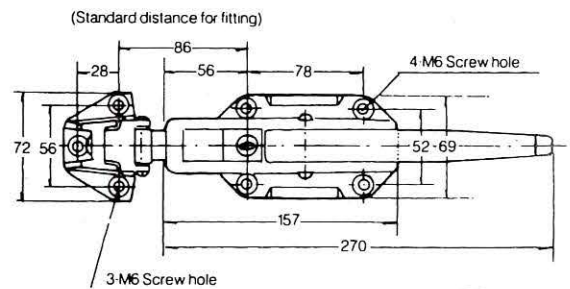
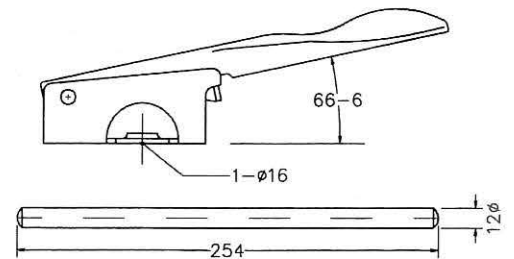


## YF-838 COOL ROOM HANDLE

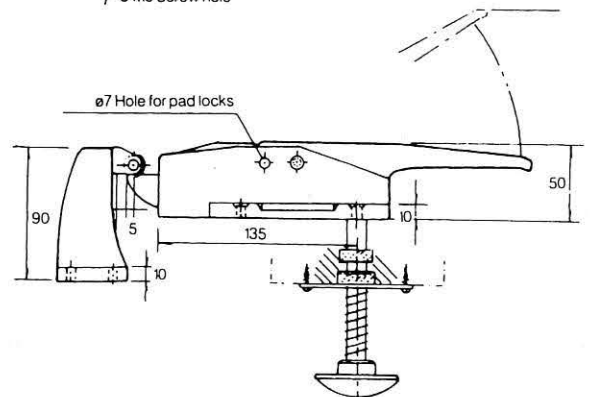
Material : High pressure die-cast zinc.  
 Finish : Highly polished chrome plated.

Packing : 1 body and strike per box. then 4 boxes per carton.  
 Offset : Adjustable height from 40.0mm to 58.0mm.  
 Action : Door of big or medium refrigerator.



## YF-601 COOL ROOM HANDLE

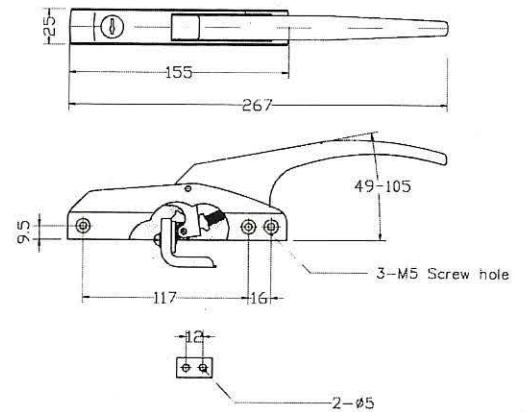
1. Material : High pressure die-cast zinc.
  2. Finish : Highly polished chrome plated.
  3. Packing : 1 body and strike per box. then 10 boxes per carton.
- Offset : Adjustable height from 45.0mm to 70.0mm.  
 Action : Door of big or medium refrigerator.





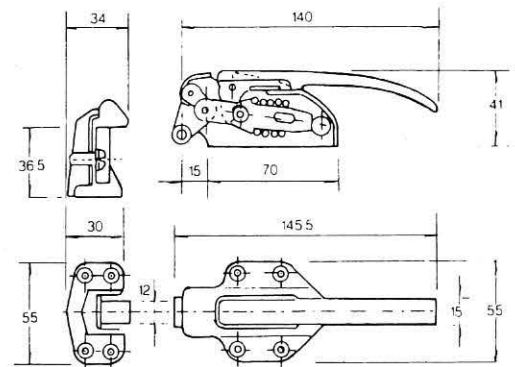
## YF-311 HANDLE

Material : High pressure die-cast zinc.  
 Finish : Highly polished chrome plated.  
 Packing : 1 body and strike per box, then 50 boxes per carton.  
 Offset : Standard strike adjustable from 18.0mm to 22.0mm.  
 Action : Door of big or medium refrigerator.



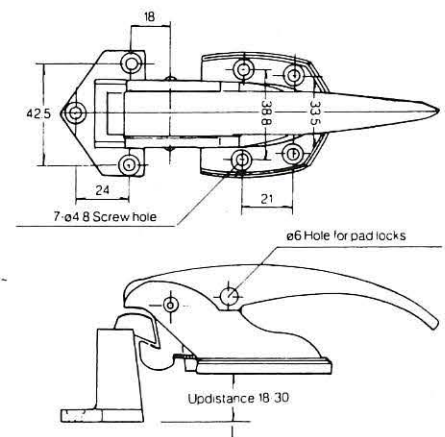
## YF-101 HANDLE

Material : High pressure die-cast zinc.  
 Finish : Highly polished chrome plated.  
 Packing : 50 pcs per carton.  
 Offset : Adjustable height from 18.0mm to 32.0mm.  
 Action : Door of small or medium refrigerator.



## YF-1300 HANDLE

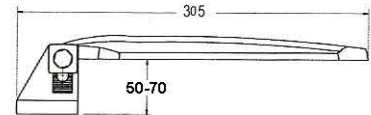
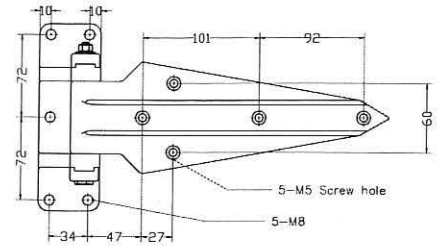
Material : High pressure die-cast zinc.  
 Finish : Highly polished chrome plated.  
 Packing : 50 pcs per carton.  
 Offset : Adjustable height from 18.0mm to 32.0mm.  
 Action : Door of small or medium refrigerator.





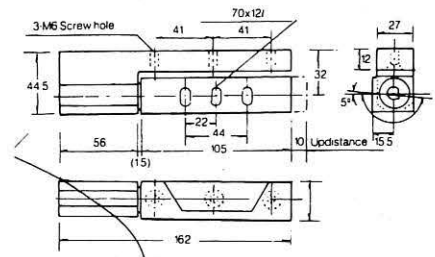
**YF-612**  
**HINGES**

Material : High pressure die-cast zinc.  
 Finish : Highly polished chrome plated.  
 Packing : 5 pairs per carton.  
 Action : Door of medium refrigerator.  
 Offset : Adjustable height.  
 form 50 mm to 70 mm  
 Speciality : Can be used for left or right door.



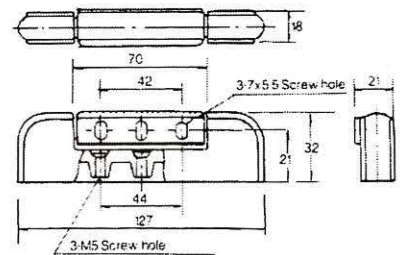
**YF-1132**  
**HINGES**

Material : High pressure die-cas. zinc.  
 Finish : Highly polished chrome plated.  
 Packing : 50 pcs (25 pairs) per carton.  
 Speciality : Self-closing, cam-lift hing of left or right doors, automatic  
 close within 95° angle or stay open beyond 120° angle.  
 Action : Light dor of big or medium refrigerator.



