3/8SAE	6	4.5	6.5					9.61		
SDML-303S	3/8ODF								9	8.13	
SDML-304	1/2SAE	8.5	6	9.5					9.88		
SDML-304S	1/2ODF								9.06	8.06	
SDML-305	5/8SAE								10.31		
SDML-305S	5/8ODF	12.5	9	14	126	204	126	30	9.31	8.06	
SDML-306S	3/4ODF	16.5	12	18.5					9.68	8.43	
SDML-307S	7/8ODF	16.5	12	18.5					9.88	8.38	
SDML-309S	1-1/8ODF	17.5	12.5	19					10.43	8.5	

1.4 SDCL SERIES SOLID CORE LIQUID LINE FILTER-DRIER

This filter drier uses 80% 3A molecular sieve core and 20% active aluminum inside, it is a perfect core mixture for the equipment system which has strong drying requirement and work under lowest frozen temperature. It has a best result to apply to refrigeration of CFC & HCFC (R22, R502) using with the petrol and ALKY-phenyl oil.

Joint type: ODF or SAE

Corrosive resistance mold

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



MODEL	CONNECTION (IN)	LIQUID FLOW CAPACITY (TONS)			DRYING CAPACITY (LBS)			(CU.IN) DESICCANT (CU.IN)	A (IN)	B (IN)	C (IN)
		R134A	R404A R507	R22 R407C R410A	R134A R507	R404A	R22 R407C R410A				
SDCL-032	1/4SAE	2	1.5	2					4.41		
SDCL-032S	1/4ODF				12	19	14.5	3	3.99	2.76	
SDCL-033	3/8SAE	5	3.5	5.5					4.84		
SDCL-033S	3/8ODF								4.15	2.76	
SDCL-052	1/4SAE	2	1.5	2					4.76		
SDCL-052S	1/4ODF				14.5	23	17.5	5	4.35	2.95	
SDCL-053	3/8SAE	5	4	5.5					4.84		
SDCL-053S	3/8ODF								4.5	2.95	2.13
SDCL-082	1/4SAE	2	1.5	2					5.37	3.98	
SDCL-082S	1/4ODF								6.22		
SDCL-083	3/8SAE	5.5	4	6	22	33.5	27.5	8	5.45	3.98	
SDCL-083S	3/8ODF								6.38		
SDCL-084	1/2SAE	7.5	5.5	8					5.51	3.98	
SDCL-084S	1/2ODF								5.37	3.98	
SDCL-162	1/4SAE	2	1.5	2					6.42		
SDCL-162S	1/4ODF								5.97	4.8	
SDCL-163	3/8SAE	6	4.5	6.5					6.85		
SDCL-163S	3/8ODF								6.24	4.8	
SDCL-164	1/2SAE	18.5	6	9	52	80.5	47.5	16	7		
SDCL-164S	1/2ODF								6.3	4.8	
SDCL-165	5/8SAE								7.32		
SDCL-165S	5/8ODF	12	8.5	13.5					6.56	4.8	
SDCL-167S	7/8ODF	12	8.5	13.5					7.13	4.8	
SDCL-303	3/8SAE	6	4.5	6.5					9.61		
SDCL-303S	3/8ODF								9	8.13	
SDCL-304	1/2SAE	8.5	6	9.5					9.88		
SDCL-304S	1/2ODF								9.06	8.06	
SDCL-305	5/8SAE								10.31		
SDCL-305S	5/8ODF	12.5	9	14	104	169	97	30	9.31	8.06	
SDCL-306S	3/4ODF	16.5	12	18.5					9.68	8.43	
SDCL-307S	7/8ODF	16.5	12	18.5					9.88	8.38	
SDCL-309S	1-1/8ODF	17.5	12.5	19					10.43	8.5	

FAN & MOTOR & COMPRESSOR

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YJF Series
Condenser Fan Motor



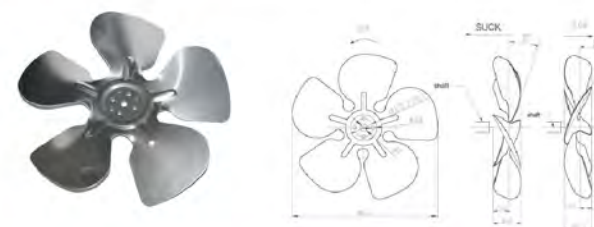
YJFN Series
Condenser Fan Motor



EBM dual connection Series
Condenser Fan Motor

Part No.	Part No.	Part No.	Power(W)	Voltage(VAC)	Frequency (Hz)	Diameter (mm)	RPM	Rotation
YJF203	YJFN203	EBM203	3	110V or 220V	50/60	150	1300/1550	CW or CCW
YJF205	YJFN205	EBM205	5	110V or 220V	50/60	170/200	1300/1550	CW or CCW
YJF207	YJFN207	EBM207	7	110V or 220V	50/60	200/230	1300/1550	CW or CCW
YJF310	YJFN310	EBM310	10	110V or 220V	50/60	200/230	1300/1550	CW or CCW
YJF316	YJFN316	EBM316	16	110V or 220V	50/60	230/250	1300/1550	CW or CON
YJF318	YJFN318	EBM318	18	110V or 220V	50/60	230/250	1300/1550	CW or COW
YJF325	YJFN325	EBM325	25	110V or 220V	50/60	250/300	1300/1550	CW or CON
Y3F334	YJFN334	EBM334	34	110V or 220V	50/60	300	1300/1550	CW or COW

