



Asian First Brand[®]

Engineered to serve you better

- TUBING TOOLS
- REFRIGERATION TOOLS
- REFRIGERATION & AIRCONDITIONING PRODUCTS
- HAND TOOLS



TUBING TOOLS



REFRIGERATION TOOLS



REFRIGERATION & AIRCONDITIONING PRODUCTS



HAND TOOLS





> Engineered to serve you better

Quality, service and innovation are goals and self-demand of Asian First Refrigeration Corporation for the past 20 years, we pride ourselves in bringing the best products to our customers that we set strict rules in quality control and services, we have also invested a lot of money into product improvements to develop the best and user-friendly products for our customers. also it is the reason that our company has grown steadily under the challenge of all the competitions.

We have wide selections of products in refrigeration, automotive and hand tools and many more; all these products are the results of hard work of the past 20 years, we have customers all over the world that support our growth, the supports and faith of our customers are the reasons we keep pushing ourselves to be our best.



Asian First Brand®

General manager *Chris C.* Manager *Chiang*

P01~P16 ● TUBING TOOLS

P17~P40 ● REFRIGERATION TOOLS

P41~P64 ● REFRIGERATION & AIRCONDITIONING PRODUCTS

P65~P80 ● HAND TOOLS



TUBING
TOOLS





Quick Action Tube Benders



CT-365A-12 / CT-365M-19



CT-365A-10 / CT-365M-16



CT-365A-08 / CT-365M-12



CT-365A-06 / CT-365M-10

>>> INCH SIZE TUBE BENDER

Item No.	Outside diameter of tube (inch)	Radius to center of tube (inch)
CT-365A-06	3/8"	15/16"
CT-365A-08	1/2"	1-1/2"
CT-365A-10	5/8"	2-1/4"
CT-365A-12	3/4"	3"

>>> METRIC SIZE TUBE BENDER

Item No.	Outside diameter of tube (mm)	Radius to center of tube (inch)
CT-365M-10	10	15/16"
CT-365M-12	12	1-1/2"
CT-365M-16	16	2-1/4"
CT-365M-19	19	3"



STEP 1
Position the handles to 90 degrees and slide in the tube.



STEP 2
Operate the tube bender according to the needed angles.

1. If the desired angles are less or equal to 90 degrees, just lower the number 2 handles to the angle you desire.
2. If the desired angles are larger or equal to 90 degrees, lower the number 2 handle to position marked 90 degrees and then pull up, so 2 handles are parallel to each other.



STEP 3
Lower #2 handle to desired angles. (Step 3 picture is the demonstration of bending the tubes to 180 degrees.)

Lever-Type Tube Benders



>>> INCH SIZE TUBE BENDER

Item No.	Outside diameter of tube (inch)	Radius to center of tube (inch)
CT-364A-04	1/4"	9/16"
CT-364A-05	5/16"	11/16"
CT-364A-06	3/8"	15/16"
CT-364A-08	1/2"	1-1/2"
CT-364A-10	5/8"	2-1/4"
CT-364A-12	3/4"	3"
CT-364A-14	7/8"	3"
CT-364A-10-4	5/8"	4"
CT-364A-12-4	3/4"	4"
CT-364A-14-4	7/8"	4"

METRIC SIZE TUBE BENDER

Item No.	Outside diameter of tube (mm)	Radius to center of tube (inch)
CT-364M-06	6	9/16"
CT-364M-08	8	11/16"
CT-364M-10	10	15/16"
CT-364M-12	12	1-1/2"
CT-364M-16	16	2-1/4"
CT-364M-19	19	3"
CT-364M-22	22	3"
CT-364M-16-4	16	4"
CT-364M-19-4	19	4"
CT-364M-22-4	22	4"

Heavy Duty Lever-Type Tube Benders



>>> INCH SIZE TUBE BENDER

Item No.	Outside diameter of tube (inch)	Radius to center of tube (inch)
CT-366A-06	1/4"	9/16"
CT-366A-08	5/16"	1 1/16"
CT-366A-10	3/8"	1 5/16"
CT-366A-12	1/2"	1 1/2"

METRIC SIZE TUBE BENDER

Item No.	Outside diameter of tube (mm)	Radius to center of tube (inch)
CT-366M-06	6	9/16"
CT-366M-08	8	1 1/16"
CT-366M-10	10	1 5/16"
CT-366M-12	12	1 1/2"

>>> EXTERNAL SPRING-TYPE TUBE BENDERS

Item No.	Size (inch)	Length (mm)
CT-102-04	1/4"	250
CT-102-05	5/16"	250
CT-102-06	3/8"	250
CT-102-08	1/2"	250
CT-102-10	5/8"	250
CT-102-12	3/4"	250

CT-102-6P:

CT-102-04 1/4", CT-102-05 5/16", CT-102-06 3/8"
CT-102-08 1/2", CT-102-10 5/8", CT-102-12 3/4"



>>> CT-202 STAINLESS SPRING-TYPE TUBE BENDERS

Item No.	Size (inch)	Length (mm)
CT-202-06	3/8"	1500
CT-202-08	1/2"	1500
CT-202-10	5/8"	1500
CT-202-12	3/4"	1500



Multi-Size Tube Benders Set

CT-999AL >>>

For 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" & 7/8" O.D. tubing.
With special reverse direction bending function.
In blow-mold carrying case.

CT-999S

For 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" & 7/8" O.D. tubing.
In blow-mold carrying case.

CT-999MS

For 6mm/8mm/10mm/12mm/16mm/19mm/22mm O.D. tubing.
In blow-mold carrying case. Only made with special order.

CT-999ML

For 6mm/8mm/10mm/12mm/16mm/19mm/22mm O.D. tubing.
With special reverse direction bending function.
In blow-mold carrying case. Only made with special order.



Multi-Size Tube Benders



>>> CT-367

For 1/8", 3/16" & 1/4" O.D. tubing. (3mm/4mm/6mm O.D.)
9/16" radius to center of tube

CT-368 >>>

For 1/4", 5/16" & 3/8" O.D. tubing. 11/16" radius to center of tube

CT-368M

For 6mm/8mm/10mm O.D. tubing. 11/16" radius to center of tube
Color: ORANGE



>>> CT-369

For 3/16", 1/4", 5/16" & 3/8" O.D. tubing.

Multi-Size Tube Expander Set

CT-A100 >>>

CT-A100H + CT-A100E + CT-274 + CT-208

CT-A100H Expander Handle.

CT-A100E Expander heads 7 size: 3/8", 1/2", 5/8", 7/8", 3/4", 1" & 1-1/8" O.D. Each head has 6 guide channels and rivets to assure regular capillary flow.

CT-A200

CT-A100H + CT-A200E + CT-274 + CT-208

CT-A100H Expander Handle.

CT-A200E Expander heads 7 size: 10mm/12mm/16mm/19mm/22mm/25mm/28mm O.D. Each head has 6 guide channels and rivets to assure regular capillary flow.



CT-A100E-35

Also we have extra 1-3/8" (35mm), 1-5/8" (41mm) O.D. for your choice.



CT-A100E-41



CT-193 Set of 5 Swaging Punches

For 1/4", 5/16", 3/8", 1/2", & 5/8" O.D. tubing.

A / CT-93-10 for 5/8" O.D. **B** / CT-93-08 for 1/2" O.D.
C / CT-93-06 for 3/8" O.D. **D** / CT-93-05 for 5/16" O.D.
E / CT-93-04 for 1/4" O.D.



CT-93-12

For 3/4" O.D.



CT-93-14

For 7/8" O.D.



CT-94 3 in 1 Swaging Punches

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



CT-95 All in 1 Swaging Punches

For 1/4", 5/16", 3/8", 1/2" & 5/8" O.D. tubing.

Smart Spring Tube Cutter

All New Design Patented Tube Cutter



• Newly Improved Cutter Blades

• Spring

• Indicators on the bar

>>> **CT-288R**

SUJ2 Blades with Nickel Plated finishing.

>>> **CT-288G**

SKH9 Blades with Titanium finishing.



Smart Spring Mechanism

- This mechanism will enable cutters to cut tubes automatically.
- This mechanism releases pressure from the blades in order for the blades to last longer.
- Stabilize the tracking position of the blades.
- Adjust automatically in order to cut tubes that aren't perfectly rounded with ease.



Indicators

- The indicators help the users to cut different thickness tubing without crashing the tubes.



Cutter Blades

- Thinner and sharper blades enable to cut tubes more efficiently.
- Golden Blades-SKH9 with Titanium finishing.
- Red blades- SUJ2 with Nickel Plated finishing.



CT-288G-B



CT-288R-B

• CT-288R-B SUJ2 Blades with Nickel Plated finishing.

• CT-288G-B SKH9 Blades with Titanium finishing.

Tube Cutters

CT-274 >>>

For 1/8" to 1-1/8" (4~28mm) O.D. tubing



CT-312 >>>

For 1/4" to 1-5/8" (7~41mm) O.D. tubing



CT-206 >>>

For 3/8" to 2-5/8" (10~66mm) O.D. tubing



CT-105 >>>

For 1/8" to 1-3/8" (3~35mm) O.D. tubing



CT-107 >>>

For 1/4" to 2" (6~50mm) O.D. tubing



CT-205 >>>

For 1/4" to 2-5/8" (6~67mm) O.D. tubing



CT-126 >>>

For 1/8" to 5/8" (3~15mm) O.D. tubing



CT-127 >>>

For 1/8" to 5/8" (4~15mm) O.D. tubing



CT-128 >>>

For 1/8" to 7/8" (3~22mm) O.D. tubing



CT-129 >>>

For 1/8" to 1-1/8" (3~28mm) O.D. tubing



CT-174 >>>

For 3/8" to 1-1/8" (10~28mm) O.D. tubing



CT-150B
CT-206B



CT-105B
CT-107B



CT-129B
CT-174B
CT-274B
CT-312B



CT-126B
CT-127B
CT-128B

Eccentric Cone Flaring Tool

For R410a/R22



>>> CT-806AL

CT-806A + CT-274 + CT-208

For 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. tubing.
in blow-mold carrying case.

CT-808AL

CT-808A + CT-274 + CT-208

For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. tubing.
in blow-mold carrying case.

CT-806ML

CT-806M + CT-274 + CT-208

For 6mm/8mm/10mm/12mm/16mm/19mm O.D. tubing.
in blow-mold carrying case.

CT-808ML

CT-808M + CT-274 + CT-208

For 4mm/6mm/8mm/10mm/12mm/16mm/19mm O.D. tubing.
in blow-mold carrying case.



>>> CT-806A

For 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. tubing.

CT-806M

For 6mm/8mm/10mm/12mm/16mm/19mm O.D. tubing.

CT-808A

For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. tubing.

CT-808M

For 4mm/6mm/8mm/10mm/12mm/16mm/19mm O.D. tubing.

Flaring Tool Kits

>>> CT-195

For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. tubing.

CT-395

For 4mm/6mm/8mm/10mm/12mm/14mm/16mm O.D. tubing.



>>> CT-1226

CT-195 + CT-274

For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. tubing.
in plastic case.

CT-1227

CT-395 + CT-274

For 4mm/6mm/8mm/10mm/12mm/14mm/16mm O.D. tubing.
in plastic case.



CT-1226L

CT-195 + CT-274

For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. tubing.
in blow-mold carrying case.

CT-1226LA

CT-195 + CT-274 + 5 Double Flaring Adapters

For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. tubing.
Includes 5 double flaring adapters which cover 3/16", 1/4", 5/16", 3/8" & 1/2" in blow-mold carrying case.

CT-1227L

CT-395 + CT-274

For 4mm/6mm/8mm/10mm/12mm/14mm/16mm O.D. tubing.
in blow-mold carrying case.

CT-1227LA

CT-395 + CT-274 + 5 Double Flaring Adapters

For 4mm/6mm/8mm/10mm/12mm/14mm/16mm O.D. tubing.
Includes 5 double flaring adapters which cover 4mm, 6mm, 8mm, 10mm & 12mm in blow-mold carrying case.



>>> CT-275

CT-275 Flaring & Swaging Tool

For 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & 3/4" O.D. tubing. Includes 5 swage adapters which cover 3/16"~1/4"~3/8", 5/16", 1/2", 5/8" & 3/4" in plastic case.

CT-275M

CT-275 Flaring & Swaging Tool

For 4mm/4.75mm/6mm/8mm/10mm/12mm/14mm/16mm/19mm O.D. tubing. Includes 5 swage adapters which cover 4~6~10mm, 8mm, 12mm, 16mm & 19mm in plastic case.

>>> CT-275L

CT-275 Flaring & Swaging Tool

For 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & 3/4" O.D. tubing. Includes 5 swage adapters which cover 3/16"~1/4"~3/8", 5/16", 1/2", 5/8" & 3/4" in blow-mold carrying case.

CT-275ML

CT-275 Flaring & Swaging Tool

For 4mm/4.75mm/6mm/8mm/10mm/12mm/14mm/16mm/19mm O.D. tubing. Includes 5 swage adapters which cover 4~6~10mm, 8mm, 12mm, 16mm & 19mm in blow-mold carrying case.



>>> CT-276AL

Flaring & Swaging Tool

For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing. Includes 5 double flaring adapters which cover 3/16"~1/4"~3/8", 5/16", 1/2", 5/8" & 3/4" in blow-mold carrying case.

>>> CT-278L

CT-275 + CT-274 + CT-122

For 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & 3/4" O.D. tubing. Includes 5 swage adapters which cover 3/16"~1/4"~3/8", 5/16", 1/2", 5/8" & 3/4" in blow-mold carrying case.





>>> CT-93FB

45° Double Flaring Kit

For 3/16", 1/4", 5/16", 3/8" & 1/2" O.D. tubing.
Includes 5 double flaring adapters which cover
3/16", 1/4", 5/16", 3/8" & 1/2" in plastic case.

>>> CT-93FBL

45° Double Flaring Kit

For 3/16", 1/4", 5/16", 3/8" & 1/2" O.D. tubing.
Includes 5 double flaring adapters which cover
3/16", 1/4", 5/16", 3/8" & 1/2" in blow-mold carrying case.



>>> CT-96FB

CT-93FB + CT-274

For 3/16", 1/4", 5/16", 3/8" & 1/2" O.D. tubing.
Includes 5 double flaring adapters which cover
3/16", 1/4", 5/16", 3/8" & 1/2" in plastic case.

>>> CT-96FBL

CT-93FBL + CT-274

For 3/16", 1/4", 5/16", 3/8" & 1/2" O.D. tubing.
Includes 5 double flaring adapters which cover
3/16", 1/4", 5/16", 3/8" & 1/2" in blow-mold carrying case.





>>> CT-3000
For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" O.D. tubing.

CT-3000M
For 6mm/8mm/10mm/12mm/15mm/16mm O.D. tubing.

>>> CT-3274
CT-3000 + CT-274

For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" O.D. tubing.
in plastic case.

CT-3274M
CT-3000M + CT-274

For 6mm/8mm/10mm/12mm/15mm/16mm O.D. tubing.
in plastic case.