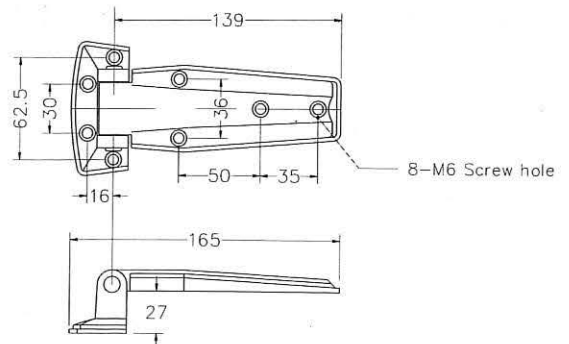
**YF-302**  
**HINGES**

Material : High pressure die-cast zinc.  
 Finish : Highly polished chrome plated.  
 Packing : 100 pcs per carton.  
 Speciality : install for left or right door.  
 Action : Various doors.



**YF-102**  
**HINGES**

Material : High pressure die-cast zinc.  
 Finish : Highly polished chrome plated.  
 Packing : 100 pcs (50 pairs) per carton.  
 Speciality : Install for left or right door.  
 Action : Various doors.





### HAND VALVE FLARE

- SVD-04-1/4"
- SVD-06-3/8"
- SVD-08-1/2"
- SVD-10-5/8"
- SVD-12-3/4"



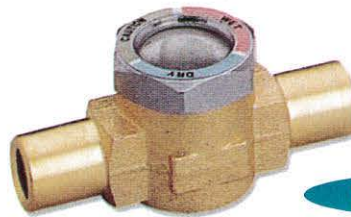
### HAND VALVE SOLDER

- ODS-04-1/4"
- ODS-06-3/8"
- ODS-08-1/2"
- ODS-10-5/8"
- ODS-12-3/4"
- ODS-14-7/8"



### SIGHT GLASS FLARE TYPE

- SG-04-1/4"
- SG-06-3/8"
- SG-08-1/2"
- SG-10-5/8"
- SG-12-3/4"



### SOLDER TYPE

- SG-04S-1/4"
- SG-06S-3/8"
- SG-08S-1/2"
- SG-10S-5/8"
- SG-12S-3/4"
- SG-14S-7/8"

### SOLDER UNION

With 6cm or 10cm Extension cooper tube.

- SU-02 1/8"O.D.
- SU-03 3/16"O.D.
- SU-04 1/4"O.D.
- SU-05 5/16"O.D.
- SU-06 3/8"O.D.



- SU1-04 1/4"MFx1/4"FF
- SU1-06 3/8"MFx3/8"FF
- SU1-08 1/2"MFx1/2"FF
- SU1-10 5/8"MFx5/8"FF



### GLOBE VALVE

- GV-07 7/8"O.D.
- GV-11 1-1/8"O.D.
- GV-13 1-3/8"O.D.
- GV-15 1-5/8"O.D.

### RECEIVER VALVE

- RV-04 x 04
- 1/4 SAE x 1/4 NPT
- RV-04 x 06
- 1/4 SAE x 3/8 NPT
- RV-06 x 06
- 3/8 SAE x 3/8 NPT



## REGULATOR

**YF-70V**



High Pressure Regulators Specification	
Model	HPR-70V
Material	Brass
Material of Seat	PCTFE
Inlet	BS341-3
Outlet	G3/8
Inlet Pressure Gauge (kg/cm <sup>2</sup> )	280
Outlet Pressure Gauge (kg/cm <sup>2</sup> )	70
Max. Inlet Pressure (Bar)	150 kg/cm <sup>2</sup>
Working Pressure (Bar)	0 ~ 40 kg/cm <sup>2</sup>
Working Temperature	-10 ~ 80 °C
Gas Used	N <sub>2</sub>

*Wheel turns counterclockwise can raise pressure*

## SPLIT AIR-CONDITIONER VALVE



**SA-04 1/4"**

2 way valve  
1/4" inlet  
1/4" flare outlet

**SA-06 3/8"**

**SA-08 1/2"**

**SA-10 5/8"**

3 way valve  
3/8" or 1/2" or 5/8" inlet  
3/8" or 1/2" or 5/8" flare outlet  
1/4" charging inlet with  
valve core



## COMPRESSOR VALVE



**CV-307**

Solder-type-forged brass body, the maximum working pressure is 500PSI, Tube Size : 3/4", 7/8", 1-1/8", the parts include one asbestos pad, two bolts.

## CAN TAP VALVE

**YF-337**

Steel body, zinc handle, clamp type fits for flat and every kind connection thread refrigerant can.



## DIY SIMPLE MANIFOLD SET

This kit including 1 can tap valve(YF-337), 2 charging hoses 1 pressure gauge and 1 brass type single valve(466G)

**YF-D134**

For R12 R22 R134 R404

**YF-D410**

For R410A R32

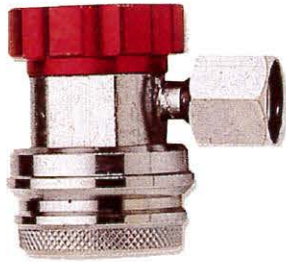


## CORE TOOL

**YF-1213**



## ADJUSTABLE QUICK COUPLER



**QC-23H**

High pressure quick couplers fitted with 14mm female thread.



**QC-23L**

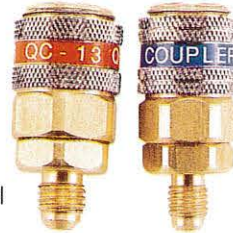
Low pressure quick couplers fitted with 14mm female thread.

## QUICK COUPLER



**QC-12**

High pressure & low pressure quick couplers fitted with 1/4" SAE.



**QC-13**

High pressure & low pressure quick couplers fitted with M12 x 1.75, M10 x 1.5

## CHARGING HOSE



### FOR R12 R22 R134A R404

1/4" SAE connection. 3000 PSI burst 600 PSI max W.P.

**YF-336RYB** 3pcs 36" hose set.

**YF-360RYB** 3pcs 60" hose set.

**YF-372RYB** 3pcs 72" hose set.

\*\*\*Special lengtal Charging hose are also available.\*\*\*



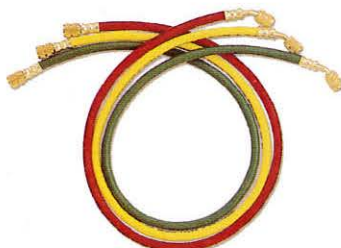
### FOR R410A R32

1/4" & 5/16 SAE connection. 4000 PSI burst 870 PSI max W.P.

**YF-336RYB-410** 3pcs 36" hose set.

**YF-360RYB-410** 3pcs 60" hose set.

**YF-372RYB-410** 3pcs 72" hose set.



### FOR 1/2" ACME

1/2" ACME connection

**YF-336RYG-S** 3pcs 36" hose set.

**YF-360RYG-S** 3pcs 60" hose set.

**YF-372RYG-S** 3pcs 72" hose set.

## AUTO SHUT-OFF ADAPTER

FLARE TYPE



ACME TYPE



- AA-04x04 1/4"M.F. x 1/4"F.F.
- AA-04x05 1/4"M.F. x 5/16"F.F.
- AA-04x08 1/4"M.F. x 1/2"ACME
- AA-05x04 5/16"M.F. x 1/4"F.F.
- AA-05x05 5/16"M.F. x 5/16"F.F.

