

Air Conditioning & Refrigeration Parts



紹興上虞富技機械製造有限公司
Shaoxing Shangyu Fuji Manufacture Co., Ltd.

公司簡介

Brief introduction of company

Zhejiang Shangyu Fuji Manufacture CO., LTD from Taiwan and has entered to business of air-conditioning and freezing accessories Since 1976 . In 1999, we established a factory in Mainland China our company holds Automation-equipments and Technical-personnel; We stand for " Strictly QC and Creativity". Besides manufacture ripe products, we research and develop the new products independently. We can manufacture the new products according customer's request. We have authorized QC-based automatic production equipment orienting to ISO9001:2000 international quality management and UL & CE Accreditation . The past years, we have developed all kinds of freezing and air-conditioning valves, fittings, tools, freezers, freezer handles, hinge, filter drier and so on more than 3000 categories. Selling to both local and foreign markets and cooperating with various freezing and air-conditioning factories for OEM projects Our company is according as specialized team, advaced equipments, strictly Q.C., perfect services system to offer more integrated services.

上虞富技機械製造有限公司于1976年創立於臺灣，並於1999年在中國大陸設廠。是一家專業生產各種空調配件及製冷（冷凍）配件的公司。擁有自動化設備和技術人員。本公司堅持“以品質為本，不斷創新”。在生產成熟產品的同時，還不斷自主研製開發新產品，並可按客戶要求研發新產品。現我公司已通過ISO9001：2000質量管理體系認證及UL、CE產品認證。

經過多年的研發製作我公司生產各式閥類、接頭類、工具類、冷凍車、冷凍櫃把手、鉸鏈板金類、過濾乾燥器等等，產品有四百多種，規格型號多達3000餘種。產品暢銷國內外市場。我公司本著以專業的隊伍，先進的生產設備，嚴格的品質管理，嚴謹的管理體制，完善的服務體系。為客戶提供更完美的服務。

以品質為本，不斷創新

Quality-oriented, Innovation.



自動經加工車間
Auto-finishing shop



24小時全自動生產線
24Hour automatic
production line

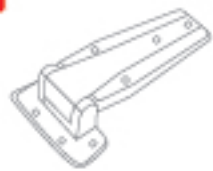
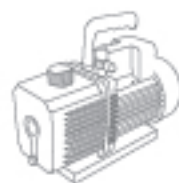


鑽床車間
Drilling Workshop



衝床車間 Press Shop

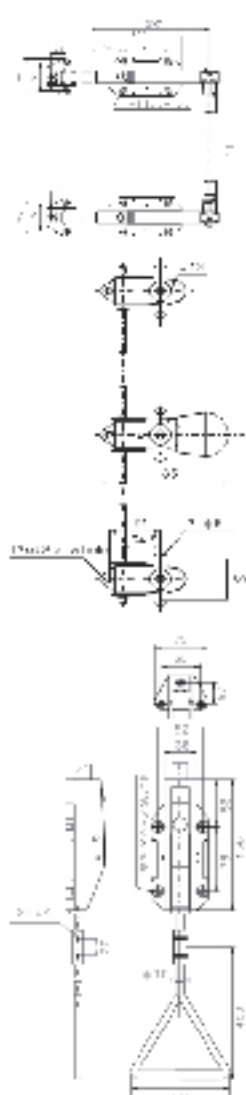
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AH-1178H2 冷凍庫安全門把手

Double Safety Latches & Inside Release Handles



AH-1178D3

Features :

1. Two position locked doors can be opened and shut with one touch operation by means of connecting pipes. Even if locked with a lock or padlock, the door can be opened by operating and interlocking safe by device (AH-1178D2) from the inside.
2. If the manual handle is pushed, the connecting bar attached to the interlocking lever will operate to permit opening of the door.
3. Convenient for operating handles to be mounted in a high position. If the lever is pulled down, the latch will operate to permit opening of the door.

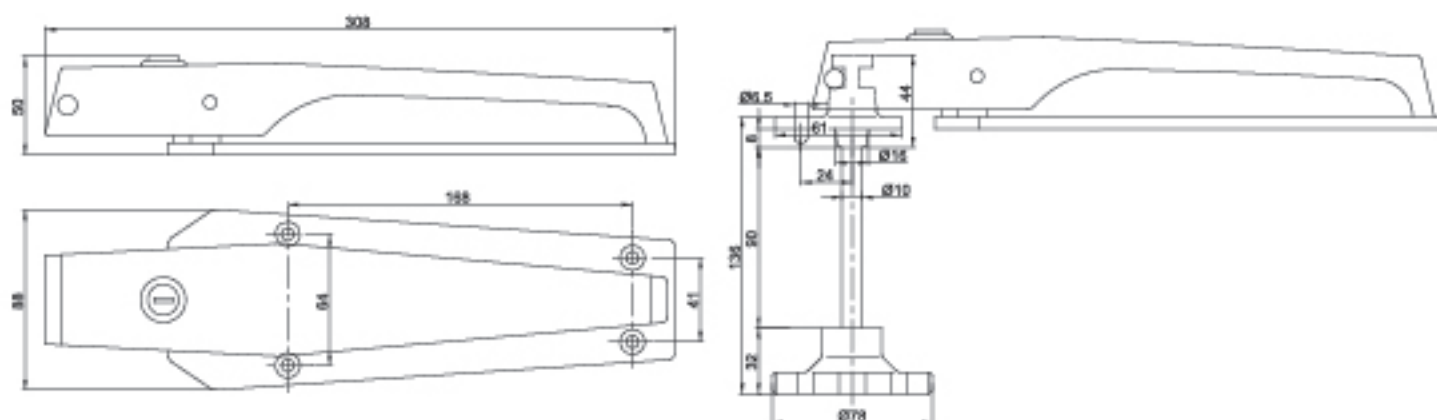
AH-1178H2

Item No.	AH-1178D1+AH-1178D2+AH-1178D3
Explain	
Offset / mm	0~5
Product weight / kgs	6.2
Suggest using hinge	AH-1230 / 1161
Used for	Doors of prefabricated refrigerators, freezers and walk in type refrigerators, freezers.
Material	Zinc alloy
Finished	Chrome Plated
Packing / box	4 Sets
Box size / mm	L480 x W300 x H410
N.W. / kgs	25
G.W. / kgs	28



AH-1600 冷凍庫安全門把手

Safety Latches & Inside Release Handles



Features :

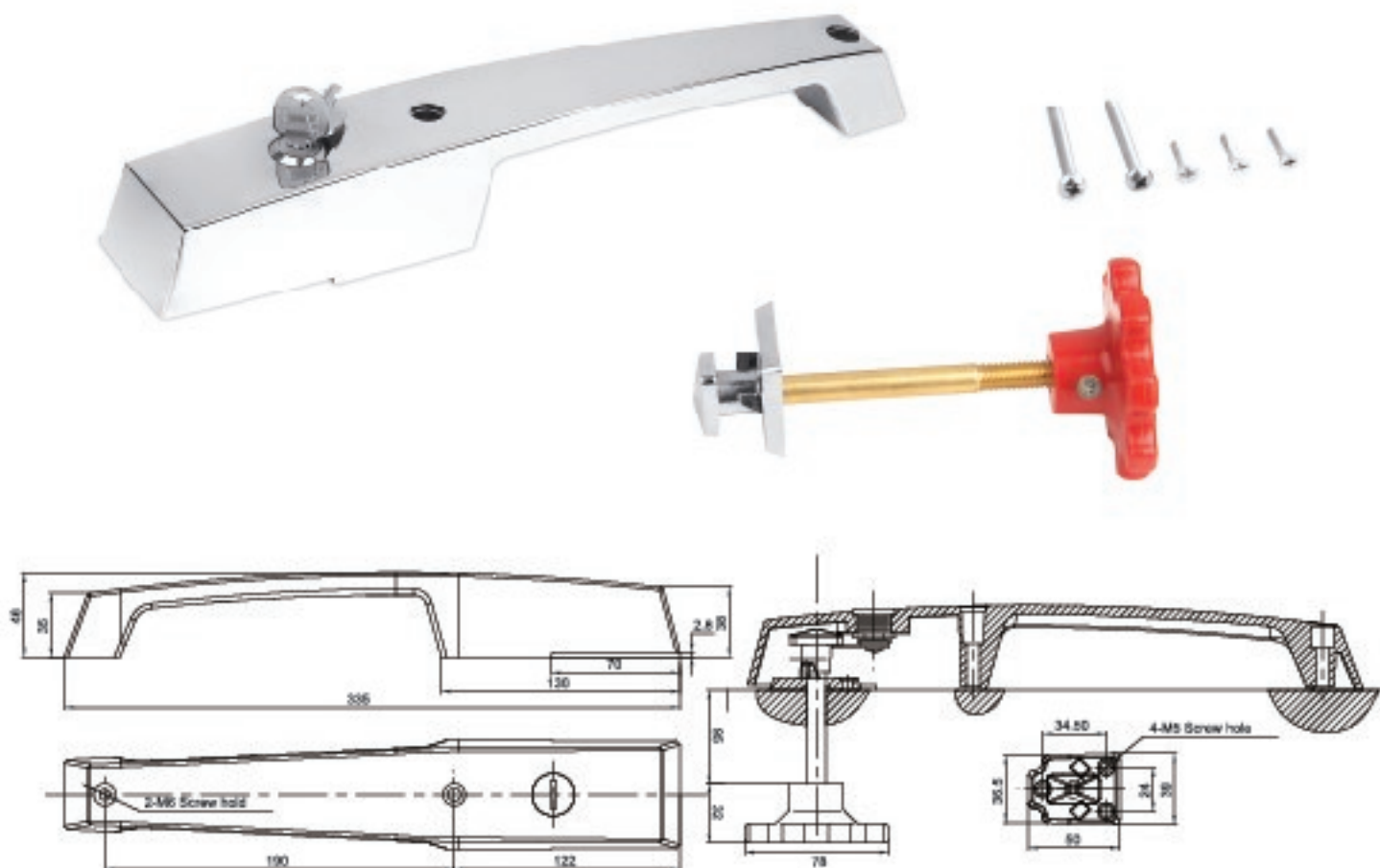
1. Safety mechanism-Even if locked with a lock or padlock, the door can be opened by operation an inside safety push rod from the inside.
2. Crime preventive design-The body and catch can be screwed from both the door outside and inside.
3. Can be used for right or left hand doors.

Item No.	AH-1600
Explain	AH-1600A+1600B+1600C
Offset / mm	0~5
Product weight / kgs	1.80
Suggest using hinge	H-1161 / 1161S / 1230N / 1230S
Used for	Large doors of prefabricated refrigerators, freezers and dry warehouses.
With stainless steel screws	M6 x 25 - 4pcs
Material	Zinc alloy
Finished	Chrome plated
Packing / box	10 Sets
Box Size / mm	L415 x W280 x H360
N.W. / kgs	19
G.W. / kgs	20



AH-1700 冷凍庫安全門把手

Safety Latches & Inside Release Handles



Features :

1. Safety mechanism-Even if locked with a lock or padlock, the door can be opened by operation an inside safety push rod from the inside.
2. Crime preventive design-The body and catch can be screwed from both the door outside and inside.
3. Can be used for right or left hand doors.

Item No.	AH-1700
Explain	AH-1700A+1700B+1700C
Offset / mm	0~5
Product weight / kgs	1.5
Suggest using hinge	AH-1460 / AH-1230 / AH-1238 / AH-1161
Used for	Large doors of prefabricated refrigerators, freezers and dry warehouses.
With stainless steel screws	M6 x 45 - 2pcs / M5 x 20 - 3pcs
Material	Zinc alloy
Finished	Chrome plated
Packing / box	15 Sets
Box Size / mm	L415 x W280 x H360
N.W. / kgs	23
G.W. / kgs	25



AH-711 門把手

Lever & Roller Latches

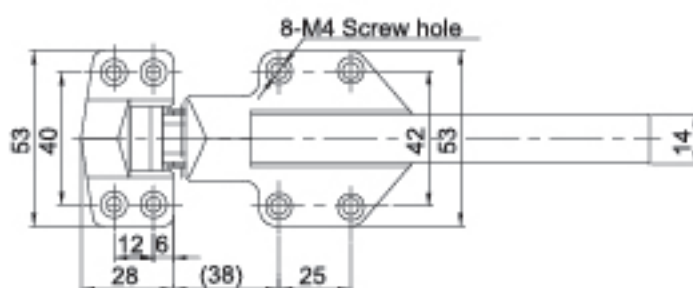
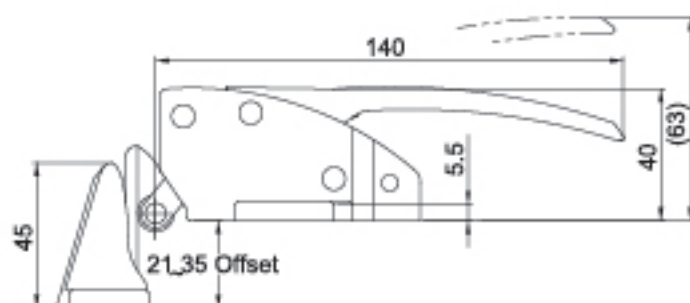
AH-711B



AH-711A



AH-711AS

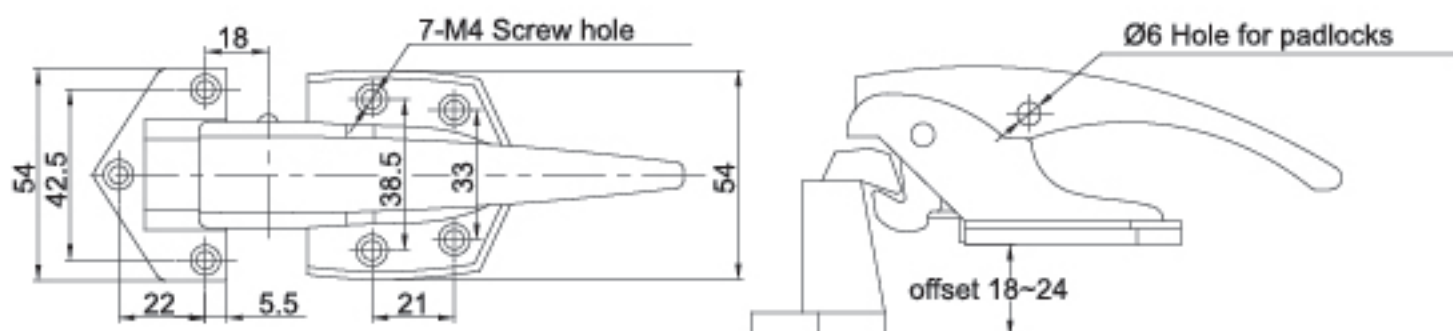


Features :

1. Small but sturdy structure endures violent opening and shutting of the door.
2. Functional, graceful design.
3. Key pins or pad locks can be used jointly.
4. Can be used for right or left hand doors.

Item No.	AH-711	AH-711S
Explain	AH-711A+711B	AH-711AS+711B
Offset / mm	21~35 Nylon round	21~35 Brass round
Product weight / kgs	0.32	
Suggest using hinge	AH-712 / 715	
Used for	Small sizes doors of cookinh equipment, medical apparatus and test apparatus.	
With stainless steel screws	M4 x 20 - 4pcs / M5 x 20 - 4pcs	
Material	Zinc alloy	
Finished	Chrome plated	
Packing / box	50 Sets	
Box Size / mm	L325 x W305 x H265	
N.W. / kgs	18	
G.W. / kgs	17	


AH-1300 門把手 (冷熱專用)
Lever & Roller Latches
AH-1300B

AH-1300A

Features :

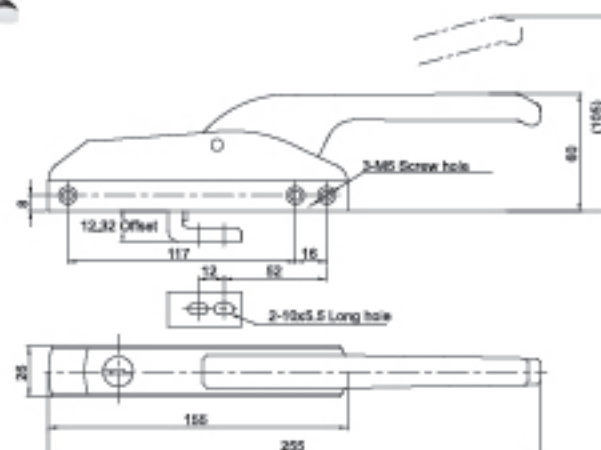
1. Small but sturdy structure endures violent opening and shutting of the door.
2. Functional, graceful design.
3. Key pins or pad locks can be used jointly.
4. Can be used for right or left hand doors.

Item No.	AH-1300
Explain	AH-1300A+1300B
Offset / mm	18~24
Product weight / kgs	0.42
Suggest using hinge	AH-712 / 715
Used for	Small sizes doors of cookinh equipment, medical apparatus and test apparatus.
With stainless steel screws	M5 x 20 - 4pcs / M4 x 20 - 3pcs
Material	Zinc Alloy
Finished	Chrome plated
Packing / box	50 Sets
Box Size / mm	L325 x W305 x H265
N.W. / kgs	22
G.W. / kgs	23



AH-1200 邊門把手

Edgemount Mechanical Latches



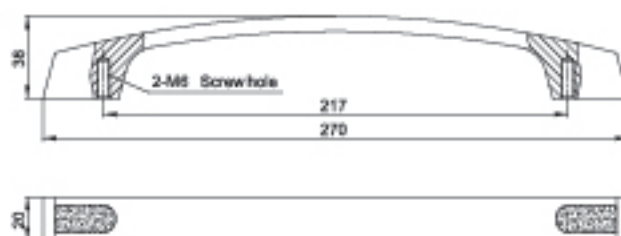
AH-1200B

Features :

1. Can be padlocked.
2. Finely adjustable tightening catches.
3. Can be used for right or left hand doors.

AH-1500 直型把手

Supplemental Hardware



Features :

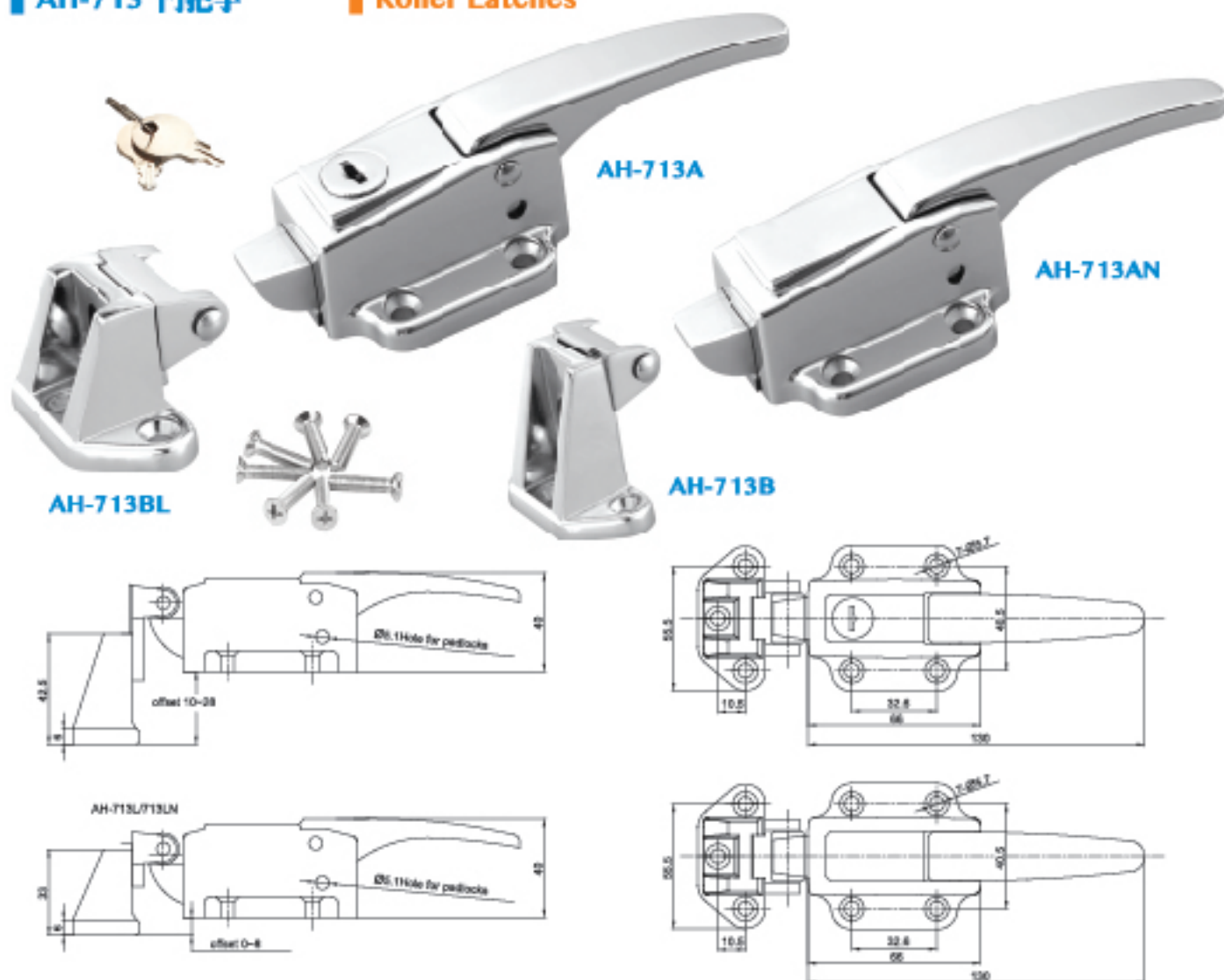
1. Please screw them from the side.

Item No.	AH-1200	AH-1500
Explain	AH-1200A+AH-1200B	-
Offset / mm	12~32	-
Product weight / kgs	0.61	0.26
Suggest using hinge	AH-712 / 715	Any
Used for	-	Doors of refrigerators, freezing and refrigeration show cases and moscellaneous show cases.
With stainless steel screws	M5 x 40 - 3pcs / M6 x 18 - 2pcs	M6 x 60 - 2pcs
Material	Zinc alloy	Zinc alloy
Finished	Chrome plated	Chrome plated
Packing / box	20 Sets	70 Sets
Box Size / mm	L340 x W280 x H190	L340 x W280 x H190
N.W. / kgs	13	18
G.W. / kgs	14	19



AH-713 門把手

Roller Latches



Features :

1. Small but sturdy structure endures violent opening and shutting of the door. Smooth operation.
2. Functional, graceful design.
3. Can be used for right or left hand doors.