>>> CT-5000
For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" O.D. tubing.

CT-5000M
For 6mm/8mm/10mm/12mm/15mm/16mm O.D. tubing.

>>> CT-5274
CT-5000 + CT-274

For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" O.D. tubing.
in plastic case.

CT-5274M
CT-5000M + CT-274

For 6mm/8mm/10mm/12mm/15mm/16mm O.D. tubing.
in plastic case.





>>> **CT-103**
For 3/4", 7/8" & 1" O.D. tubing.

CT-203
For 5/8", 3/4", 7/8" & 1 1/8" O.D. tubing.



>>> **CT-525**
For 3/16" to 5/8" (4.7mm~16mm) O.D. tubing.



>>> **CT-197A**
For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.

>>> CHAIN WRENCH

Item No.	Range(mm)
AF-30160	30~160
AF-150	45~110
AF-150L	45~140
AF-300	45~150
AF-500	65~180



>>> OIL FILTER WRENCH

Item No.	Range(mm)	Drop Forged Steel
A-100	60~75	
A-200	75~95	
A-300	95~115	

>>> STRAP WRENCH

Item No.	Range(mm)
AF-160	25~160
AF-260	40~240



>>> 12" ADJUSTABLE OIL FILTER PLIERS

Item No.	Range(mm)
AF-60115	60~115



CT-M42



CT-S25

>>> PVC PIPE CUTTER

Item No.	Range(mm)
CT-S25	6~30
CT-M42	6~42

>>> END CUTTING NIPPERS

Item No.	Length(mm)	Range(mm)
AF-P8	216	2



>>> CT-1104
Capillary tube cutter 5" (125mm)



>>> CT-201
Pinch-off Plier 7"



>>> CT-204
Pinch-off tool Capacity up to 3/8" O.D.



>>> CT-208
Inner-outer reamer (Plastic body)
Reaming capacity~3/16" to 1-1/2" O.D. (1/8"~1-1/4" nom)



>>> CT-209
Inner-outer reamer (Zinc body)
Reaming capacity~1/4" to 1-5/8"

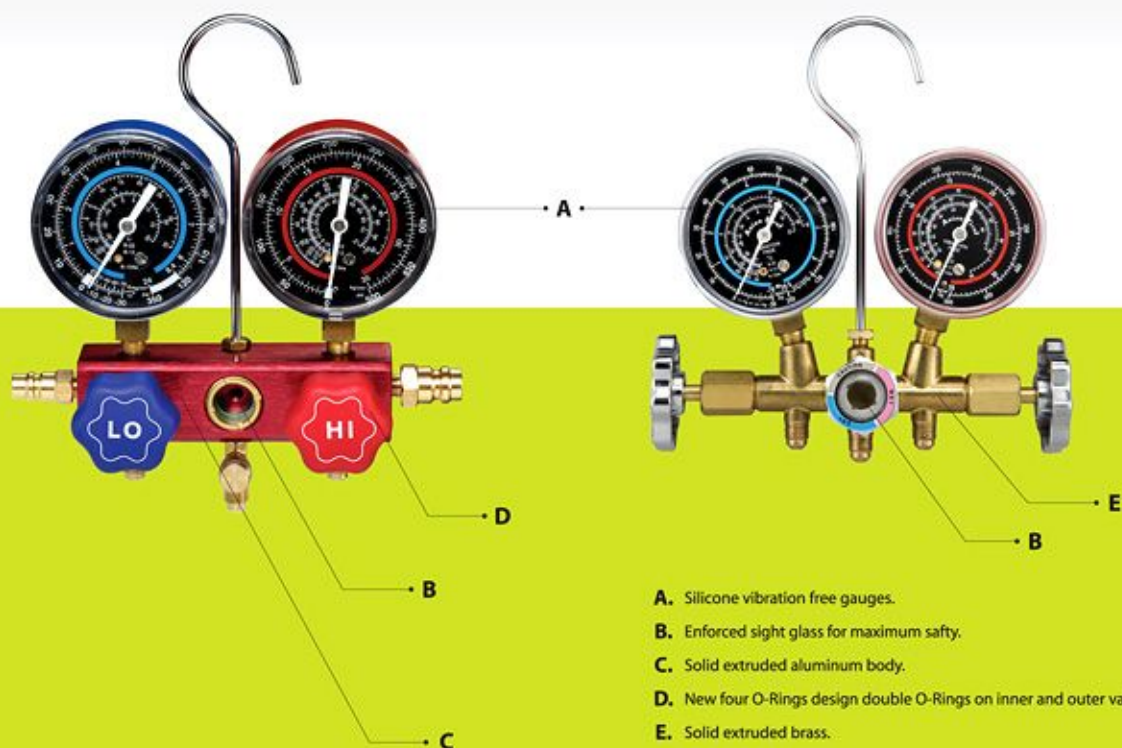


REFRIGERATION TOOLS



Engineered To Serve You Better

ASIAN FIRST BRAND is the leading manufacturer of professional quality A/C-R manifold gauge sets. Our manifold gauge sets are constructed of the finest materials and machined with precision to the highest quality standard.



- A. Silicone vibration free gauges.
- B. Enforced sight glass for maximum safety.
- C. Solid extruded aluminum body.
- D. New four O-Rings design double O-Rings on inner and outer valve.
- E. Solid extruded brass.



• New Patented Automatic Manual Quick Couple.



• Optional auto shut off valves.



Manifold blow case design for either brass or aluminum manifold sets enough space for 2 sets of hoses compartments for accessories, quick couplers or adaptors.

Aluminum R134a Auto A/C Manifold 80mm Gauge Sets

R134a auto A/C 2-way manifold gauge sets. Hose connections for blue and red are 14mm-M, yellow hose is 1/2" ACME-F. All hoses are designed and crimped for R134a working pressure 600 bursting pressure 3000.



• To order manifold gauge sets with rubber protector, simply place "GP" after item number.

Item No.	Length
CT-A436G-AM	36"
CT-A460G-AM	60"
CT-A472G-AM	72"



Item No.	Length
CT-AS36G-AM	36"
CT-AS60G-AM	60"
CT-AS72G-AM	72"

Item No.	Length
CT-A436G-M	36"
CT-A460G-M	60"
CT-A472G-M	72"



Item No.	Length
CT-AS36G-M	36"
CT-AS60G-M	60"
CT-AS72G-M	72"

Item No.	Length
CT-A436G-S	36"
CT-A460G-S	60"
CT-A472G-S	72"



Item No.	Length
CT-AS36G-S	36"
CT-AS60G-S	60"
CT-AS72G-S	72"



• To order manifold gauge sets with Auto-Shut-Off valve, simply place "-AV" after item number.



• To order manifold gauge sets with blow case, simply place "-L" after item number.

Brass R134a Auto A/C Manifold 70mm Gauge Sets

R134a auto A/C 2-way manifold gauge sets. Hose connections for blue and red are 14mm-M, yellow hose is 1/2" ACME-F. All hoses are designed and crimped for R134a working pressure 600 bursting pressure 3000.



with sight glass



without sight glass



- To order 80mm Gauges with Brass Manifold set, simply place "80" after the item number
- To order manifold gauge sets with rubber protector, simply place "GP" after item number.

Item No.	Length
CT-A536G-AM	36"
CT-A560G-AM	60"
CT-A572G-AM	72"



Item No.	Length
CT-A636G-AM	36"
CT-A660G-AM	60"
CT-A672G-AM	72"

Item No.	Length
CT-A536G-M	36"
CT-A560G-M	60"
CT-A572G-M	72"



Item No.	Length
CT-A636G-M	36"
CT-A660G-M	60"
CT-A672G-M	72"

Item No.	Length
CT-A536G-S	36"
CT-A560G-S	60"
CT-A572G-S	72"



Item No.	Length
CT-A636G-S	36"
CT-A660G-S	60"
CT-A672G-S	72"



- To order manifold gauge sets with Auto-Shut-Off valve, simply place "-AV" after item number.



- To order manifold gauge sets with blow case, simply place "-L" after item number.

Aluminum Dual R12, R134a Auto A/C Manifold 80mm Gauge Sets

R134a auto A/C 2-way manifold gauge sets with hose connections for red, yellow and blue are 1/4" SAE, additional CB-04xACME is included for connection to ACME cylinders.

All hoses are designed and crimped for working pressure 600 bursting pressure 3000.



4 Way



2 Way



- To order manifold gauge sets with rubber protector, simply place "GP" after item number.

Item No.	Length
CT-A436G-AM4	36"
CT-A460G-AM4	60"
CT-A472G-AM4	72"



Item No.	Length
CT-AS36G-AM4	36"
CT-AS60G-AM4	60"
CT-AS72G-AM4	72"

Item No.	Length
CT-A436G-M4	36"
CT-A460G-M4	60"
CT-A472G-M4	72"



Item No.	Length
CT-AS36G-M4	36"
CT-AS60G-M4	60"
CT-AS72G-M4	72"

Item No.	Length
CT-A436G-S4	36"
CT-A460G-S4	60"
CT-A472G-S4	72"



Item No.	Length
CT-AS36G-S4	36"
CT-AS60G-S4	60"
CT-AS72G-S4	72"



- To order manifold gauge sets with Auto-Shut-Off valve, simply place "-AV" after item number.



- To order manifold gauge sets with blow case, simply place "-L" after item number.

Brass Dual R12, R134a Auto A/C Manifold 70mm Gauge Sets

R134a auto A/C 2-way manifold gauge sets with hose connections for red, yellow and blue are 1/4" SAE, additional CB-04xACME is included for connection to ACME cylinders. All hoses are designed and crimped for R134a working pressure-600 bursting pressure 3000.



with sight glass



without sight glass



- To order 80mm Gauges with Brass Manifold set, simply place "80" after the item number
- To order manifold gauge sets with rubber protector, simply place "GP" after item number.

Item No.	Length
CT-A536G-AM4	36"
CT-A560G-AM4	60"
CT-A572G-AM4	72"



Item No.	Length
CT-A636G-AM4	36"
CT-A660G-AM4	60"
CT-A672G-AM4	72"

Item No.	Length
CT-A536G-M4	36"
CT-A560G-M4	60"
CT-A572G-M4	72"



Item No.	Length
CT-A636G-M4	36"
CT-A660G-M4	60"
CT-A672G-M4	72"

Item No.	Length
CT-A536G-S4	36"
CT-A560G-S4	60"
CT-A572G-S4	72"



Item No.	Length
CT-A636G-S4	36"
CT-A660G-S4	60"
CT-A672G-S4	72"



- To order manifold gauge sets with Auto-Shut-Off valve, simply place "-AV" after item number.



- To order manifold gauge sets with blow case, simply place "-L" after item number.

Aluminum R410a Manifold 80mm Gauge Sets

R410a 2-way manifold gauge sets with hose connections for red, yellow and blue are 1/4" SAE or 5/16" SAE, All hoses are designed and crimped for working pressure 800 bursting pressure 4000.



4 Way



2 Way



• To order manifold gauge sets with rubber protector, simply place "R" after item number.

1/4" SAE Connection (with CB-R410-V x2 & CB-R410-04 x1)

36"	CT-A436G-R4
60"	CT-A460G-R4
72"	CT-A472G-R4



auto shut off valves

1/4" SAE Connection (with CB-R410-V x2 & CB-R410-04 x1)

36"	CT-AS36G-R4
60"	CT-AS60G-R4
72"	CT-AS72G-R4

5/16" SAE Connection

36"	CT-A436G-R410
60"	CT-A460G-R410
72"	CT-A472G-R410

5/16" SAE Connection

36"	CT-AS36G-R410
60"	CT-AS60G-R410
72"	CT-AS72G-R410

Brass Dual R410a Manifold 70mm Gauge Sets

R410a 2-way manifold gauge sets with hose connections for red, yellow and blue are 1/4" SAE or 5/16" SAE, All hoses are designed and crimped for working pressure 800 bursting pressure 4000.



with sight glass



without sight glass



- To order 80mm Gauges with Brass Manifold set, simply place "80" after the item number
- To order manifold gauge sets with rubber protector, simply place "L" after item number.

1/4" SAE Connection (with CB-R410-V x2 & CB-R410-04 x1)

36"	CT-A536G-R4
60"	CT-A560G-R4
72"	CT-A572G-R4



auto shut off valves

1/4" SAE Connection (with CB-R410-V x2 & CB-R410-04 x1)

36"	CT-A636G-R4
60"	CT-A660G-R4
72"	CT-A672G-R4

5/16" SAE Connection

36"	CT-A536G-R410
60"	CT-A560G-R410
72"	CT-A572G-R410

5/16" SAE Connection

36"	CT-A636G-R410
60"	CT-A660G-R410
72"	CT-A672G-R410



- To order manifold gauge sets with blow case, simply place "L" after item number.

Aluminum R404a, R407c, R507a, R134a Manifold 80mm Gauge Sets

R404a, R407c, R507a, R134a 2-way manifold gauge sets with hose connections for red, yellow and blue are 1/4" SAE,

All hoses are designed and crimped for working pressure 600 bursting pressure 300.



4 Way



2 Way



• To order manifold gauge sets with rubber protector, simply place "L" after item number.

Standard Fittings

36"	CT-A436G-RU
60"	CT-A460G-RU
72"	CT-A472G-RU

with Auto-Shut-off Valve

36"	CT-A436G-RUAV
60"	CT-A460G-RUAV
72"	CT-A472G-RUAV

with Manual-Shut-off Valve

36"	CT-A436G-RUMV
60"	CT-A460G-RUMV
72"	CT-A472G-RUMV



Auto-Shut-off Valve



Manual-Shut-off Valve

Standard Fittings

36"	CT-AS36G-RU
60"	CT-AS60G-RU
72"	CT-AS72G-RU

with Auto-Shut-off Valve

36"	CT-AS36G-RUAV
60"	CT-AS60G-RUAV
72"	CT-AS72G-RUAV

with Manual-Shut-off Valve

36"	CT-AS36G-RUMV
60"	CT-AS60G-RUMV
72"	CT-AS72G-RUMV



• To order manifold gauge sets with blow case, simply place "L" after item number.

Brass R404a, R407c, R507a, R134a Manifold 70mm Gauge Sets

R404a, R407c, R507a, R134a 2-way manifold gauge sets with hose connections for red, yellow and blue are 1/4" SAE,

All hoses are designed and crimped for working pressure 600 bursting pressure 300.



with sight glass



without sight glass



- To order 80mm Gauges with Brass Manifold set, simply place "80" after the item number
- To order manifold gauge sets with rubber protector, simply place "60" after item number.