- AA-08x04 1/2"ACME x 1/4"F.F.
- AA-08x08 1/2"ACME x 1/2"ACME

- AA-04x04L 1/4"M.F. x 1/4"F.F.
- AA-04x05L 1/4"M.F. x 5/16"F.F.
- AA-04x08L 1/4"M.F. x 1/2"ACME
- AA-05x04L 5/16"M.F. x 1/4"F.F.
- AA-05x05L 5/16"M.F. x 5/16"F.F.
- AA-08x04L 1/2"ACME x 1/4"F.F.

## HOSE ADAPTER



- HA-04Mx05F 1/4"M.F. x 5/16"F.F.
- HA-05Mx04F 5/16"M.F. x 1/4"F.F.

## SHUT-OFF BALL VALVE



- S-04Mx04F 1/4"M.F. x 1/4"F.F.
- S-04Mx05F 1/4"M.F. x 5/16"F.F.
- S-05Mx04F 5/16"M.F. x 1/4"F.F.
- S-05Mx05F 5/16"M.F. x 5/16"F.F.

## HOSE WITH SHUT-OFF VALVE



15cm hose for R22 R134 R404...etc

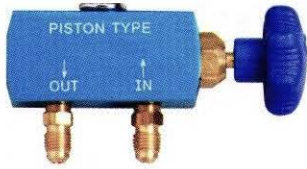
- HS-R/Y/B-04Mx04F 1/4"M.F. x 1/4"F.F.
- HS-R/Y/B-04Mx05F 1/4"M.F. x 5/16"F.F.
- HS-R/Y/B-05Mx05F 5/16"M.F. x 1/4"F.F.
- HS-R/Y/B-05Mx04F 5/16"M.F. x 5/16"F.F.

15cm hose for R410A R32

- HS4-R/Y/B-04Mx04F 1/4"M.F. x 1/4"F.F.
- HS4-R/Y/B-04Mx05F 1/4"M.F. x 5/16"F.F.
- HS4-R/Y/B-05Mx05F 5/16"M.F. x 1/4"F.F.
- HS4-R/Y/B-05Mx04F 5/16"M.F. x 5/16"F.F.

## SINGLE MANIFOLD BODY

### PISTON TYPE



**YF-471**

Piston type of single manifold, 1/4" male flare SAE



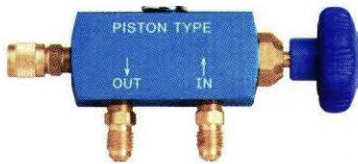
**YF-469L**

Piston type single manifold, for low gauge 1/4" male flare SAE



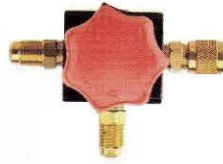
**YF-467BVL**

Ball valve type manifold, for low gauge 1/4" male flare SAE



**YF-471C**

Piston type of single manifold with charging valve 1/4" male flare SAE



**YF-469H**

Piston type single manifold, for high gauge 1/4" male flare SAE



**YF-467BVH**

Ball valve type manifold, for high gauge 1/4" male flare SAE

### BRASS TYPE



**YF-466G**

1/4" SAE x 1/4" SAE x 1/4" NPT

### Optional products



or



### CONTROL VALVE



**343-04x04**

1/4" male flare x 1/4" female flare

**343-04x05**

1/4" male flare x 5/16" female flare



**343-05x05**

5/16" male flare x 5/16" female flare

**343-05x04**

5/16" male flare x 1/4" female flare



## MANIFOLD SET

### YF-600 For R12 R22 R134 R404

Without sight glass brass testing manifold body with hook, hose holder and two handwheels.

### YF-636

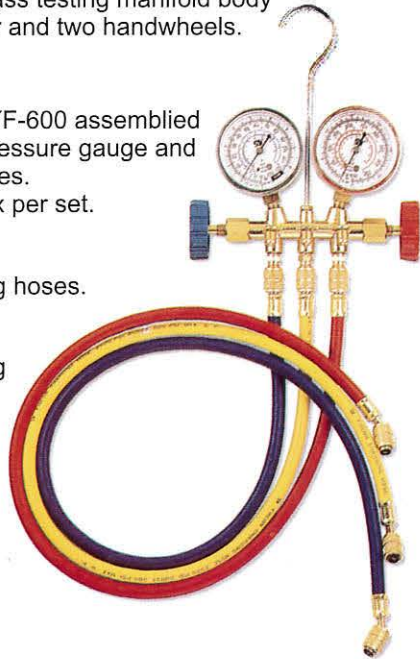
Testing manifold set, YF-600 assembled with one compound / pressure gauge and 3 pcs 36" charging hoses. Packed in a carton box per set.

### YF-660

With 3pcs 60" charging hoses.

### YF-672

With 3pcs 72" charging hoses.



### YF-500 For R12 R22 R134 R404

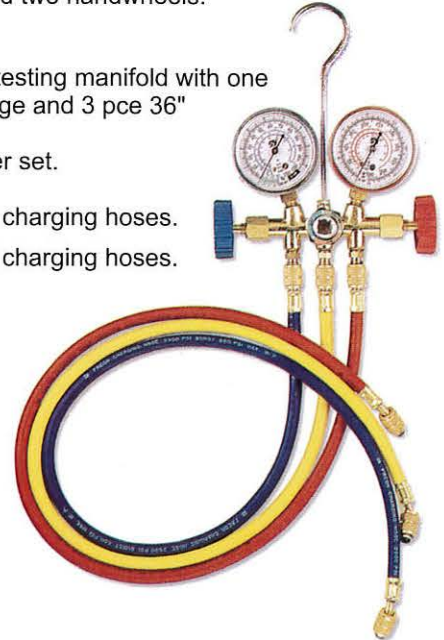
With sight glass brass testing manifold body with hook, hose holder and two handwheels.

### YF-536

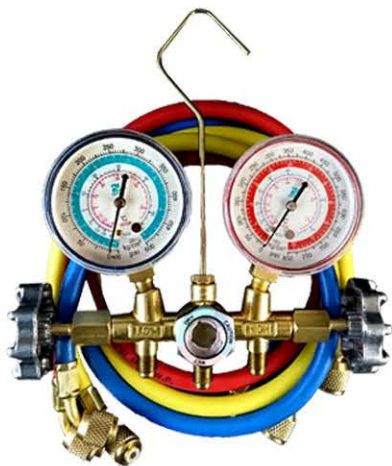
Testing sight glass brass testing manifold with one compound / pressure gauge and 3 pce 36" charging hoses for R12. Packed in a carton box per set.

YF-560 With 3pcs 60" charging hoses.

YF-572 With 3pcs 72" charging hoses.