Item No.	AH-713	AH-713N	AH-713L	AH-713LN
Explain	AH-713A+B	AH-713AN+B	AH-713A+BL	AH-713AN+BL
Offset / mm	10~28	10~28	0~8	0~8
Remark	With key	Without key	With key	Without key
Product weight / kgs	0.45	0.44	0.43	0.42
Suggest using hinge	AH-712 / 715	AH-712 / 715	AH-714	AH-714
Used for	Doors of refrigerators, freezers and small boxes.			
With stainless steel screws	M5 x 20 - 7pcs			
Material	Zinc alloy			
Finished	Chrome plated			
Packing / box	50 Sets			
Box Size / mm	L320 x W300 x H265			
N.W. / kgs	22			
G.W. / kgs	23			



AH-1450 / 1460 / 1470 冷凍庫門鉸鏈

Reach-In Door Hinge



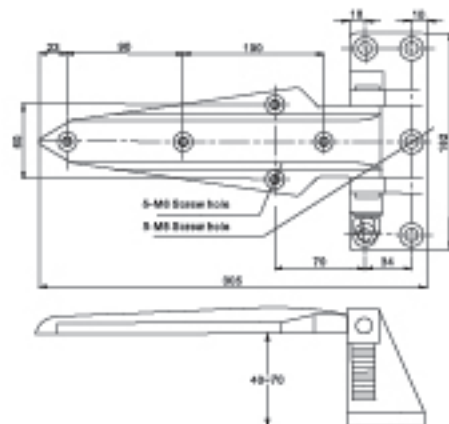
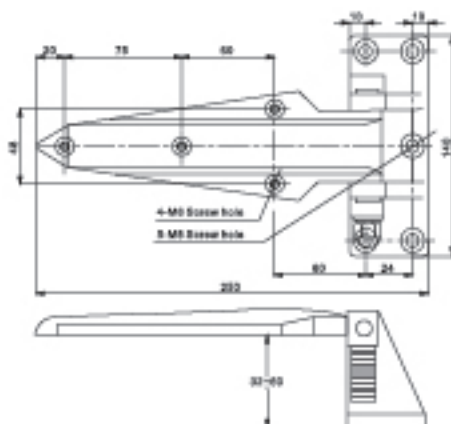
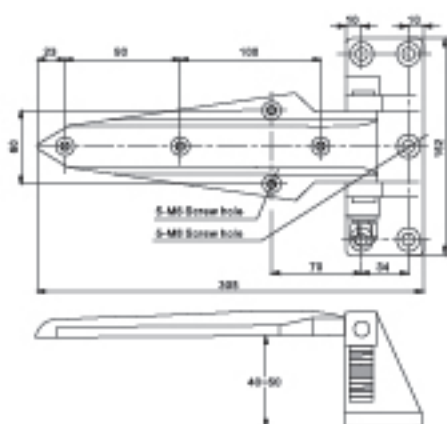
AH-1450



AH-1460



AH-1470



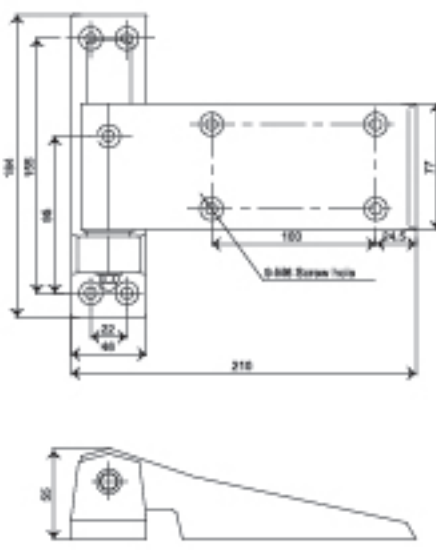
Features :

1. Superior salt, acid resistance suited to withstand severe environmental conditions.
2. Sturdy structure does not budge with frequent opening and shutting of the door. Can be used for right or left hand doors.
3. With stainless steel screws.

Item No.	AH-1450	AH-1460	AH-1470
Product weight / kgs	1.4	1.00	1.8
Installation height / mm	40~50	32~60	40~70
With stainless steel screws	M6 x 25 - 5pcs M8 x 25 - 5pcs	M6 x 25 - 9pcs	M6 x 25 - 5pcs M8 x 25 - 5pcs
Used for	Doors of refrigeration and medical apparatus.		
Material	Zinc alloy		
Finished	Chrome plated		
Packing / box	8 Pair	12 Pair	8 Pair
Box Size / mm	L365 x W305 x H350	L365 x W305 x H350	L365 x W305 x H350
N.W. / kgs	23	26	27
G.W. / kgs	24	27	28



Reversible Cam-Lift Hinge



A



B



C



1. A built in cam is lifted automatically when the door is opened.
2. Shuts automatically when the angle of the door is 120 or less.
3. The opening is held when the opening angle of the door is 180 or more.
4. S type with spring can automatically return hinge, can cooperate with HUB Hydraulic door closer use.
5. The left or right can be replace.

13



AH-1230 / 1238 冷凍庫門鉸鏈

Reversible Cam-Lift Hinge

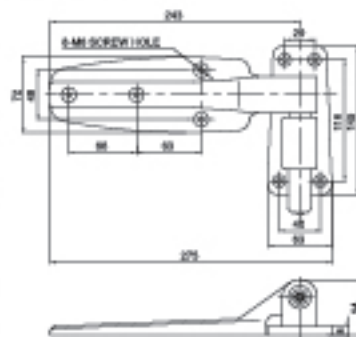
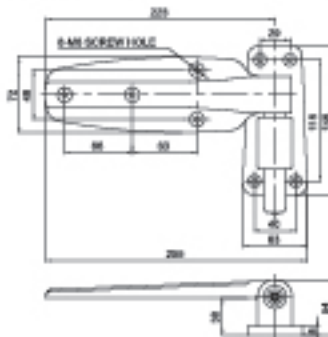
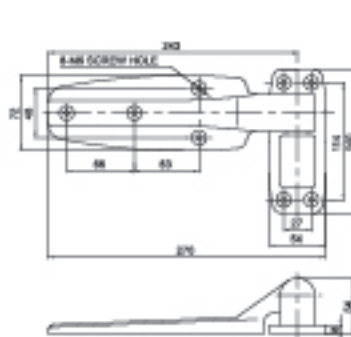
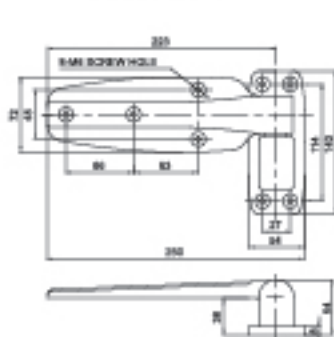


AH-1238N

AH-1230N

AH-1238S

AH-1230S



Replacement diagram about



Features :

1. A built in cam is lifted automatically when the door is opened.
2. Shuts automatically when the angle of the door is 120 or less.
3. The opening is held when the opening angle of the door is 180 or more.
4. S type with spring can automatically return hinge, can cooperate with HUB Hydraulic door closer use.
5. The left or right can be replace.

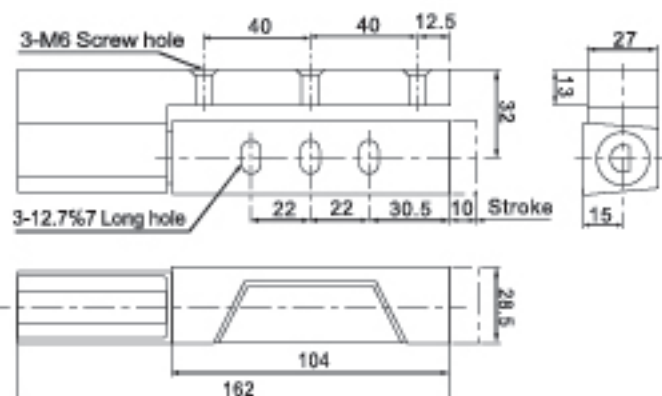
Item No.	AH-1230S	AH-1230N	AH-1238S	AH-1238N
Product weight / kgs	1.3	1.17	1.2	1.05
Explain	With spring	Without spring	With spring	Without spring
Off sets / mm	0~5	0~5	38	38
Used for	Large doors of prefabricated refrigerators, freezers and dry warehouses.			
With stainless steel screws	M6 x 25 - 8pcs			
Material	Zinc alloy			
Finished	Chrome plated			
Packing / box	6 Pair			
Box Size / mm	L325 x W325 x H260			
N.W. / kgs	16	14	15	13
G.W. / kgs	18	16	17	15



AH-1132 門鉸鏈



Edgemount Cam-Lift Hinges



Replacement diagram about



Features :

1. A built in cam is lifted automatically when the door is opened.
2. Shuts automatically when the angle of the door is 120 or less.
3. The opening is held when the opening angle of the door is 180 or more.
4. S type with spring can automatically return hinge, can cooperate with HUB Hydraulic door closer use.
5. The left or right can be replace.

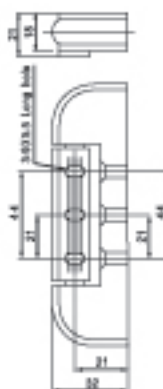
AH-1332 / 1336 門鉸鏈



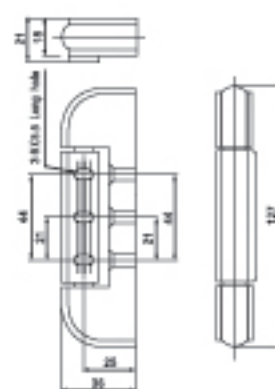
AH-1332



Edgemount Hinges



AH-1332



AH-1336

Features :

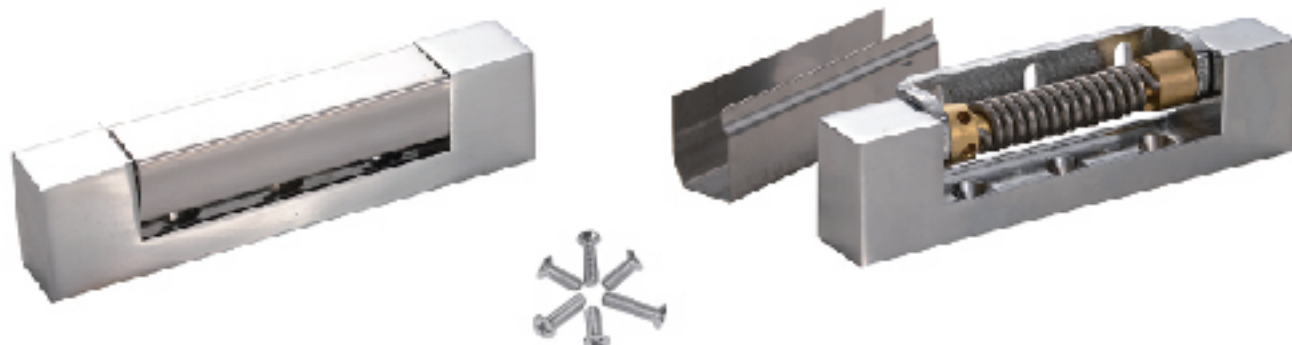
1. Most typical economical type.
2. Graceful streamlined shape.

Item No.	AH-1132	AH-1332	AH-1336
Product weight / kgs	0.53	0.158	0.168
Used for	Large doors of prefabricated refrigerators, freezers and dry warehouses.	Medium size and light large doors of cooking room equipment, medical apparatus and test apparatus.	
With stainless steel screws	M6 x 25 - 3pcs M6 x 18 - 3pcs	M6 x 25 - 3pcs M6 x 18 - 3pcs	
Material	Zinc alloy	Zinc alloy	
Finished	Chrome plated	Chrome plated	
Packing / box	25 Pair	50 Pair	
Box Size / mm	L360 x W285 x H290	L285 x W270 x H240	
N.W. / kgs	27	16	17
G.W. / kgs	29	17.5	18.5



AH-1334 門鉸鏈

Edgemoount Hinges



Spring cartridge kit installation



1. Assemble spring cartridge as shown.



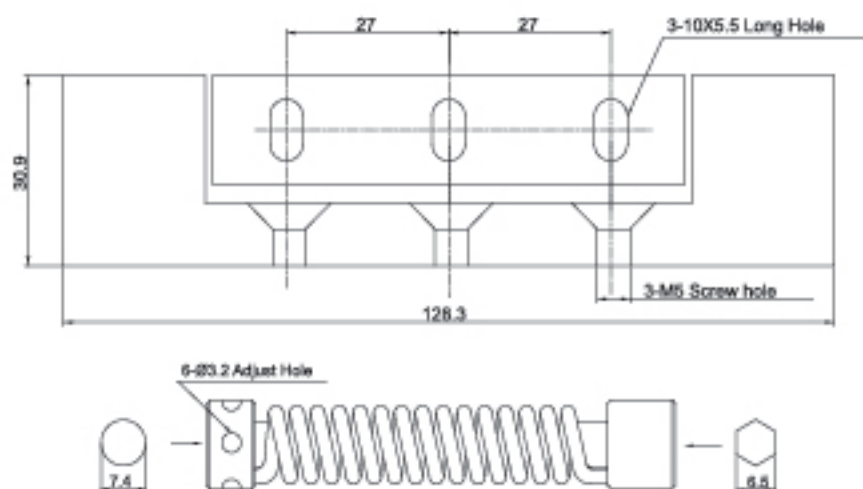
2. Slip bushing over hexagon pin on mounted hinge; then insert adjustment pin into adjustment bushing assembly.



3. Grasping adjustment pin, compress spring and place adjustment bushing assembly over round pin.



4. Adjust tension; then insert stop pin in hole of adjustment bushing assembly, over round pin.



Item No.

AH-1334

Product weight / kgs

0.33

Explain

With spring

Used for

dry warehouses.

With stainless steel screws

M5 x 20 - 6pcs

Material

Zinc alloy

Finished

Chrome plated

Packing / box

60 Pcs

Box Size / mm

L325 x W325 x H260

N.W. / kgs

19.5

G.W. / kgs

21



AH-712 / 714 / 715 冷凍庫門鉸鏈

Leaf Hinge



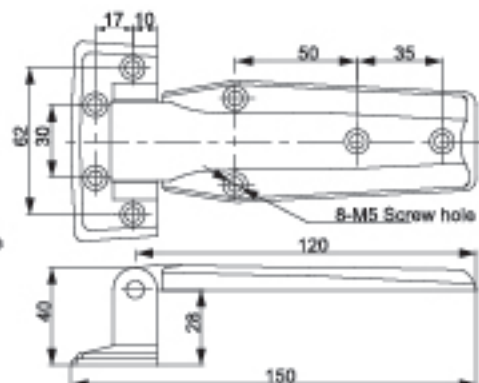
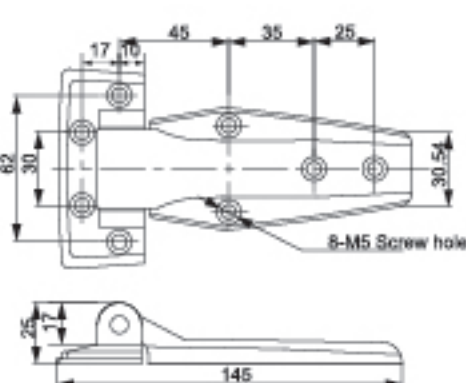
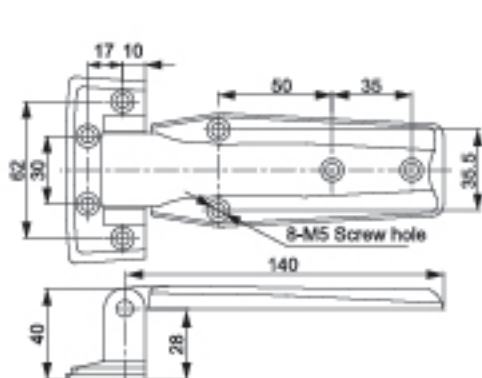
AH-712



AH-714



AH-715



Features :

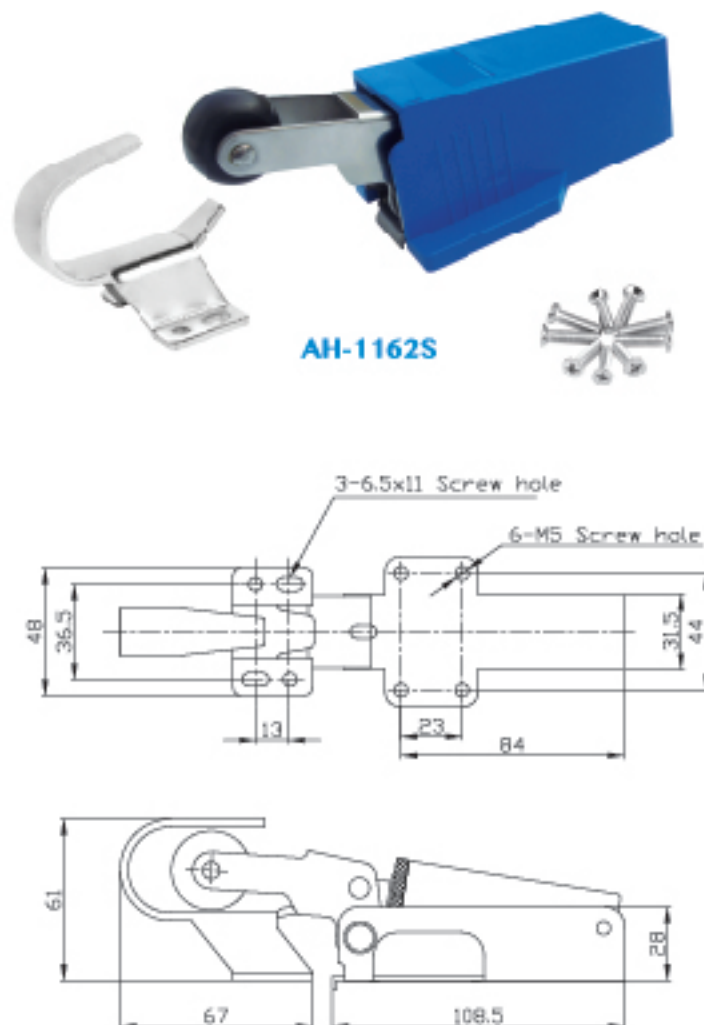
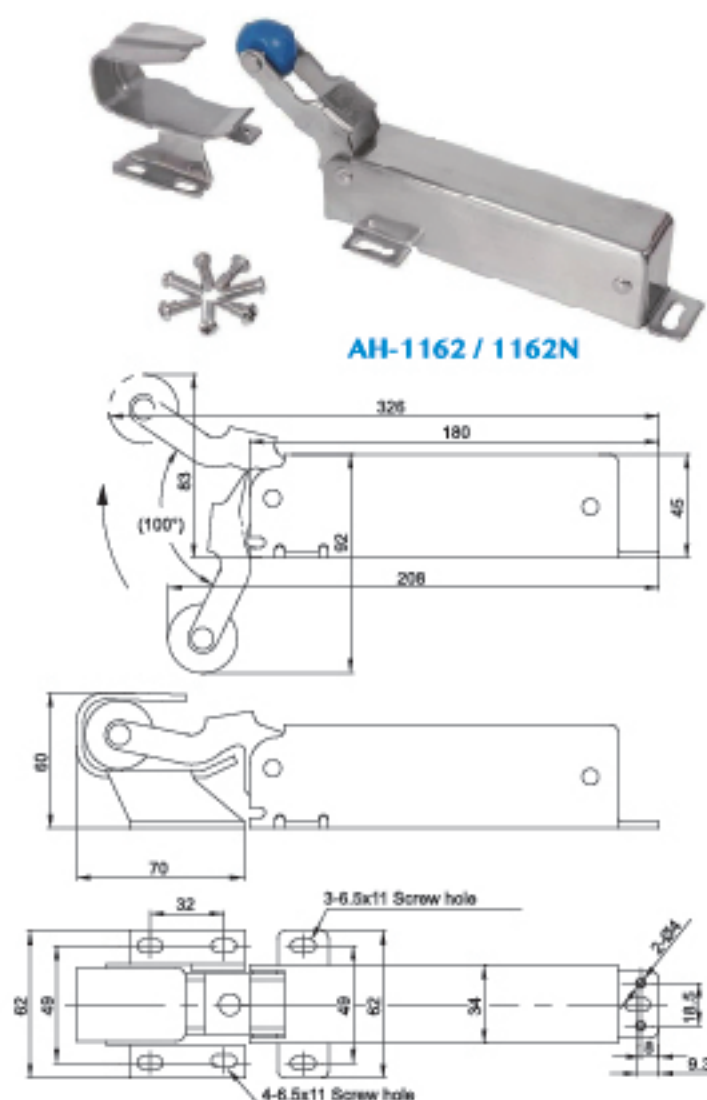
1. Can be used for right or left hand doors.

Item No.	AH-712	AH-714	AH-715
Product weight / kgs	0.29	0.27	0.25
Installation height / mm	28	0	28
Used for	Doors of refrigerators, freezers, cooking room equipment and test apparatus.		
With stainless steel screws	M5 x 20 - 8pcs	M5 x 20 - 8pcs	M5 x 20 - 8pcs
Material	Zinc alloy	Zinc alloy	Zinc alloy
Finished	Chrome plated	Chrome plated	Chrome plated
Packing / box	100 Pcs	48 Pcs	100 Pcs
Box Size / mm	L390 x W390 x H350	L340 x W280 x H190	L390 x W390 x H350
N.W. / kgs	30	13.5	25
G.W. / kgs	32	14.5	27



AH-1162 / 1162N / 1162S 冷凍庫閉門回歸器

Hydraulic Door Closer



Features :

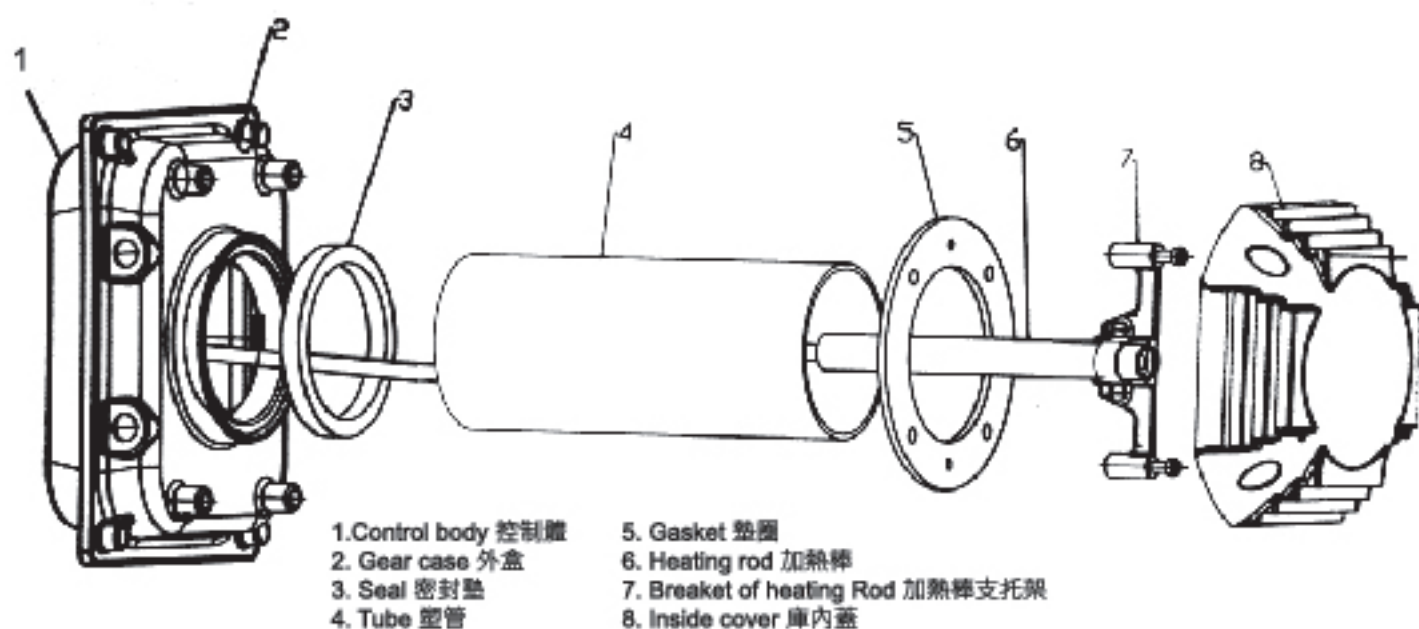
1. Hydraulic device can reduce the strength of the door shut and automatic closed.