Standard Fittings

36"	CT-A536G-RU
60"	CT-A560G-RU
72"	CT-A572G-RU

with Auto-Shut-off Valve

36"	CT-A536G-RUAV
60"	CT-A560G-RUAV
72"	CT-A572G-RUAV

with Manual-Shut-off Valve

36"	CT-A536G-RUMV
60"	CT-A560G-RUMV
72"	CT-A572G-RUMV



Auto-Shut-off Valve



Manual-Shut-off Valve

Standard Fittings

36"	CT-A636G-RU
60"	CT-A660G-RU
72"	CT-A672G-RU

with Auto-Shut-off Valve

36"	CT-A636G-RUAV
60"	CT-A660G-RUAV
72"	CT-A672G-RUAV

with Manual-Shut-off Valve

36"	CT-A636G-RUMV
60"	CT-A660G-RUMV
72"	CT-A672G-RUMV



- To order manifold gauge sets with blow case, simply place "-L" after item number.

R404a/R470c, R507a, R134a 鋁架錶組系列 Aluminum R12, R22 Manifold 80mm Gauge Sets

- R12/R22 °C 高壓錶(0~500psi) / °C 低壓錶(-30~250psi) 外徑 80mm。
- 500~2500psi 加氣管組 / G(紅、藍、黃) 1/4"(2分) 45° 彎接頭 x 1/4"(2分) 直接頭。
- AV(紅、藍、黃) 1/4"(2分) 45° 彎接頭 x 1/4"(2分) 直接頭。
- MV(紅、藍、黃) 1/4"(2分) 45° 彎接頭 x 1/4"(2分) 直接頭 x 手動閥。
- 鋁架陽極處理/藍色。 ● 強化玻璃視窗。 ● 耐錶鉤。
- 長紙盒裝~10組/件。手提吹氣盒裝~6組/件。 ● 可選擇加錶套。



A4—4 道路手動凡而 (高壓/低壓/真空/充填)



AS—2 道路手動凡而 (高壓/低壓) + 高/低壓快速接頭



- To order manifold gauge sets with rubber protector, simply place "L" after item number.

Standard Fittings

36英吋 (3尺)	CT-A436G
60英吋 (5尺)	CT-A460G
72英吋 (6尺)	CT-A472G

with Auto-Shut-off Valve

36英吋 (3尺)	CT-A436G-AV
60英吋 (5尺)	CT-A460G-AV
72英吋 (6尺)	CT-A472G-AV

with Manual-Shut-off Valve

36英吋 (3尺)	CT-A436G-MV
60英吋 (5尺)	CT-A460G-MV
72英吋 (6尺)	CT-A472G-MV



Auto-Shut-off Valve



Manual-Shut-off Valve

Standard Fittings

36英吋 (3尺)	CT-AS36G
60英吋 (5尺)	CT-AS60G
72英吋 (6尺)	CT-AS72G

with Auto-Shut-off Valve

36英吋 (3尺)	CT-AS36G-AV
60英吋 (5尺)	CT-AS60G-AV
72英吋 (6尺)	CT-AS72G-AV

with Manual-Shut-off Valve

36英吋 (3尺)	CT-AS36G-MV
60英吋 (5尺)	CT-AS60G-MV
72英吋 (6尺)	CT-AS72G-MV



- To order manifold gauge sets with blow case, simply place "L" after item number.

R12, R22 銅架錶組系列

Brass R12, R22 Manifold 70mm Gauge Sets

- R12/R22 °C 高壓錶(0~500psi) / °C 低壓錶(-30~250psi) 外徑70mm *
- 500~2500psi 加氣管組 / G(紅、藍、黃) 1/4"(2分) 45° 彎接頭x1/4"(2分) 直接頭。
- AV(紅、藍、黃) 1/4"(2分) 45° 彎接頭x1/4"(2分) 直接頭。
- MV(紅、藍、黃) 1/4"(2分) 45° 彎接頭x1/4"(2分) 直接頭x手動閥。
- 耐錶鋼。
- 四方紙盒裝~16組/件，手提吹氣盒裝~6組/件。
- 可選擇加錶套。



with sight glass



without sight glass



- To order 80mm Gauges with Brass Manifold set, simply place "80" after the item number
- To order manifold gauge sets with rubber protector, simply place "RP" after item number.

Standard Fittings

36英吋 (3尺)	CT-A536G
60英吋 (5尺)	CT-A560G
72英吋 (6尺)	CT-A572G

with Auto-Shut-off Valve

36英吋 (3尺)	CT-A536G-AV
60英吋 (5尺)	CT-A560G-AV
72英吋 (6尺)	CT-A572G-AV

with Manual-Shut-off Valve

36英吋 (3尺)	CT-A536G-MV
60英吋 (5尺)	CT-A560G-MV
72英吋 (6尺)	CT-A572G-MV



Auto-Shut-off Valve



Manual-Shut-off Valve

Standard Fittings

36英吋 (3尺)	CT-A636G
60英吋 (5尺)	CT-A660G
72英吋 (6尺)	CT-A672G

with Auto-Shut-off Valve

36英吋 (3尺)	CT-A636G-AV
60英吋 (5尺)	CT-A660G-AV
72英吋 (6尺)	CT-A672G-AV

with Manual-Shut-off Valve

36英吋 (3尺)	CT-A636G-MV
60英吋 (5尺)	CT-A660G-MV
72英吋 (6尺)	CT-A672G-MV



- To order manifold gauge sets with blow case, simply place "-L" after item number.

Aluminum Metric R134a Japanese Standard Manifold 80mm Gauge Sets

R134a Japanese standard 2-way manifold gauge sets with hose connections for blue and yellow are 10MxP1.5, red hose is 12MxP1.75, All hoses are designed and crimped for working pressure 600 bursting pressure 3000.



4 Way



2 Way



- To order manifold gauge sets with rubber protector, simply place "P" after item number.

Without Coupler

36"	CT-A436G-J
60"	CT-A460G-J
72"	CT-A472G-J

With QC-13 Coupler

36"	CT-A436G-SJ
60"	CT-A460G-SJ
72"	CT-A472G-SJ

Without Coupler

36"	CT-AS36G-J
60"	CT-AS60G-J
72"	CT-AS72G-J

With QC-13 Coupler

36"	CT-AS36G-SJ
60"	CT-AS60G-SJ
72"	CT-AS72G-SJ



KWT-QC-13 Coupler



- To order manifold gauge sets with blow case, simply place "L" after item number.

Aluminum Single 80mm Gauge Valve



CT-467G-L



CT-467G-H



CT-467L



CT-467H

Brass Single 70mm Gauge Valve



CT-466G-L



CT-466G-H



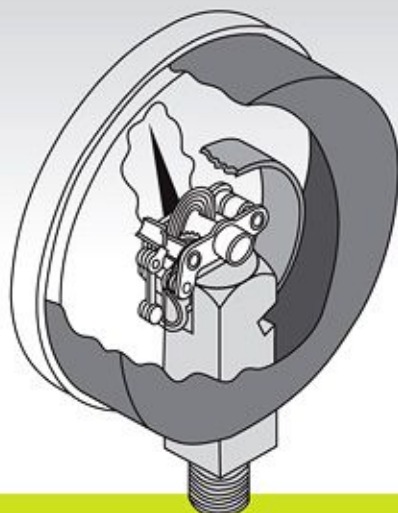
CT-466



- To order manifold gauge sets with rubber protector, simply place "GP" after item number.
- To order 80mm Gauges with Brass Manifold set, simply place "80" after the item number.

Vibration Free Gauges

Our exclusive encapsulated silicone dampened movement.



Competitors' Standard Gauge



Vibration Free Gauges

- Provides steady and accurate pressure readings.
- Shock resistant movement seldom needs recalibration.
- Guaranteed not to LEAK FLUID.
- Guaranteed not to LOSE DAMPENING CHARACTERISTICS.

GAUGE 80mm >>>

Refrigerant	Compound	Pressure
R12, R22, R134a (°F)	RG-A250-VF	RG-A500-VF
R12, R22, R134a (°C)	RG-A250-VC	RG-A5000-VC
R134a (°F, °C)	RG-A134L-V	RG-A134H-V
R410a (°F, °C)	RG-A410L-V	RG-A410H-V
R404a, 407c, 507a, 134a (°C)	RG-A404L-VC	RG-A404H-VC



>>> GAUGE 70mm



Refrigerant	Compound	Pressure
R12, R22, R134a (°F)	RG-250-VF	RG-500-VF
R12, R22, R134a (°C)	RG-250-VC	RG-5000-VC
R134a (°F, °C)	RG-134L-V	RG-134H-V
R410a (°F, °C)	RG-410L-V	RG-410H-V
R404a, 407c, 507a, 134a (°C)	RG-404L-VC	RG-404H-VC



- To order manifold gauge sets with rubber protector, simply place "GP" after item number.

R134a Service Couplers

Automatic & Manual Service Couplers



QC-AMH4
1/4" SAE



QC-AML4
1/4" SAE



QC-AMH
14mmx1.5



QC-AML
14mmx1.5

Manual Service Couplers



QC-MH4
1/4" SAE



QC-ML4
1/4" SAE



QC-MH
14mmx1.5



QC-ML
14mmx1.5

Automatic Service Couplers



QC-12
1/4" SAE



QC-13
Japanese Standard

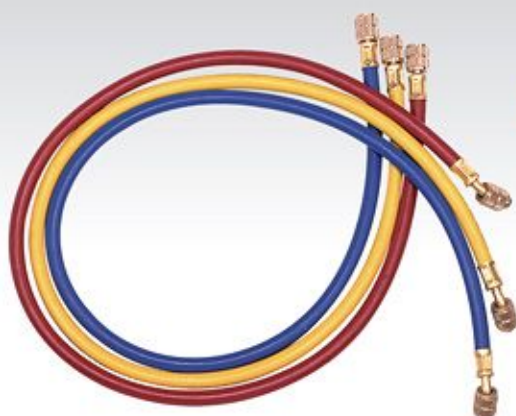


QC-14
1/4" SAE



QC-15
14mm

R134a Auto A/C Charging Hoses



>>> R134a Charging Hose with 1/2" ACME-F & 14mm-M Auto A/C Fittings

Premium Hose

Working Pressure 600 Bust 3000

CT-P336RYB-ACME

CT-P360RYB-ACME

CT-P372RYB-ACME

Heavy Duty

Working Pressure 800 Bust 4000

CT-H336RYB-ACME

CT-H360RYB-ACME

CT-H372RYB-ACME

>>> R134a Charging Hose with Metric Fittings (Japanese Standard)

Premium Hose

Working Pressure 600 Bust 3000

CT-P336RYB-J

CT-P360RYB-J

CT-P372RYB-J

Heavy Duty

Working Pressure 800 Bust 4000

CT-H336RYB-J

CT-H360RYB-J

CT-H372RYB-J



>>> R134a Charging Hose with 1/2" ACME-F & 14mm-M Auto A/C Fittings & Automatic Shut-Off Valve

Premium Hose

Working Pressure 600 Bust 3000

CT-P336RYB-ACME-V

CT-P360RYB-ACME-V

CT-P372RYB-ACME-V

Heavy Duty

Working Pressure 800 Bust 4000

CT-H336RYB-ACME-V

CT-H360RYB-ACME-V

KCT-H372RYB-ACME-V

Service Hose
Replacement Part >>>



HP-1
Rubber Gasket



HP-2
Teflon Gasket

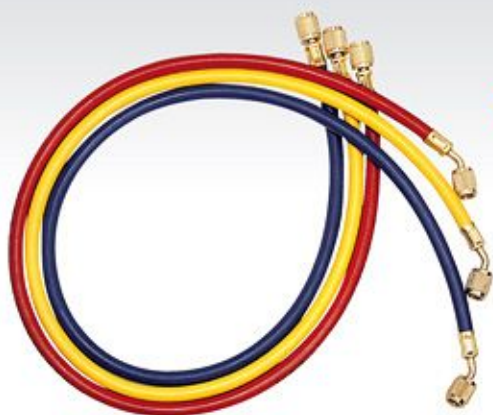


HD-1
Brass Screw
Depressor



HD-2
Brass Hose
Depressor

Charging Hose with 1/4" SAE Fittings



>>> Charging Hose with 1/4" SAE Fittings

Standard Hose Working Pressure 500 Bust 2500	Premium Hose Working Pressure 600 Bust 3000	Heavy Duty Working Pressure 800 Bust 4000
CT-336RYB	CT-P336RYB	CT-H336RYB
CT-360RYB	CT-P360RYB	CT-H360RYB
CT-372RYB	CT-P372RYB	CT-H372RYB

>>> Charging Hose 1/4" SAE with Automatic Shut-Off Valve Fittings

Standard Hose Working Pressure 500 Bust 2500	Premium Hose Working Pressure 600 Bust 3000	Heavy Duty Working Pressure 800 Bust 4000
CT-336RYB-AV	CT-P336RYB-AV	CT-H336RYB-AV
CT-360RYB-AV	CT-P360RYB-AV	CT-H360RYB-AV
CT-372RYB-AV	CT-P372RYB-AV	CT-H372RYB-AV



>>> Charging Hose 1/4" SAE with Manual Shut-Off Valve Fittings

Standard Hose Working Pressure 500 Bust 2500	Premium Hose Working Pressure 600 Bust 3000	Heavy Duty Working Pressure 800 Bust 4000
CT-336RYB-MV	CT-P336RYB-MV	CT-H336RYB-MV
CT-360RYB-MV	CT-P360RYB-MV	CT-H360RYB-MV
CT-372RYB-MV	CT-P372RYB-MV	CT-H372RYB-MV

Single Stage Vacuum Pump

ASIAN FIRST pumps are engineered specifically to meet the needs of the kind of A/C work you're doing today, and to give you trouble-free operation. They stand up to the most grueling conditions and will provide years of reliable service. ASIAN FIRST offers a complete selection of pumps. Regardless of your service requirements, ASIAN FIRST has a model for your application.



Power Supply 110V-60Hz

Type	Vacuum Pump		
Item No.	VP-115	VP-130	VP-150
Free Air Displacement	1.5CFM	3CFM	5CFM
Number Of Stages	1	1	1
Ultimate Vacuum	200 Microns	150 Microns	100 Microns
Rotating Speed (r/min)	1725	1725	1725
Motor	1/4HP	1/3HP	1/2HP

Power Supply 100V-60Hz

Type	Vacuum Pump		
Item No.	VP-115-100	VP-130-100	VP-150-100
Free Air Displacement	1.5CFM	3CFM	5CFM
Number Of Stages	1	1	1
Ultimate Vacuum	200 Microns	150 Microns	100 Microns
Rotating Speed (r/min)	1725	1725	1725
Motor	1/4HP	1/3HP	1/2HP

Acpower Supply Plug for 220V



Power Supply 220V-50~60Hz

Type	Vacuum Pump		
Item No.	VP-115-220	VP-125-220	VP-145-220
Free Air Displacement	1.5CFM	2.5CFM	4.5CFM
Number Of Stages	1	1	1
Ultimate Vacuum	200 Microns	150 Microns	100 Microns
Rotating Speed (r/min)	1450/1750	1450/1750	1450/1750
Motor	1/4HP	1/3HP	1/2HP

Two Stage Vacuum Pump

ASIAN FIRST pumps are engineered specifically to meet the needs of the kind of A/C work you're doing today, and to give you trouble-free operation. They stand up to the most grueling conditions and will provide years of reliable service. ASIAN FIRST offers a complete selection of pumps. Regardless of your service requirements, ASIAN FIRST has a model for your application.