## MANIFOLD SET



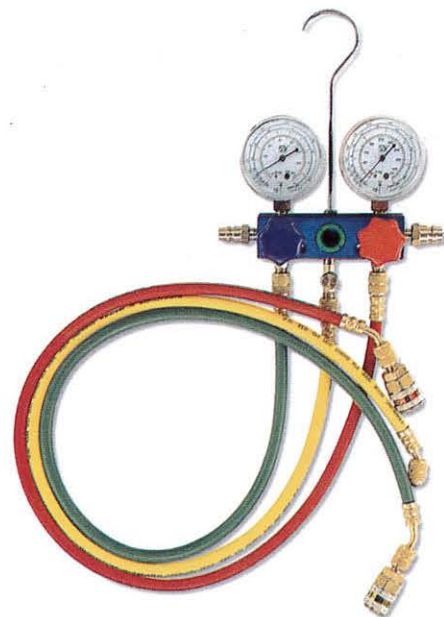
Testing sight glass brass testing manifold with hook, hose holder, 3pcs charging hoses 2 compound / pressure gauge for R410a & R32 and 2 alloy handwheels.

Packed in a carton box per set

YF-436 With 3pcs 36" charging hoses for R410a

YF-460 With 3pcs 60" charging hoses for R410a

YF-472 With 3pcs 72" charging hoses for R410a




Manifold with 3 pcs hoses, 2pcs quick couplers. 1/4" SAE connection for R134a.

YF-236 With 3pcs 36" hoses.

YF-260 With 3pcs 60" hoses.

YF-272 With 3pcs 72" hoses.



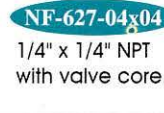
**MULTI SIZE  
SOLDER UNION**  
**MSU-7000**  
for 1/8", 3/16", 1/4", 5/16",  
3/8", 1/2" O.D. tubing  
with valve core.



**CHARGING  
FITTING**  
**SF-628-04**  
1/4" x 1/4" flare  
with valve core



**NF-627-04x02**  
1/4" x 1/8" NPT



**NF-627-04x04**  
1/4" x 1/4" NPT  
with valve core.

**CYLINDER  
ADAPTER**



**CA-05x12**  
1/2" ACME x 3/4" PS.  
thread R134a use.




**CA-04x12**  
1/4" flare x 3/4" PS.  
thread R12 use.




**CA-03x12**  
10mm x 3/4" PS.  
thread R134a use.


**COPPER SEAL CAP**




**CS-12** -3/4"




**CS-10** -5/8"



**CS-08** -1/2"




**CS-06** -3/8"




**CS-04** -1/4"


**CYLINDER ADAPTER**



**CA-04x08**  
1/4" flare male x  
M14x1.5 with o-ring




**CA-04x05**  
1/4" flare male x 1/2"  
ACME female




**CA-05x04**  
1/2" ACME male x 1/4"  
flare female

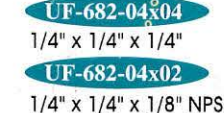
**UNION TEE**




**UT-04** -1/4"   **UT-08** -1/2"   **UT-12** -3/4"  
**UT-06** -3/8"   **UT-10** -5/8"



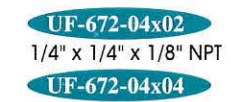
**UF-682-04x04**  
1/4" x 1/4" x 1/4"



**UF-682-04x02**  
1/4" x 1/4" x 1/8" NPS



**UF-672-04x02**  
1/4" x 1/4" x 1/8" NPT



**UF-672-04x04**  
1/4" x 1/4" x 1/4" NPT

**CAPILLARY TUBE WITH NUT**

**YF-900-M**

The product is designed specially pressure indicating instruments for refrigeration industry. This capillary tube is 1/8" and two flared tube are 1/4" with two 1/4" copper nuts length is 90cm total.








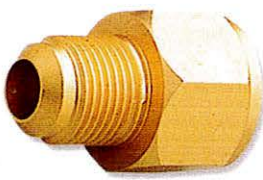







**90° ELBOW**

**ME-04x02**  
1/4" flare x 1/8" NPT

**ME-04x04**  
1/4" flare x 1/4" NPT

**UNION ELBOW**

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

<p><b>LONG NUT</b></p>  <table border="1"> <thead> <tr> <th>Item No.</th> <th>Tube O.D.IN</th> </tr> </thead> <tbody> <tr><td>SN1-04</td><td>1/4</td></tr> <tr><td>SN1-05</td><td>5/16</td></tr> <tr><td>SN1-06</td><td>3/8</td></tr> <tr><td>SN1-08</td><td>1/2</td></tr> <tr><td>SN1-10</td><td>5/8</td></tr> <tr><td>SN1-12</td><td>3/4</td></tr> </tbody> </table>	Item No.	Tube O.D.IN	SN1-04	1/4	SN1-05	5/16	SN1-06	3/8	SN1-08	1/2	SN1-10	5/8	SN1-12	3/4	<p><b>SWIVEL NUT</b></p>  <table border="1"> <thead> <tr> <th>Item No.</th> <th>Outlet O.D.</th> <th>Inlet O.D.IN</th> </tr> </thead> <tbody> <tr><td>RN-03 x 04</td><td>3/16 x</td><td>1/4</td></tr> <tr><td>RN-04 x 06</td><td>1/4 x</td><td>3/8</td></tr> <tr><td>RN-06 x 08</td><td>3/8 x</td><td>1/2</td></tr> <tr><td>RN-08 x 10</td><td>1/2 x</td><td>5/8</td></tr> <tr><td>RN-10 x 12</td><td>5/8 x</td><td>3/4</td></tr> </tbody> </table>	Item No.	Outlet O.D.	Inlet O.D.IN	RN-03 x 04	3/16 x	1/4	RN-04 x 06	1/4 x	3/8	RN-06 x 08	3/8 x	1/2	RN-08 x 10	1/2 x	5/8	RN-10 x 12	5/8 x	3/4	<p><b>FLARE TO SOLDER UNION</b></p>  <table border="1"> <thead> <tr> <th>Item No.</th> <th>Tube O.D.IN</th> </tr> </thead> <tbody> <tr><td>FSU-04 x 04</td><td>1/4 x 1/4</td></tr> <tr><td>FSU-04 x 06</td><td>1/4 x 3/8</td></tr> <tr><td>FSU-06 x 06</td><td>3/8 x 3/8</td></tr> <tr><td>FSU-06 x 04</td><td>3/8 x 1/4</td></tr> <tr><td>FSU-06 x 08</td><td>3/8 x 1/2</td></tr> <tr><td>FSU-08 x 06</td><td>1/2 x 3/8</td></tr> <tr><td>FSU-08 x 08</td><td>1/2 x 1/2</td></tr> <tr><td>FSU-08 x 10</td><td>1/2 x 5/8</td></tr> <tr><td>FSU-10 x 10</td><td>5/8 x 5/8</td></tr> <tr><td>FSU-10 x 08</td><td>5/8 x 1/2</td></tr> <tr><td>FSU-10 x 06</td><td>5/8 x 3/8</td></tr> <tr><td>FSU-12 x 12</td><td>3/4 x 3/4</td></tr> <tr><td>FSU-12 x 10</td><td>3/4 x 5/8</td></tr> <tr><td>FSU-12 x 08</td><td>3/4 x 1/2</td></tr> </tbody> </table>	Item No.	Tube O.D.IN	FSU-04 x 04	1/4 x 1/4	FSU-04 x 06	1/4 x 3/8	FSU-06 x 06	3/8 x 3/8	FSU-06 x 04	3/8 x 1/4	FSU-06 x 08	3/8 x 1/2	FSU-08 x 06	1/2 x 3/8	FSU-08 x 08	1/2 x 1/2	FSU-08 x 10	1/2 x 5/8	FSU-10 x 10	5/8 x 5/8	FSU-10 x 08	5/8 x 1/2	FSU-10 x 06	5/8 x 3/8	FSU-12 x 12	3/4 x 3/4	FSU-12 x 10	3/4 x 5/8	FSU-12 x 08	3/4 x 1/2
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## REFRIGERANT GAUGE