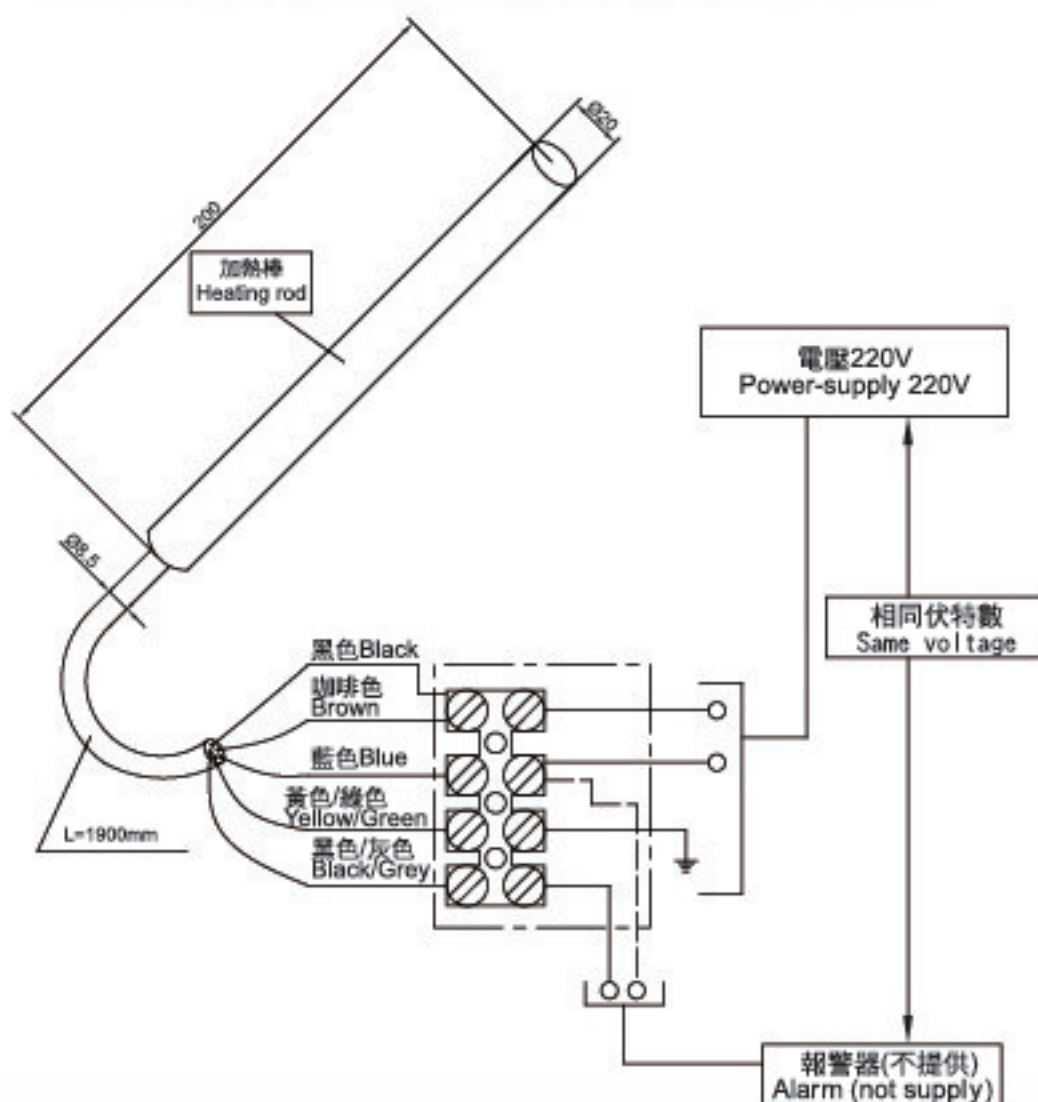
Item No.	AH-1162	AH-1162N	AH-1162S
Product weight / kgs	0.96	0.96	0.56
Installation height / mm	Steel	Stainless steel	Stainless steel
Used for	Large doors of prefabricated refrigerators, freezers and dry warehouses.	Large doors of prefabricated refrigerators, freezers and dry warehouses.	Large doors of prefabricated refrigerators, freezers and dry warehouses.
With stainless steel screws	M6 x 18 - 7pcs	M6 x 18 - 7pcs	M5 x 18 - 9pcs
Material	Stell+Brass	Stainless+Brass	Stainless+Aluminum alloy
Finished	Chrome plated	Chrome plated	Chrome plated
Packing / box	25 Sets	25 Sets	20 Sets
Box Size / mm	L415 x W280 x H360	L415 x W280 x H360	L350 x W340 x H200
N.W. / kgs	24	24	10.5
G.W. / kgs	26	26	12



防蟲濾網

Big-proof filter net





Features :

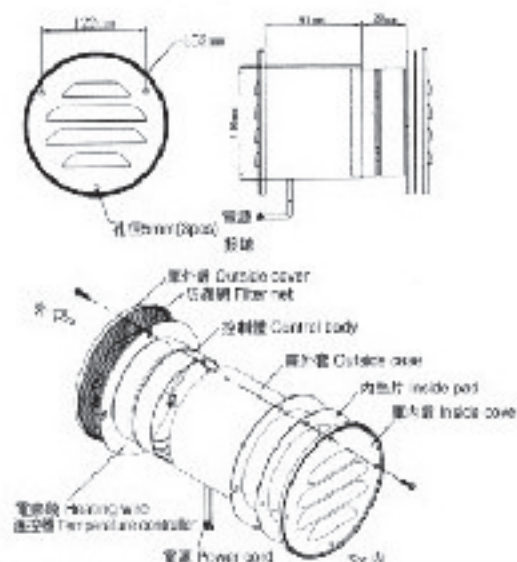
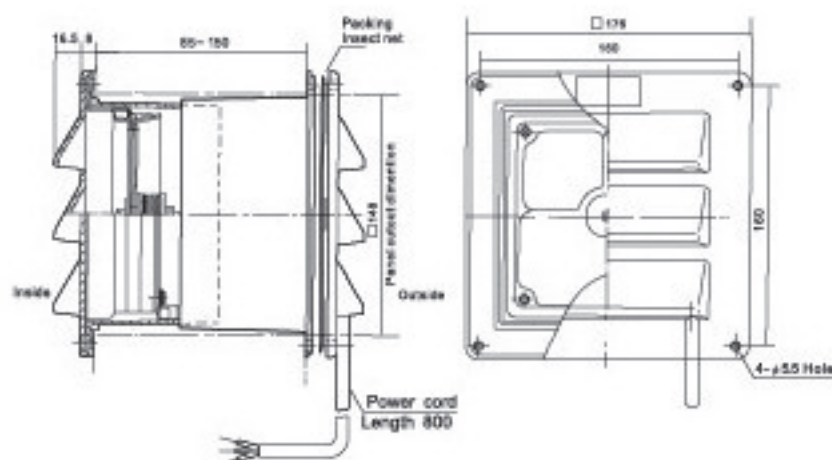
1. The walls of a cold room are constantly subject to strains caused by pressure variations, either from inside or from inside or from outside.
2. It's a mechanically operated valve, with two water tight mobile flaps, one for admission and the other for exhaust.
3. This Ventilators with Heating rod.
4. The security the rmostat is open between $11\pm3^{\circ}\text{C}$ ~ $0\pm4^{\circ}\text{C}$ when closed, the output alarm is under tension.
5. Ventilators functional is fully automatic.
6. Cleaning to not use a water jet under high pressure for the cleaning for the Ventilators. The equipment should be cleaned using cleaning agents that are compatible with the materials of the supplied product. For the dilution percentages, refer to the instructions of the cleaning agents to be used.
7. Attention : Do not install onto the ceiling a pressure ventilators wall mounting.

Item No.	AH-634
Product weight / kgs	1.7
Material	Plastic for 2 cases and the tube
Used for	Prefabricated refrigerators, freezers and heating cabinets
Packing / box	1 Pcs
Box Size / mm	L335 x W275x H280
N.W. / kgs	2.0
G.W. / kgs	2.3



AH-632 / 633 冷凍庫通風窗

Ventilators



Features :

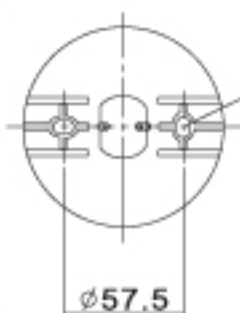
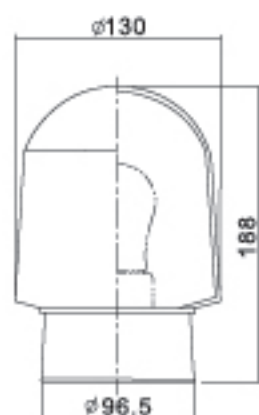
1. Regulates inside atmospheric pressure changes caused by expansion and contraction during freezing and defrosting.
2. With a heater for freeze prevention.
3. With an insect screen.

Item No.	AH-632	AH-632L	AH-633	AH-633L
Product weight / kgs	0.9	0.9	0.57	0.57
Explain	Square	Square	Round	Round
Power / Voltage	220V	110V	220V	110V
Used for	Prefabricated refrigerators, freezers and heating cabinets			
Workable ambient temp	-50°C~+60°C			
Packing / box	Chrome plated			
Box Size / mm	18 Pcs			
N.W. / kgs	L565 x W395 x H340		L510 x W380 x H360	
G.W. / kgs	16 17.5		9 10	



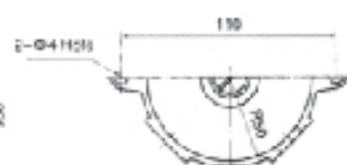
AH-1011 / 1012 冷凍庫照明燈

Cool Room Inside Lamps



Fitting hole 2-10×6

φ57.5

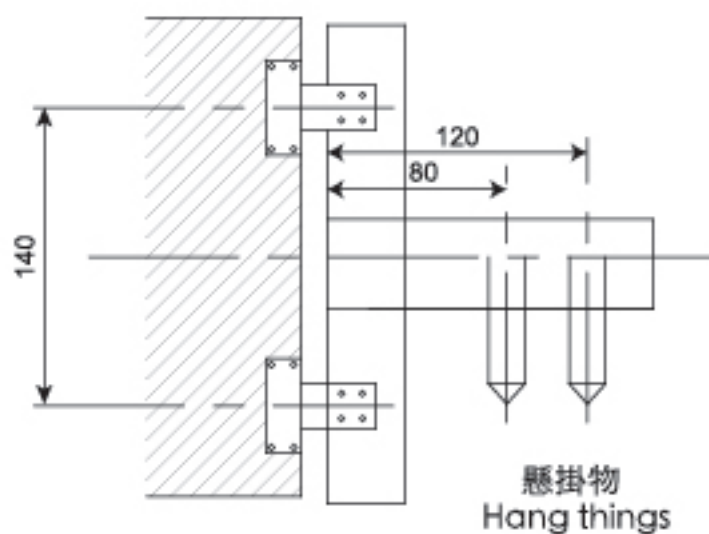


Features :

1. Sealed structure designed to withstand shocks and vibration.
2. Lower-priced lighting fixtures than those of fluorescent lamps.
3. Multiple inside lamps can be connected for use.

Item No.	AH-1011	AH-1012
Product weight / kgs	0.43	0.80
Explain	Body A&P	Body ADC glass
Power / Voltage	110V/220V	110V/220V
Used for	Prefabricated refrigerators and freezers	Prefabricated refrigerators and freezers
Packing / box	24 Pcs	20 Pcs
Box Size / mm	L570 x W435 x H435	L560 x W425 x H425
N.W. / kgs	11	13.5
G.W. / kgs	13	15

Hinge Bearing Reference List



Mode	1450	1460	1470	712	714	715	1238	1230	1161	1132	1332 / 1336	1334
Torque / cm	120	80	120	80	80	80	120	120	120	80	80	80
Bearing / kg	450	350	450	250	250	250	350	350	500	350	110	140

Latches & Hinges Assembled Sketch Map



HANDLES, HINGES, HYDRAULIC DOOR CLOSER, VENTILATORS, LAMPS





AH-100 杠杆式涨管器

Lever Tube Expanding Tool Kit



AH-100A / AH-100M



AH-100AL / AH-100ML

Proven riveted expander heads with extralong segments for perfect, safe joints.



50% less energy required due to improved bearings and computer designed angle technology.

Pivot arms forged from solid steel for strength and durability Ergonomic hand grips will not trap fingers.

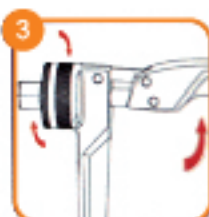
Ergonomic hand grips will not trap fingers.



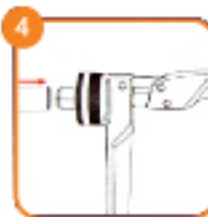
1. Deburr inside of tube.



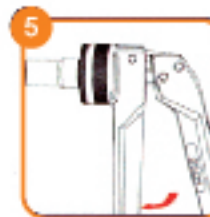
2. To create perfectly expanded tubing for soldering or brazing, you must use soft copper or fully anneal end of tube to be expanded.



3. Pull expander handle up to 90-degree position. Maintain this position as you screw the appropriate size head over the center-punch and tighten.



4. Insert the end of the tube over the expander head completely.



5. Pull the lever completely down.



6. Return the lever to the 90-degree position. Remove expanded tube.

Features :

1. Hand-operated, single-stage expander is designed to expand tubing for fast, accurate joints in soft steel tube without using fittings.
2. Free-floating and self-centering expander mechanism.
3. Expander segments are made of high-quality hardened steel.

Item No.	AH-100A	AH-100M	AH-100AL	AH-100ML
Explain	AH-100A+312+208	AH-100M+312+208	AH-100A+312+208	AH-100M+312+208
Size	For inch: 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8" O.D. tubing.	For metric: 10mm, 12mm, 16mm, 19mm, 22mm, 25mm, 28mm O.D. tubing.	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.	For metric: 10mm, 12mm, 16mm, 19mm, 22mm, 25mm, 28mm, 32mm, 35mm, 38mm & 42mm O.D. tubing.



AH-300 液壓式漲管器

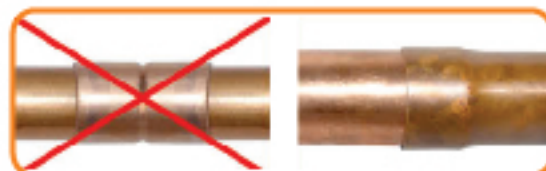
Hydraulic Tube Expander



AH-300A/AH-300M



AH-300AL/AH-300ML



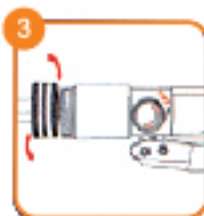
- No copper coupling needed any more, Save cost of material.
- Only one side need to be welded.
- Save cost and reduce possibility of leak.
- Manual hydraulic mechanism design can expand tubings from 10mm to 42mm.
- Used for soft copper tube, Aluminium tube, Titanium tube, soft steel and other soft tube.



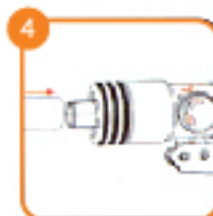
1. Deburr inside of tube.



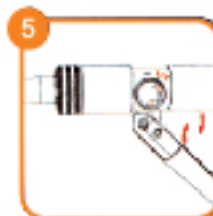
2. Anneal the tube if necessary (for hard or thick wall tube)



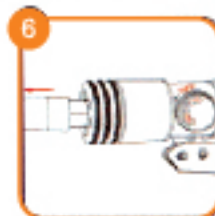
3. Screw the expander head on expander.



4. Put the end of tube on expander head.



5. Tighten the relief valve knob to "on" position the pump handle until tube is expanded to the end.



6. Turn the relief valve knob to "off" position to loosen expander head, remove expanded tube.

Item No.	AH-300A	AH-300M	AH-300AL	AH-300ML
Explain	AH-300A+107+207	AH-300M+107+207	AH-300A+107+207	AH-300M+107+207
Size	For inch : 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8" O.D. tubing.	For metric : 10mm, 12mm, 16mm, 19mm, 22mm, 25mm, 28mm, O.D. tubing.	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.	For metric : 10mm, 12mm, 16mm, 19mm, 22mm, 25mm, 28mm, 32mm, 35mm, 38mm, 42mm O.D. tubing.



45° 偏心擴孔器

45° Eccentric Cone Type Flaring Tools



AH-806A/806M



AH-806A-S/806M-S

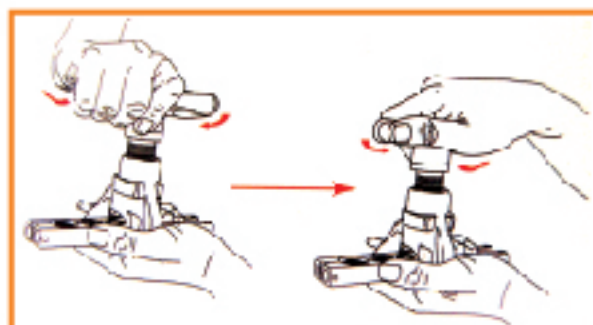


AH-806A-L/806M-L



AH-806AM-L

- Easy operation, save time and energy.
- The special cone eccentric revolution will be allows the internal opening gradually and form 45° accurate and regular flare without, preventing tube slippage downward. Therefore, the flare face will be smooth, unifrm without scratching.
- Eccentric cone will be rebound by itself after the work is finished, make the idle top head in revolution again for 1-2 rounds and have the flare face in friction to make it prettier.



Item No.	AH-806A	AH-806A-S	AH-806A-L	AH-806M	AH-806M-S	AH-806M-L	AH-806AM-L
Explain	-	AH-806A+ AH-274	AH-806A+ AH-274+208	-	AH-806M+ AH-274	AH-806M+ AH-274+208	AH-806A+ AH-806M+ AH-274+208
Size / Inch	1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing in color box.	1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing in color box.	1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing in hand carrying plastic case.	6,8,10,12,16, 19mm O.D. tubing in color box.	6,8,10,12,16, 19mm O.D. tubing in color box.	6,8,10,12,16, 19mm O.D. tubing in hand carrying plastic case.	1/4", 5/16", 3/8", 1/2", 5/8", 3/4" & 6,8,10,12,16, 19,mmO.D. tubing in hand carrying plastic case.



45° 偏心擴孔器

45° Eccentric Cone Type Flaring Tools



AH-808A/808M



AH-808A-S/808M-S

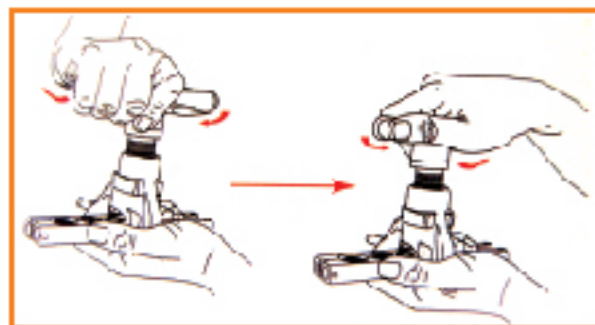


AH-808A-L/808M-L



AH-808AM-L

- Easy operation, save time and energy.
- The special cone eccentric revolution will be allows the internal opening gradually and form 45° accurate and regular flare without, preventing tube slippage downward. Therefore, the flare face will be smooth, uniform without scratching.
- Eccentric cone will be rebound by itself after the work is finished, make the idle top head in revolution again for 1-2 rounds and have the flare face in friction to make it prettier.



Item No.	AH-808A	AH-808A-S	AH-808A-L	AH-808M	AH-808M-S	AH-808M-L	AH-808AM-L
Explain	-	AH-808A+ AH-274	AH-808A+ AH-274+208	-	AH-808M+ AH-274	AH-808M+ AH-274+208	AH-808A+ AH-808M+ AH-274+208
Size / inch	3/6", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing in color box.	3/6", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing in color box.	3/6", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing in hand carrying plastic case.	5, 6, 8, 10, 12, 16, 19mm O.D. tubing in color box.	5, 6, 8, 10, 12, 16, 19mm O.D. tubing in color box.	5, 6, 8, 10, 12, 16, 19mm O.D. tubing in hand carrying plastic case.	3/6", 1/4", 5/16", 3/8", 1/2", 5/8", & 3/4" & 5, 6, 8, 10, 12, 16, 19 mm O.D. tubing in hand carrying plastic case.



AH-275 擴孔器組

45° Flaring & Swaging Tool

- Flares 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & 3/4" O.D.
- Includes 5 swage adapters that swage 7 tube sizes 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D.



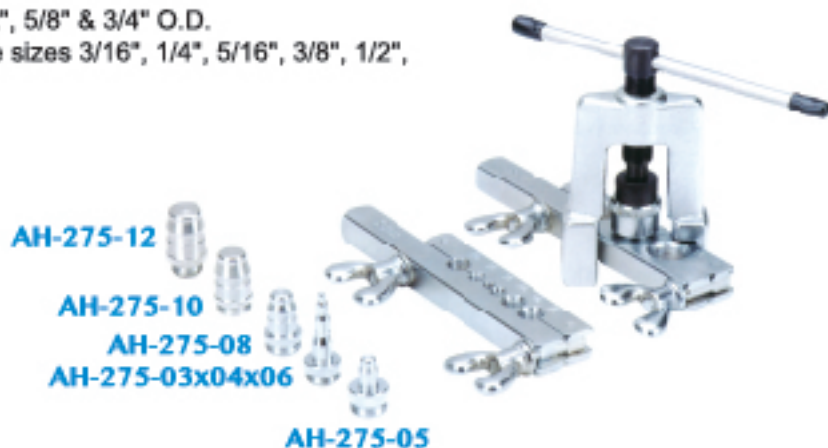
AH-275-12

AH-275-10

AH-275-08

AH-275-03x04x06

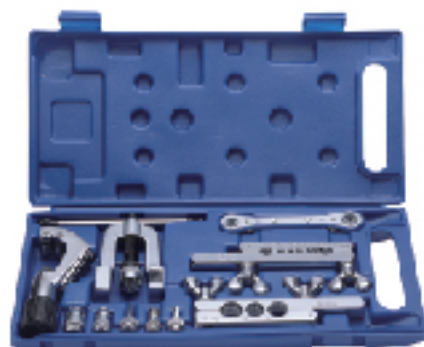
AH-275-05



AH-278 擴孔器組

45° Flaring & Swaging Kit

- Flares 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & 3/4" O.D.
- Includes 5 swage adapters that swage 7 tube sizes 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D.
- AH-274 tube cutter for 1/8"~1-1/8" (3~28mm)
- AH-122 ratchet wrench for 1/4", 3/8", 3/16", 5/16"



AH-122



AH-274

AH-277L 擴孔器組

45° Flaring & Swaging Kit

- Flares 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & 3/4" O.D.
- Includes 5 swage adapters that swage 7 tube sizes 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D.
- AH-274 tube cutter for 1/8"~1-1/8" (3~28mm)
- AH-102-04 / 05 / 06 / 08 spring-type tube benders for 1/4", 5/16", 3/8", 1/2"



AH-274

AH-102-04 / 05 / 06 / 08



AH-195 擴孔器

45° Flaring Tools

- AH-195 common extrusion flaring tool.
For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8" O.D. tubing.



AH-1226 擴孔器

45° Flaring & Cutting Kit

- AH-195 common extrusion flaring tool.
For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8" O.D. tubing.
- AH-274 tube cutter 1/8"~1-1/8" (3~28mm)
packed in hand carrying plastic case.



AH-96 擴孔器

45° Double Flaring & Cutting Tool Kit

- AH-96F flares 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8" and 6mm, 8mm, 10mm, 12mm, 16mm & 19mm O.D. tubing.
- Includes 7 double flaring adapters which cover 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8" O.D. tubing.
- Packed in hand carrying plastic case.



AH-93 擴孔器

Swaging Punch



Item No.	AH-93-03	AH-93-04	AH-93-05	AH-93-06	AH-93-08	AH-93-10	AH-93-12	AH-93-14	AH-193
O.D. size	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	AH-93-04 AH-93-05 AH-93-06 AH-93-08 AH-93-10
Nom size	1/8"	1/4"	1/4"	1/4"	3/8"	1/2"	5/8"	3/4"	

AH-94 擴孔器

3-in-1 Swaging Punch

- For 1/2", 5/8" & 7/8" O.D.



AH-95 擴孔器

All-in-One Swaging Punch

- AH-95 For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8" O.D.
- AH-96 For 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & 3/4" O.D.



**AH-500 活動塊擴孔器****Blocks Type Flaring Tool**

- For use with soft copper, aluminum and brass tubing. Faceted, hard chrome-finished come rolls out perfect 45° flares above die block-then automatically burnishes flare face. Original wall thickness is maintained at base of flare. New slip-on yoke permits use in tight quarters where is little space between nut and tube end. Larger handle, with better leverage, and precision threads on feed screw make flaring effortless. Heat treated dies firmly grip tubing. Stain chrome and black finish.

Item No.	AH-500	AH-505
Description	Mini cutter For Ø3/16", 1/4", 5/16", 3/8", 1/2" & 5/8"	Mini cutter For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4"
Material	Steel	Steel

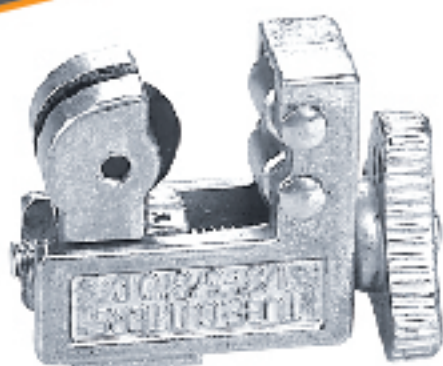
AH-525 萬能擴孔器**Grabber Flaring Tool**

- Insert tubing into adjustable opening of tube holding assembly. Position end of tubing approximately 1/8" above the surface of holder.
- Tighten clamp screw approximately 1/2 to 3/4 of a turn beyond free travel position to secure tubing.
- Be certain flaring cone surface is oiled. Slip yoke over tube holding assembly centering on tubing. Twist yoke clockwise to lock in position. Turn yoke handle clockwise to flare.