Power Supply 110V-60Hz

Type	Vacuum Pump			
Item No.	VP-215	VP-230	VP-250S	VP-270
Free Air Displacement	1.5CFM	3CFM	5CFM	7CFM
Number Of Stages	2	2	2	2
Ultimate Vacuum	25 Microns	25 Microns	25 Microns	25 Microns
Rotating Speed (r/min)	1725	1725	3450	1725
Motor	1/3HP	1/2HP	1/2HP	3/4HP

Power Supply 100V-60Hz

Type	Vacuum Pump			
Item No.	VP-215-100	VP-230-100	VP-250S-100	VP-260-100
Free Air Displacement	1.5CFM	3CFM	5CFM	6CFM
Number Of Stages	2	2	2	2
Ultimate Vacuum	25 Microns	25 Microns	25 Microns	25 Microns
Rotating Speed (r/min)	1725	1725	3450	1725
Motor	1/3HP	1/2HP	1/2HP	3/4HP

Acpower Supply Plug for 220V



Power Supply 220V-50~60Hz

Type	Vacuum Pump			
Item No.	VP-215-220	VP-225-220	VP-245-220	VP-260-200
Free Air Displacement	1.5CFM	2.5CFM	4.5CFM	6CFM
Number Of Stages	2	2	2	2
Ultimate Vacuum	25 Microns	25 Microns	25 Microns	25 Microns
Rotating Speed (r/min)	1450/1750	1450/1750	2880/3440	2880/3440
Motor	1/3HP	1/2HP	1/2HP	3/4HP

Deluxe Global Fuel Injection Pressure Test Kits



CT-5578

Our fuel injection test kit tests fuel injection systems on all models of engines, such as European, U.S.A. and Japanese cars.

It includes assorted hoses and fittings to adapt to earlier model vehicles as well as current models.

Use it to pinpoint problems in filter lines and regulators.



CT-5678

CT-5578 with safty valves.

Fuel Injection Canister Cleaner

CT-1340

This tool provides the most effective method of cleaning fouled fule injectors.

It's much quicker than aerosol methods, and it works on many models of engines, such as European, U.S.A. and Japanese cars with either low or high pressure systems.

The canister works with all Asian First fuel injection system adapters.



Universal Compression Tester

CT-1621

This professional compression tester kit detects worn rings, burnt valves and blown head gaskets.

Push button side release valve is included which allows repeated testing without disconnecting.



Deluxe Vacuum/Fuel Pump Tester

CT-1622

Tests all vacuum operated devices.

Diagnoses valve leaks, incorrect timing, leaky intake manifold and clogged mufflers.

Can Tap Valves & Adapters

Can Tap Valves



CT-337



CT-338

CT-337

Can: Any size.
Outlet: 1/4" SAE.

CT-338

Can: 12mmx1.5
Outlet: 1/4" SAE.

CT-338J

Can: 14mmx1.5
Outlet: 1/4" SAE.

CT-338JB

Can: 14mmx1.25
Outlet: 1/4" SAE.

CT-338N

Can: 1/4" SAE.
Outlet: 1/4" SAE.

CT-339

Can: 12mmx1.5
Outlet: 1/4" SAE.

CT-339J

Can: 14mmx1.5
Outlet: 10mm

CT-339JB

Can: 14mmx1.25
Outlet: 10mm

Conversion Adapters



CB-ACMEx04

Conversion adapter for R134a 1/2" ACME,
Manifold on connection to 1/4" cylinders.



CB-04x14mm

Conversion adapter for 14mm service,
Couplers on connection to 1/4" hoses.



CB-04xACME

Conversion adapter for R134a 1/4" ACME,
Manifold on connection ACME cylinders.



CB-R410-V

Conversion adapter with auto shut-off valve
for 1/4" hose connector on connector to
5/16" R410 cylinders or system.



CB-R410-04

Conversion adapter for 1/4" hose connector
on connector to 5/16" R410 cylinders or system.

Line Piercing Valves



CT-341

Fit 3/16" thru 3/8" O.D.

Auto Charging Adaperts & Hoses



CT-135



CT-10

1/4" x 1/4"
Swivel adapter



CT-11

1/4" x 3/16"
Swivel adapter



CT-12

1/4" x 1/8"
Swivel adapter



CT-355

1/4" x 1/8" Auto charging hose



CT-356

1/4" x 3/16" Auto charging hose

A/C System Flush Gun



CT-3603

An economical means of flushing contaminants and scale from A/C system components. Includes flush gun, hose, canister & adapter.

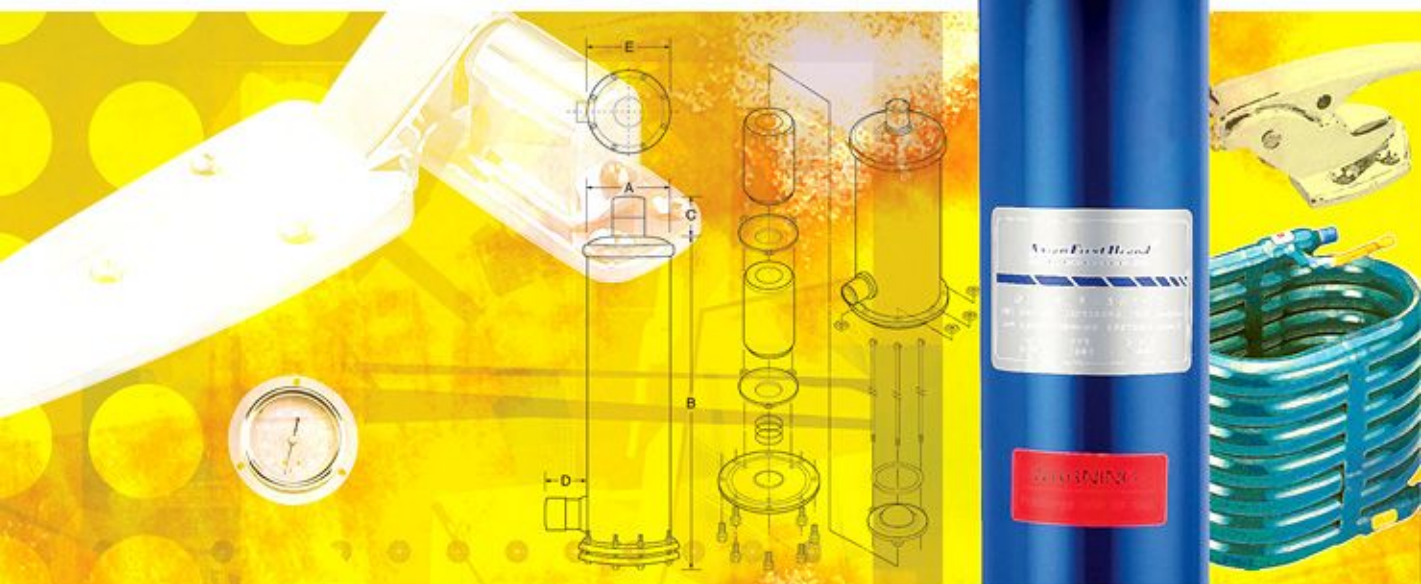


THERMOMETERS >>>

Item No.	Dial Size	Temp. Scale
CT-503-TF	1"	0~220 °F
CT-503-TC	1"	-40~70°C
CT-504-T	1~3/4"	-40~70°C / -40~160 °F



AIR CONDITIONING PRODUCTS



Refrigerant Oil Separators

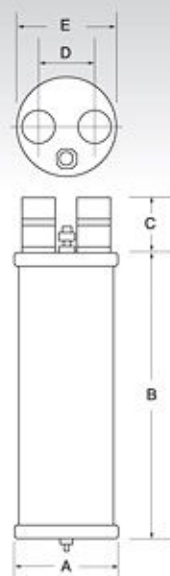


S-5200

S-6200

>>> REFRIGERANT OIL SEPARTORS

Item No.		Dimensions(Inch)					
		Size CONN O.D.S	DIA A	B	C	D	E
S-5200	5201S	1/2	4	8.46	1.19	1.89	4.25
	5201	1/2		9.64	1.18	1.89	4.25
	5202	5/8		13.38	1.38	1.89	4.25
	5203	7/8		16.34	1.58	1.89	4.25
	5204	1 1/8		17.52	1.77	1.89	4.25
	5205	1 3/8		18.70	1.97	1.89	4.25
S-6200	6202	1 1/8	6	15.16	1.77	2.99	6.38
	6203	1 3/8		16.93	1.97	2.99	6.38
	6204	1 5/8		19.93	1.97	2.99	6.38
	6205	2 1/8		19.30	2.4	2.99	6.38



Refrigerant Oil Separators



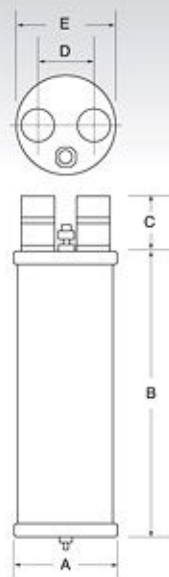
S-5300



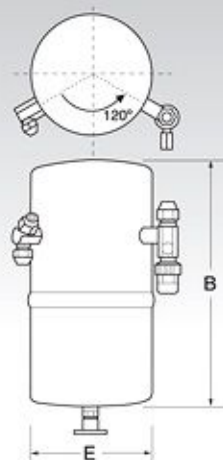
S-6300

>>> REFRIGERANT OIL SEPARATORS

Item No.		Size CONN O.D.S	Dimensions(Inch)				
			DIA A	B	C	D	E
S-5300	5302	1/2	4	10.04	1.19	1.81	5.59
	5303	5/8		13.78	1.38	1.81	5.59
	5304	7/8		16.73	1.58	1.81	5.59
	5305	1 1/8		17.91	1.77	1.81	5.59
	5306	1 3/8		19.09	1.97	1.81	5.59
	5307	1 5/8		19.09	1.97	1.81	5.59
S-6300	6302	1 1/8	6	15.16	1.77	3.03	7.16
	6303	1 3/8		16.93	1.97	3.03	7.16
	6304	1 5/8		19.93	1.97	3.03	7.16
	6305	2 1/8		19.30	2.4	3.03	7.16



Refrigerant Receivers



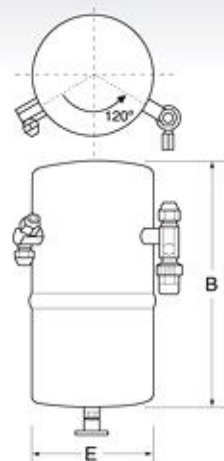
>>> UPWARD OUTLET RECEIVERS

Item No.	Dimensions(Inch)		Dimensions-Inlet		Pump Down Capacity(lbs.)		
	DIA A	B	Inlet	Outlet	R-134a	R-22	R-404a/R-507
CR-101	3.35	7.87	3/8	1/4	2.50	2.40	2.50
CR-102	5.00	10.24	3/8	3/8	6.10	5.80	6.00
CR-103	5.00	11.42	3/8	3/8	7.00	6.70	6.80
CR-104	6.00	13.78	1/2	1/2	10.00	9.50	9.80
CR-105	7.00	16.15	5/8	5/8	14.00	13.20	13.50
CR-106	6.50	23.60	3/4	3/4	17.64	16.63	17.01
CR-107	6.50	27.56	7/8	7/8	20.58	19.40	25.00

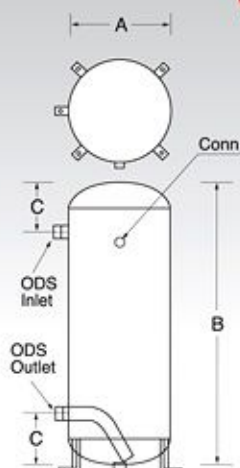


>>> DOWNWARD OUTLET RECEIVERS

Item No.	Dimensions(Inch)		Dimensions-Inlet		Pump Down Capacity(lbs.)		
	DIA A	B	Inlet	Outlet	R-134a	R-22	R-404a/R-507
CR-101D	3.35	7.87	3/8	1/4	2.50	2.40	2.50
CR-102D	5.00	10.24	3/8	3/8	6.10	5.80	6.00
CR-103D	5.00	11.42	3/8	3/8	7.00	6.70	6.80
CR-104D	6.00	13.78	1/2	1/2	10.00	9.50	9.80
CR-105D	7.00	16.15	5/8	5/8	14.00	13.20	13.50

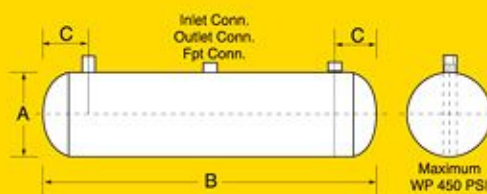


Refrigerant Receivers



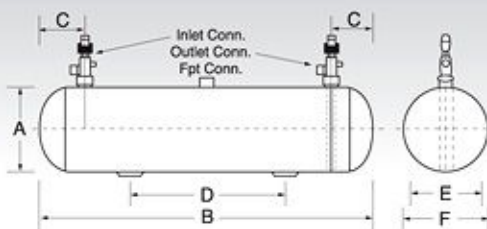
>>> VERTICAL RECEIVERS

Item No.	Dimensions(Inch)						
	A	B	C	D	Conn.	Inlet	Outlet
SCR-06	6.50	21.00	4.00	7.87	1/4	3/4	3/4
SCR-07	6.50	29.50	6.00	7.87	1/4	7/8	7/8
SCR-11	8.50	25.00	5.00	9.65	1/4	1 1/8	1 1/8



>>> HORIZONTAL RECEIVERS

Item No.	Dimensions(Inch)			D	Inlet		Pump Down Capacity(lbs.)			
	DIA A	B	C		Inlet	Outlet	FPT	R-134a	R-22	R-404a R-507
SHR-051	5.5	27.96	4.53	13.78	5/8	5/8	1/4	18.8	18.6	16.2
SHR-052		35.83		17.72	ODS	ODS		24.3	24.0	20.9
SHR-053	6.5	29.93	4.93	13.78	5/8	5/8	1/4	29.2	28.8	25.0
SHR-054		35.83		17.72	ODS	ODS		35.0	34.6	30.1