### RG-250

Blue metal frame & PC cover  
Pressure : 30 vacuum 250 psi  
Refrigerant : R22 R134a R404a R12  
connection : 1/8"NPT 2-3/4" dia



### RG-500

Red metal frame & PC cover  
Pressure : 0 to 500 psi  
Refrigerant : R22 R134a R404a R12  
connection : 1/8"NPT 2-3/4" dia



### RG-500/410

Blue metal frame & PC cover  
Pressure : 30 vacuum 500 psi  
Refrigerant : R410a R32  
connection : 1/8"NPT 2-3/4" dia



### RG-800/410

Red metal frame & PC cover  
Pressure : 0 to 800 psi  
Refrigerant : R410a R32  
connection : 1/8"NPT 2-3/4" dia

### ORG(u)-230

2-1/2" dia, Oilfilled, Stainless frame with ring for back mounting

Pressure : 30 vacuum to 230 psi

Refrigerant : R22 R134A R404A R407C

Connection : 1/4" SAE

### ORG(u)-500

2-1/2" dia, Oilfilled, Stainless frame with ring for back mounting

Pressure : 30 vacuum to 500 psi

Refrigerant : R22 R134A R404A R407C

Connection : 1/4" SAE

### ORG(b)-230

2-1/2" dia, Oilfilled, Stainless frame with ring for front mounting

Pressure : 30 vacuum to 230 psi

Refrigerant : R22 R134A R404A R407C

Connection : 1/4" SAE

### ORG(b)-500

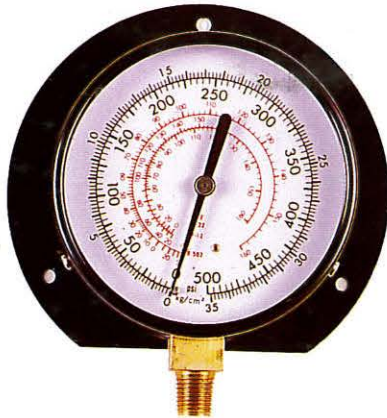
2-1/2" dia, Oilfilled, Stainless frame with ring for front mounting

Pressure : 30 vacuum to 500 psi

Refrigerant : R22 R134A R404A R407C

Connection : 1/4" SAE

## FREON GAUGE



### BFG-500

High side 0 vacuum to 500 psi, 1/4" NPT connection, 4" dia, black color with steel frame.

### BFG-250

Low side 30 vacuum to 250 psi, 1/4" NPT connection, 4" dia, black color with steel frame.

## PRESSURE GAUGE



4" dia, black color with steel frame. 1/4" NPT or 3/8" NPT connection.

PB-50	0~ 3.5 kg/cm <sup>2</sup> or 50 psi
PB-100	0~ 7 kg/cm <sup>2</sup> or 100psi
PB-150	0~ 10 kg/cm <sup>2</sup> or 150psi
PB-200	0~ 15 kg/cm <sup>2</sup> or 200psi
PB-250	0~ 20 kg/cm <sup>2</sup> or 250psi



## POCKET THERMOMETER

### PT-10

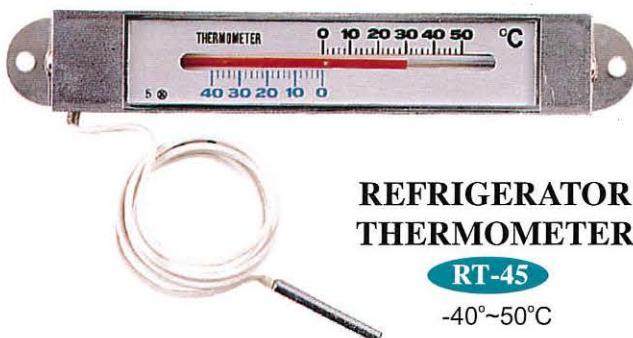
1" dia, -40°~70°C



## ELECTRO THERMOMETER

### SW-01A

-40°~99°C



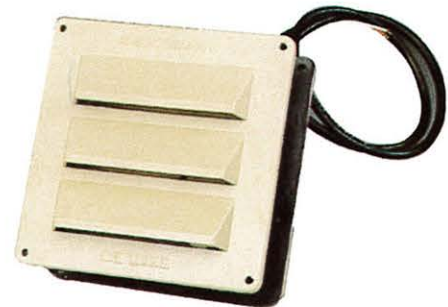
## REFRIGERATOR THERMOMETER

### RT-45

-40°~50°C

## YF-1110 VENTILATOR

Vent 110V or 220V/36W  
(175mm x 175mm sq.)



## Binding Type

Height: 5cm 7cm 10cm

Length: 30m 50m



## AC Digital Clamp Meter

**YF-8070**



1. CAT II 600V
2. 3-1/2 digit LCD with maximum reading of 2000.
3. AC voltage range: 200V, 750V.
4. AC current range: 20A, 200A, 600A.
5. Resistance measurement to 2000 ohms.
6. Data Hold, Peak Hold.
7. Test Ranges: ACV, ACA, Resistance, Freq, Continuity.
8. Frequency (non-contact frequency measurement)
9. Low battery indication.

<b>Maximum Current</b>	600 Amps
<b>Display</b>	2000 counts
<b>Max. Conductor Size</b>	35mm
<b>AC Current</b>	10mA to 600A, $\pm(2.0\%$ of rdg + 5 dgts)
<b>AC Voltage</b>	0.1V to 750V, $\pm(1.2\%$ of rdg + 3 dgts)
<b>Resistance</b>	1 $\Omega$ to 2000 $\Omega$ , $\pm(1.0\%$ of rdg + 2 dgts)
<b>Continuity Buzzer</b>	Yes
<b>Frequency</b>	1Hz to 5MHz, $\pm(0.8\%$ of rdg + 3 dgts)
<b>Peak and Data Hold</b>	Yes
<b>Dimensions</b>	221mm (L) x 62mm (W) x 35mm (D)
<b>Weight</b>	330g

## AC HVAC Clamp Meter

**TM-1016**



1. CAT III 600V
2. 3-3/4 digit LCD Backlit Display, with Analog Bargraph.
3. Display Counts: 4000.
4. Auto Ranging.
5. AC/DC current: 0.1 $\mu$ A to 4000 $\mu$ A.
6. AC current: 0.01A to 400A
7. Ranges: ACV, ACA, DCV, DCA, Resistance, Continuity, Capacitance, and Temperature.
8. Maximum conductor size 30mm.
9. Continuity test below 40 ohms, buzzer will sound.
10. Auto Power off.
11. Double injection outer case.