Item No.	AH-525	AH-526
Description	Mini cutter For Ø3/16" to 5/8" (5-16mm)	Mini cutter For Ø3/16" to 3/4" (5-19mm O.D.)
Material	Steel	Steel

AH-103 / AH-203 擴孔器**Grabber Flaring Tool**

Item No.	AH-103	AH-203
Description	Mini cutter For Ø7/8", 1", 1-1/8"	Mini cutter For Ø5/8", 3/4", 7/8", 1-1/8"
Material	Steel	Steel



AH-127 / AH-128 切管刀

Tube Cutter

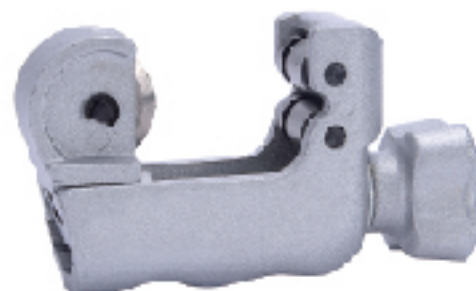
Item No.	AH-127	AH-128
Description	Mini cutter For Ø1/8" to 5/8" (3-16mm)	Mini cutter For Ø1/8" to 7/8" (3-22mm)
Material	Zinc alloy body	Zinc alloy body



AH-174 切管刀

Tube Cutter

Item No.	AH-174
Description	Mini cutter For Ø1/8" to 1-1/8" (3-28mm)
Material	Zinc alloy body



AH-319 切管刀

Tube Cutter

Item No.	AH-319
Description	Mini cutter For Ø1/8" to 3/4" (3-19mm)
Material	Zinc alloy body



AH-428 切管刀

Tube Cutter

Item No.	AH-428
Description	Mini cutter For Ø3/16" to 1-1/8" (4-28mm)
Material	Zinc alloy body



AH-105

AH-107

AH-105 / 107 切管刀**Tube Cutter**

Item No.	AH-105	AH-107
Description	Heavy-duty cutter For Ø1/8" to 1-1/4" (3-32mm)	Heavy-duty cutter For Ø1/4" to 2" (5-50mm)
Material	Aluminum alloy body	Aluminum alloy body



AH-274

AH-312

AH-274 / 312 切管刀**Tube Cutter**

- Cutting copper, titanium, stainless steel and aluminum tubing.
- Tube cutter stays the same length for use in restricted area.
- Smooth groove in rollers can stabilize damaged flares and cut it easily.
- Special 65Mn material blade, cut tubing more sharp and accurate.
- With a spare cutting blade.

Item No.	AH-274	AH-312
Description	Heavy-duty cutter For Ø1/8" to 1-1/8" (4-28mm)	Heavy-duty cutter For Ø1/4" to 1-5/8" (5-42mm)
Material	Aluminum alloy body	Aluminum alloy body

**AH-206 切管刀****Tube Cutter**

- Ratchet feed mechanism speeds up cutting operation.
- Extra wide rollers with flare cut-off groove stabilize tubing.
- Spare cutting wheel included under handle cap.
- Light weight aluminum alloy body.

Item No.	AH-206
Description	For Ø3/8" to 2-5/8" (10-66mm)
Material	Aluminum alloy body

切管刀片**Cutter Blade**

AH-127-B

AH-274-B

AH-105-B

Item No.	AH-127-B	AH-274-B	AH-312-B	AH-105-B / 107-B	AH-206-B
Description	For AH-127 / 128	For AH-274	For AH-312	For AH-105 / 107	For AH-206
Material	65mm Steel	65mm Steel	65mm Steel	65mm Steel	65mm Steel



AH-532 / 650 切管刀 (附轴承)

Roller Type Tube Cutter

Performance

High-performance bearings

High-performance bearings are used in both the roller and blade, so the cutter turns easily with only slight force even with the cutting load applied.

Ideal for copper or thin wall stainless steel pipes the blade allows you to use the cutter for cutting thin-walled stainless steel pipes and polyethylene (PE) pipes, (Replacement blades sold separately)

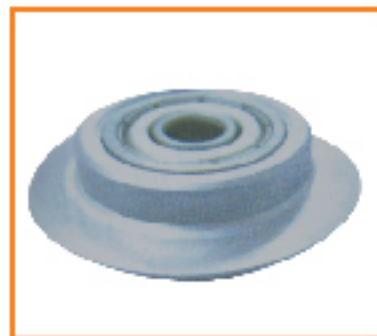
Improved cutting performance

The use of ball bearings not only reduces cutting resistance but also dramatically improves cutting accuracy, the most important factor determining the quality of the finished cut.



AH-532

AH-650



- Advanced roller system



- Rollers with radial ball bearings (model N67P)



- So light! so easy to use!

- Ball bearings make the difference!
- Great cuts with the greatest of ease!
- High-quality radial ball bearings enable tube cutters to cut with less effort than any previous models.
- Give them a try and see just how easy it is!
- Alloy steel they can even cut thin wall stainless steel pipes.

Item No.	AH-532	AH-650	AH-532B / 650B
Description	Heavy-duty cutter For Ø3/16" to 1-1/4" (4-32mm)	Heavy-duty cutter For Ø1/4" to 2" (5-50mm)	Heavy-duty cutter For AH-532 / 650
Material	Aluminum alloy body	Aluminum alloy body	Alloy steel blade



AH-364 彎管器

Tube Benders



- Each tool bends one size.
- For bending soft copper, brass, aluminium, steel, stainless steel and other very thin metals.
- Calibrated marking with red colour to show angle of bend, Wide hook grips tugging securely.
- Makes smooth short radius bends up to 180° with minimum effort, No marking, scraping or flattening of tubing.
- New fixed hook tube benders furnished have easy 90° start-require much less effort to make fast, accurate bends.

Item No.	AH-364A-04	AH-364A-05	AH-364A-06	AH-364A-08	AH-364A-10	AH-364A-12	AH-364A-14
O.D.tubing	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"
Center of tube (radius) / mm	14.30	17.50	23.30	38.50	56.50	75.50	84.20

AH-368A-05 三合一彎管器180°

180° 3-in One Tube Benders



- Aluminum alloy body, bend for 1/4", 5/16", 3/8" O.D. Tubing.
- Open size-slips on tubing at any point, can bend 0.4mm thin tube without distortion.
- Calibrated markings for making accurate left-hand, right-hand, and offset bends 180° start requires less effort. Makes bending fast and easy.

AH-368A-04 三合一彎管器90°

90° 3-in One Tube Benders



- Aluminum alloy body, bend for 1/8", 3/16", 1/4" O.D. Tubing.
- Open size-slips on tubing at any point, can bend 0.4mm thin tube without distortion.
- Calibrated markings for making accurate left-hand, right-hand, and offset bends 90° start requires less effort. Makes bending fast and easy.

AH-369 四合一彎管器

4-in One Tube Benders



- For 3/16", 1/4", 5/16", 3/8" O.D. tubing.
- Open size-slips on tubing at any point, can bend 0.4mm thin tube without distortion.
- Calibrated markings for making accurate left-hand, right-hand, and offset bends 180° start requires less effort. Makes bending fast and easy.



彎管彈簧

Spring-Type Tube Benders



Item No.	AH-102-04	AH-102-05	AH-102-06	AH-102-08	AH-102-10	AH-102-12	AH-103-06	AH-103-08	AH-103-10
Size in.	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1/2"	5/8"	3/4"
Length in.	12	12	12	12	12	12	118	118	118



AH-201X 大力鉗

7" Pinch-Off Plier With Grip



AH-201 封口鉗

7" Pinch-Off Plier

- Pinch off Plier for Refrigeration Copper Tubing up to 5/16".



AH-208



AH-208S

AH-208 / 208S 塑料倒角器

Inner-Outer Reamer

- Plastic body, 3/16"~1-1/2" O.D.tubing.
- Reams both inside and outside edges of tubing.



AH-209 鋅合金倒角器

Inner-Outer Reamer

- Zinc body, 1/4"~1-5/8" O.D.tubing.
- Reams both inside and outside edges of tubing.



AH-207 轉動倒角器

Deburrer

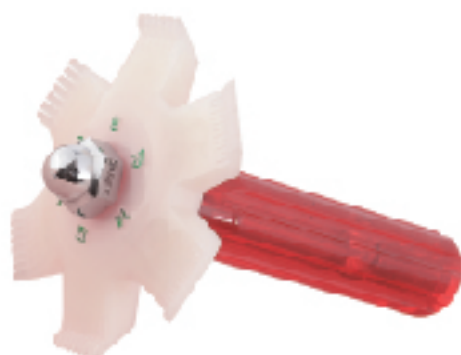
- Handy deburrer, blade can be swivelled.



AH-352 鋼絲鱗片梳

Steel Fin Straightener

- Fin straightener stain less steel.
- Cleaning & straightening evaporator fin.



AH-351 多尺寸鱗片梳

Fin Straightener

- Six fin straighteners in one-6-in-1-will clean and straighten condensor and evaporator coil lines having spacings of 8, 9, 10, 12, 14 and 15 fins per inch. small, compact, easy to use in confined spaces. 9/16", 1/2" hex.



AH-213 PVC 管子割刀

PVC Tube Cutter

- For 1-5/8" PVC Tube.



AH-122



AH-122X

AH-122 棘輪扳手**Ratchet Wrench**

- Covers 4 sizes for 1/4", 3/8", 3/16" and 5/16" square ratchet.



AH-123



AH-123X

AH-123 棘輪扳手**Ratchet Wrench**

- Covers 4 sizes for 1/4", 3/16", square 9/16", 1/2" hex ratchet.

**AH-203 毛細管剪刀****Capillary Tube Cutter**

- Cuts all sizes of capillary tubes without collapsing nor swaging the tubes.



AH-301



AH-302



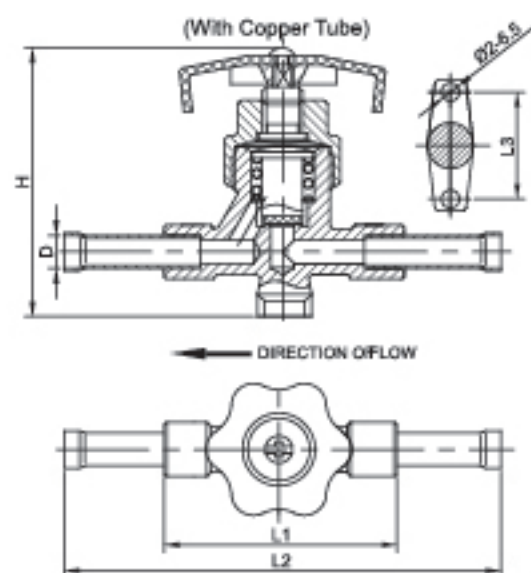
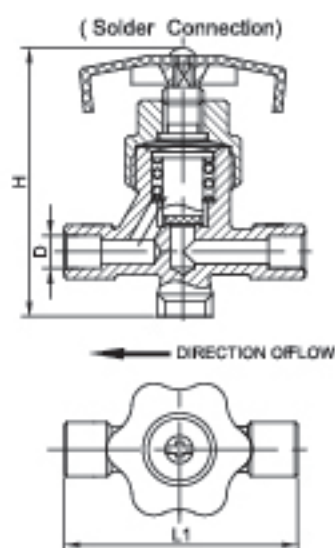
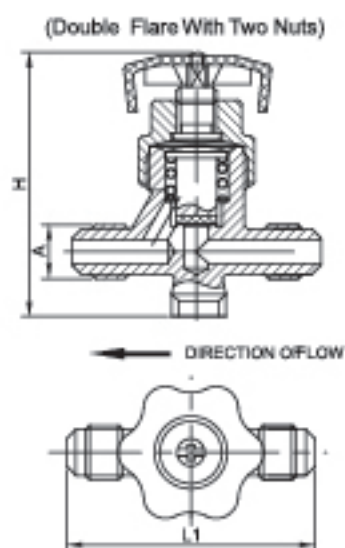
AH-303

伸縮鏡 / 檢拾工具**Retractable Mirror / Pick up Tools**

Item No.	AH-301	AH-302	AH-303
Mirror O.D. / mm	32	50	-
Length closed / mm	127	200	123
Length open / mm	500	410	637
Dimension / mm	8	10	-

手動閥

Hand Valves



1. Diaphragm hand valve is a manually-operated cut-off valve, which is applicable to one direction flow, used for refrigeration and air condition liquid and hot pipe road.
2. Connection mode can choose threaded connections, HanKou connection, welded pipe connection.

Item No.	A	D	L1	L2	L3	H
AH-D-04	1/4" SAE		57		34	
AH-D-06	3/8" SAE		67		36.6	
AH-D-08	1/2" SAE		78		41.9	
AH-D-10	5/8" SAE		81		40	
AH-D-12	3/4" SAE		104		50.5	
AH-D-14	7/8" SAE		122.5		57	
AH-S-04		1/4"	57		34	
AH-S-06		3/8"	67		36.6	
AH-S-08		1/2"	78		41.9	
AH-S-10		5/8"	81		40	
AH-S-12		3/4"	104		50.5	
AH-S-14		7/8"	122.5		57	
AH-ST-04		1/4"		157	34	
AH-ST-06		3/8"		167	36.6	
AH-ST-08		1/2"		178	41.9	
AH-ST-10		5/8"		181	40	
AH-ST-12		3/4"		204	50.5	
AH-ST-14		7/8"		222.5	57	



尖頭閥

Pointed Valve



Item No.	Thread	Tube O.D.	Remark
CV-D-04	1/4" SAE		Flare
CV-D-06	3/8" SAE		
CV-D-08	1/2" SAE		
CV-D-10	5/8" SAE		
CV-D-12	3/4" SAE		
CV-D-14	7/8" SAE		
CV-SD-04	1/4" SAE	Ø6.5	Flare & solder connection
CV-SD-06	3/8" SAE	Ø9.8	
CV-SD-08	1/2" SAE	Ø13	
CV-SD-10	5/8" SAE	Ø16	
CV-SD-12	3/4" SAE	Ø19.2	
CV-SD-14	7/8" SAE	Ø22.5	
CV-ST-04		Ø6.5	Solder connection (with tube)
CV-ST-06		Ø9.8	
CV-ST-08		Ø13	
CV-ST-10		Ø16	
CV-ST-12		Ø19.2	
CV-ST-14		Ø22.5	

排氣閥

Receiver Valves



Item No.	Thread
RV-04x04	1/4" SAE x 1/4" NPT
RV-04x06	1/4" SAE x 3/8" NPT
RV-06x06	3/8" SAE x 3/8" NPT
RV-08x08	1/2" SAE x 1/2" NPT
RV-10x08	5/8" SAE x 1/2" NPT

球閥

Capped Globe Valve



Item No.	Tube O.D.
CGV-14	7/8"
CGV-18	1-1/8"
CGV-22	1-3/8"
CGV-26	1-5/8"

分離式冷氣機閥

Split Air-Conditioner Valve



Item No.	Thread	Tube O.D.
SA-602-60MM	1/4" SAE	1/4"
SA-603-60MM	3/8" SAE	3/8"
SA-604-60MM	1/2" SAE	1/2"
SA-605-60MM	5/8" SAE	5/8"
SA-606-60MM	3/4" SAE	3/4"
SA-607-60MM	7/8" SAE	7/8"

壓縮機閥

Compressor Valve



AVA-90X

AVA-80X / 81X / 82X

Item No.	T/C con size	T/C rotolock	SAE	Body
AVA-803	3/8" O.D.	1"	1/4"	□20
AVA-804	1/2" O.D.		1/4"	
AVA-805	5/8" O.D.		1/4"	
AVA-815	5/8" O.D.	1-1/4"	1/4"	□30
AVA-816	3/4" O.D.		1/4"	
AVA-817	7/8" O.D.		1/4"	
AVA-827	7/8" O.D.	1-3/4"	1/4"	□35
AVA-828	1-1/8" O.D.		1/4"	
AVA-829	1-3/8" O.D.		1/4"	
AVA-903	3/8" SAE	1"	1/4"	□20
AVA-904	1/2" SAE		1/4"	
AVA-905	5/8" SAE		1/4"	



■ 焊接直角閥

■ Angle Valves



Item No.	Double tube O.D.	SAE
AV-06x06	3/8"	1/4"
AV-08x08	1/2"	1/4"
AV-10x10	5/8"	1/4"
AV-12x12	3/4"	1/4"
AV-14x14	7/8"	1/4"
AV-18x18	1-1/8"	1/4"
AV-22x22	1-3/8"	1/4"
AV-26x26	1-5/8"	1/4"
AV-34x34	2-1/8"	1/4"

■ 托架閥

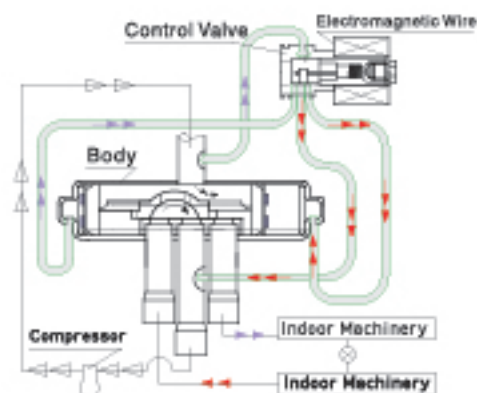
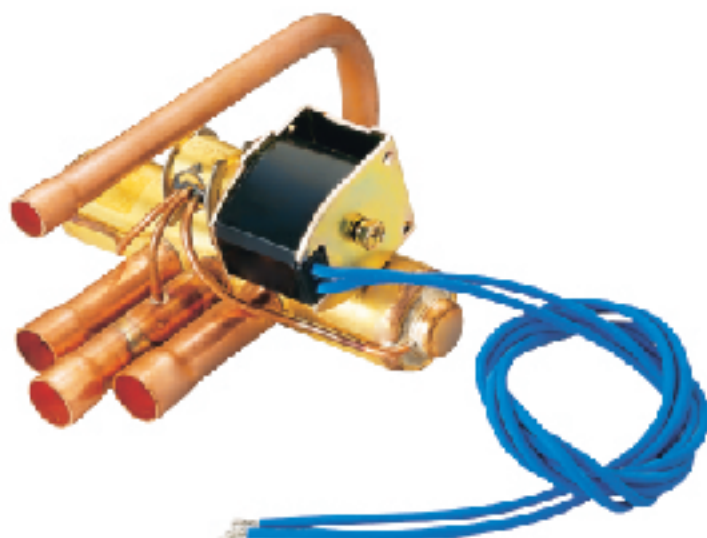
■ Steel Service Valves



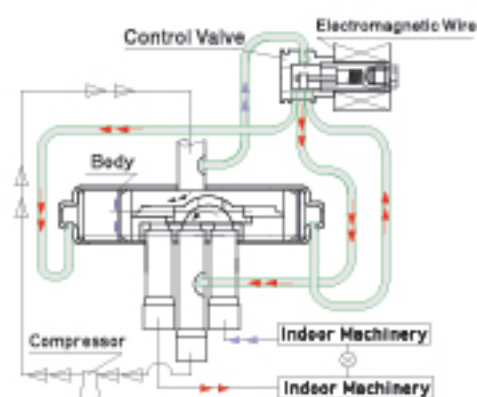
Item No.	Double fare in / out	SAE	Body
SV-04x04	1/4" SAE	1/4"	□20
SV-06x06	3/8" SAE	1/4"	
SV-08x08	1/2" SAE	1/4"	
SV-10x10	5/8" SAE	1/4"	
SV-12x12	3/4" SAE	1/4"	□30
SV-14x14	7/8" SAE	1/4"	

四通换向阀

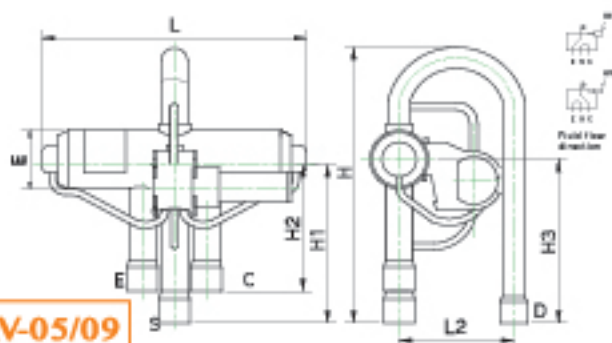
4-Way Reversing Valves



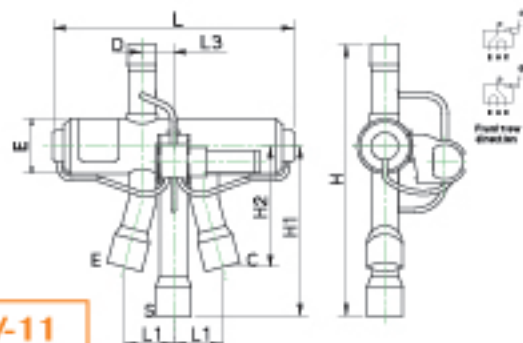
Making cold circulation draw



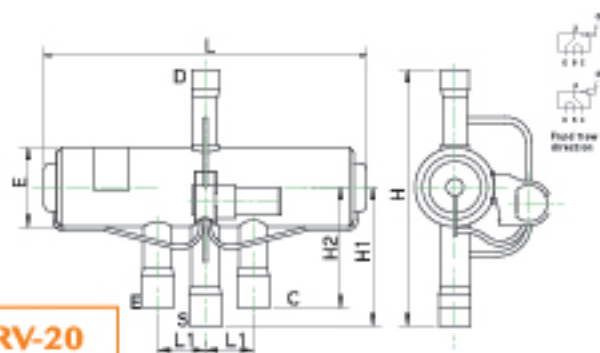
Making hot circulation draw



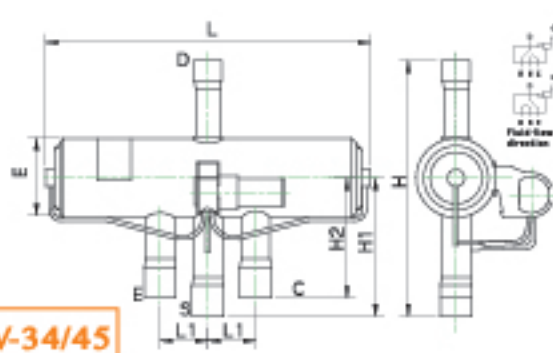
WRV-05/09



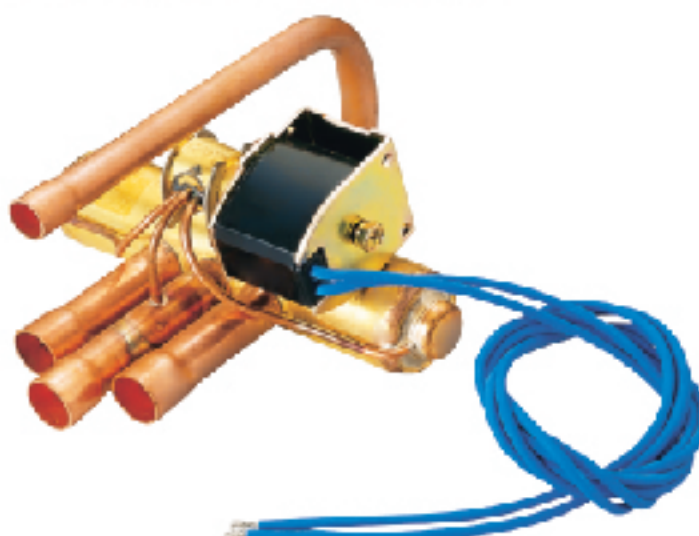
WRV-11



WRV-20



WRV-34/45



• Size exposition

Item No.	WRV-05 (05A)	WRV-09 (09A)	WRV-11 (11A)	WRV-20 (20A)	WRV-34 (34A)	WRV-45 (45A)
L	93±2.5	115.5±2.5	115.5±2.5	176±2.5	228±3.5	250±3.5
L1	12±1	16±2.5	25±2.5	29±2.5	33.5±3.5	37±3.5
L2	43±2.5	52±2.5	-	-	-	-
L3	-	-	16±2.5	-	-	-
H	104.5±2.5	120±2.5	139±2.5	162±2.5	181±2.5	204±2.5
H1	62±2.5	69±2.5	87±2.5	95±2.5	98±2.5	111±2.5
H2	50±2.5	59±2.5	52±2.5	83±2.5	85±2.5	98±2.5
H3	62±2.5	69±2.5	-	-	-	-
E	Ø22	Ø27	Ø27	Ø34.5	Ø45	Ø45