>>> HORIZONTAL RECEIVERS with BRACKETS VALVES

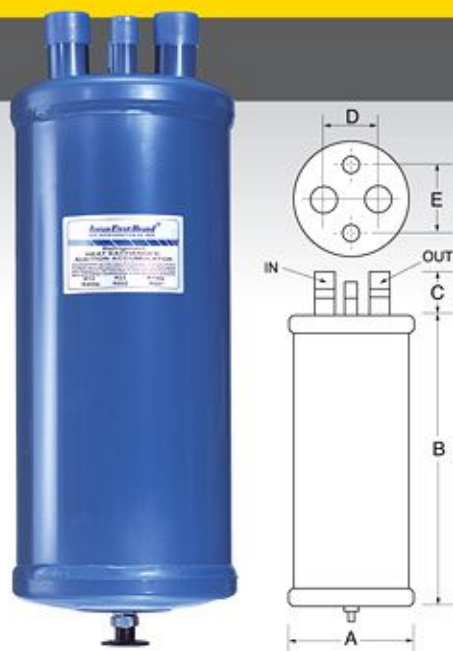
Item No.	Dimensions(Inch)						Inlet		Pump Down Capacity(lbs.)			
	DIA A	B	C	D	E	F	Inlet	Outlet	FPT	R-134a	R-22	R-404a R-507
HR-2528	5.5	27.98	4.53	13.78	5.37	6.54	1/2	1/2	1/4	19	18	19
HR-2635	6.5	35.40	4.93	17.72	5.37	6.54	5/8	5/8	1/4	35	32	34
HR-2836	8.5	35.83	6.10	17.72	7.50	8.66	7/8	7/8	1/4	67	61	44
HR-2840	8.5	39.77	6.89	19.69	7.50	8.66	1 1/8	1 1/8	1/4	74	67	48

Refrigerant Accumulators & Heat Exchangers



>>> REFRIGERANT ACCUMULATORS

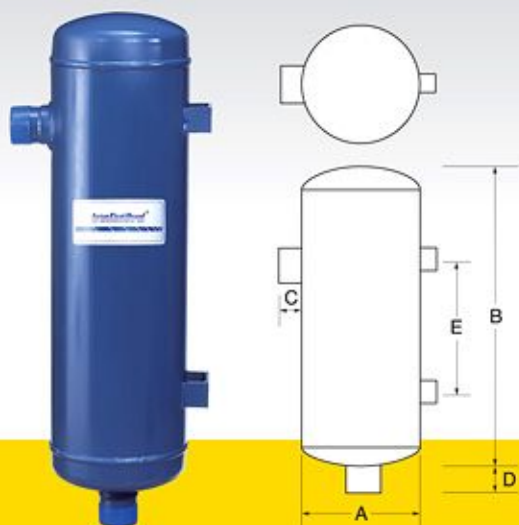
Item No.	Dimensions(Inch)					Refrigerant Holding Cap (LBS, 0°F SAT)		
	Size CONN O.D.S	DIA A	B	C	D	R-134a	R-22	R-404a/R-507
RA-204	1/2	4	8.47	1.38	2.08	3.5	3.3	3.4
RA-205S	5/8	4	8.47	1.38	2.08	3.5	3.3	3.4
RA-205	5/8	4	10.83	1.38	2.12	4.4	4.0	4.2
RA-206	3/4	5.5	10.24	1.58	3.11	6.1	6.8	6.2
RA-207S	7/8	5.5	10.24	1.58	3.11	6.1	6.8	6.2
RA-207	7/8	5.5	12.60	1.58	3.19	9.8	9.0	9.3
RA-208	1 1/8	6.5	15.75	1.96	3.11	14.2	13.3	13.7
RA-209	1 3/8	6.5	20.87	2.16	3.31	21.8	20.5	21.2
RA-210	1 5/8	6.5	22.84	2.36	3.23	23.8	22.6	23.1



>>> REFRIGERANT HEAT EXCHANGER SUCTION ACCUMULATORS

Item No.	Dimensions(Inch)							Maximum Ref Rear Holding Capacity Lbs		
	DIA A	B	C	D	E	SUCTION LINE O.D.S	LIQUID LINE O.D.S	R-134a	R-22	R-404a R-507
SAV-2404	4	8.47	1.38	2.08	2.37	1/2	3/8	3	2.7	2.8
SAV-2405	4	10.83	1.38	2.12	2.37	5/8	3/8	4.4	4	4.2
SAV-2406	5.5	10.24	1.58	3.14	2.72	3/4	1/2	6.5	6	6.1
SAV-2407	5.5	12.60	1.58	3.19	2.72	7/8	1/2	8.5	7.8	8
SAV-2411	6.5	15.75	1.96	3.11	3.74	1 1/8	5/8	13.5	12	12.5
SAV-2413	6.5	20.87	2.16	3.31	3.15	1 3/8	3/4	18	16.5	17
SAV-2415	6.5	22.84	2.36	3.23	3.19	1 5/8	7/8	23	21	22

Refrigerant Accumulators

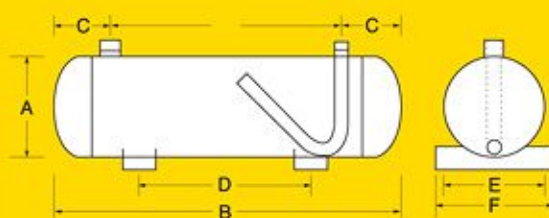


>>> REFRIGERANT ACCUMULATORS

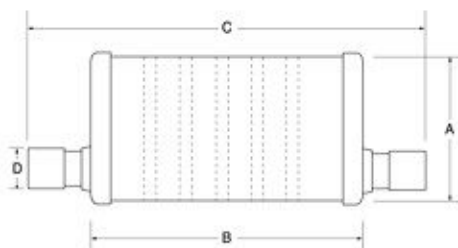
Item No.	Dimensions(Inch)					
	Size CONN O.D.S	DIA A	B	C	D	E
RA-221	2 1/8	8 1/2	29.53	2.36	2.36	16.93
RA-225	2 5/8	8 1/2	33.47	2.95	2.95	16.93
RA-231	3 1/8	10 3/4	27.96	2.85	2.95	16.93

>>> REFRIGERANT ACCUMULATORS

Item No.	Dimensions(Inch)						
	Size CONN O.D.S	DIA A	B	C	D	E	F
SAH-321	2 1/8	8 1/2	29.53	6.89	16.93	7.5	8.66
SAH-325	2 5/8	8 1/2	33.47	6.89	19.71	7.5	8.66
SAH-331	3 1/8	10 3/4	27.98	8.27	16.93	7.5	8.66



Refrigerant Discharge Mufflers



Item No.	Flow Capacity Tons	Dimensions(Inch)			
		DIA A	B	C	D
CM-2203	2	2	5.47	7.36	3/8"
CM-2204	3		5.47	7.36	1/2"
CM-2205	5		5.47	7.36	5/8"
CM-2305	5	3	6.30	7.48	5/8"
CM-2307	7 1/2~10		8.27	11.42	7/8"
CM-2311	10~15		10.24	13.38	1 1/8"
CM-2411	10~15	4	9.65	13.19	1 1/8"
CM-2413	10~25		10.83	14.76	1 3/8"
CM-2425	25~50		14.76	19.09	1 5/8"

Shell & Tube Refrigerant Condensers



>>> SHELL & TUBE REFRIGERANT CONDENSERS

Item No.	Flow Capacity Tons	Copper Tubing Connections		Dimensions(Inch)			Flow Capacity Tons
		Refrigerant Tube Size IN/OUT	Water Tube Size IN/OUT	DIA A	B	C	
ST-6101	1	3/8" SAE	1/2" FPS	6"	10.83	7.32	3/4" ODx72"
ST-6102	2	3/8" SAE	1/2" FPS	6"	12.29	7.32	3/4" ODx118"
ST-6103	3	1/2" SAE	3/4" FPS	8"	14.18	9.09	7/8" ODx175"
ST-6105	5	5/8" SAE	1" FPS	8.5"	20.08	9.65	7/8" ODx348"



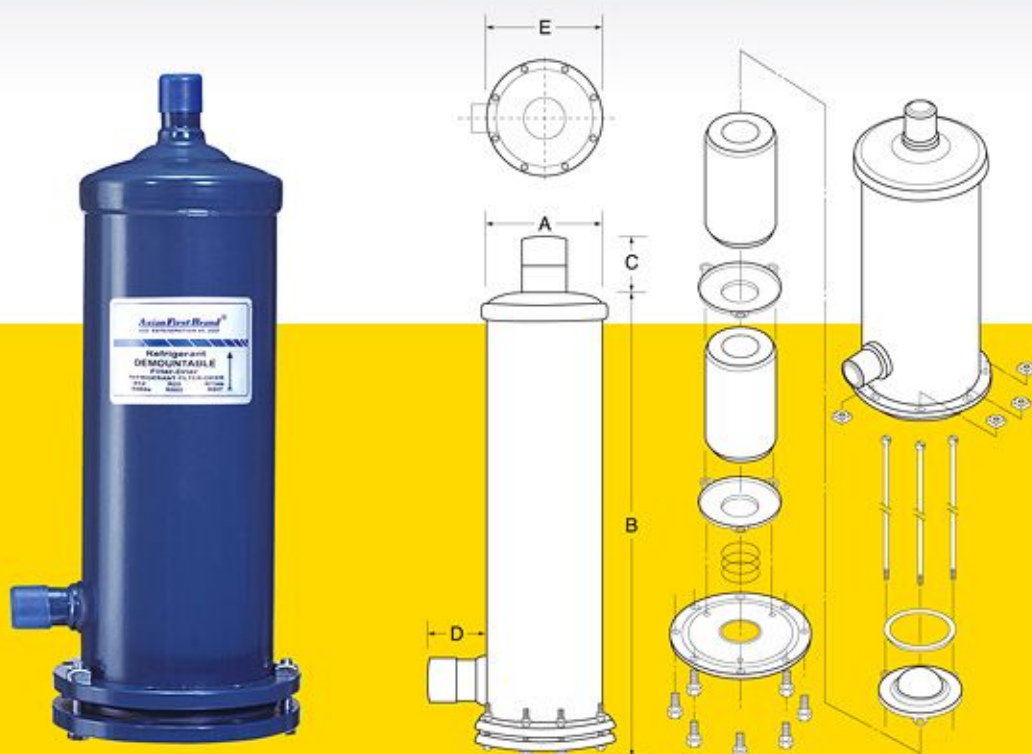
>>> SHELL & TUBE REFRIGERANT CONDENSERS

Item No.	Flow Capacity Tons	Copper Tubing Connections		Dimensions(Inch)			Flow Capacity Tons
		Refrigerant Tube Size IN/OUT	Water Tube Size IN/OUT	DIA A	B	C	
DT-5201	1	1/2" OD	3/4" OD	8"	9.5	6.75	3/4" ODx132"
DT-5202	2	1/2" OD	3/4" OD	8"	11.25	9.5	3/4" ODx138"
DT-5203	3	1/2" OD	7/8" OD	9.5"	12.5	11.5	7/8" ODx175"
DT-5205	5	5/8" OD	7/8" OD	11"	17.25	14.5	7/8" ODx348"

Replaceable Core Type Filter-Driers

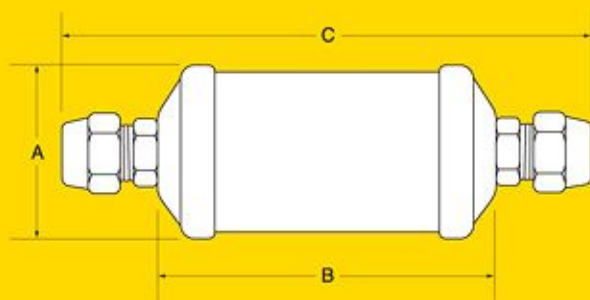
ASIAN FIRST take-apart shell filter-driers offer the flexibility of using either replaceable filter cores as protection against solid contaminants, or replaceable filter-drier blocks for protection against acid, moisture and solids.

They provide high liquid line flow capacities for larger air-conditioning and refrigeration system.



Item No.	Size CONN O.D.S	Dimensions(Inch)				
		DIA A	B	C	D	E
CD-1100	5/8	5	7.88	1.38	1.38	6.10
CD-1101	3/4		7.88	1.58	1.58	
CD-1102	7/8		7.88	1.58	1.58	
CD-1103	1 1/8		7.88	1.77	1.77	
CD-2202	7/8		13.78	1.58	1.58	
CD-2203	1 1/8		13.78	1.77	1.77	
CD-2204	1 3/8		13.78	1.97	1.97	
CD-2205	1 5/8		13.78	1.97	1.97	
CD-2206	2 1/8		13.78	2.40	2.40	
CD-3303	1 1/8		19.30	1.77	1.77	
CD-3304	1 3/8		19.30	1.97	1.97	
CD-3305	1 5/8		19.30	1.97	1.97	
CD-3306	2 1/8		19.30	2.40	2.40	
CD-4404	1 3/8		24.80	1.97	1.97	
CD-4405	1 5/8		24.80	1.97	1.97	
CD-4406	2 1/8		24.80	2.40	2.40	

Refrigerant Filter Drier

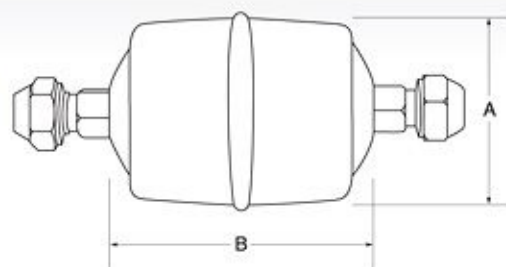


>>> FLARE TYPE FILTER DRIER

Item No.	Connection Size & Type	Dimensions(Inch)		
		DIA A	B	C
CD-052	1/4" O.D.S	2.48	3.15	5.25
CD-053	3/8" O.D.S	2.48	3.15	5.25
CD-083	3/8" O.D.S	2.48	3.95	6.35
CD-084	1/2" O.D.S	2.48	3.95	6.35
CD-163	3/8" O.D.S	2.48	4.72	7.13
CD-164	1/2" O.D.S	2.48	4.72	7.13
CD-165	5/8" O.D.S	2.48	4.72	7.13
CD-304	1/2" O.D.S	3.13	7.09	10.13
CD-305	5/8" O.D.S	3.13	7.09	10.13
CD-306	3/4" O.D.S	3.13	7.09	10.13

>>> SOLDER TYPE FILTER DRIER

Item No.	Connection Size & Type	Dimensions(Inch)		
		DIA A	B	C
CD-052S	1/4" O.D.S	2.48	3.15	5.25
CD-053S	3/8" O.D.S	2.48	3.15	5.25
CD-083S	3/8" O.D.S	2.48	3.95	6.35
CD-084S	1/2" O.D.S	2.48	3.95	6.35
CD-163S	3/8" O.D.S	2.48	4.72	7.13
CD-164S	1/2" O.D.S	2.48	4.72	7.13
CD-165S	5/8" O.D.S	2.48	4.72	7.13
CD-304S	1/2" O.D.S	3.13	7.09	10.13
CD-305S	5/8" O.D.S	3.13	7.09	10.13
CD-306S	3/4" O.D.S	3.13	7.09	10.13
CD-307S	7/8" O.D.S	3.13	7.09	10.13



>>> FLARE TYPE FILTER DRIER

Item No.	Connection Size In	A	B
CT-032	1/4" SAE	1.75	4.19
CT-052	1/4" SAE	2.20	4.75
CT-083	3/8" SAE	2.75	6.06
CT-084	1/2" SAE	2.75	6.06
CT-163	3/8" SAE	3.07	6.94
CT-164	1/2" SAE	3.07	6.94
CT-165	5/8" SAE	3.07	7.25