<b>Maximum Current</b>	400 Amps
<b>Display Counts</b>	4000 (Backlit display)
<b>Maximum Conductor Size</b>	30mm
<b>AC Current Range</b>	0.1 $\mu$ A to 4000 $\mu$ A/0.1A to 400A, $\pm(2.0\%$ of rdg + 10 dgts)
<b>AC Voltage Range</b>	0.1mV to 600V, $\pm(1.0\%$ of rdg + 3 dgts)
<b>DC Voltage Range</b>	0.1mV to 600V, $\pm(0.8\%$ of rdg + 2 dgts)
<b>DC Current</b>	0.1 $\mu$ A to 4000 $\mu$ A, $\pm(2.0\%$ of rdg + 10 dgts)
<b>Continuity Buzzer</b>	Yes
<b>Data Hold</b>	Yes
<b>Capacitance</b>	10pF to 4mF
<b>Temperature (Type 'K')</b>	-50 $^{\circ}$ C to 1200 $^{\circ}$ C
<b>Power Supply</b>	2 1.5V type 'AAA' batteries
<b>Resistance</b>	0.1 ohm to 40 megohms $\pm(0.8\%$ + 2 dgts)
<b>Dimensions</b>	205mm (L) x 64mm (W) x 39MM (D)
<b>Weight</b>	280g approx. including batteries

## TUBE BENDER



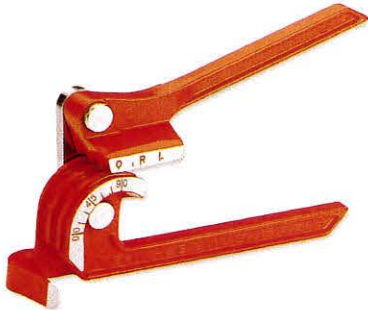
**364-04-1/4"** **364A-10mm**  
For 1/4" / 6mm O.D. tubing 180° degree bent.  
**364-05-5/16"** **364A-8mm**  
For 5/16" / 8mm O.D. tubing 180° degree bent.



**364-06-3/8"** **364A-10mm**  
For 3/8" / 10mm O.D. tubing 180° degree bent.  
**364-08-1/2"** **364A-12mm**  
For 1/2" / 12mm O.D. tubing 180° degree bent.



**364-10/5/8"** **364A-16mm**  
For 5/8" / 16mm O.D. tubing 180° degree bent.  
**364-12-3/4"** **364A-19mm**  
For 3/4" / 19mm O.D. tubing 180° degree bent.  
**364-14-7/8"** **364A-22mm**  
For 7/8" / 22mm O.D. tubing 180° degree bent.



**368 3-IN-1 TUBE BENDER**  
For 1/4", 5/16", 3/8" O.D. tubing 90° degree bent.  
**368M 3-IN-1 TUBE BENDER**  
For 6mm, 8mm, 10mm O.D. tubing 90° degree bent.



**366 4-IN-1 BENDER**  
For 3/16", 1/4", 5/16", 3/8" O.D. Tubing  
With fixed hook, bends up to 180°.



**367 3-IN-1 BENDER**  
For 1/4", 5/16", 3/8" O.D. Tubing  
With fixed hook, bends up to 180°.  
**367M 3-IN-1 BENDER**  
For 6mm, 8mm, 10mm O.D. tubing  
With fixed hook, bends up to 180°.



## RATCHET TUBE BENDER

**YF-404L**

Including **274-FC tube cutter**, plastic reamer and **5** form wheels in the case  
Size : 3/8", 1/2", 5/8", 3/4", 7/8", O.D..tubing.

**YF-404BL**

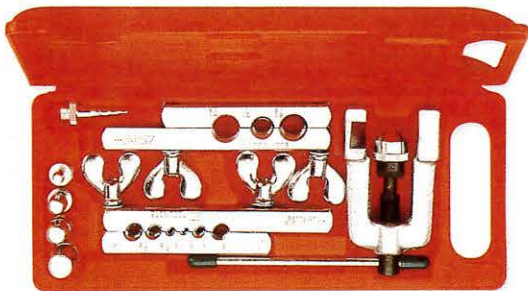
without reamer & tube cutter,  
only ratchet handle and **6** form **imperial unit** wheels  
Size : 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8" O.D.tubing.



## COMBINATION TUBE BENDER

**YF-365**

For 1/4" 3/8" 1/2" 5/8" O.D. Tubing.



### FLARING & SWAGING TOOL

**275L**

Flares 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4" O.D. (1/8", 1/4", 3/8", 1/2", 5/8" nom.)

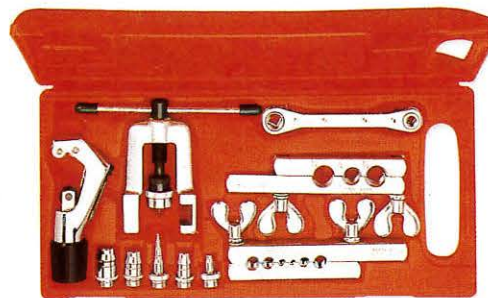
Includes 5 swage adapters which cover 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", O.D. (1/8", 1/4", 3/8", 1/2", 5/8" nom.) in hand carrying case.



### FLARING & CHITTING KIT

**1226-FA**

Contains of kit : 274-FC lube cutter  
195-FC flaring tool.



### FLARING & CHITTING KIT

**278L**

Contains of kit : 275-FS flaring & swaging tool,  
CH-274 tube cutter, 122-FC ratchet wrench in  
plastic case.



### DOUBLE FLARING TOOLKIT

Flares 3/16", 1/4", 5/16", 3/8", 1/2" O.D. tubing including 5 adapter for 3/16", 1/4", 5/16", 3/8", 1/2" O.D. tubing and 274-FC tube cutter.

Screwing down flaring cone with proper adapter, and then back flaring cone to remove adapter, flared finished.



### FLARING TOOL

**195-FC**

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



### FLARING TOOL

**500-FA**

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



### FLARING TOOL

**525**

For 3/16"~5/8" O.D. tubing.  
One opening holds all sizes.



## ECCENTRIC CONE TYPE FLARING TOOLS



TI plated cone    Alluimin Body & Location Ball    Aluminium Clip with ball hole.    Ratchet handle    Power tool support



- 806A** for 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
- 808A** for 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
- 808M** for 6, 8, 10, 12, 14, 16 & 19mm O.D. tubing.

- 
- 806U** for 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
  - 808U** for 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
  - 808U-M** for 6, 8, 10, 12, 14, 16 & 19mm O.D. tubing.

- Aluminium Clip with ball hole
- Aluminium Body and Location Ball

- 806R** for 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
- 808R** for 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
- 808R-M** for 6, 8, 10, 12, 14, 16 & 19mm O.D. tubing.

- Ratchet Handle

- 
- 806RU** for 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
  - 808RU** for 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" O.D. tubing.
  - 808RU-M** for 6, 8, 10, 12, 14, 16 & 19mm O.D. tubing.

- Aluminium Clip with ball hole
- Aluminium Body and Location Ball
- Ratchet Handle



## ECCENTRIC CONE TYPE FLARING TOOLS



**806UE**

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

**808UE**

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

**808UE-M**

for 6, 8, 10, 12, 14, 16 & 19mm O.D. tubing.



Aluminium  
Clip with  
ball hole



Aluminium  
Body and  
Location Ball



Ratchet  
Handle



Ti Plated  
cone



Power tool  
support

**806H**

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

**808H**

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

**808HM**

for 6, 8, 10, 12, 14, 16 & 19mm O.D. tubing.