• Principally technology parameter

Item No.	WRV-05	WRV-09	WRV-11	WRV-20	WRV-34	WRV-45	WRV-05A	WRV-09A	WRV-11A	WRV-20A	WRV-34A	WRV-45A
Part size / mm	8	11.1	11.5	15.5	20	25	8	11.1	11.5	15.5	20	25
Allow able substance	R22 / R134a / R407C						R410A					
Nominal capacity / kw	4.7	9	11	20	34	45	6	12	14.5	27	45	60
Connection soldering ODF												
Charge / mm	8.0	9.5	12.7	12.7	19.05	22.2	8.0	9.5	12.7	12.7	19.05	22.2
Charge / in.	5/16"	3/8"	1/2"	1/2"	3/4"	7/8"	5/16"	3/8"	1/2"	1/2"	3/4"	7/8"
Discharge / mm	9.5	12.7	15.9	19.05	22.2	28.6	9.5	12.7	15.9	19.05	22.2	28.6
Discharge / in.	3/8"	1/2"	5/8"	3/4"	7/8"	1-1/8"	3/8"	1/2"	5/8"	3/4"	7/8"	1-1/8"
Pressure diferential												
Max. / mpa	2.25	2.25	2.25	2.25	2.25	2.25	3.1	3.1	3.1	3.1	3.1	3.1
Max. / mpa	0.25	0.25	0.34	0.34	0.34	0.34	0.30	0.34	0.4	0.4	0.4	0.4
Max. operating pressure / mpa	2.9	2.9	2.9	2.9	2.9	2.9	4.15	4.15	4.15	4.15	4.15	4.15
Max. fluid temperature / °C	-20°C~+120°C						-20°C~+120°C					
Voltage / V	AC220 or AC110						AC220 or AC110					
Inside leakage / ml / min	<1000	<1500	<2000	<4000	<6000	<6000	<1000	<2000	<2000	<4000	<5000	<6000
Allowable power / HP	3/4-1.5	3/4-2	2-4	3-8	7.5-12	8-15	3/4-1.5	3/4-2	1-2	4-8	8-15	15-20

焊管充灌閥



Solder Tube Union

Item No.	Thread	Thube O.D. out	Length / mm	Length can be custom
SU-02-100	1/4" SAE	1/8"	100	
SU-03-100	1/4" SAE	3/16"	100	
SU-04-100	1/4" SAE	1/4"	100	
SU-05-100	1/4" SAE	5/16"	100	
SU-06-100	1/4" SAE	3/8"	100	

定位環充灌閥



Solder Tube Union (with rings)

- Tube O.D. out 1/4" rings O.D. out 8mm

Item No.	Thread
SU-04A-L (tube length)	1/4" SAE (7/16"-20 UNF)
SU-05A-L (tube length)	5/16" SAE (1/2"-20 UNF)

彎管充灌閥



Solder Tube Union (tube bending)

- Tube O.D. out 1/4", rings O.D. out 8mm, thread is 1/4" SAE

Item No.	Specification
YSU-04-22	For R22
YSU-04-410a	For R410a

管牙充灌閥



Male Union

- For R12, R22, R134, R410 (with valve core)

Item No.	Specification
AH-627-04x02	1/4" SAE x 1/8" NPT
AH-627-04x04	1/4" SAE x 1/4" NPT

AH-628-04 雙接式充灌閥



Charing & Discharging Valve

Item No.	Specification
AH-628-04	1/4" SAE x 1/4" SAE (with valve core)

三通充灌閥



UT-221

UT-222

UT-223S/227S

3-Way Tube Union

- For R12, R22, R134, R410 (with valve core)

Item No.	Specification
UT-221	1/4" SAE x 1/4" SAE x 1/8" NPT
UT-222	1/4" SAE x 1/4" SAE x 1/4" NPT
UT-222S	1/4" SAE x 1/4" OD x 1/4" OD
UT-223S	1/4" SAE x 3/8" OD x 3/8" OD
UT-224S	1/4" SAE x 1/2" OD x 1/2" OD
UT-225S	1/4" SAE x 5/8" OD x 5/8" OD
UT-226S	1/4" SAE x 3/4" OD x 3/4" OD
UT-227S	1/4" SAE x 7/8" OD x 7/8" OD

AH-7000 多尺寸充灌閥



Multi Size Solder Tube Union

• For 1/8", 3/16", 1/4", 5/16", 3/8", 1/2" O.D. with valve core.

焊接充灌閥



Solder Tube Union

Item No.	Thread	O.D.in	O.D.out
AH-34	1/4" SAE	3/16"	1/4"
AH-46	1/4" SAE	1/4"	3/8"
AH-58	1/4" SAE	5/16"	1/2"
AH-68	1/4" SAE	3/8"	1/2"

AH-628L-04 雙接式充灌閥



Charging & Discharging Valve (With Two Nuts)

Item No.	Specification
AH-628L-04	For R12, R22, R134, R410 (with valve core)

SU-04L 加長螺紋充灌閥



Solder Tube Union (With Two Nuts)



Item No.	Specification
SU-04L	For R12, R22, R134, R410 (with valve core)

VCR-04 止頭蓋



Valve Core Remover

Item No.	Thread
VCR-04	1/4" SAE

止頭蓋



Flare Seal Cap

Item No.	Thread
AH-640-04	1/4" SAE
AH-640-05	5/16" SAE

閥芯



SU-22

SU-410

SU-410L

Valve Core

Item No.

SU-22

For R12, R22

SU-410

For R134, R410

SU-410L

For R134, R410

多尺寸氣芯工具



DVCT-02

Dual Valve Core Tool

- For R12, R22, R134, R410

AH-340 開罐器



Can Tap Valves

- Thread is 1/4" SAE.
- Durable type fits for all kinds flat or thread cans.

冷媒開罐器



Can Tap Valves

Item No.	Can thread	Connection	Refrigerant
AH-438	M12x1.5mm	1/4" SAE	R12
AH-438N	1/2" ACME	1/2" ACME	R134A
AH-438R	1/4" SAE	1/4" SAE	R12

冷媒開罐器



Can Tap Valves

Item No.	Can thread	Connection	Refrigerant
AH-338	M12x1.5mm	1/4" SAE	R12
AH-339	M12x1.5mm	10mm	R134A
AH-339J	M14x1.5mm	10mm	R134A
AH-339J-2	M14x1.25mm	10mm	R134A

AH-341 針閥



Universal Line Piercing Valves

- Valve fits 3/16" thru 3/8" and their metric equivalent OD tube sizes self-aligns on tube.
- Valve core for built-in flow check furnished with cap.

薄膜式連接氣



AH-5701

AH-5700

Thin Film Type Connector

Item No.	Thread	O.D.	Remark
AH-5700-04		1/4"	Without one way valve
AH-5700-06		3/8"	
AH-5700-08		1/2"	
AH-5700-10		5/8"	
AH-5701-04	1/4" SAE	1/4"	With one way valve
AH-5701-06	1/4" SAE	3/8"	
AH-5701-08	1/4" SAE	1/2"	
AH-5701-10	1/4" SAE	5/8"	

小球閥



AH-1301
AH-1302

AH-1303
AH-1304

AH-1307

Small Ball Valves

Item No.	Explain
AH-1301	Male of 1/4" SAE, female of 1/4" NPT
AH-1302	Male of 1/4" SAE, female of 1/8" NPT
AH-1303	Male of 1/8" NPT, Male of 1/4" SAE
AH-1304	Male of 1/4" NPT, Male of 1/4" SAE
AH-1305	Male of 1/4" SAE, female of 1/4" npt 45° swivel elbow
AH-1306	Male of 1/4" SAE, female of 1/4" SAE 90° swivel elbow
AH-1307	Male of 1/4" SAE, female of 1/4" SAE 180° swivel elbow

视窗 (喇叭口)



Moisture Indicator (Double Flare With Two Nuts)

Item No.	Connection SAE	mm
AH-700-04	1/4"	6
AH-700-06	3/8"	10
AH-700-08	1/2"	12
AH-700-10	5/8"	16
AH-700-12	3/4"	19
AH-700-14	7/8"	22

视窗 (焊接型)



Moisture Indicator (Solder Connection)

Item No.	Connection O.D. in	mm
AH-700-04-S	1/4"	6
AH-700-06-S	3/8"	10
AH-700-08-S	1/2"	12
AH-700-10-S	5/8"	16
AH-700-12-S	3/4"	19
AH-700-14-S	7/8"	22

视窗 (焊管型)



Moisture Indicator (Solder W/Ext. Tube)

Item No.	Connection O.D. in	mm
AH-700-04-ST	1/4"	6
AH-700-06-ST	3/8"	10
AH-700-08-ST	1/2"	12
AH-700-10-ST	5/8"	16
AH-700-12-ST	3/4"	19
AH-700-14-ST	7/8"	22

视窗 (公母型)



Moisture Indicator (Male to Swivel Flare Nut)

Item No.	Connection SAE	mm
AH-700-04-MS	1/4"	6
AH-700-06-MS	3/8"	10
AH-700-08-MS	1/2"	12
AH-700-10-MS	5/8"	16
AH-700-12-MS	3/4"	19
AH-700-14-MS	7/8"	22

■ 視窗 (喇叭口)



■ Moisture Indicator (Double Flare With Two Nuts)

Item No.	Connection SAE	mm
AH-800-04	1/4"	6
AH-800-06	3/8"	10
AH-800-08	1/2"	12
AH-800-10	5/8"	16
AH-800-12	3/4"	19
AH-800-14	7/8"	22

■ 視窗 (焊管型)



■ Moisture Indicator (Solder W/Ext. Tube)

Item No.	Connection O.D. in	mm
AH-800-04-ST	1/4"	6
AH-800-06-ST	3/8"	10
AH-800-08-ST	1/2"	12
AH-800-10-ST	5/8"	16
AH-800-12-ST	3/4"	19
AH-800-14-ST	7/8"	22

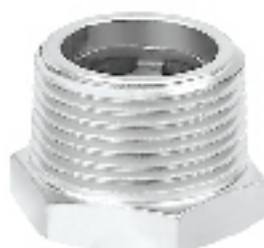
■ 液位視窗 (銅制)



■ Liquid Level / Position (Brass)

Item No.	Connection
AH-600-08	1/2" NPT
AH-600-12	3/4" NPT

■ 液位視窗 (鐵制)



■ Liquid Level / Position (Iron)

Item No.	Connection
AH-500-08	1/2" NPT
AH-500-12	3/4" NPT



冷媒膠管



Charging Hoses (With 1/4" Fitting)

- HUB hose connector all with 1/4" SAE (7/16-20unf) fitting.
- See the picture, if need the yellow charging hoses one side with one way valve, please add "v" to the end of item number.
- Hose length can be customized.

Item No.	Description		Material of seal
AH-336-RYB	R22	36"(92cm)	NBR / PTFE
AH-360-RYB	R22	60"(152cm)	NBR / PTFE
AH-372-RYB	R22	72"(183cm)	NBR / PTFE
AH-396-RYB	R22	96"(244cm)	NBR / PTFE
AHA-336-RYB	R134A	36"(92cm)	NBR / PTFE
AHA-360-RYB	R134A	60"(152cm)	NBR / PTFE
AHA-372-RYB	R134A	72"(183cm)	NBR / PTFE
AHA-396-RYB	R134A	96"(244cm)	NBR / PTFE
AHC-336-RYB	R410	36"(92cm)	NBR / PTFE
AHC-360-RYB	R410	60"(152cm)	NBR / PTFE
AHC-372-RYB	R410	72"(183cm)	NBR / PTFE
AHC-396-RYB	R410	96"(244cm)	NBR / PTFE

冷媒膠管

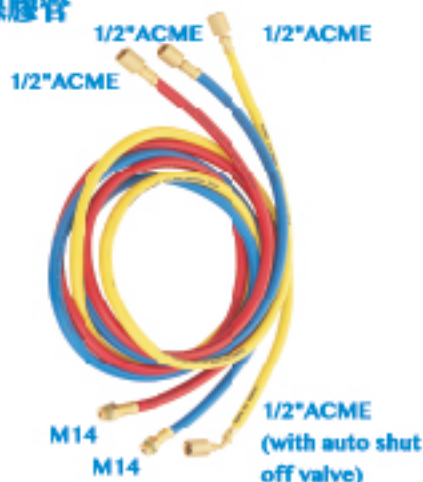


Charging Hoses

- HUB hose connector
red & blue : 1/4"SAE x 5/16"SAE
yellow : 1/4"SAE x 1/4"SAE

Item No.	Description		Material of seal
AHD-336-RYB	R410	36"(92cm)	NBR / PTFE
AHD-360-RYB	R410	60"(152cm)	NBR / PTFE
AHD-372-RYB	R410	72"(183cm)	NBR / PTFE
AHD-396-RYB	R410	96"(244cm)	NBR / PTFE

冷媒膠管



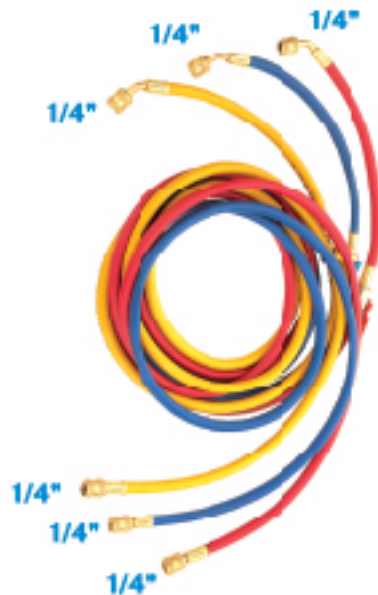
Charging Hoses (For R134a)

- HUB hose connector red & blue : 1/2" ACME-F x M14-M
yellow : 1/2" ACME-F x 1/2" ACME-F (with auto shut off valve)
- Hose length can be customized.

Item No.	Description		Material of seal
AHB-336-RYB	R134	36" (92cm)	NBR / PTFE
AHB-360-RYB	R134	60" (152cm)	NBR / PTFE
AHB-372-RYB	R134	72" (183cm)	NBR / PTFE
AHB-396-RYB	R134	96" (244cm)	NBR / PTFE



冷媒膠管

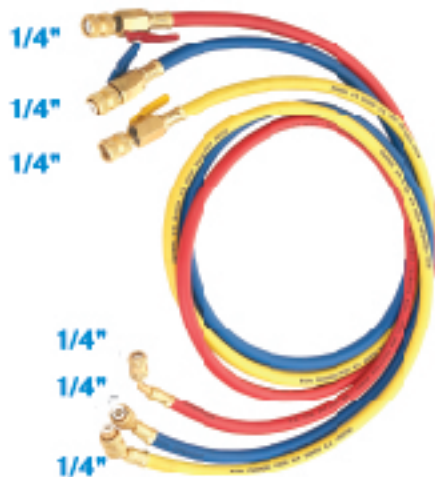


Charging Hoses (With Ball Valve)

- HUB hose connector all with 1/4"SAE (7/16-20unf) fitting.
- Valve at the middle hose.
- Zinc handle.
- Hose length can be customized.

Item No.	Description		Material of seal
AH-336-RYB-BV	R22	36"(92cm)	NBR / PTFE
AH-360-RYB-BV	R22	60"(152cm)	NBR / PTFE
AH-372-RYB-BV	R22	72"(183cm)	NBR / PTFE
AH-396-RYB-BV	R22	96"(244cm)	NBR / PTFE
AHA-336-RYB-BV	R134	36"(92cm)	NBR / PTFE
AHA-360-RYB-BV	R134	60"(152cm)	NBR / PTFE
AHA-372-RYB-BV	R134	72"(183cm)	NBR / PTFE
AHA-396-RYB-BV	R134	96"(244cm)	NBR / PTFE
AHB-336-RYB-BV	R410	36"(92cm)	NBR / PTFE
AHB-360-RYB-BV	R410	60"(152cm)	NBR / PTFE
AHB-372-RYB-BV	R410	72"(183cm)	NBR / PTFE
AHB-396-RYB-BV	R410	96"(244cm)	NBR / PTFE

冷媒膠管



Charging Hoses (With Ball Valve)

- HUB hose connector all with 1/4"SAE (7/16-20unf) fitting.
- Valve at the hose top.
- Zinc handle.
- Hose length can be customized.

Item No.	Description		Material of seal
AH-336-RYB-BVT	R22	36"(92cm)	NBR / PTFE
AH-360-RYB-BVT	R22	60"(152cm)	NBR / PTFE
AH-372-RYB-BVT	R22	72"(183cm)	NBR / PTFE
AH-396-RYB-BVT	R22	96"(244cm)	NBR / PTFE
AHA-336-RYB-BVT	R134	36"(92cm)	NBR / PTFE
AHA-360-RYB-BVT	R134	60"(152cm)	NBR / PTFE
AHA-372-RYB-BVT	R134	72"(183cm)	NBR / PTFE
AHA-396-RYB-BVT	R134	96"(244cm)	NBR / PTFE
AHB-336-RYB-BVT	R410	36"(92cm)	NBR / PTFE
AHB-360-RYB-BVT	R410	60"(152cm)	NBR / PTFE
AHB-372-RYB-BVT	R410	72"(183cm)	NBR / PTFE
AHB-396-RYB-BVT	R410	96"(244cm)	NBR / PTFE



冷媒膠管



Charging Hoses (With Ball Valve)

- HUB hose with ball valve 3pcs charging hose connector all with 1/4"SAE (male) x 1/4"SAE (female)
- Length : 9"
- Zinc handle.
- Hose length can be customized.

Item No.	Description	Material of seal
AH-400	R410 9"(23cm)	PTFE

冷媒膠管



Auto A/C Swivel Adapters

- With three female swivel elbow and two hose (5"length)
- Activities to facilitate the nut assemble.
- R410 hose.

Item No.	Description
AH-135	AH-10+AH-11+AH-12+AH-355+AH-356
AH-10	1/4"SAE (M) x 1/4"SAE (F)
AH-11	1/4"SAE (M) x 3/16"SAE (F)
AH-12	1/4"SAE (M) x 1/8"SAE (F)
AH-355	1/4"SAE (M) x 1/8"SAE (F)
AH-356	1/4"SAE (M) x 3/16"SAE (F)

AH-114 冷媒填充組



Recharge Kit

- With quick couple.
- For R22, R134, R410

Item No.	Description
AH-114	Low coupler (brass) and can tap valve thread is 1/2"ACME



冷媒膠管

AH-5631A



AH-5631B



AH-5631C



AH-5631D



Hoses Seal Gasket

- HUB hose gasket : 3pcs gasket and 1pc brass accessories.

Item No.	Description	Material of seal
AH-5631A	Turning parts	NBR
AH-5631B	Turning parts	PTFE
AH-5631C	Punch parts	NBR
AH-5631D	Punch parts	PTFE

膠管接頭

CB-04 x 08 CB-08 x 04 CB-04 x 14



CB-04 x 05 CB-04 x 04V CB-04 x 04VL CB-04 x 05V CB-04 x 05VL



With auto shut off valve

Conversion Adapter

- This group of adapters can be converted to a thread you need.

Item No.	Description
CB-04 x 08	1/4"SAE (M) x 1/2"ACME (F)
CB-08 x 04	1/2"ACME (M) x 1/4"SAE (F)
CB-04 x 14	1/4"SAE (M) x 14mm (M)
CB-04 x 05	1/4"SAE (M) x 5/16"SAE (F)
CB-04 x 04V	1/4"SAE (M) x 1/4"SAE (F) with auto off valve
CB-04 x 05V	1/4"SAE (M) x 5/16"SAE (F) with auto off valve
CB-04 x 04VL	1/4"SAE (M) x 1/4"SAE (F) with auto off valve
CB-04 x 05VL	1/4"SAE (M) x 5/16"SAE (F) with auto off valve



調整型快速接頭



Auto A/C Swivel Adapters

- Quick coupler with valve.
- For R22, R134, R410
- Adapter on the side.
- Thread is M14, with 1/4"sae conversion adapter CB-04 x 14

Item No.	Description
QC-ML	Low pressure coupler
QC-MH	High pressure coupler

調整型快速接頭



Auto A/C Swivel Adapters

- Quick coupler with valve.
- For R22, R134, R410
- Adapter on the side.
- Thread is 1/4"SAE.

Item No.	Description
QC-ML4	Low pressure coupler
QC-MH4	High pressure coupler

1234YF 調整型快速接頭



QC-1234-L

QC-1234-H

Auto A/C Swivel Adapters

- Thread is M12x1.5
- For R1234yf

Item No.	Description
QC-1234-L	Low pressure coupler
QC-1234-H	High pressure coupler

QC-BMW 加長型調整型快速接頭



Auto A/C Swivel Adapters

- Total length: 85mm ; O.D.: φ26
- The valve core puller is adjustable to fit the different valve core special extra long design for narrow space or deep hole applicable: bmw 2004 later, volvo S series and many new models.

Item No.	Description
QC-BMW	High pressure coupler



快速接头



Quick Coupler

- Quick coupler without valve.
- For R22, R134, R410
- Adapter on the top.

Item No.	Description
QC-12L	Low pressure coupler with 1/4"Flare
QC-12H	High pressure coupler with 1/4"Flare
QC-13L	Low pressure coupler with M10
QC-13H	High pressure coupler with M12
QC-16L	Low pressure coupler with 1/2"Acme
QC-16H	High pressure coupler with 1/2"Acme
QC-17L	Low pressure coupler with 5/16"Flare
QC-17H	High pressure coupler with 5/16"Flare

快速接头



Quick Coupler

- Quick coupler without valve.
- For R22, R134, R410
- Adapter on the side.

Item No.	Description
QC-14L	Low pressure coupler with 1/4"Flare
QC-14H	High pressure coupler with 1/4"Flare
QC-18L	Low pressure coupler with M10
QC-18H	High pressure coupler with M12
QC-19L	Low pressure coupler with 1/2"Acme
QC-19H	High pressure coupler with 1/2"Acme
QC-20L	Low pressure coupler with 5/16"Flare
QC-20H	High pressure coupler with 5/16"Flare

快速接头



Quick Coupler

- Quick coupler without valve.
- For R22, R134, R410
- Adapter on the side.