>>> SOLDER TYPE FILTER DRIER

Item No.	Connection Size In	A	B
CT-032S	1/4" O.D.S	1.75	3.81
CT-052S	1/4" O.D.S	2.20	4.19
CT-083S	3/8" O.D.S	2.75	5.25
CT-084S	1/2" O.D.S	2.75	5.25
CT-163S	3/8" O.D.S	3.07	6.00
CT-164S	1/2" O.D.S	3.07	6.00
CT-165S	5/8" O.D.S	3.07	6.31



>>> REFRIGERANT FILTER DRIER

Item No.	O.D. Flare In	A	B
FT-06	1/4" SAE	1 3/4	7 3/4
FT-10L	3/8" SAE	1 3/4	10 1/2
FT-10S	3/8" SAE	1 3/4	7 3/4
FT-13	1/2" SAE	2 1/2	10 1/2
FT-16	5/8" SAE	2 1/2	10 1/2

Moisture Indicator



>>> FLARE TYPE

Item No.	Tube O.D.
CT-800-04C	1/4" with Two Nuts
CT-800-06C	3/8" with Two Nuts
CT-800-08C	1/2" with Two Nuts
CT-800-10C	5/8" with Two Nuts
CT-800-12C	3/4" with Two Nuts



>>> SOLDER TYPE

Item No.	Tube O.D.
CT-801-04S	1/4" Solder Type
CT-801-06S	3/8" Solder Type
CT-801-08S	1/2" Solder Type
CT-801-10S	5/8" Solder Type
CT-801-12S	3/4" Solder Type



>>> EXTENDED TUBE

Item No.	Solder Type
CT-802-04	1/4" Extended Tube
CT-802-06	3/8" Extended Tube
CT-802-08	1/2" Extended Tube
CT-802-10	5/8" Extended Tube
CT-802-12	3/4" Extended Tube



>>> MALE FEMALE TYPE

Item No.	Male	Female
CT-803-04	1/4"	1/4"
CT-803-06	3/8"	3/8"
CT-803-08	1/2"	1/4"
CT-803-10	5/8"	5/8"
CT-803-12	3/4"	3/4"

Shut Off Valaes



>>>

SHUT OFF VALVE FLARE TYPE

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



>>>

SHUT OFF VALVE SOLDER TYPE

Item No.	Tube O.D.
CT-S-04	1/4"
CT-S-06	3/8"
CT-S-08	1/2"
CT-S-10	5/8"
CT-S-12	3/4"



>>>

CAPPED VALE FLARE TYPE

Item No.	Tube O.D.
CVD-06	3/8"
CVD-08	1/2"



>>>

CAPPED VALE SOLDER TYPE

Item No.	Tube O.D.
CVS-06	3/8"
CVS-08	1/2"



>>>

SPLIT AIR CONDITIONER VALVE

Item No.	Tube O.D.
CT-V-04	1/4"
CT-V-06	1/4" x 3/8"
CT-V-08	1/4" x 1/2"
CT-V-10	1/4" x 5/8"
CT-V-12	1/4" x 3/4"



>>>

RECEIVE VALE

Item No.	Tube O.D.	Pipe Thd In
RV-04 x 04	1/4" SAE	1/4"
RV-04 x 06	1/4" SAE	1/4"
RV-06 x 06	3/8" SAE	3/8"

Refrigerant Gauges



FRG-250
Bellow compound gauge



FRG-500
Bellow pressure gauge



FRG-250GF
Bellow compound gauge filled with oil



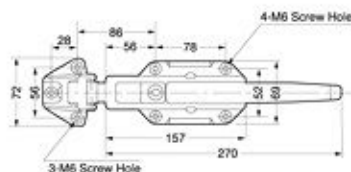
FRG-500GF
Bellow pressure gauge filled with oil

Potential Relays

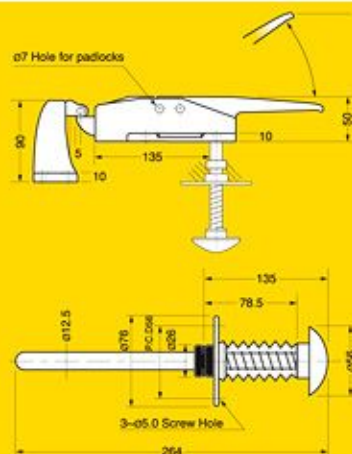


Item No.	H.P.	Volts	Continuous Coil Voltage	Pick-up	Drop Out
AM-A3C2	3/4, 1, 1-1/2, 2	208/230	332	280~309	55~100
AM-A3D3	3/4, 1	230	332	299~327	50~100
AM-A3R3	1/2, 3/4, 1, 1-1/2	115	332	171~184	40~90
AM-A4A3	2, 3, 4, 5	230	502	239~268	60~135
AM-A4D3	1-1/2, 2, 3, 4, 5	230	502	295~324	60~135
AM-A5C2	1/2, 3/4, 1	230	332	278~306	35~77

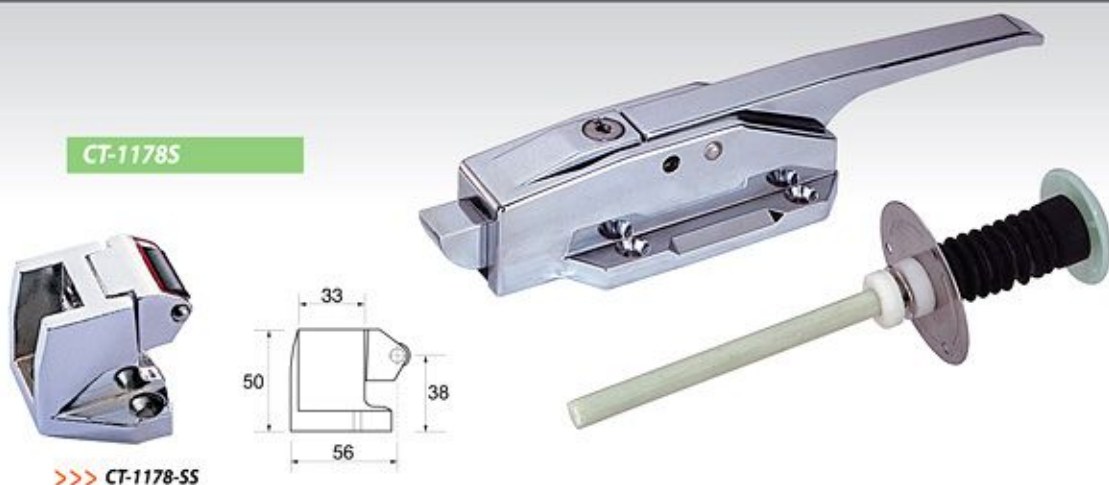
CT-1178



CT-1178N1

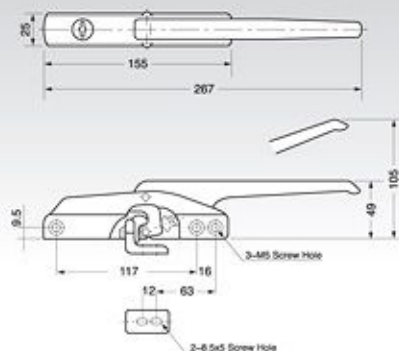


CT-1178S

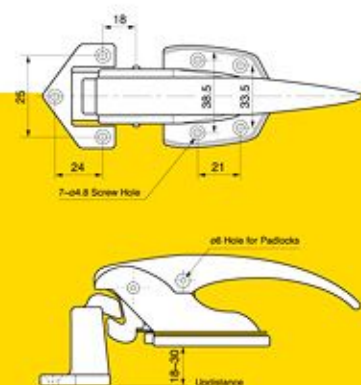


Edgemount Mechanical/ Lever & Roller Latches

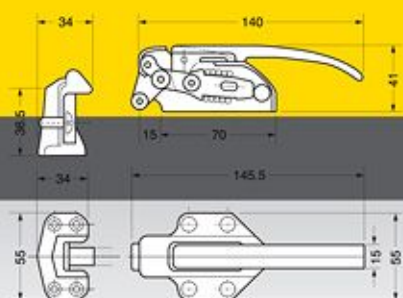
>>> EDGEMOUNT MECHANICAL LATCHES CT-1200B



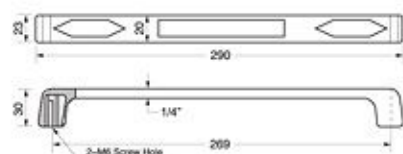
>>> REACH-IN TRIGGER ACTION LATCHES CT-1300



>>> LEVER & ROLLER LATCHES CT-1400B

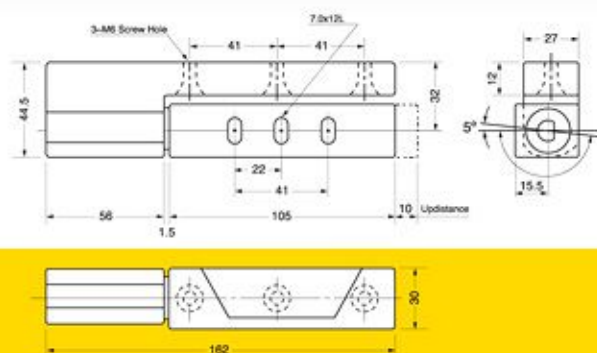


>>> SUPPLEMENTAL HARDWARE CT-1500

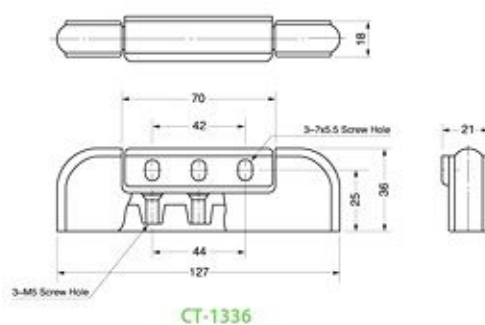
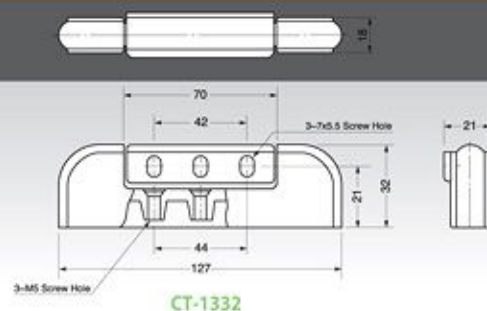


Edgemount Cam-Lift Hinges

>>> EDGEMOUNT CAM-LIFT HINGES **CT-1132**

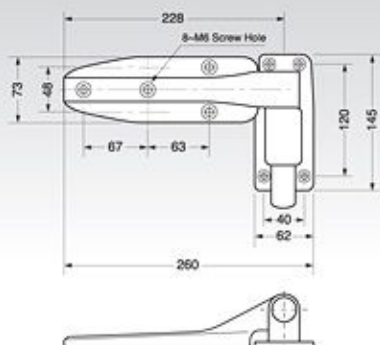


>>> EDGEMOUNT HINGES **CT-1332 & CT-1336**

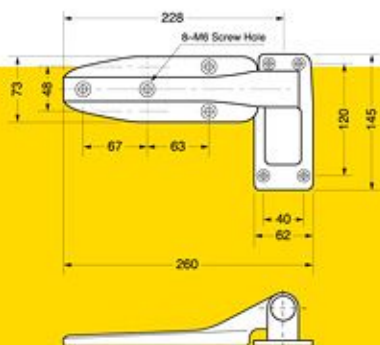


Reversible Cam-Lift Hinges

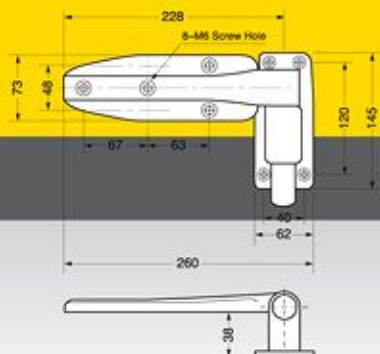
>>> REVERSIBLE CAM-LIFT HINGES CT-1230S



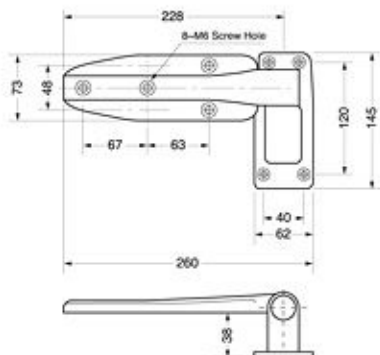
>>> REVERSIBLE CAM-LIFT HINGES CT-1230N



>>> REVERSIBLE CAM-LIFT HINGES CT-1238S



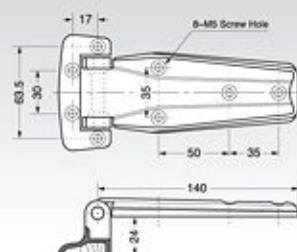
>>> REVERSIBLE CAM-LIFT HINGES CT-1238N



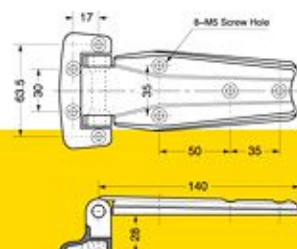
Reach-In Door Hinges



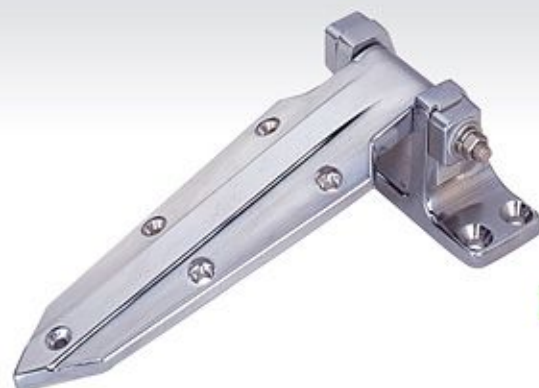
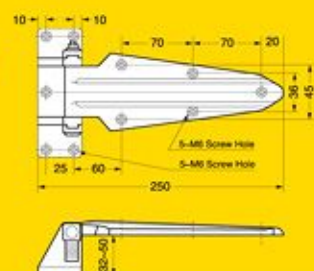
CT-1424



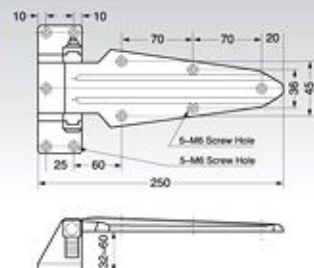
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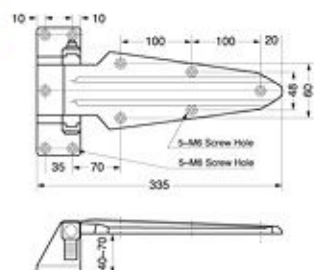
CT-1450