Power tool  
support



**806HU**

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

**808HU**

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

**808HM-U**

for 6, 8, 10, 12, 14, 16 & 19mm O.D. tubing.



Power tool  
support



Aluminium  
Clip with  
ball hole



Aluminium  
Body and  
Location Ball

## ECCENTRIC CONE TYPE FLARING TOOLS KITS

**806AL**

Kit include CT-806A 45° Eccentric Cone Type flaring tool, 274-FC tube cutter, 208-F reamer.

**808AL**

Kit include CT-808A 45° Eccentric Cone Type flaring tool, 274-FC tube cutter, 208-F reamer.

**808ML**

Kit include CT-808M 45° Eccentric Cone Type flaring tool,



## Hydraulic Tube Expander Kit



### YF-1000HY

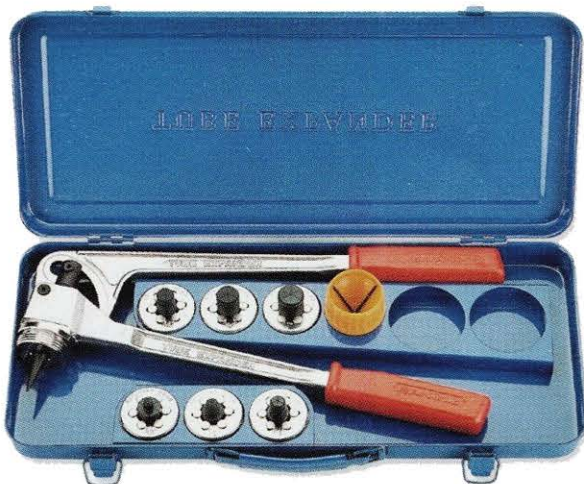
Including **209 metal reamer** and **274 tube cutter**  
**6 expand heads** ( 3/8" 1/2" 5/8" 3/4" 7/8" ) O.D. tubing

### YF-2000HY

Including **209 metal reamer** and **274 tube cutter**  
**6 expand heads** ( 10 12 15 16 18 ) O.D. tubing



## Multi Size Tube Expander Kit



### YF-1000

Including **208 plastic reamer** and **6 expand heads**  
 Imperial Size : 3/8", 1/2", 5/8", 3/4", 7/8", 1" O.D..tubing.

### YF-2000

Including **208 plastic reamer** and **6 expand heads**  
 Metric Size : 10, 12, 15, 16, 18, 22mm O.D..tubing.

### YF-1000E

Expand heads imperial size :  
 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.

### YF-2000E

Expand heads metric size :  
 10, 12, 14, 15, 16, 18, 22, 28, 35, 42mm O.D..tubing.





**274-FC TUBE CUTTER**

CAPACITY : 1/8"~1-1/8" O.D. tubing  
Aluminum alloy body, chrome plated finish  
with a spare cutting blade.



**312-FC TUBE CUTTER**

CAPACITY : 1/4"~1-5/8" O.D. tubing  
Aluminum alloy body, chrome plated finish  
with a Spare cutting blade.



**105 TUBE CUTTER**

CAPACITY : 1/8"~1-3/8" O.D. tubing  
Aluminum alloy body, silver color painted  
with a spare cutting blade.



**107 TUBE CUTTER**

CAPACITY : 1/4"~2" O.D. tubing  
Aluminum alloy body, silver color painted  
with a spare cutting blade.



**104 TUBE CUTTER**

CAPACITY : 1/4"~1-1/4" O.D. tubing  
Aluminum alloy body, red color painted  
with a spare cutting blade.



**206-FB TUBE CUTTER**

CAPACITY : 3/8"~2-5/8" O.D. tubing  
Aluminum alloy body, chrome plated finish  
with a spare cutting blade.



**127-FB TUBE CUTTER**

CAPACITY : 1/8"~5/8" O.D. tubing  
Zinc alloy body, zinc plated finish.



**CUTTING BLADE**

274B/312B : For 274-FC/312-FC, SUJ2 Material  
105B/107B : For 105/107, SUJ2 Material  
104B : For 104, SUJ2 Material  
127B : For 127-FB, SUJ2 Material



## YF-31 SPRING TUBE CUTTER (PATENT)

**Blade auto move forward by spring mechanism**  
 With HSS material blade Lubricate hole on the wheel  
 Capacity: 1/4" to 1-1/4" O.D.

## YF-31D SPRING TUBE CUTTER KIT

**Spring tube cutter and extension rod**  
 Reducing effortsto for cut large-sized tubes, you can connect it to wheel.  
 This rod has hidden deburring function

## INNER-OUTTER REAMER

### 209A

Aluminum case body  
 SCM 440 blade  
 3/16"~1-3/8" O.D

### 209AL

5/16"~2-1/8" O.D



## YF-100 DEBURRING TOOL

Aluminum handle with storage function  
 WithTi plated cone blade and general type.  
 Cone blade capacity : 16mm O.D.



## YF-65N2 4 IN 1 ADJUSTABLE TORQUE WRENCH



Fixed 4 kinds of torque(nM) to fit nut size in one handle.  
 Adjustable torque by push up and pull down handle.  
 4 colors point to show nut size on open ended head .

Capacity : 17mm 、 22mm 、 24mm 、 29mm  
 Torque : 18nM 、 42nM 、 55nM 、 65nM

## TORQUE RATCHET WRENCH (PATENT)



Quick button to take off wrench.  
 Wrench head suitable narrow space

YF-17tr open 17mm size fixed 18nM

YF-22tr open 22mm size fixed 42nM

YF-26tr open 26mm size fixed 55nM

YF-29tr open 29mm size fixed 65nM

**CAPILLARY TUBE CUTTER**

**YF-128**  
Cuts all sizes of capillary tubes without collapsing nor swaging the tubes.

**PVC PIPE CUTTER**

**YF-42** Professional PVC cutter capacity up to 42mm.  
**YF-35** Professional PVC cutter capacity up to 35mm.

**201-FF PINCH OFF PLIER**  
Pinch off plier 7" can pinch off copper tubing instantly.

**INNER-OUTER REAMER**  
Reams Both Inside and Outside Edges of Tubing

**208-F** Plastic body, 3/16"~1-1/2" O.D.  
**209-F** Zinc body, 1/4"~1-5/8" O.D.

**YF-352 FIN TOOL**  
Fin straightener stainless steel, can clean & straighten evaporator fin.

**SPRING BENDER**

YF-102-04	Size 1/4"	Length 10"
YF-102-05	Size 5/16"	Length 10"
YF-102-06	Size 3/8"	Length 10"
YF-102-08	Size 1/2"	Length 12"
YF-102-10	Size 5/8"	Length 14"
YF-102-12	Size 3/4"	Length 14"

<b>95-S SWAGING PUNCH</b> Swaging punch for 1/4", 5/16", 3/8", 1/2" & 5/8" O.D. 5-in-1 punch.	<b>94-S SWAGING PUNCH</b> 3-IN-1 1/2", 5/8", 7/8"	<b>93-S SWAGING PUNCH</b> 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"
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**204-FF PINCH-OFF TOOL**  
for 3/8" O.D.