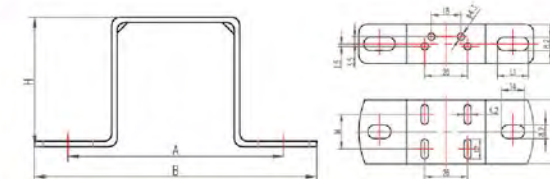
Fan Blade



MODEL FAN	YJF205	YJF310	YJF316	YJF318	YJF325	YJF334
Φ150	28					
Φ170	28	31				
Φ200	25	28	28			
Φ230		22	22	25		
Φ250			22	22	25	
Φ300				19	19	22 25 25 28

FAN TYPE	α A BC	19°		22°		25°		28°		31°		34°	
		B	C	B	C	B	C	B	C	B	C	B	C
Φ150	Φ150	23	12	26	13	29	15	32	17	36	18	39	21
Φ170	Φ170	25	13	28	14	31	16	34	17	38	18	41	21
Φ200	Φ200	27	14	30	15	33	17	36	19	40	21	43	24
Φ230	Φ230	30	15	33	16	36	19	39	21	42	20	45	23
Φ250	Φ250	31	15	34	16	37	19	40	20	43	21	45	22
Φ300	Φ300	31	16	35	17	41	21	44	22	48	25	52	27

Bracket



TYPE	H	A	B	L1	L2
H55	56	75	105	17	24
H72	72	75	105	13	24
H84	84	75	105	20	24
H84	84	126	166	18	25
H90	90	80	110	17	24
H110	110	83	106	14	42
H110	110	83	106	14	50

Axial Fan



Model	Fan Size (mm)	Voltage (V)	Frequency (Hz)	Current (A)	Input (W)	Speed (r/min)	Airflow (m³/h)	Noise (dBA)	N.W. (Kg)
YWF2D-200	200	380	50	0.15	47	2500	745	50	2.5
YWF2E-200	200	220	50	0.25	50	2500	745	50	2.5
YWF4D-200	200	380	50	0.1	25	1400	425	43	2.5
YWF4E-200	200	220	50	0.12	27	1400	425	43	2.5
YWF2D-250	250	380	50	0.25	100	2550	1367	60	3
YWF2E-250	250	220	50	0.48	100	2550	1358	60	3
YWF4D-250	250	380	50	0.18	55	1400	1132	55	3
YWF4E-250	250	220	50	0.25	50	1400	1108	55	3
YWF2D-300	300	380	50	0.4	136	2550	1968	60	3.3
YWF2E-300	300	220	50	0.55	125	2400	2000	60	3.3
YWF4D-300	300	380	50	0.27	85	1380	1645	58	3.3
YWF4E-300	300	220	50	0.4	86	1350	1716	58	3.3
YWF4D-350	350	380	50	0.35	135	1380	2688	62	5
YWF4E-350	350	220	50	0.6	135	1370	2666	62	5
YWF6D-350	350	380	50	0.25	70	940	1920	56	5
YWF6E-350	350	220	50	0.4	80	950	1910	56	5
YWF4D-400	400	380	50	0.48	166	1380	4008	68	6
YWF4E-400	400	220	50	0.75	165	1360	3861	68	6
YWF6D-400	400	380	50	0.4	115	920	3060	58	6
YWF6E-400	400	220	50	0.6	115	920	2970	58	6
YWF4D-450	450	380	50	0.65	230	1390	5180	68	7.5
YWF4E-450	450	220	50	1	215	1360	5000	68	7.5
YWF6D-450	450	380	50	0.35	120	910	3916	60	7.5
YWF6E-450	450	220	50	0.72	150	920	3616	60	7.5
YWF4D-500	500	380	50	0.85	350	1350	6568	72	10
YWF4E-500	500	220	50	1.6	240	1320	6420	72	10
YWF6D-500	500	380	50	0.62	220	920	5291	68	10
YWF6E-500	500	220	50	1	210	920	5278	68	10
YWF4D-550	550	380	50	0.98	430	1330	8716	75	10.5
YWF4E-550	550	220	50	2.2	460	1360	8240	75	10.5
YWF6D-550	550	380	50	0.85	320	900	6433	70	10.5
YWF6E-550	550	220	50	1.5	320	910	6312	70	10.5
YWF4D-600	600	380	50	1.2	620	1350	11540	78	14
YWF4E-600	600	220	50	3.4	740	1380	10375	78	14
YWF6D-600	600	380	50	1.3	500	920	8901	72	14
YWF6E-600	600	220	50	2.4	500	910	8754	72	14