CT-1460

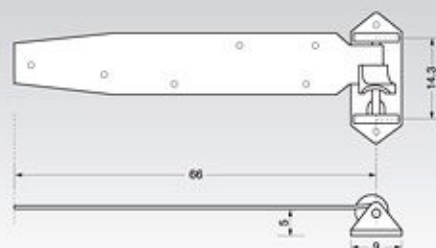


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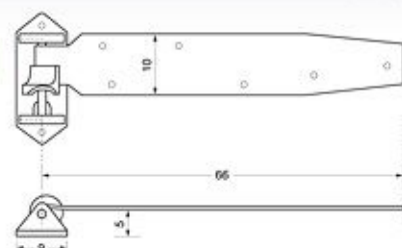


Heavy Duty Hinges

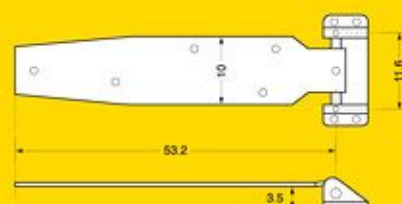
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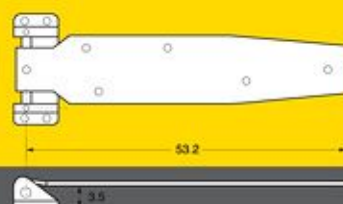
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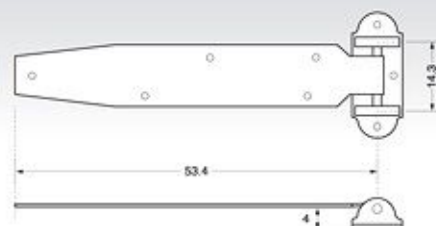
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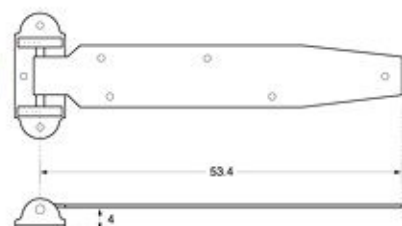
CT-1277L >>>



CT-1075R >>>



CT-1075L >>>



Refrigerant Flared Tube Fittings



>>> FORGED BRASS NUT

Item No.	Tube O.D. Inch
N-04	1/4
N-06	3/8
N-08	1/2
N-10	5/8
N-12	3/4



>>> FLARE NUT

Item No.	Tube O.D. Inch
SN2-04	1/4
SN2-05	5/16
SN2-06	3/8
SN2-08	1/2
SN2-10	5/8
SN2-12	3/4



>>> STRONG FLARE NUT

Item No.	Tube O.D. Inch
SN3-04	1/4
SN3-06	3/8
SN3-08	1/2
SN3-10	5/8
SN3-12	3/4



>>> REDUCING NUT

Item No.	Tube O.D. Inch
SN2-06 x 04	3/8 x 1/4
SN2-08 x 06	1/2 x 3/8
SN2-10 x 08	5/8 x 1/2
SN2-12 x 10	3/4 x 5/8



>>> STRONG REDUCING NUT

Item No.	Tube O.D. Inch
SN3-06 x 04	3/8 x 1/4
SN3-08 x 06	1/2 x 3/8
SN3-10 x 08	5/8 x 1/2
SN3-12 x 10	3/4 x 5/8



>>> CAP NUT

Item No.	Tube O.D. Inch
CN-04	1/4
CN-05	5/16
CN-06	3/8
CN-08	1/2
CN-10	5/8
CN-12	3/4



>>> PLUG

Item No.	Tube O.D. Inch
P-04	1/4
P-05	5/16
P-06	3/8
P-08	1/2
P-10	5/8
P-12	3/4



>>> UNION

Item No.	Tube O.D. Inch
U-04	1/4
U-05	5/16
U-06	3/8
U-08	1/2
U-10	5/8
U-12	3/4



>>> REDUCING UNION

Item No.	Tube O.D. Inch
RU-05 x 04	5/16 x 1/4
RU-06 x 04	3/8 x 1/4
RU-06 x 05	3/8 x 5/16
RU-08 x 04	1/2 x 1/4
RU-08 x 06	1/2 x 3/8
RU-10 x 04	5/8 x 1/4
RU-10 x 06	5/8 x 3/8
RU-10 x 08	5/8 x 1/2
RU-12 x 08	3/4 x 1/2
RU-12 x 10	3/4 x 5/8



>>> FLARE TO SOLDER UNION

Item No.	Tube O.D. Inch
FSU-04 x 04	1/4
FSU-06 x 06	3/8
FSU-08 x 08	1/2
FSU-10 x 10	5/8
FSU-12 x 12	3/4



>>> REDUCER

Item No.	Male End	Female End
R-04 x 04	1/4 x 1/4	
R-04 x 05	1/4 x 5/16	
R-04 x 06	1/4 x 3/8	
R-04 x 08	1/4 x 1/2	
R-04 x 10	1/4 x 5/8	
R-06 x 04	3/8 x 1/4	
R-06 x 05	3/8 x 5/16	
R-06 x 06	3/8 x 3/8	
R-06 x 08	3/8 x 1/2	
R-06 x 10	3/8 x 5/8	
R-08 x 04	1/2 x 1/4	

Item No.	Male End	Female End
R-08 x 06	1/2 x 3/8	
R-08 x 08	1/2 x 1/2	
R-08 x 10	1/2 x 5/8	
R-08 x 12	1/2 x 3/4	
R-10 x 04	5/8 x 1/4	
R-10 x 06	5/8 x 3/8	
R-10 x 08	5/8 x 1/2	
R-10 x 10	5/8 x 5/8	
R-10 x 12	5/8 x 3/4	
R-12 x 08	3/4 x 1/2	
R-12 x 10	3/4 x 5/8	



>>> MULTI-SIZE SOLDER UNION

Item No.	Tube O.D. In.	Pipe Thd. In.
CT-627-04 x 02	1/4	1/8
CT-627-04 x 04	1/4	1/4



>>> MULTI-SIZE SOLDER UNION

Item No.	Tube O.D. In.	Pipe Thd. In.
CT-628-04	1/4	1/8



>>> MALE CONNECTOR

Item No.	Tube O.D. In.	Pipe Thd. In.
MC-04 x 02	1/4 x 1/8	
MC-04 x 04	1/4 x 1/4	
MC-04 x 06	1/4 x 3/8	
MC-04 x 08	1/4 x 1/2	
MC-06 x 04	3/8 x 1/4	
MC-06 x 06	3/8 x 3/8	
MC-06 x 08	3/8 x 1/2	
MC-06 x 12	3/8 x 3/4	
MC-08 x 04	1/2 x 1/4	

Item No.	Tube O.D. In.	Pipe Thd. In.
MC-08 x 06	1/2 x 3/8	
MC-08 x 08	1/2 x 1/2	
MC-08 x 12	1/2 x 3/4	
MC-10 x 04	5/8 x 1/4	
MC-10 x 06	5/8 x 3/8	
MC-10 x 08	5/8 x 1/2	
MC-10 x 10	5/8 x 5/8	
MC-10 x 12	5/8 x 3/4	
MC-12 x 12	3/4 x 3/4	



>>> CYLINDER ADAPTER

Item No.	Male End	Female End
CA-04 x 08	1/4 x 1/2	
CA-04 x 09	1/4 x 9/16	
CA-04 x 10	1/4 x 5/8	
CA-04 x 12	1/4 x 3/4	



>>> FEMALE CONNECTOR

Item No.	Male End	Female End
FC-04 x 02	1/4 x 1/8	
FC-04 x 04	1/4 x 1/4	
FC-04 x 06	1/4 x 3/8	
FC-04 x 08	1/4 x 1/2	
FC-06 x 02	3/8 x 1/8	
FC-06 x 04	3/8 x 1/4	
FC-06 x 06	3/8 x 3/8	
FC-06 x 08	3/8 x 1/2	
FC-08 x 04	1/2 x 1/4	
FC-08 x 06	1/2 x 3/8	
FC-12 x 10	3/4 x 5/8	



>>> UNION ELBOW

Item No.	Tube O.D. Inch
UE-04	1/4 x 1/4
UE-06	3/8 x 3/8
UE-08	1/2 x 1/2
UE-10	5/8 x 5/8



>>> MALE ELBOW

Item No.	Tube O.D. In.	Pipe Thd. In.
ME-04 x 02	1/4	1/8
ME-04 x 04	1/4	1/4



>>> **UNION TEE**

Item No.	Tube O.D. Inch
UT-04	1/4
UT-06	3/8
UT-08	1/2
UT-10	5/8
UT-12	3/4



>>> **CT-640-04**
Flare Cap



>>> **VCR-04**
Valve Core Remover



>>> **TEE**

Item No.	Tube O.D. Inch
CT-682-04	1/4 x 1/4 x 1/4

Item No.	Tube O.D. In.	Pipe Thd. In.
CT-682-04x02	1/4 x 1/4 x 1/8	
CT-682-04x04	1/4 x 1/4 x 1/4	



>>> **FUSIBLE PLUG**

Item No.	Male Pipe Thd.
FP-02	1/8
FP-04	1/4
FP-06	3/8



>>>
REFRIGERANT DRIER
CT-101R 1/4" Inlet x 3/8" Outlet

AIR CONDITIONER FILTER
CT-101N 3/8" Inlet x 3/8" Outlet



>>>
REFRIGERANT DRIER
CT-102R 3/16" & 1/4" Inlet x 1/8" Outlet

AIR CONDITIONER FILTER
CT-102N 1/8" & 1/8" Inlet x 3/8" Outlet



>>>
CAP TUBE with NUTS
CT-900M 90cm Long
CT-1500M 1500cm Long



>>> **SOLDER UNION**

Item No.	Tube O.D. Inch
SU-02	1/8
SU-03	3/16
SU-04	1/4
SU-05	5/16
SU-06	3/8







Auto Grip 3-in-1 Gear Puller



3 Jaws Puller



2 Jaws Puller



Internal Puller

>>> 2&3 JAWS CRV GEAR PULLER

Item No.	Size	Range(mm)	Type
AF-CRV-4	4"	76~102	2&3 jaws
AF-CRV-7	7"	76~178	2&3 jaws

INSTRUCTION:

- 1.The jaws on this gear puller can be changed to operate with 2 or 3 jaws with internal or external pulling action.
- 2.Simply unscrew the knurled screw cap to release spring and jaw cover, unhook the jaws and replace as necessary. Replace cover plate and tighten spring with knurled screw.
- 3.Keep clean and well oiled between uses.
- 4.Do not use it with air wrenches and hydraulic tools.
- 5.Always use eye protection when using this gear puller.

Premium Quality Gear Puller

>>> 2 JAWS GEAR PULLER

Item No.	Size	Range(mm)	Japan Type
AF-CRV-2-03	3"	40~76	2 jaws
AF-CRV-2-04	4"	50~102	2 jaws
AF-CRV-2-05	5"	55~127	2 jaws
AF-CRV-2-06	6"	60~152	2 jaws
AF-CRV-2-08	8"	80~203	2 jaws
AF-CRV-2-10	10"	100~254	2 jaws
AF-CRV-2-12	12"	120~305	2 jaws



PAT.



>>> 3 JAWS GEAR PULLER

Item No.	Size	Range(mm)	Japan Type
AF-CRV-3-03	3"	40~76	3 jaws
AF-CRV-3-04	4"	50~102	3 jaws
AF-CRV-3-05	5"	55~127	3 jaws
AF-CRV-3-06	6"	60~152	3 jaws
AF-CRV-3-08	8"	80~203	3 jaws
AF-CRV-3-10	10"	100~254	3 jaws
AF-CRV-3-12	12"	120~305	3 jaws

>>> GEAR PULLER (SLIDING CARD)

Item No.	Size	Range(mm)	Japan Type
AF-CRV-2-04S	4"	50~102	2 jaws
AF-CRV-2-06S	6"	60~152	2 jaws
AF-CRV-2 in 1-4S	4"	50~102	2&3 jaws
AF-CRV-2 in 1-6S	6"	60~152	2&3 jaws



High Quality Gear Puller

>>> 2 JAWS GERMAN TYPE GEAR PULLER

Item No.	Size	Range(mm)	Type
AF-22/03	3"	40~76	2 jaws
AF-22/04	4"	50~102	2 jaws
AF-22/06	6"	60~152	2 jaws
AF-22/08	8"	80~203	2 jaws
AF-22/10	10"	100~254	2 jaws
AF-22/12	12"	120~305	2 jaws
AF-22/06S	6"	60~152	2 jaws
AF-22/08S	8"	80~203	2 jaws



S Type



S Type

>>> 3 JAWS GERMAN TYPE GEAR PULLER

Item No.	Size	Range(mm)	Type
AF-33/03	3"	40~76	3 jaws
AF-33/04	4"	50~102	3 jaws
AF-33/06	6"	60~152	3 jaws
AF-33/08	8"	80~203	3 jaws
AF-33/10	10"	100~254	3 jaws
AF-33/12	12"	120~305	3 jaws
AF-33/06S	6"	60~152	3 jaws
AF-33/08S	8"	80~203	3 jaws

>>> 2-ARM GEAR PULLER

Item No.	Range(mm)
AF-SG-80	30~80
AF-SG-120	30~120
AF-SG-160	40~160
AF-SG-200	40~200



High Quality Gear Puller

>>> STANDARD 2 JAWS GEAR PULLER

Item No.	Size	Range(mm)	Japan Type
AF-KA-2-03	3"	40~76	2 jaws
AF-KA-2-04	4"	50~102	2 jaws
AF-KA-2-06	6"	60~152	2 jaws
AF-KA-2-08	8"	80~203	2 jaws
AF-KA-2-12	12"	120~305	2 jaws



>>> STANDARD 3 JAWS GEAR PULLER

Item No.	Size	Range(mm)	Japan Type
AF-KA-3-03	3"	40~76	3 jaws
AF-KA-3-04	4"	50~102	3 jaws
AF-KA-3-06	6"	60~152	3 jaws
AF-KA-3-08	8"	80~203	3 jaws
AF-KA-3-12	12"	120~305	3 jaws



>>> STANDARD 2-in-1 GEAR PULLER SET (DOUBLE BLISTER)

Item No.	Size	Range(mm)	Japan Type
AF-KA-2+3D-03	3"	40~76	2&3 JAWS
AF-KA-2+3D-04	4"	50~102	2&3 JAWS



>>> 2&3 JAWS COMBINATION SET

Item No.	Size	Range(mm)	Japan Type
AF-KA-2+3-03	3"	40~76	2&3 jaws
AF-KA-2+3-04	4"	50~102	2&3 jaws
AF-KA-2+3-06	6"	60~152	2&3 jaws