Item No.	Description
QC-15L	Low pressure coupler with M14
QC-15H	High pressure coupler with M14



高低壓力表

Refrigerant Gauges



Y70

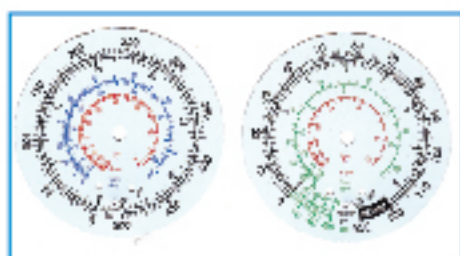


Y80



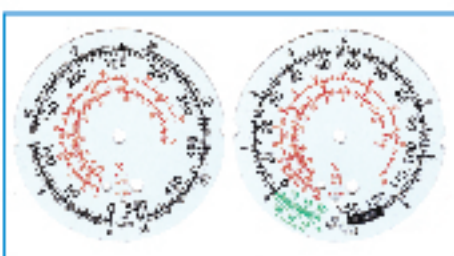
LFRG

For R502/R22/R12



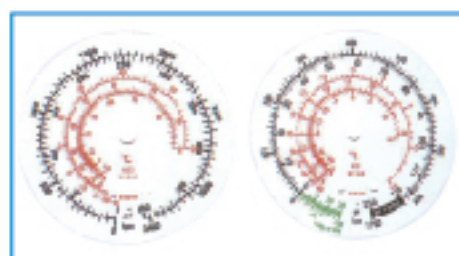
Item No.	O.D. / mm	PSI
RG-500-A	Y70	0-500
RG-250-A	Y70	0-250
RG-500-B	Y80	0-500
RG-250-B	Y80	0-250
LFRG-500	Y60	0-500
LFRG-250	Y60	0-250

For R22/R12/R134a



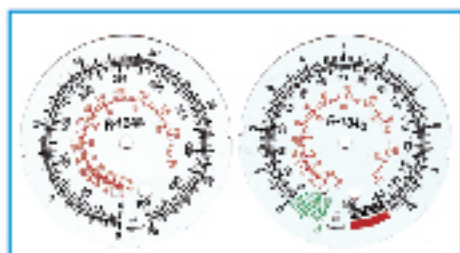
Item No.	O.D. / mm	PSI
RG-500-C	Y70	0-500
RG-250-C	Y70	0-250
RG-500-D	Y80	0-500
RG-250-D	Y80	0-250
LFRG-500-A	Y60	0-500
LFRG-250-A	Y60	0-250

For R22/R134A/R404A



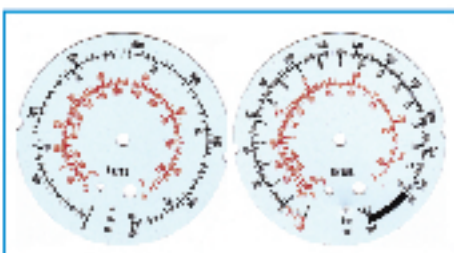
Item No.	O.D. / mm	PSI
RG-500-E	Y70	0-500
RG-250-E	Y70	0-250
RG-500-F	Y80	0-500
RG-250-F	Y80	0-250
LFRG-500-B	Y60	0-500
LFRG-250-B	Y60	0-250

For R134a



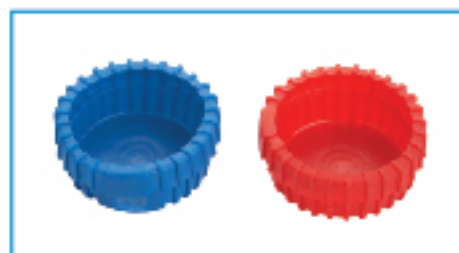
Item No.	O.D. / mm	PSI
RG-134a-500A	Y70	0-500
RG-134a-350A	Y70	0-350
RG-134a-500B	Y80	0-500
RG-134a-350B	Y80	0-350
LFRG-134a-500A	Y60	0-500
LFRG-134a-350A	Y60	0-350

For R410a



Item No.	O.D. / mm	PSI
RG-410a-800A	Y70	0-800
RG-410a-500A	Y70	0-500
RG-410a-800B	Y80	0-800
RG-410a-500B	Y80	0-500
LFRG-410a-800A	Y60	0-800
LFRG-410a-500A	Y60	0-500

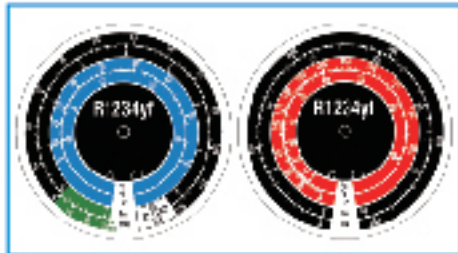
保護套 Gauge protect shell



Item No.	O.D. / mm	Pressure PSI
PS70-B	Y70	Blue
PS70-R	Y70	Red
PS80-B	Y80	Blue
PS80-R	Y80	Red

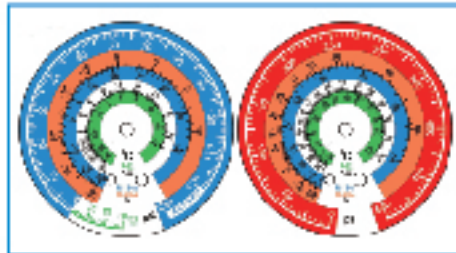


For 1234yf



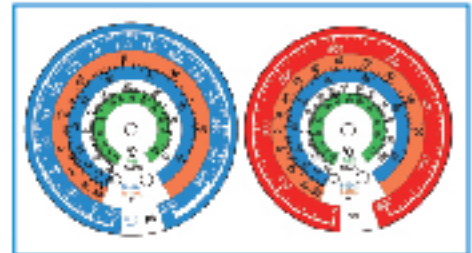
Item No.	O.D. / mm	PSI
RG-1234yf-LA	Y70	120
RG-1234yf-HA	Y70	500
RG-1234yf-LB	Y80	120
RG-1234yf-HB	Y80	500
LFRG-1234yf-LA	Y60	120
LFRG-1234yf-HA	Y60	500

For R22/R12/R134A/R404



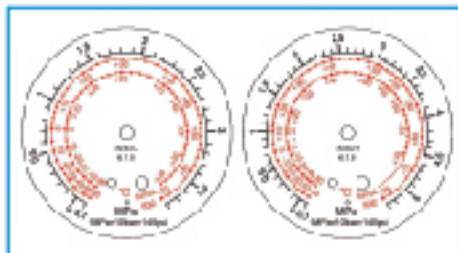
Item No.	O.D. / mm	PSI
RG-404-4-LA	Y70	250
RG-404-4-HA	Y70	500
RG-404-4-LB	Y80	250
RG-404-4-HB	Y80	500
LFRG-404-4-LA	Y60	250
LFRG-404-4-HA	Y60	500

For R22/R407/R134A/R410A



Item No.	O.D. / mm	PSI
RG-410-4-LA	Y70	500
RG-410-4-HA	Y70	800
RG-410-4-LB	Y80	500
RG-410-4-HB	Y80	800
LFRG-410-4-LA	Y60	500
LFRG-410-4-HA	Y60	800

For R410/R32



Item No.	O.D. / mm	PSI
RG-32-LA	Y70	3.50
RG-32-HA	Y70	5.00
RG-32-LB	Y80	3.50
RG-32-HB	Y80	5.00
LFRG-32-LA	Y60	3.50
LFRG-32-HA	Y60	5.00



電子錶



RGD-L
(Low)



RGD-H
(High)

Button&Function

Button	Function
	ON/OFF
	1. Zero/Clear button. 2. Press 2 seconds to switch to vacuum mode and pressure mode.
	1. Pressure unit selection button. 2. Press 2 seconds backlight on.
	1. Pressure unit selection button. 2. Press and fast backward.
	1. Pressure unit selection button. 2. Press and fast forward.

Digital Pressure Gauge

Product performance

1.1 Application range

- Digital composite pressure gauge used in a refrigeration system. The operator must have the industry qualification and has a certain operational experience.
- Connection thread 1/8" NPT or 1/4" SAE. The lock can be used on the valve. (Our company has the matching valve)
- For 9 kinds of refrigerant, does not apply to the ammonia-containing refrigerant. (Refrigerant: For R22, R134a, R1234yf, R209, R404A, R407C, R410A, R32, R507)

Safety Instructions

2.1 Safety guide

- Please do not use this product in the area marked with danger.
- The measured objects or the environment in which the measurement is conducted may be at risk. Please pay attention to the safety regulations in your area before measurement.
- Please wear protective goggles and protective gloves in high pressure, high temperature or low temperature in operation, toxic refrigerant overflow, may cause harm to the human body. Therefore, in the cooling system into the measurement, filling, plus other operations.

2.2 Environmental protection

- Recycling waste batteries.
- The refrigerant may pollute the environment, please pay attention to the local environmental regulations.



單錶閥 (銅)



Single Gauge Valve (Brass)

- Brass single gauge valve.
- High pressure or low pressure are your option.

Item No.	Description
AH-466	1/4"SAE without gauge
AH-466LG	1/4"SAE with low gauge
AH-466HG	1/4"SAE with high gauge
AH-466-36RYB	1/4"SAE with gauge & 36" two hose
AH-466-60RYB	1/4"SAE with gauge & 60" two hose
AH-466-72RYB	1/4"SAE with gauge & 72" two hose

單錶閥 (鋁)



Single Gauge Valve (Aluminum)

- Aluminum single gauge valve.
- High pressure or low pressure are your option.
- If you with access valve please add "V" to the end of item number.

Item No.	Description
AH-467	1/4"SAE without gauge
AH-467LG	1/4"SAE with low gauge
AH-467HG	1/4"SAE with high gauge
AH-467-36RYB	1/4"SAE with gauge & 36" two hose
AH-467-60RYB	1/4"SAE with gauge & 60" two hose
AH-467-72RYB	1/4"SAE with gauge & 72" two hose

視窗型單錶閥



Single Gauge Valve (With Sight Glass)

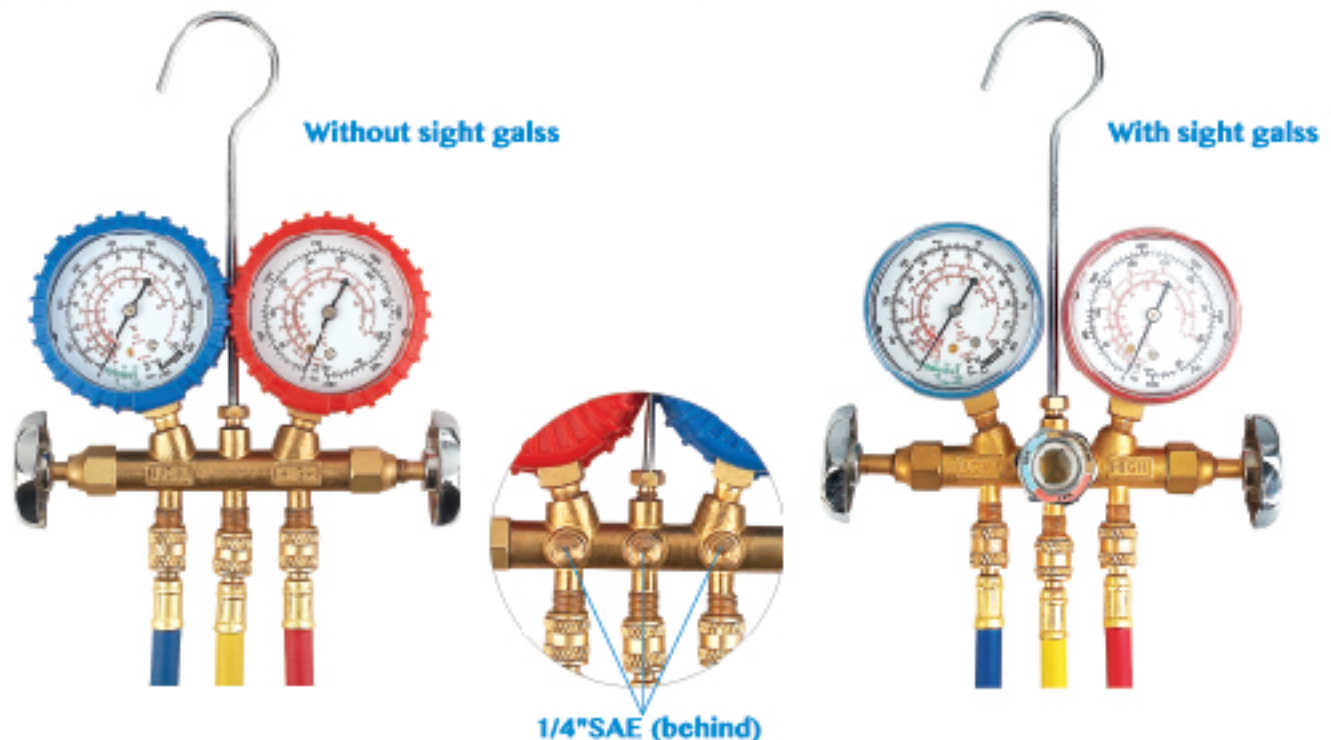
- Aluminum single gauge valve.
- High pressure or low pressure are your option.
- With single glass.

Item No.	Description
AH-468	1/4"SAE without gauge
AH-468LG	1/4"SAE with low gauge
AH-468HG	1/4"SAE with high gauge
AH-468-36RYB	1/4"SAE with gauge & 36" two hose
AH-468-60RYB	1/4"SAE with gauge & 60" two hose
AH-468-72RYB	1/4"SAE with gauge & 72" two hose



雙錶閥

Testing Manifold



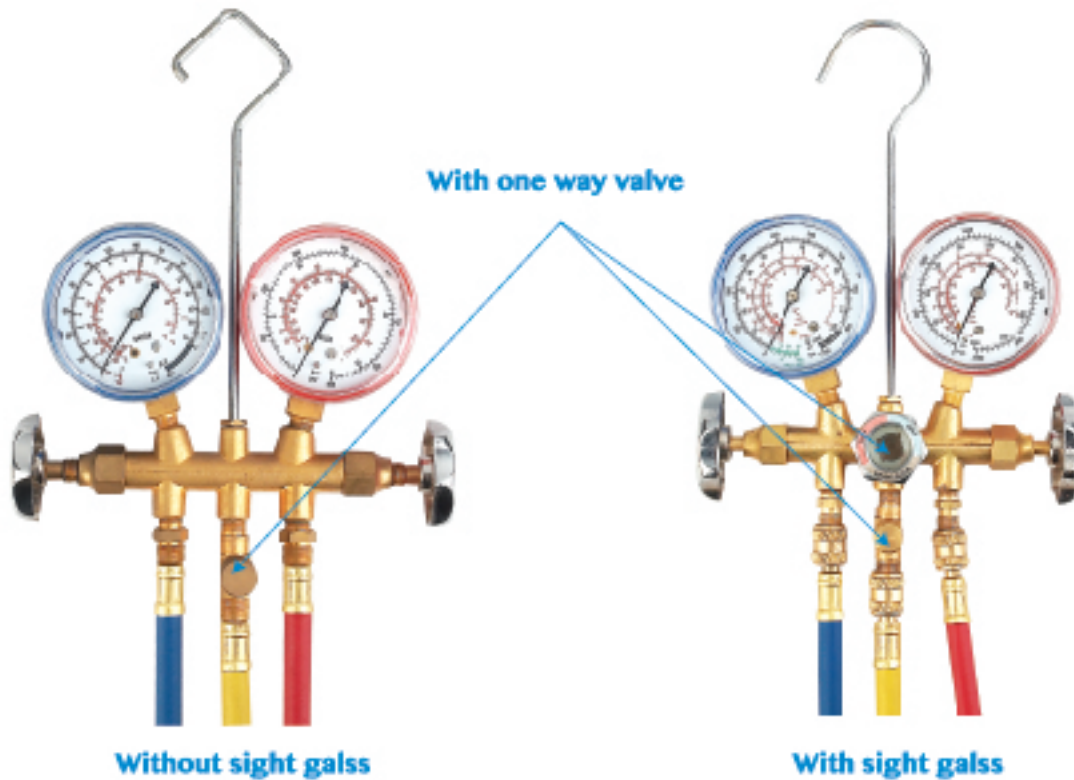
- Forged body is solid brass for durability, full porting maximizes capacity.
- Metal valve handles are full size for easy operation.
- Hoes anchors anre forged into back of body at 90°
- Manifold with 68mm gauges.
- Manifold with charging hose, Manifold thread is 1/4"sae.

Item No.	Length of hose	Discription
AH-536-G	36"	With sight glass, with three charging hose
AH-560-G	60"	(yellow-1/4"SAE, blue-1/4"sae, red-1/4"SAE).
AH-572-G	72"	Work pressure 500PSI, burst pressure 2500PSI.
AH-636-G	36"	Without sight glass, with three charging hose
AH-660-G	60"	(yellow-1/4"SAE, blue-1/4"sae, red-1/4"SAE).
AH-672-G	72"	Work pressure 500PSI, burst pressure 2500PSI.
AH-536M-G	36"	With sight glass, with three charging hose
AH-560M-G	60"	(yellow-1/4"SAE, blue-1/4"sae, red-1/4"SAE).
AH-572M-G	72"	Work pressure 600PSI, burst pressure 3000PSI.
AH-636M-G	36"	Without sight glass, with three charging hose
AH-660M-G	60"	(yellow-1/4"SAE, blue-1/4"sae, red-1/4"SAE).
AH-672M-G	72"	Work pressure 600PSI, burst pressure 3000PSI.
AH-536N-G	36"	With sight glass, with three charging hose
AH-560N-G	60"	(yellow-1/4"SAE, blue-1/4"SAE x 5/16"SAE, red-1/4"SAE x 5/16"SAE).
AH-572N-G	72"	Work pressure 800PSI, burst pressure 4000PSI.
AH-636N-G	36"	Without sight glass, with three charging hose
AH-660N-G	60"	(yellow-1/4"SAE, blue-1/4"SAE x 5/16"SAE, red-1/4"SAE x 5/16"SAE).
AH-672N-G	72"	Work pressure 800PSI, burst pressure 4000PSI.



雙錶閥

Testing Manifold



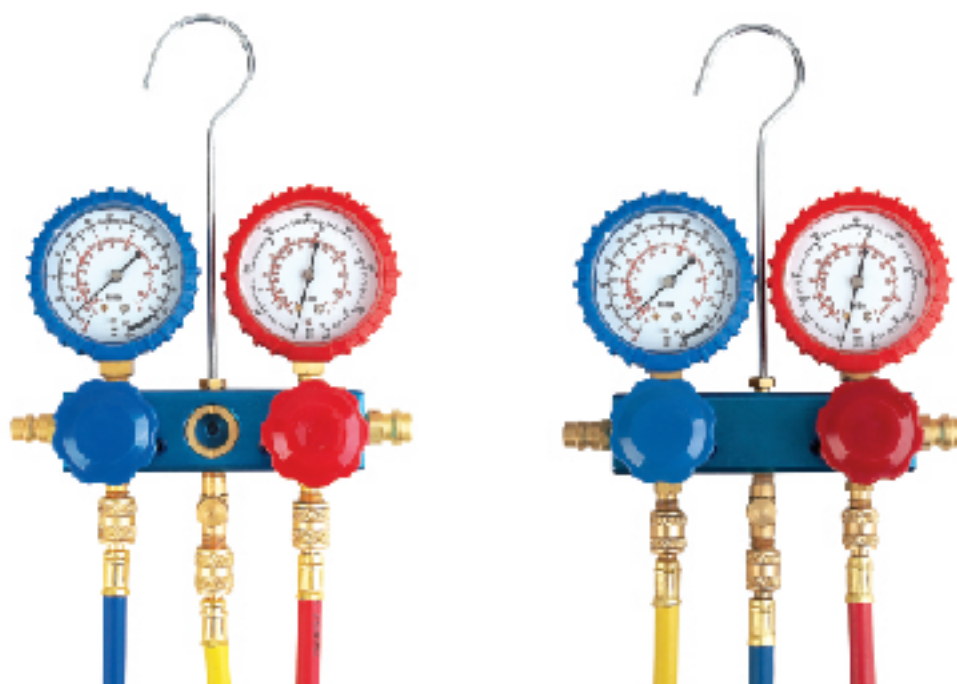
- Forged body is solid brass for durability, full porting maximizes capacity.
- Metal valve handles are full size for easy operation.
- Hoses anchors are forged into back of body at 180°
- Manifold with 68mm gauges.
- Manifold with charging hose, Manifold thread is 5/16"SAE.

Item No.	Length of hose	Description
AH-536NR-G	36"	With sight glass, with three charging hose (yellow-5/16"SAE, blue-5/16"SAE, red-5/16"SAE). Work pressure 800PSI, burst pressure 4000PSI.
AH-560NR-G	60"	
AH-572NR-G	72"	
AH-636NR-G	36"	Without sight glass, with three charging hose (yellow-5/16"SAE, blue-5/16"SAE, red-5/16"SAE). Work pressure 800PSI, burst pressure 4000PSI.
AH-660NR-G	60"	
AH-672NR-G	72"	



雙錶閥

Testing Manifold



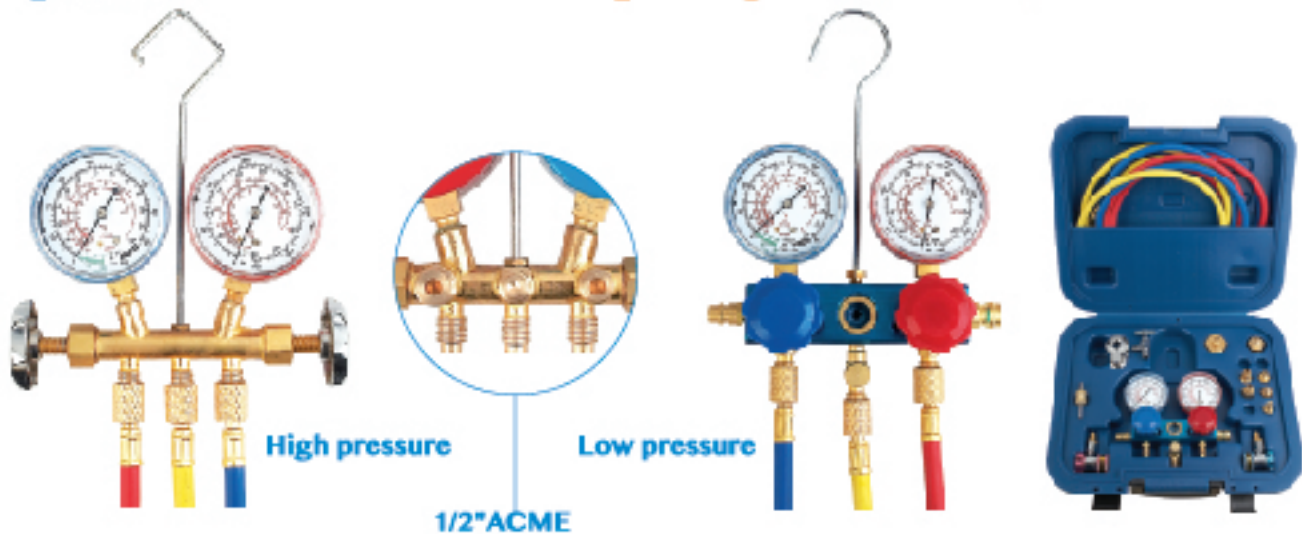
- Aluminum body.
- Manifold with 68mm gauges.
- Manifold with charging hose, manifold thread is 1/4"SAE.

Item No.	Length of hose	Discription
AH-236-G	36"	With sight glass, with three charging hose (yellow-1/4"SAE, blue-1/4"SAE, red-1/4"SAE). Work pressure 500PSI, burst pressure 2500PSI.
AH-260-G	60"	
AH-272-G	72"	
AH-336-G	36"	Without sight glass, with three charging hose (yellow-1/4"SAE, blue-1/4"SAE, red-1/4"SAE). Work pressure 500PSI, burst pressure 2500PSI.
AH-360-G	60"	
AH-372-G	72"	
AH-236N-G	36"	With sight glass, with three charging hose (yellow-1/4"SAE x 1/4"SAE, blue-1/4"SAE x 5/16"SAE, red-1/4"SAE x 5/16"SAE). Work pressure 800PSI, burst pressure 4000PSI.
AH-260N-G	60"	
AH-272N-G	72"	
AH-336N-G	36"	Without sight glass, with three charging hose (yellow-1/4"SAE x 1/4"SAE, blue-1/4"SAE x 5/16"SAE, red-1/4"SAE x 5/16"SAE). Work pressure 800PSI, burst pressure 4000PSI.
AH-360N-G	60"	
AH-372N-G	72"	



雙錶閥

Testing Manifold For R134A



- Forged body (without sight glass) and aluminum body (with sight glass) can be chosen.
- Forged body hose anchors are forged into back of body at 90°
- Manifold with 68mm gauges.
- Manifold with charging hose, Manifold thread is 1/2"ACME.
- Can meet with fast and quick cauplers (see the photos)
- Standard packing boxes, if want to use hand carrying case packing in add p to item no.

Item No.	Length of hose	Discription
AH-736-G	36"	Forged body, with three charging hose (yellow-1/2"ACME x 1/2"ACME with auto shout off vavle, blue-1/2"ACME x M14, red-1/2"ACME x M14). Work pressure 600PSI, burst pressure 3000PSI.
AH-760-G	60"	
AH-772-G	72"	
AH-136-G	36"	Aluminum body, with three charging hose (yellow-1/2"ACME x 1/2"ACME with auto shout off vavle, blue-1/2"ACME x M14, red-1/2"ACME x M14). Work pressure 600PSI, burst pressure 3000PSI.
AH-160-G	60"	
AH-172-G	72"	

AH-201W-G 鋁合金把手雙表閥

Testing Manifold

- Heavy duty aluminum manifold body is highly durable and lightweight
- Connecting 1/4" SAE.
- With sight glasses
- 68mm gauge with color-coded scales.



Item No.	Length of hose	Discription
AH-236W-G	36"	yellow-1/4"SAE, blue-1/4"SAE, red-1/4"SAE Work pressure 800PSI, burst pressure 4000PSI.
AH-260W-G	60"	
AH-272W-G	72"	



雙錶閥

Testing Manifold

- Strong forged aluminum body and handles
- Sight glass to verify refrigerant flow.
- Hose connector with three colors help identify the connect with main body.