C Frame Shaded Pole Motor



Part No.	Voltage(V)	Frequency(Hz)	Current(A)	Input(W)	Shaft Size(Inch)	Rotation
SM102J	220	220	0.12	13	1/8"×1"	CW
2J01289B	220	220	0.085	8	-	CCW
KM334	220	220	0.18	15	3/16"×1/16"	CW
YJF607A-5C	220	220	0.065	7	1/8"×1-5/16"	CW/CCW
SM672	220	220	0.32	20	3/16"×1-7/16"	CW/CCW
SM998	220	220	0.2	18	1/8"×2"	CW
MA-61103D-2Z	220	220	0.06	6	-	CW
PSC4W	220	220	0.2	27	-	CCW
YZF2261	220	220	0.085	6.5	1/8"×1-5/16"	CW/CCW
D4612AAA21	12	12	0.233	3.3	-	CCW

Axial Flow Draft Fan

- Operating temperature:-10°C to 70°C (Sleeve)-20°C to 80°C(Ball)
- Operating voltage:110V ranged from 85V to 125V
220V ranged from 190V to 245V
- Operating humidity:between 20% to 85%
- Insulation resistance:10MΩat 500VDC
- Dielectric strength:1 minute at 1500VAC/50-60Hz
- Current:<50mA



Model	Frequency (Hz)	Voltage (V)	Bearing Type	Current (A)	Power (W)	Speed (r/min)	Airflow (m³/h)	Noise (dBA)	N.W. (Kg)
FM8025A1/A2HSL	50/60	110/220	Sleeve	0.13/0.08	13/12	2450	16/18	28/19	230
FM8025A1/A2HBL	50/60	110/220	Ball	0.13/0.08	13/12	2450	16/18	28/19	230
FM8038A1/A2HSL	50/60	110/220	Sleeve	0.15/0.08	14/13	2400	26/30	28/31	340
FM8038A1/A2HBL	50/60	110/220	Ball	0.15/0.08	14/13	2400	26/30	28/31	340
FM9225A1/A2HSL	50/60	110/220	Sleeve	0.14/0.08	13/12	2400	28/34	29/33	270
FM9225A1/A2HBL	50/60	110/220	Ball	0.14/0.08	13/12	2400	28/34	29/33	270
FM9238A1/A2HSL	50/60	110/220	Sleeve	0.15/0.08	15/13	2400	50/54	31/36	360
FM9238A1/A2HBL	50/60	110/220	Ball	0.15/0.08	15/13	2400	50/54	31/36	360
FM10826A1/A2HSL	50/60	110/220	Sleeve	0.14/0.08	16/15	2400	40	33/38	330
FM10826A1/A2HBL	50/60	110/220	Ball	0.14/0.08	16/15	2400	40	33/38	330
FM12025A1/A2HSL	50/60	110/220	Sleeve	0.14/0.08	16/15	2400	51/61	40/41	380
FM12025A1/A2HBL	50/60	110/220	Ball	0.14/0.08	16/15	2400	51/61	40/41	380
FM12038A1/A2HSL	50/60	110/220	Sleeve	0.23/0.14	26/23	2700	90/100	40/45	500
FM12038A1/A2HBL	50/60	110/220	Ball	0.23/0.14	26/23	2700	90/100	40/45	500

Compressor



Model	HP	V/Hz	Displacement (cm ³)	Test Conditions: -23.3°C (-10°F)					
				Capacity (W)	Capacity (Btu/h)	Input Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)
QD25HG	1/12	220-240V/ 50-60Hz	2.5	63	215	52	0.6	1.05	3.58
QD30HG	1/12		3	75	256	62	0.6	1.05	3.58
QD35HG	1/11		3.5	90	307	71	0.7	1.05	3.58
ADW43	1/6-		4.3	110	375	100	1	1.1	3.75
ADW51	1/6		5.1	125	427	104	1.1	1.2	4.09
ADW57	1/5-		5.7	135	461	112	1.1	1.2	4.09
ADW66	1/4-		6.6	165	563	132	1.2	1.25	4.27
ADW77	1/4		7.7	185	631	148	1.3	1.25	4.27
ADW86	1/4+		8.6	200	682	160	1.4	1.25	4.27
ADW91	1/3-		9.1	220	751	176	1.4	1.25	4.27
ADW110	1/3-		11.0	240	819	203	1.4	1.35	4.61
ADW128	3/8+		12.8	320	1092	237	1.8	1.35	4.61
ADW142	1/2-		14.2	350	1194	260	1.9	1.35	4.61
ADW153	1/2		15.3	380	1297	281	2.0	1.35	4.61
ADW168	1/2+		16.8	430	1467	318	2.2	1.35	4.61