>>> 3 JAWS GEAR PULLER SET

Item No.	Size	Range(mm)	Japan Type
AF-KA-3P	3"	40~76	3 jaws
	4"	50~102	3 jaws
	6"	60~152	3 jaws
AF-KA-4P	3"	40~76	3 jaws
	4"	50~102	3 jaws
	6"	60~152	3 jaws
	8"	80~203	3 jaws

>>> ARMATURE BEARING PULLER

Item No.	Range(mm)
AF-AB-1	19~35
AF-AB-2	24~55
AF-AB-3	35~80



>>> BEARING PULLER SET

Item No.	Range(mm)
AF-140	0~170



>>> TRANSMISSION BEARING PULLER SET

Item No.	Range(mm)
AF-270A	75~170

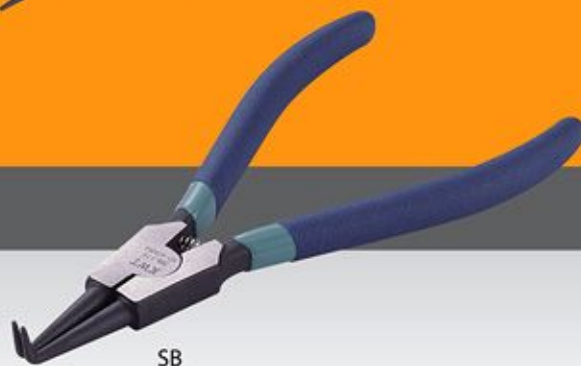
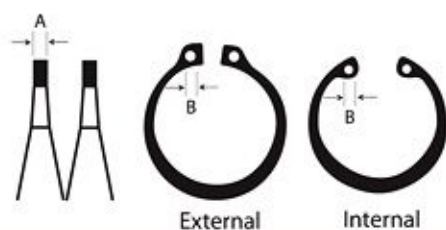


>>> BALL JOINT SEPARATOR

Item No.	Range(mm)
AF-K-1954	Japan Type
AF-K-3056	30~56 Europe Type



CR-V Snapping Pliers



Item No.	Size	A	B	Range(mm)
AF-SS-125F	5"	0.7	0.7~1.7	3~15
AF-SB-125F	5"	0.7	0.7~1.7	3~15
AF-HS-125F	5"	0.7	0.7~1.7	6~15
AF-HB-125F	5"	0.7	0.7~1.7	6~15
AF-SS-175	7"	1.8	2.0~2.5	10~40
AF-SB-175	7"	1.8	2.0~2.5	10~40
AF-HS-175	7"	1.8	2.0~2.5	12~65
AF-HB-175	7"	1.8	2.0~2.5	12~65
AF-SS-230	9"	2.3	2.5~3.0	32~80
AF-SB-230	9"	2.3	2.5~3.0	32~80
AF-HS-230	9"	2.3	2.5~3.0	32~80
AF-HB-230	9"	2.3	2.5~3.0	32~80

DOUBLE RATCHET WRENCH >>>

Item No.	Length(mm)	Size(mm)	Item No.	Length(mm)	Size(mm)
AF-KC-1011	220	10x11	AF-KC-2127	350	21x27
AF-KC-1012	220	10x12	AF-KC-2224	350	22x24
AF-KC-1013	220	10x13	AF-KC-2326	350	23x26
AF-KC-1113	220	11x13	AF-KC-2427	350	24x27
AF-KC-1214	220	12x14	AF-KC-2629	400	26x29
AF-KC-1417	260	14x17	AF-KC-2430	400	24x30
AF-KC-1719	305	17x19	AF-KC-2730	400	27x30
AF-KC-1721	305	17x21	AF-KC-2632	400	26x32
AF-KC-1921	305	19x21	AF-KC-2732	400	27x32
AF-KC-1922	305	19x22	AF-KC-3235	440	32x35
AF-KC-2123	350	21x23	AF-KC-3236	440	32x36
AF-KC-2126	350	21x26	AF-KC-3238	440	32x38



SINGLE OFFSET WRENCH >>>

Item No.	Length(mm)	Size(mm)	Item No.	Length(mm)	Size(mm)
AF-KP-17	335	17	AF-KP-32	420	32
AF-KP-19	335	19	AF-KP-35	470	35
AF-KP-21	355	21	AF-KP-36	470	36
AF-KP-22	355	22	AF-KP-38	470	38
AF-KP-23	355	23	AF-KP-41	510	41
AF-KP-24	395	24	AF-KP-46	545	46
AF-KP-26	395	26	AF-KP-50	545	50
AF-KP-27	410	27	AF-KP-55	620	55
AF-KP-29	410	29	AF-KP-58	620	58
AF-KP-30	420	30	AF-KP-60	620	60





>>> SLUGGING RING WRENCH

Item No.	Length(mm)	Size(mm)	Item No.	Length(mm)	Size(mm)
AF-KC-22	165	22	AF-KC-55	270	55
AF-KC-24	165	24	AF-KC-58	270	58
AF-KC-27	190	27	AF-KC-60	290	60
AF-KC-30	190	30	AF-KC-63	290	63
AF-KC-32	200	32	AF-KC-65	290	65
AF-KC-34	200	34	AF-KC-70	320	70
AF-KC-35	200	35	AF-KC-75	320	75
AF-KC-36	210	36	AF-KC-80	360	80
AF-KC-38	210	38	AF-KC-85	360	85
AF-KC-41	230	41	AF-KC-90	400	90
AF-KC-46	250	46	AF-KC-95	400	95
AF-KC-50	250	50	AF-KC-100	400	100
AF-KC-54	270	54	• Life-Time Warranty		



>>> STRIKING OPEN SPANNER

Item No.	Length(mm)	Size(mm)
AF-32	200	32
AF-35	200	35
AF-36	200	36
AF-38	230	38
AF-41	230	41
AF-46	270	46
AF-50	270	50



>>> SINGLE OPEN END WRENCH

Item No.	Length(mm)	Size(mm)
AF-OP-23	230	23
AF-OP-24	230	24
AF-OP-26	260	26
AF-OP-27	260	27
AF-OP-29	260	29
AF-OP-30	280	30
AF-OP-32	280	32
AF-OP-35	316	35
AF-OP-36	316	36
AF-OP-38	316	38
AF-OP-41	355	41
AF-OP-46	422	46
AF-OP-50	422	50



CR-V COMBINATION WRENCH >>>

Item No.	Length(mm)	Size(mm)	Item No.	Length(mm)	Size(mm)	Item No.	Length(mm)	Size(inch)
AF-CN-6	110	6	AF-CN-29	340	29	AF-CN-1/4	110	1/4
AF-CN-7	110	7	AF-CN-30	340	30	AF-CN-5/16	120	5/16
AF-CN-8	120	8	AF-CN-31	360	31	AF-CN-3/8	140	3/8
AF-CN-9	130	9	AF-CN-32	360	32	AF-CN-7/16	150	7/16
AF-CN-10	140	10	AF-CN-33	360	33	AF-CN-1/2	170	1/2
AF-CN-11	150	11	AF-CN-34	490	34	AF-CN-9/16	180	9/16
AF-CN-12	160	12	AF-CN-35	490	35	AF-CN-5/8	200	5/8
AF-CN-13	170	13	AF-CN-36	490	36	AF-CN-11/16	220	11/16
AF-CN-14	180	14	AF-CN-38	490	38	AF-CN-3/4	230	3/4
AF-CN-15	190	15				AF-CN-13/16	250	13/16
AF-CN-16	200	16	Item No.	Size(mm)		AF-CN-7/8	260	7/8
AF-CN-17	210	17	AF-8-819M	8.10.11.12.13.14.17.19		AF-CN-15/16	280	15/16
AF-CN-18	220	18	AF-11-821M	8.9.10.11.12.13.14.15.17.19.21		AF-CN-1	300	1
AF-CN-19	230	19	AF-11-824M	8.9.10.11.12.13.14.17.19.21.24		AF-CN-1-1/16	320	1-1/16
AF-CN-20	240	20				AF-CN-1-1/8	340	1-1/8
AF-CN-21	250	21	AF-14-824M	8.10.11.12.13.14.15.16.17.18.19.21.22.24		AF-CN-1-1/4	360	1-1/4
AF-CN-22	260	22	AF-14-832M	8.10.11.12.13.14.15.17.19.22.24.27.30.32				
AF-CN-23	280	23	AF-17-824M	8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24		Item No.	Size(inch)	
AF-CN-24	280	24				AF-11-INCH	5/16. 3/8. 7/16. 1/2. 9/16. 5/8. 11/16. 3/4. 13/16. 7/8. 1	
AF-CN-25	300	25				AF-14-INCH	3/8. 7/16. 1/2. 9/16. 5/8. 11/16. 3/4. 13/16. 7/8. 1. 1-1/16. 1-1/8. 1-1/4	
AF-CN-26	300	26						
AF-CN-27	320	27						
AF-CN-28	320	28						



CR-V OFFSET WRENCH >>>

Item No.	Length(mm)	Size(mm)	Item No.	Length(mm)	Size(mm)	Item No.	Size(mm)
AF-OS-6x7	150	6x7	AF-OS-21x23	335	21x23	AF-OS-6001	8x9. 10x11. 12x13 14x15. 16x17. 18x19
AF-OS-6x8	150	6x8	AF-OS-22x24	335	22x24	AF-OS-6002	8x10. 10x12. 12x14 14x17. 17x19. 19x21
AF-OS-8x9	175	8x9	AF-OS-23x26	362	23x26	AF-OS-6003	10x12. 12x14. 14x17 17x19. 19x21. 23x26
AF-OS-8x10	175	8x10	AF-OS-24x27	362	24x27	AF-OS-8001	8x10. 10x12. 11x13 12x14. 14x17. 17x19 19x21. 21x23
AF-OS-10x11	190	10x11	AF-OS-25x28	370	25x28	AF-OS-8002	8x9. 10x11. 12x13 14x15. 16x17. 18x19 19x21. 22x24
AF-OS-10x12	190	10x12	AF-OS-26x29	370	26x29	AF-OS-8002T	8x9. 10x11. 12x13. 14x15. 16x17. 18x19 21x23. 22x24
AF-OS-11x13	220	11x13	AF-OS-26x32	370	26x32	AF-OS-8004	6x7. 8x9. 10x11. 12x13 14x15. 16x17. 18x19 20x22
AF-OS-12x13	220	12x13	AF-OS-27x30	370	27x30	AF-OS-1201	8x9. 10x11. 10x12. 12x13. 14x15. 16x17 18x19. 21x23. 22x24 24x27. 26x29. 30x32
AF-OS-12x14	220	12x14	AF-OS-29x32	395	29x32	AF-OS-1202	6x7. 8x9. 10x11. 12x13 14x15. 16x17. 18x19 20x22. 21x23. 24x27 25x28. 30x32
AF-OS-14x15	250	14x15	AF-OS-30x32	395	30x32		
AF-OS-14x17	250	14x17	AF-OS-32x35	395	32x35		
AF-OS-16x17	265	16x17	AF-OS-32x36	395	32x36		
AF-OS-17x19	280	17x19	AF-OS-32x38	395	32x38		
AF-OS-18x19	280	18x19	AF-OS-35x41	470	35x41		
AF-OS-19x21	318	19x21	AF-OS-36x41	470	36x41		
AF-OS-20x22	318	20x22	AF-OS-36x42	470	36x42		



CR-V OPEN END WRENCH >>>

Item No.	Length(mm)	Size(mm)	Item No.	Length(mm)	Size(mm)	Item No.	Size(mm)
AF-OE-6x7	110	6x7	AF-OE-20x22	200	20x22	AF-OE-6001	8x9, 10x12, 12x14 14x17, 17x19, 21x23
AF-OE-6x8	110	6x8	AF-OE-21x23	215	21x23	AF-OE-8001	6x7, 8x9, 10x11, 12x13 14x15, 16x17, 18x19 20x22
AF-OE-8x9	115	8x9	AF-OE-22x24	218	22x24	AF-OE-1201	6x7, 8x9, 10x11, 12x13 14x15, 16x17, 18x19 20x22, 21x23, 24x27 25x28, 30x32
AF-OE-8x10	115	8x10	AF-OE-23x26	230	23x26		
AF-OE-10x11	130	10x11	AF-OE-24x27	230	24x27		
AF-OE-10x12	130	10x12	AF-OE-25x28	230	25x28		
AF-OE-11x13	145	11x13	AF-OE-26x29	280	26x29		
AF-OE-12x13	145	12x13	AF-OE-26x32	280	26x32		
AF-OE-12x14	140	12x14	AF-OE-27x30	280	27x30		
AF-OE-14x15	165	14x15	AF-OE-29x32	275	29x32		
AF-OE-14x17	165	14x17	AF-OE-30x32	280	30x32		
AF-OE-16x17	165	16x17	AF-OE-32x35	320	32x35		
AF-OE-17x19	185	17x19	AF-OE-32x36	320	32x36		
AF-OE-18x19	185	18x19	AF-OE-32x38	320	32x38		
AF-OE-19x21	200	19x21					



>>> **TORQUE WRENCH**

Item No.	Specification
CT-188S-17	17mmx180kg/cm
CT-188S-22	22mmx420kg/cm
CT-188S-24	24mmx550kg/cm
CT-188S-26	26mmx550kg/cm
CT-188S-27	27mmx650kg/cm
CT-188S-29	29mmx650kg/cm

CT-188S >>>

17mmx180kg/cm 22mmx420kg/cm
24mmx550kg/cm 27mmx650kg/cm

CT-188S-R410

17mmx180kg/cm 22mmx420kg/cm
26mmx550kg/cm 29mmx650kg/cm

CT-188S-R4

26mmx550kg/cm 29mmx650kg/cm



>>> **CT-HS0830 SOCKETS for 1/2"**

Item No.	Size (mm)	Item No.	Size (mm)
CT-HS0808	8	CT-HS0819	19
CT-HS0809	9	CT-HS0820	20
CT-HS0810	10	CT-HS0821	21
CT-HS0811	11	CT-HS0822	22
CT-HS0812	12	CT-HS0823	23
CT-HS0813	13	CT-HS0824	24
CT-HS0814	14	CT-HS0826	26
CT-HS0815	15	CT-HS0827	27
CT-HS0816	16	CT-HS0829	29
CT-HS0817	17	CT-HS0830	30
CT-HS0818	18	CT-HS0832	32



- >>> **CT-122**
Ratchet Wrench-Standard Type
 Cover 4 Size 1/4", 3/8", 3/16", 5/16"
 Square Ratchet.

- >>> **CT-123L**
Ratchet Wrench-Heavy Type
 Cover 4 Size 9/16", 1/2" Hex, 1/4", 3/16"
 Square Ratchet.



- >>> **CT-3405**
Universal Adjustable Spanner Wrench



- >>> **CT-351**
Fin Straightener
 For 8", 9", 10", 12", 14" & 15"
 Spacings per inch.



- >>> **CT-352**
Stainless Steel
Fin Straightener



- >>> **CT-352L**
Stainless Steel
Fin Straightener



▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ **Asian First Brand[®]**

Engineered to serve you better

Asian First Refrigeration Corporation

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