Hose Long: □36" □60" □72"



Item No.	Length of hose	Discription
AH-201V4-G	4-way	Thread 1/4"SAE x 3pcs, 3/8"SAE x 1PC

- Strong forged aluminum body and handles
- Sight glass to verify refrigerant flow.
- Hose connector with three colors help identify the connect with main body.

Hose Long: □36" □60" □72"



Item No.	Length of hose	Discription
AH-201V4D-G	4-way	Thread 1/4"SAE x 4pcs

- Strong forged aluminum body and handles
- Sight glass to verify refrigerant flow.
- Hose connector with three colors help identify the connect with main body.

Hose Long: □36" □60" □72"



Item No.	Length of hose	Discription
AH-201YF-G	2-way	Thread M12 x 1.25 or 1/4"SAE



可攜式冷煤回收機

Refrigerant Recovery & Recycling Unit

Large gauges

Indicate pressure and vacuum so you know when recovery is completed.

Control valve

Self purge feature can be used to purge the moisture, contaminants and excess refrigerant from the system after each use.

Pressure switch

If the pressure goes above 38 bar, the system will shut itself off for safety.

Oil-less compressor

Capable of recovering all commonly used CFC, HCFC, HFC, and compatible with all refrigerant oil.

Handle

Ergonomic and portable design makes it easy to carry and use.



Oil separator

Separate oil from A/C system.

Condensor and fan

Heavy duty industrial grade condenser and cooling fan for maximum performance in even harshest conditions.

Molded case

Rugged, molded case for maximum protection from damage during transit and normal handling.



Features :

- Recover all commonly used refrigerants (CFC, HCFC, HFC), including R410A.
- 1/2HP & 1HP, oil-less compressor recovers both vapor and liquid refrigerant quick.
- Heavy duty industrial grade condenser and cooling fan.
- Oil separator device for recycling refrigerant.
- High pressure safety shut-off switch.
- Filter / drier removes both moisture and acid from the refrigerant.
- Ergonomic and compact design makes it easy to carry and use.
- Design for residential, commercial and automotive A/C system.
- Optional 80% capacity shut off kit to prevent from overfilling the storage tank.
- Suitable for all the main voltage standard in the world.



可攜式冷煤回收機

Refrigerant Recovery & Recycling Unit



**RECO250 /
RECO250D**



**RECO520 /
RECO520D**

Item No.	RECO250 / RECO250D		
Refrigerants	Cat. III : R12, R134a, R-401C, R-406A, R-500		
	Cat. IV : R-22, R-410A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509		
	Cat. V : R-402A, R-404A, R-407A, R-407B, R-410A, R-507		
Power	110-127V / 60Hz	220-240V 50 / 60Hz	110-220V 50 / 60Hz
Motor	1/2HP AC, capacitor start	1/2HP AC, capacitor start	1/2HP AC, capacitor start
Max. current	A4@50Hz 8A@60Hz	A4@50Hz 8A@60Hz	A4@50Hz 8A@60Hz
Compressor	Oil-less, air cooled, piston style	Oil-less, air cooled, piston style	Oil-less, air cooled, piston style
Refrigerant recovery rate	Cat. III	Cat. IV	Cat. V
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	38bar / 550psi	38bar / 550psi	38bar / 550psi
Low pressure shut-off	Optional	Optional	Optional
80%OFR. shut-off kit	Optional	Optional	Optional
Operating temp	0°C-40°C	0°C-40°C	0°C-40°C
Dimensions / mm	485Lx220Wx365H	485Lx220Wx365H	485Lx220Wx365H
Net weight / kgs	12	12	12

Item No.	RECO520 / RECO520D		
Refrigerants	Cat. III : R12, R134a, R-401C, R-406A, R-500		
	Cat. IV : R-22, R-410A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509		
	Cat. V : R-402A, R-404A, R-407A, R-407B, R-410A, R-507		
Power	110-127V / 60Hz	220-240V 50 / 60Hz	110-220V 50 / 60Hz
Motor	1HP AC, capacitor start	1HP AC, capacitor start	1HP AC, capacitor start
Max. current	6A@50Hz 12A@60Hz	6A@50Hz 12A@60Hz	6A@50Hz 12A@60Hz
Compressor	Twin-piston style	Twin-piston style	Twin-piston style
Refrigerant recovery rate	Cat. III	Cat. IV	Cat. V
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	38bar / 550psi	38bar / 550psi	38bar / 550psi
Low pressure shut-off	Optional	Optional	Optional
80%OFR. shut-off kit	Optional	Optional	Optional
Operating temp	0°C-40°C	0°C-40°C	0°C-40°C
Dimensions / mm	485Lx220Wx365H	485Lx220Wx365H	485Lx220Wx365H
Net weight / kgs	13	13	13



便攜式冷媒回收機

Refrigerant Recovery & Recycling Unit

RECO250S /
RECO250SDRECO520S /
RECO520SD

Item No.	RECO250S / RECO250SD		
Refrigerants	Cat. III R12, R134a, R-401C, R-406A, R-500	Cat. IV R-22, R-410A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509	Cat. V R-402A, R-404A, R-407A, R-407B, R-410A, R-507
Power	110-127V / 60Hz	220-240V 50 / 60Hz	110-220V 50 / 60Hz
Motor	1/2HP AC, capacitor start	1/2HP AC, capacitor start	1/2HP AC, capacitor start
Max. current	4A@50Hz 8A@60Hz	4A@50Hz 8A@60Hz	4A@50Hz 8A@60Hz
Compressor	Oil-less, air cooled, piston style	Oil-less, air cooled, piston style	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
Recycling rate / kg / min	1.57	1.81	1.85
High pressure shut-off	38bar / 550psi	38bar / 550psi	38bar / 550psi
Low pressure shut-off	Optional	Optional	Optional
80%OFR. shut-off kit	Optional	Optional	Optional
Operating temp	0°C-40°C	0°C-40°C	0°C-40°C
Dimensions / mm	485Lx220Wx365H	485Lx220Wx365H	485Lx220Wx365H
Net weight / kgs	12	12	12

Item No.	RECO520S / RECO520SD		
Refrigerants	Cat. III R12, R134a, R-401C, R-406A, R-500	Cat. IV R-22, R-410A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509	Cat. V R-402A, R-404A, R-407A, R-407B, R-410A, R-507
Power	110-127V / 60Hz	220-240V 50 / 60Hz	110-220V 50 / 60Hz
Motor	1HP AC, capacitor start	1HP AC, capacitor start	1HP AC, capacitor start
Max. current	6A@50Hz 12A@60Hz	6A@50Hz 12A@60Hz	6A@50Hz 12A@60Hz
Compressor	Twin-piston style	Twin-piston style	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
Recycling rate / kg / min	3.14	3.62	3.70
High pressure shut-off	38bar / 550psi	38bar / 550psi	38bar / 550psi
Low pressure shut-off	Optional	Optional	Optional
80%OFR. shut-off kit	Optional	Optional	Optional
Operating temp	0°C-40°C	0°C-40°C	0°C-40°C
Dimensions / mm	485Lx220Wx365H	485Lx220Wx365H	485Lx220Wx365H
Net weight / kgs	13	13	13



Vacuum Pump

真空泵

Vacuum Pump

Die-cast aluminum housing

Die-cast aluminum housing makes the pump lightweight but durable.

Oil sight glass

The sight glass on the front of the pump shows when enough oil has been added.

Oil drain valve

Positioned at the bottom of the oil reservoir for faster and more complete draining.

Handle

Ergonomic and portable design for easier handling.

Heavy duty motor

High torque design for easy start up and efficient operation, even in harshest conditions.

Overload protector

High performance overload protector makes it safety to operate.

Molded base

Durable molded base improves pump balance and minimizes vibration operation.



Features :

- Designed specially for HVAC/R service.
- Ultimate deep vacuum : single stage is 2Pa, while dual stage is 2×10^{-4} Pa.
- Compact design with aluminum housing and easy to carry.
- Thermal protector in the motor to guarantee the pump to run steadily.
- Both 1/4" and 3/8" SAE flare inlet connections allow for flexibility of connections.
- Vacuum pump oil included.
- Suitable for all the main voltage design in the market.
- Individual design for special customers.

Power supply plugs



Item No.	Description
P1	American
P2	Europe
P3	UK
P4	Australia
P5	Argentina
P6	Brazil
P7	India
P8	Isreal
P9	Italy
P10	Japan



真空泵

Single Stage Vacuum Pumps

Item No.	VP115		VP130		VP160		VP190		VP1200	
Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Flow Rate	1.5CFM 42L / min	1.8CFM 50L / min	2.5CFM 71L / min	3.0CFM 85L / min	5.0CFM 142L / min	6.0CFM 170L / min	8.0CFM 227L / min	9.0CFM 255L / min	10CFM 283L / min	12CFM 340L / min
Ultimate vacuum (partial pressure)	2Pa		2Pa		2Pa		2Pa		2Pa	
Total pressure	150 microns		150 microns		150 microns		150 microns		150 microns	
Stage	1		1		1		1		1	
Power	1/4HP		1/4HP		1/2HP		3/4HP		1HP	
Inlet port	1/4"Sae		1/4"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae	
Oil capacity	200ml		230ml		320ml		800ml		890ml	
Dimensions / mm	240x93x200		240x93x200		320x125x232		340x132x245		390x140x252	
Weight / kg	4.0		4.3		8		12		14.5	

真空泵

Two Stage Vacuum Pumps

Item No.	VP215		VP230		VP260		VP290		VP2200	
Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Flow Rate	1.5CFM 42L / min	1.8CFM 50L / min	2.5CFM 71L / min	3.0CFM 85L / min	5.0CFM 142L / min	6.0CFM 170L / min	8.0CFM 227L / min	9.0CFM 255L / min	10CFM 283L / min	12CFM 340L / min
Ultimate vacuum (partial pressure)	2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa	
Total pressure	15 microns		15 microns		15 microns		15 microns		15 microns	
Stage	2		2		2		2		2	
Power	1/4HP		1/3HP		1/2HP		1HP		1HP	
Inlet port	1/4"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae	
Oil capacity	230ml		300ml		330ml		600ml		600ml	
Dimensions / mm	240x93x200		280x115x230		320x125x230		370x145x252		390x145x252	
Weight / kg	4.3		7.8		9		15.5		16	

真空泵

Dual Voltage Vacuum Pumps

Item No.	VP215D		VP230D		VP260D		VP290D		VP2200D	
Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Flow Rate	1.5CFM 42L / min	1.8CFM 50L / min	2.5CFM 71L / min	3.0CFM 85L / min	5.0CFM 142L / min	6.0CFM 170L / min	8.0CFM 227L / min	9.0CFM 255L / min	10CFM 283L / min	12CFM 340L / min
Ultimate vacuum (partial pressure)	2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa		2 x 10 ⁻¹ Pa	
Total pressure	15 microns		15 microns		15 microns		15 microns		15 microns	
Stage	2		2		2		2		2	
Power	1/4HP		1/3HP		1/2HP		1HP		1HP	
Inlet port	1/4"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae		1/4" & 3/8"Sae	
Oil capacity	150ml		300ml		330ml		600ml		600ml	
Dimensions / mm	240x93x200		280x115x230		320x125x230		370x145x252		390x145x252	
Weight / kg	4.3		7.8		9		15.5		16	

長型喇叭口



Long Nut

Item No.	Tube O.D. in
SN1-03	3/16"
SN1-04	1/4"
SN1-05	5/16"
SN1-06	3/8"
SN1-08	1/2"
SN1-10	5/8"
SN1-12	3/4"
SN1-14	7/8"

短型喇叭口



Shout Nut

Item No.	Tube O.D. in
SN2-03	3/16"
SN2-04	1/4"
SN2-05	5/16"
SN2-06	3/8"
SN2-08	1/2"
SN2-10	5/8"
SN2-12	3/4"
SN2-14	7/8"

喇叭型止頭蓋



Cap Nut

Item No.	Tube O.D. in
CN3-03	3/16"
CN3-04	1/4"
CN3-05	5/16"
CN3-06	3/8"
CN3-08	1/2"
CN3-10	5/8"
CN3-12	3/4"
CN3-14	7/8"

鍛造喇叭口



Forged Brass Nut

Item No.	Tube O.D. in	Item No.	Tube O.D. in
N-04	1/4" (H16)	NS-04	1/4" (H17)
N-06	3/8" (H21)	NS-06	3/8" (H21)
N-08	1/2" (H24)	NS-08	1/2" (H25)
N-10	5/8" (H27)	NS-10	5/8" (H29)
N-12	3/4" (H32)	NS-12	3/4" (H36)
N-14	7/8" (H38)	NS-14	7/8" (H41)

異接管喇叭口



Reducing Nut

Item No.	Tube O.D. in	Female pipe thd in.
RN-03x04	3/16"	1/4"
RN-04x06	1/4"	3/8"
RN-06x08	3/8"	1/2"
RN-08x10	1/2"	5/8"
RN-10x12	5/8"	3/4"
RN-12x14	3/4"	7/8"

活動雙喇叭口



Swivel Double Nut Kit

Item No.	Tube O.D. in
DN-04	1/4"
DN-06	3/8"
DN-08	1/2"
DN-10	5/8"
DN-12	3/4"
DN-14	7/8"

雙接頭



Union

Item No.	Male flare sae
U-03	3/16"
U-04	1/4"
U-05	5/16"
U-06	3/8"
U-08	1/2"
U-10	5/8"
U-12	3/4"
U-14	7/8"

喇叭型大小接頭



Reducing Union

Item No.	Male flare sae	Male flare sae
RU-04x05	1/4"	5/16"
RU-04x06	1/4"	3/8"
RU-04x08	1/4"	1/2"
RU-06x05	3/8"	5/16"
RU-06x08	3/8"	1/2"
RU-06x10	3/8"	5/8"
RU-08x10	1/2"	5/8"
RU-08x12	1/2"	3/4"
RU-10x12	5/8"	3/4"

■ 焊管接頭



■ Flare To Solder Union

Item No.	Male flare sae	Connection I.D. in.
FSU-04x04	1/4"	1/4"
FSU-04x06	1/4"	3/8"
FSU-06x06	3/8"	3/8"
FSU-06x08	3/8"	1/2"
FSU-08x08	1/2"	1/2"
FSU-08x10	1/2"	5/8"
FSU-10x10	5/8"	5/8"
FSU-10x12	5/8"	3/4"
FSU-12x12	3/4"	3/4"

■ 公管牙接頭



■ Male Connector

Item No.	Male flare sae	Male pipe thd in.
MC-04x02	1/4"	1/8"
MC-04x04	1/4"	1/4"
MC-04x06	1/4"	3/8"
MC-06x04	3/8"	1/4"
MC-06x06	3/8"	3/8"
MC-06x08	3/8"	1/2"
MC-08x04	1/2"	1/4"
MC-08x06	1/2"	3/8"
MC-08x08	1/2"	1/2"
MC-08x12	1/2"	3/4"
MC-10x12	5/8"	3/4"
MC-12x08	3/4"	1/2"
MC-12x12	3/4"	3/4"
MC-12x16	3/4"	1"

■ 母管牙接頭



■ Female Connector

Item No.	Male flare sae	Female pipe thd in.
FC-04x02	1/4"	1/8"
FC-04x04	1/4"	1/4"
FC-04x06	1/4"	3/8"
FC-04x08	1/4"	1/2"
FC-06x02	3/8"	1/8"
FC-06x04	3/8"	1/4"
FC-06x06	3/8"	3/8"
FC-06x08	3/8"	1/2"
FC-08x04	1/2"	1/4"
FC-08x06	1/2"	3/8"

冷煤瓶接頭



Cylinder Adapter

Item No.	Male flare	Female pipe thd in.
CA-04x08	1/4"SAE	1/2"PS
CA-03x12	10mm	3/4"PS
CA-04x10	1/4"SAE	5/8"PS
CA-04x12	1/4"SAE	3/4"PS
CA-05x12	5/16"SAE	3/4"PS
CA-06x12	1/2"ACME	3/4"PS

喇叭型公母接頭



Reducers

Item No.	Male flare SAE	Female pipe thd in.
R-04x05	1/4"	5/16"
R-04x06	1/4"	3/8"
R-04x08	1/4"	1/2"
R-05x04	5/16"	1/4"
R-06x04	3/8"	1/4"
R-06x08	3/8"	1/2"
R-06x10	3/8"	5/8"
R-08x04	1/2"	1/4"
R-08x06	1/2"	3/8"
R-08x10	1/2"	5/8"
R-08x12	1/2"	3/4"
R-10x06	5/8"	3/8"
R-10x08	5/8"	1/2"
R-10x12	5/8"	3/4"
R-12x08	3/4"	1/2"
R-12x10	3/4"	5/8"

T型三通接頭



Union Tee (With MPT)

Item No.	Description
AH-662-04x04x02	1/4"SAE x 1/4"SAE x 1/8"NPT (M)
AH-662-04x04x04	1/4"SAE x 1/4"SAE x 1/4"NPT (M)
AH-672-04x02x04	1/4"SAE x 1/8"NPT (M) x 1/4"SAE
AH-672-04x04x04	1/4"SAE x 1/4"NPT (M) x 1/4"SAE
AH-682-04x02x04	1/4"SAE x 1/8"NPT (F) x 1/4"SAE
AH-682-04x04x04	1/4"SAE x 1/4"NPT (F) x 1/4"SAE
AH-692-08x08x02	1/2"ACME x 1/2"ACME x 1/8"NPT (M)
AH-692-08x08x04	1/2"ACME x 1/2"ACME x 1/4"NPT (M)
AH-693-05x05x02	5/16"SAE x 5/16"SAE x 1/8"NPT (M)
AH-693-05x05x04	5/16"SAE x 5/16"SAE x 1/8"NPT (M)

T型三通接頭



Unlon Tee

Item No.	Male flare SAE
UT-03	3/16"
UT-04	1/4"
UT-05	5/16"
UT-06	3/8"
UT-08	1/2"
UT-10	5/8"
UT-12	3/4"

L型管牙接頭



Elbow (Flare To MPT)

Item No.	Male flare SAE	Male pipe thd in.
EN-04x02	1/4"	1/8"
EN-04x04	1/4"	1/4"
EN-04x06	1/4"	3/8"
EN-06x04	3/8"	1/4"
EN-06x06	3/8"	3/8"
EN-06x08	3/8"	1/2"
EN-08x04	1/2"	1/4"
EN-08x06	1/2"	3/8"
EN-08x08	1/2"	1/2"
EN-08x12	1/2"	3/4"
EN-10x08	5/8"	1/2"
EN-10x12	5/8"	3/4"
EN-12x08	3/4"	1/2"
EN-12x12	3/4"	3/4"

L型接頭



Elbow (Double Flare)

Item No.	Male flare SAE
UL-04	1/4"
UL-05	5/16"
UL-06	3/8"
UL-08	1/2"
UL-10	5/8"
UL-12	3/4"

L型活動螺母接頭



Female Swivel Elbow

Item No.	Male flare SAE	Male pipe thd. in.
AH-679-06x06	3/8"	3/8"
AH-679-08x08	1/2"	1/2"
AH-679-10x10	5/8"	5/8"

喇叭型塞頭



Flare Plug

Item No.	Male flare
P-03	3/16"
P-04	1/4"
P-05	5/16"
P-06	3/8"
P-08	1/2"
P-10	5/8"
P-12	3/4"

管牙塞頭



MPT Plug

Item No.	Male pipe thd in.
SPT-02	1/8"
SPT-04	1/4"
SPT-06	3/8"
SPT-08	1/2"
SPT-12	3/4"
SPT-16	1"

毛細管



AH-900M CAP. Tube (With Nuts)

1. The product is designed specially of pressure indicating instruments for refrigeration industry.
2. This capillary tube is 1/8" and two flared tube are 1/4" with two 1/4" with 1/4" with two 1/4" brass nuts, length is 90cm total.
3. Hose length can be customized.
4. Can with thimble and protection plastic hose (see the photo).

AH-900MP (With Thimble) AH-900M

喇叭管接頭



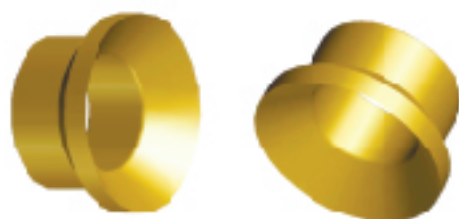
AH-110 Double-Flared Copper Tube Fitting

Item No.	Description
AH-110	3pcs without thimble
AH-111	3pcs with thimble

AH-111

AH-110

喇叭口垫片



Gaskets

Item No.	Tube O.D. in.	Female pipe thd in.
RNA-03x04	3/16"	1/4"
RNA-04x06	1/4"	3/8"
RNA-06x08	3/8"	1/2"
RNA-08x10	1/2"	5/8"
RNA-10x12	5/8"	3/4"
RNA-12x14	3/4"	7/8"

可溶栓



Fusible Plug

Item No.	Male pipe thd in.	Description
FP-02-100	1/8"	For 100°C
FP-04-100	1/4"	For 100°C
FP-06-100	3/8"	For 100°C
FP-02-76	1/8"	For 76°C
FP-04-76	1/4"	For 76°C
FP-06-76	3/8"	For 76°C

喇叭口密封垫

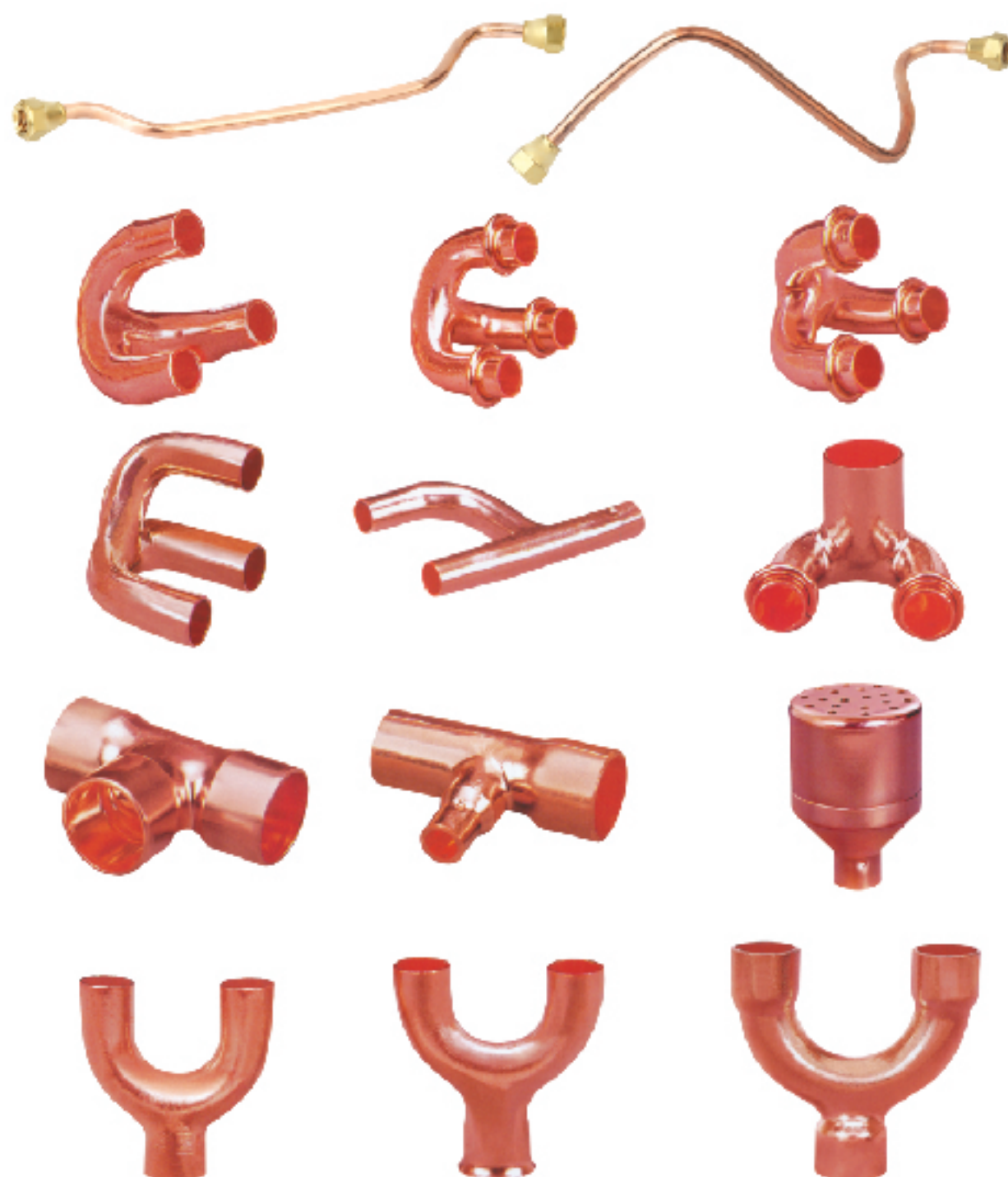


Flare Plug

Item No.	Female pipe thd in.
AH-602-P	1/4"
AH-603-P	3/8"
AH-604-P	1/2"
AH-605-P	5/8"
AH-606-P	3/4"
AH-607-P	7/8"

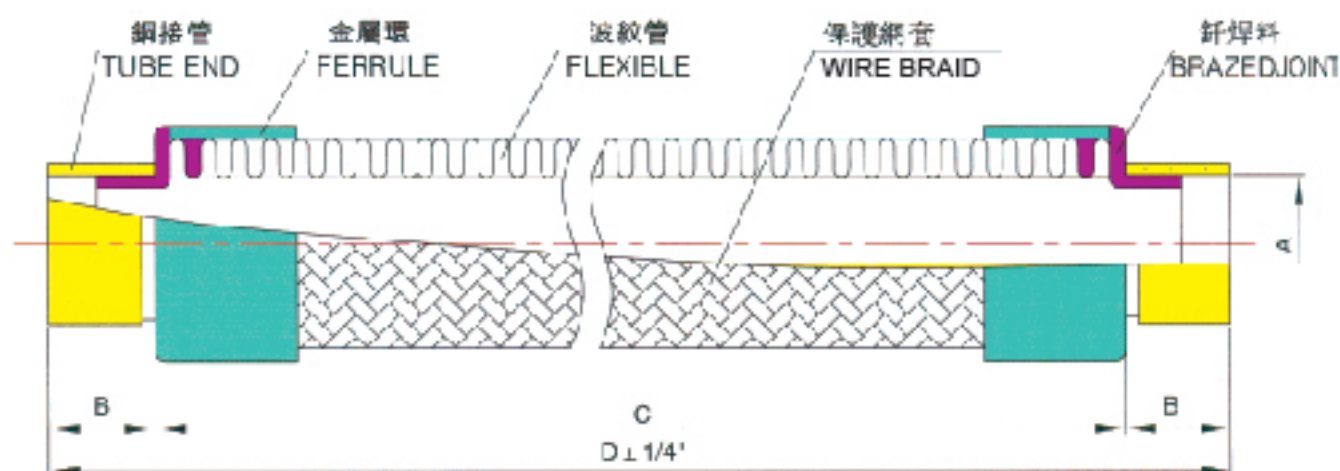
定制各種紫銅三通、L型、Y型、異徑直接等紫銅配件，
規格齊全，可根據客戶要求彎各種異形管件。

Variety of copper tee, L-type, Y-type Reducing tube accessories,
Could customize curved shaped tube



防震軟管

Shockproof Hose



Item No.	Normal size			Dimensions (inch)						Working pressure	Burst pressure
	inch	(Φ)mm		A	B	C	D		E		
AHSF-1A	1/4"	6.35	6	1/4"	1/2"	6-1/2"	7-7/8"	200mm	1/2"	500	2500
AHSF-1	3/8"	9.53	10	3/8"	3/4"	7"	8-1/2"	217mm	1/2"	500	2500
AHSF-2	1/2"	12.7	12	1/2"	7/8"	7-1/4"	9"	228mm	1/2"	500	2500
AHSF-3	5/8"	15.88	16	5/8"	15/16"	8"	9-7/8"	250mm	7/8"	500	2500
AHSF-4	3/4"	19.05	19	3/4"	1/4"	8-1/16"	10-1/2"	268mm	7/8"	500	2500
AHSF-5	7/8"	22.23	22	7/8"	1-3/8"	9-1/4"	12"	305mm	7/8"	500	2500
AHSF-6A	1"	25.4	25	1"	1-3/4"	9-7/16"	13"	332mm	7/8"	500	2500
AHSF-6	1-1/8"	28.58	28	1-1/8"	1-3/4"	9-7/16"	13"	332mm	7/8"	500	2500
AHSF-7	1-3/8"	34.93	35	1-3/8"	2-1/16"	11-7/16"	15-1/2"	395mm	7/8"	500	2500
AHSF-8	1-5/8"	41.28	42	1-5/8"	2-1/4"	12-3/8"	16-15/16"	429mm	1"	500	2500
AHSF-9	2-1/8"	53.98	54	2-1/8"	2-11/16"	15-3/16"	20-1/2"	524mm	1-3/8"	390	1950
AHSF-10	2-5/8"	66.68	67	2-5/8"	3-1/16"	18"	24-1/8"	617mm	2"	340	1700
AHSF-11	3-1/8"	79.38	80	3-1/8"	3-7/16"	20"	26-15/16"	684mm	2"	300	1500
AHSF-12	3-5/8"	92.08	92	3-5/8"	4-1/16"	24"	32-1/8"	818mm	2"	175	525
AHSF-13	4-1/8"	104.98	105	4-1/8"	4-1/2"	24"	33"	836mm	2"	175	525

油分離器

Oil Separator



Effecton

Refrigeration compressor is using preparation oil of the crankcase or engine body's circling to lubricate. When the compressor works, the refrigerant and the oil is hot, the compressed refrigerant is vapor into a mixture, and leaves the compressor. The low-volume oil by the circling won't take any influence on the performance of the system. But, too many circling oil will disturb the flow controller, evaporator, condenser and the drierfilter's operation.

In some low-temperature device, the refrigerant oil will turn dense, and it is difficult to flow out from the evaporator. If the refrigerant oil accumulated in the evaporator, it will take influence on the benefit of the evaporator, and cause the troubles of the compressor.

It will install an oil separator between the compressor and condenser to will protect the refrigerant system. Using the oil separator will keep a right oil level inside the compressor, reduce the oil's liquid collision, and add the benefit of the evaporator. All the benefit will reduce the electrical cost of system.

Function

The mixture of the refrigerant and oil, which comes from the compressor, will enter the oil separator's inlet. The mixture will through a drier filter, baffle and block device, and the pinpoint of the oil will gathered, and fall down to the bottom of separator. The refrigerant gas will pass through the drier filter's outle, and separate the remained oil pinpoints, then it will enter into the condenser in oil less status. The refrigerant oil will be gathered at the bottom of the oil separator, to a certain degree, a needle valve which operated by a floating ball, will opened automatically, let the oil return to the compressor. Because of the pressure in the oil separator is higher than the crankcase, so the oil will return to the compressor very quickly. When the oil level falls down, the needle valve will be closed to prevent the refrigerant gas return to the compressor.

Technical datas :

- Refrigerant : CFC, HCFC, HFC
- Max working pressure : 3.5Mpa
- Medium temperature : -40 to +120°C

Item No.	Connection ODF (in)	Spec.		The evaporation temperature of the cooling capacity, tons.							
				R12		R22/R407C		R502		R134a	
		A(in)	B(in)	-40°F	+40°F	-40°F	+5°C	-40°C	+5°C	-40°C	+5°C
AH-55824	1/2"	4.00	9.44	1	1-1/2	5.31	5.31	7.08	7.08	3.54	6.2
AH-55855	5/8"	4.00	11.88	3	4	15.9	19.5	16.8	20.36	11.5	15.9
AH-55876	3/4"	4.00	13.46	4-1/2	5-1/2	24.8	28.3	26.6	30.09	16.8	23.0
AH-55877	7/8"	4.00	13.46	4-1/2	5-1/2	24.8	28.3	26.6	30.09	16.8	23.0
AH-55888	1"	4.00	14.25	6	7-1/2	31.9	37.2	33.6	40.71	23.0	30.1
AH-55889	1-1/8"	4.00	14.25	6	7-1/2	31.9	37.2	33.6	40.71	23.0	30.1
AH-559011	1-3/8"	4.00	17.40	7-1/2	10	40.7	47.8	42.5	51.33	28.3	40.7
AH-569011	1-3/8"	6.00	16.93	9	12	49.6	62.0	56.6	33.6	61.95	46.9
AH-559213	1-5/8"	6.00	16.93	11	14	56.6	63.7	70.8	84.96	41.6	56.6
AH-569417	2-1/8"	6.00	19.30	17	22	88.5	106.0	106.0	123.90	63.7	69.4

低壓儲液器



Refrigerant Accumulators

Specifications

In refrigeration circulatory system, it must be gasified before the refrigerant return to the compressor.

In refrigeration circulatory system, it must be gasified before the refrigerant return to the compressor. So before the refrigerant enters into the compressor, the gas and liquid must be separated, let the gas refrigerant enter into the compressor, and the compressor won't be caused liquid beat. The liquid refrigerant will be evaporated slowly in the engine body, after evaporated it can be enter into the compressor. Between the evaporator and the suction gas tube of the compressor, installed a suction line accumulator, then the gas and liquid can separated completely, make sure that the compressor wone be liquid beat.

Features

U Shape Pipe designed keeps Max refrigerant flow capacity and the least oil blocking.

Entrance of type U siphon is in the back of inlet oriented pipe preventing liquid entering into compressor and destroying it.

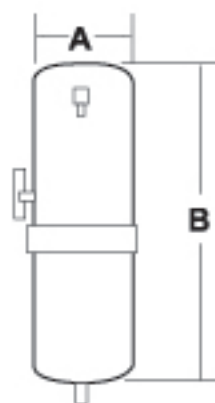
Throttle hole is matching well with system capability to ensure the best about the liquid refrigerant that flow into compressor. Surface corrosion resistant static electrical painting procedure protecting the shell from the rust.

Technical datas :

- Refrigerant : CFC HCFC HFC.
- Maximum working pressure : 3.5Mpa
- Medium temperature : -50~+120℃

Item No.	Connector ODF (in)	A (in)	B (in)	C (in)	Fluid cooling capacity (kw)		
					R12	R22	R502
RA-204	1/2"	4.0	8.38	2.0	3.5	3.3	3.4
RA-205	5/8"	4.0	9.92	2.0	4.4	4.0	4.2
RA-206	3/4"	5.5	10.39	2.75	6.1	6.8	6.2
RA-207	7/8"	5.5	12.75	2.75	9.8	9.0	9.3
RA-208	1-1/8"	6.5	15.74	3.15	14.2	13.3	13.7
RA-209	1-3/8"	6.5	19.44	3.15	21.8	20.5	21.2
RA-210	1-5/8"	6.5	21.81	3.15	23.8	22.5	23.1
RA-2117	2-1/8"	8.62	12.80	7.09	26.7	25.6	26.6
RA-24117	2-1/8"	8.62	12.80	7.09	29.1	28.1	29.0

高壓儲液器



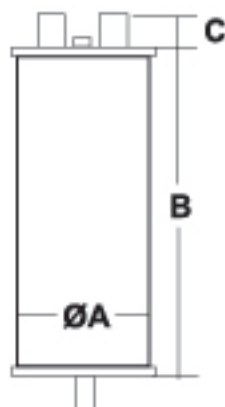
Refrigerant Receivers

Vertical receivers supply you with best choice for your refrigeration system which the receivers needed vertical mount. They offer 500 p.s.i. safe working pressure. Refer to the specification as follows while ordering. Each size has up outlet and down outlet. General use is up outlet model.



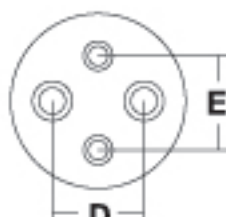
Item No.	Cooling capacity			Size (mm)		Connector size	
	R-134a	R-22	R-407a, R-507	A	B	Inlet port	Finid port
CR-101	2.4	2.5	2.4	88	215	3/8"	1/4"
CR-102	6.0	5.8	6.0	130	245	3/8"	3/8"
CR-103	7.1	6.7	6.5	130	290	3/8"	3/8"
CR-104	10.0	9.4	9.8	156	345	1/2"	1/2"
CR-105	14.1	13.3	13.5	180	405	5/8"	5/8"

熱交換儲液器



Refrigerant Heat exchanger-suction Accumulator

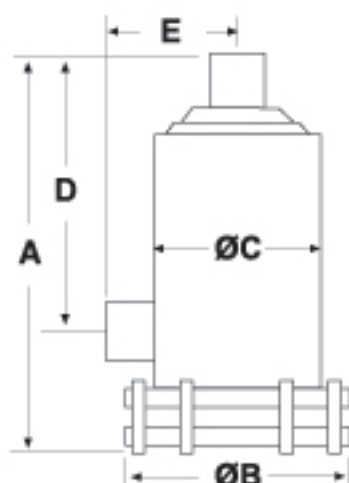
Refrigerant heat exchanger suction accumulator Offers the complete line of strong construction of suction accumulators which provide you with the largest capacity of protection against rust. All heat exchanger-suction accumulators are complete with FR362 fusible plug installed. Please refer to the specifications listed below while ordering.



Item No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Suction line ODF	Liquid line ODF	Normal refrigerating capacity (TONS)		
								R-134a	R-22	R404-R507
SAV-2404	102	215	35	52	60	1/2	3/8	3	2.7	2.8
SAV-2405	102	275	35	53	60	5/8	3/8	4.4	4	4.2
SAV-2406	139	260	40	79	69	3/4	1/2	6.5	6	6.1
SAV-2407	139	320	40	81	69	7/8	1/2	8.5	7.8	8
SAV-2411	159	400	49	79	94	1-1/8	5/8	13.5	12	12.5
SAV-2415	159	530	54	84	80	1-3/8	3/4	18	16.5	17
SAV-2416	159	580	59	82	81	1-5/8	7/8	23	21	22
SAV-2417	159	574	59	82	81	2-1/8	1-1/8	25	23	21



乾燥過濾器



Replaceable Core Type Filter Driers

Flange filter drier

Flange filter drier take-apart filter drier with exchangeable solid core uses the flange connection to seal. It is very convenient to adjust and maintain the equipment. It can be used in the liquid line and suction of the refrigeration system for cold storage and air adjusting equipment.

Features

- Can be matched well with all brands of 48 series of line filter blocks and suction line filter cores.
- Sturdy steel shells prolonged the life of product.
- Low pressure loss when full flowing. All welded ports are copper materials.
- Surface corrosion resistant static electrical painting procedure protecting the shell from the rust.
- Simple internal parts making the installation easy and all parts are steel galvanized.
- End of the floor bolts and square nuts can make installation easy.

Technical datas :

- Refrigerant CFC HCFC HFC
- Maximum working pressure : T-liquid tube 3.4Mpa
SV-suction line 2.7Mpa

Item No.	Connector ODF (in)	Cooling capacity					A (in)	B (in)	C (in)	D (in)	E (in)	Weight (kg)	Core Q'ty
		R134a	R12	R22	R404A	R502							
CD-1100	5/8"	66.5	28.2	73.5	49.0	45.5	9.31	6.05	4.5	6.09	3.13	5.5	1
CD-1102	7/8"	122.5	35.2	133.0	87.5	84.0	9.35	6.05	4.5	6.25	3.25	5.5	1
CD-1103	1-1/8"	168.0	35.2	185.5	122.5	119.0	9.38	6.05	4.5	6.31	3.25	5.5	1
CD-1104	1-3/8"	196.0	45.8	213.5	140.5	136.5	9.75	6.05	4.5	6.44	3.38	5.5	1
CD-1105	1-5/8"	210.0	47.7	230.5	151.0	143.5	9.85	6.05	4.5	6.44	3.40	5.5	1
CD-1106	2-1/8"	215.5	51.0	241.3	162.2	149.3	9.90	6.05	4.5	6.46	3.42	5.5	1
CD-2202	7/8"	129.5	70.4	143.5	94.5	91.0	15.13	6.05	4.5	11.87	3.28	8	2
CD-2203	1-1/8"	203.0	88.0	220.5	147.0	140.0	15.19	6.05	4.5	11.97	3.28	8	2
CD-2204	1-3/8"	252.0	105.6	276.5	182.0	178.5	15.31	6.05	4.5	12.06	3.38	8	2
CD-2205	1-5/8"	273.0	123.2	297.5	196.0	192.5	15.31	6.05	4.5	12.06	3.41	8	2
CD-2206	2-1/8"	283.1	132.5	299.3	198.0	199.0	15.33	6.05	4.5	12.06	3.51	8	2
CD-3303	1-1/8"	196.0	105.6	213.5	140.0	136.5	20.20	6.05	4.5	17.25	3.25	10	3
CD-3304	1-3/8"	283.5	140.8	308.0	203.0	199.5	20.75	6.05	4.5	17.53	3.38	10	3
CD-3305	1-5/8"	311.5	158.4	339.5	224.0	220.5	20.75	6.05	4.5	17.53	3.41	10	3
CD-3306	2-1/8"	360.5	176.0	392.0	259.0	252.0	20.94	6.05	4.5	17.63	3.50	10	3
CD-4404	1-3/8"	301.0	176.0	329.0	217.0	213.5	26.66	6.05	4.5	23.41	3.38	19.5	4
CD-4405	1-5/8"	332.5	211.2	360.5	238.0	231.0	26.66	6.05	4.5	23.41	3.41	19.5	4
CD-4406	2-1/8"	371.0	228.8	402.5	266.0	259.0	26.84	6.05	4.5	23.63	3.50	19.5	4



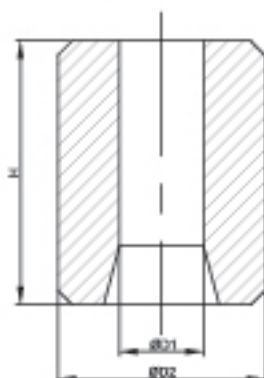
吸氣濾芯和乾燥濾芯

Suction Line Filter Cores And Drying Filter Cores

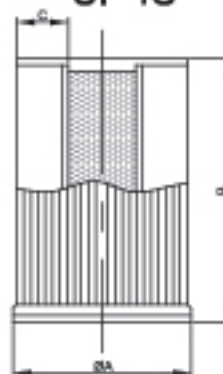
Filter cores and removable driers shells produced by KANGLIDE are in common used and replaceable. The filter cores are packed with metal cans, having good leak tightness to against dirty oil, substances and dust. It includes series of LX suction line filter cores and D(H) drying filter cores.



KD48



SF48



Features :

- Under special environments, capable of dissolving pollutant such as moisture and acid.
- Protect normal systems, clear up compressors.

Item No.	D1 (mm)	D2 (mm)	H (mm)
KD48	45	94	139

Item No.	D1 (mm)	D2 (mm)	H (mm)
SF48	94	138	20



乾燥過濾器



Filter Drier

Item No.	O.D. flare in.	Length in.	O.D. in.	Charge lbs.
FT-6	1/4"	7-3/4"	1-3/4"	0.27
FT-10L	3/8"	10-1/2"	1-3/4"	0.44
FT-10S	3/8"	7-3/4"	1-3/4"	0.27
FT-13	1/2"	10-1/2"	2-1/2"	0.54
FT-16	5/8"	10-1/2"	2-1/2"	0.54

乾燥過濾器 (K型)



Filter Drier (K type)

Item No.		Connection size in.
SAE flare	ODF solder.	
AHK-032	AHK-032-S	1/4"
AHK-033	AHK-033-S	3/8"
AHK-052	AHK-052-S	1/4"
AHK-083	AHK-083-S	3/8"
AHK-084	AHK-084-S	1/2"
AHK-163	AHK-163-S	3/8"
AHK-164	AHK-164-S	1/2"
AHK-165	AHK-165-S	5/8"
AHK-303	AHK-303-S	3/8"
AHK-304	AHK-304-S	1/2"
AHK-305	AHK-305-S	5/8"
AHK-306	AHK-306-S	3/4"
AHK-307	AHK-307-S	7/8"

乾燥過濾器 (S型)



Filter Drier (S type)

Item No.		Connection size in.
SAE flare	ODF solder.	
AHS-032	AHS-032-S	1/4"
AHS-033	AHS-033-S	3/8"
AHS-052	AHS-052-S	1/4"
AHS-083	AHS-083-S	3/8"
AHS-084	AHS-084-S	1/2"
AHS-163	AHS-163-S	3/8"
AHS-164	AHS-164-S	1/2"
AHS-165	AHS-165-S	5/8"
AHS-303	AHS-303-S	3/8"
AHS-304	AHS-304-S	1/2"
AHS-305	AHS-305-S	5/8"
AHS-306	AHS-306-S	3/4"
AHS-307	AHS-307-S	7/8"

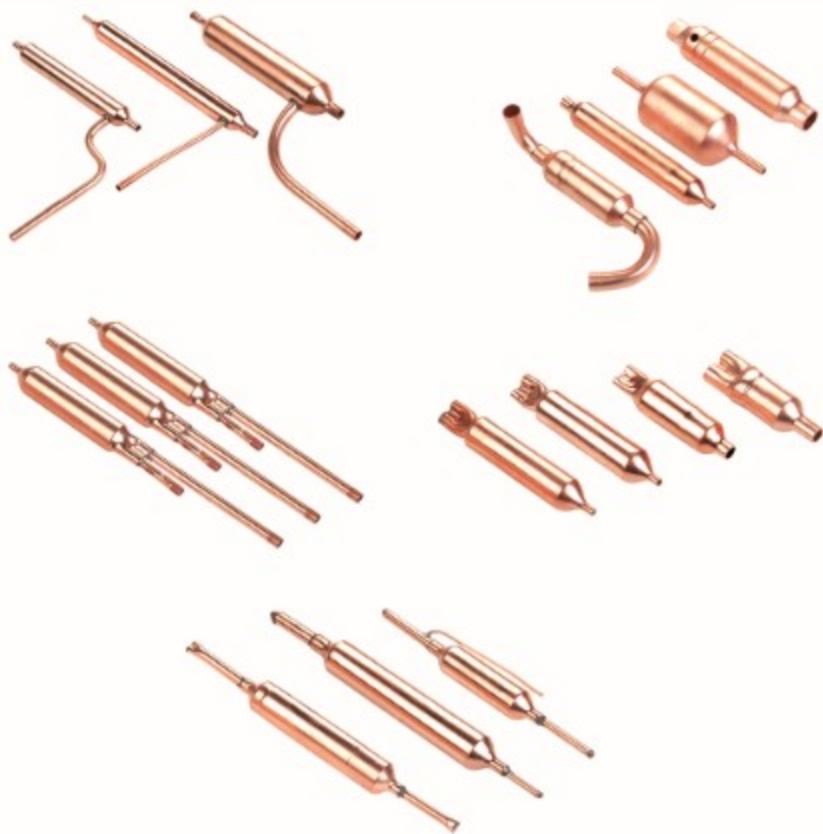


銅過濾器系列

Copper Filter Cores

Copper filter are made are made of good quality copper pipes copper, thread backstops, and top-grade molecular sieves. It is adeptive to R12, R134A, R502 and refrigerators using capillary tubes for throting, freezers and middle and small scale ail-closed refrigeration systems. It is used to absorb remaining moisture in the system and remaining impurities and foreign matters in the filter system. In order to avoid "ice jam" and "dunghill jam" in the systems.

可以根據客戶來圖樣定制各種尺寸
Can customize various sizes.



TAIWAN HEADQUARTER (台灣公司)
恆彰企業股份有限公司
Hub Industrial Co., Ltd.

地址：台中市北平區永豐路337號6樓
Add: No. 6, Lane 337 Yung Feng Rd,
Taiping Dist, Taichung City, Taiwan
TEL: +886-4-22787320
FAX: +886-4-22787366
e-mail: hubcorp@gmail.com
http://www.hubcorp.com



CHINA OFFICE & MANUFACTURING (中國公司)
紹興上虞恆茂機械股份有限公司
Shaoxing Shangyu Fuji Manufacture Co., Ltd.

地址：浙江省上虞市東鎮街道白亭壩(34國道旁)
Add: Baiyan Case Shangyu Zhongling
(by National Highway 34)
紹興市上虞區 312357
TEL: +86-578-8228800 8228600
FAX: +86-578-8228800
e-mail: shangyufujia@163.com
http://www.werzoo.com