**FC-351 FIN STRAIGHTENER**  
Fin straightener 8,9,10,12,14,15 spacing per inch.

**122-FC RATCHET WRENCH**  
4 size : 1/4", 3/8, 3/16", 5/16" square ratchet

**193-S SWAGING PUNCH**  
Swaging punch for 1/4", 5/16", 3/8", 1/2" & 5/8" O.D. tubing.

## Heat Exchanger Accumulators



Item Number	DIA inches	Length inches	Suction Line I.D.	Lique Line I.D.	Maximum Ref Rear Holding Capacity Lbs			Recommended Tons of Refrigeration															
								Evap Temp F	Refrigerant														
									R-12					R-22					R-502				
									+40	+20	0	-20	-40	+40	+20	0	-20	-40	+40	+20	0	-20	-40
SAV-2404	4	8-3/4	1/2	3/8	3	2.7	2.8	MAX	0.90	0.50	0.30	0.20	0.10	1.80	1.15	0.70	0.45	0.30	1.40	0.9	0.6	0.40	0.15
SAV-2405	4	10-5/8	5/8	3/8	4.4	4	4.2	MIN	12	10	09	0.07	0.05	17	15	12	10	08	14	11	09	07	06
SAV-2406	5-1/2	10	3/4	5/8	6.5	6	6.1	MAX	1.00	0.60	0.40	0.25	0.15	2.00	1.25	0.85	0.55	0.35	1.55	1.00	0.70	0.45	0.25
SAV-2407	5-1/2	13	7/8	5/8	8.5	7.8	8	MIN	0.13	11	10	08	06	18	16	13	11	09	15	12	10	08	07
SAV-2411	6-1/2	15-1/2	1-1/8	5/8	13.5	12	12.5	MAX	1.80	1.15	0.70	0.48	0.28	3.0	2.1	1.5	1.1	0.6	2.8	2.0	1.4	0.8	0.5
SAV-2413	6-1/2	20	1-3/8	3/4	18	16.5	17	MIN	15	12	11	09	06	22	18	16	13	10	22	18	16	13	10
SAV-2415	6-1/2	22-1/2	1-5/8	7/8	23	21	22	MAX	2.5	1.8	1.0	0.7	0.4	4.0	3.0	2.3	1.5	0.9	4.0	3.0	2.0	1.3	0.7
								MIN	36	31	26	21	17	53	45	39	33	27	53	45	39	33	27
								MAX	5.0	3.2	2.1	1.4	0.9	9.0	6.2	4.3	2.8	1.8	9.0	6.0	4.0	2.5	1.4
								MIN	50	44	37	30	16	76	65	56	47	38	76	65	56	47	38
								MAX	8.0	6.0	3.8	2.4	1.4	17.0	11.0	7.7	5.0	3.0	15.0	10.0	7.0	4.5	2.5
								MIN	13	9	6	4	2	28	19	13	8	5	25	18	12	7	4

## Refrigerant Receivers



Item No.	Refrigerant Capacity (Lbs)			Dimensions (inches)		Connections Size	
	R-12	R-22	R-502	DIA.	H.	In.	OUT
CR-101	2.5	2.4	2.5	3-3/8	7.87	3/8"	1/4"
CR-102	6.1	5.8	6.0	5	10.24	3/8"	3/8"
CR-103	7	6.7	6.8	5	11.42	3/8"	3/8"
CR-104	10	9.5	9.8	6	13.78	1/2"	1/2"
CR-105	14	13.2	13.5	7	16.15	5/8"	5/8"
CR-106	17.6	16.6	17	6.5	23.63	3/4"	3/4"
CR-107	20.58	19.4	25	6.5	27.56	7/8"	7/8"

## Oil Separators



MODEL NO.	DIMENSIONS-INCHES			CAPACITY IN TONS OF REFRIGERATION AT EVAPORATOR TEMPERATURE					
	SIZE CONN.	LENGTH	DIA. INCHES	R-12		R-22		R-502	
				-40°F	+40°F	-40°F	+40°F	-40°F	+40°F
S-5201S	1/2 ODS	7 1/2	4	3/4	1	1	1 1/2	1	1 1/2
S-5201	1/2 ODS	10 1/4		1	1 1/2	1 1/2	2	1 1/2	2
S-5202	3/8 ODS	14 1/4		3	4	4 1/2	5 1/2	4 3/4	5 1/4
S-5203	7/8 ODS	16 1/4		4 1/2	5 1/2	7	8	7 1/2	8 1/2
S-5204	1 1/8 ODS	18		6	7 1/2	9	10 1/2	9 1/2	11 1/2
S-5205	1 3/8 ODS	19		7 1/2	10	11 1/2	13 1/2	12	14 1/2
S-5302	1/2 ODS	10 1/4		1	1 1/2	1 1/2	2	1 1/2	2
S-5303	3/8 ODS	14 1/4		3	4	4 1/2	5 1/2	4 3/4	5 1/4
S-5304	7/8 ODS	16 1/4		4 1/2	5 1/2	7	8	7 1/2	8 1/2
S-5305	1 1/8 ODS	18		6	7 1/2	9	10 1/2	9 1/2	11 1/2
S-5306	1 3/8 ODS	19	7 1/2	10	11 1/2	13 1/2	12	14 1/2	
S-5307	1 3/8 ODS	19	7 1/2	10	11 1/2	13 1/2	12	14 1/2	
S-6202	1 1/8 ODS	14 1/2	6	8	10	11	12	12	14
S-6203	1 3/8 ODS	16		9	12	13	14	15	20
S-6204	1 1/8 ODS	17 1/4		11	14	16	18	20	24
S-6205	2 1/8 ODS	19		17	22	25	30	30	35
S-6302	1 1/8 ODS	14 1/2		8	10	11	12	12	14
S-6303	1 3/8 ODS	16		9	12	13	14	15	20
S-6304	1 1/8 ODS	17 1/4		11	14	16	18	20	24
S-6305	2 1/8 ODS	19		17	22	25	30	30	35

## Refrigerant Accumulators



MODEL NO.	DIMENSIONS-INCHES			REFRIGERANT HOLDING CAP(LBS 0°F SAT)		
	size conn o.d.s	shell dia	shell length	R-134A	R-22	R-404A R-507
RA-204	1/2	4	8.47	3.5	3.3	3.4
RA-205	5/8	4	10.83	4.4	4	4.2
RA-206	3/4	5.5	10.24	6.1	6.8	6.2
RA-207	7/8	5.5	12.6	9.8	9	9.3
RA-211	1 1/8	6.5	15.75	14.2	13.3	13.7
RA-213	1 3/8	6.5	20.87	21.8	20.5	21.2
RA-215	1 5/8	6.5	22.84	23.8	22.6	23.1



## • Shell & Tube Refrigerant Condensers



R-12 R-22 R-502 Safe working pressure 450 PSIG.

Item No.	Flow capacity tons	Cooper tubing connection		Overall dimensions (inches)		
		Refrigerant	Water	Length	Dia.	Approx water tube length
		Tube size in/out	Tube size in/out			
ST-6101	1	3/8" SAE	1/2" FPS	10-1/4"	6"	3/4" OD x 72"
ST-6102	2	3/8" SAE	1/2" FPS	11-3/4"	6"	3/4" OD x 118"
ST-6103	3	1/2" SAE	3/4" FPS	13-3/4"	8"	7/8" OD x 175"
ST-6105	5	5/8" SAE	1" FPS	18"	8-1/2"	7/8" OD x 348"

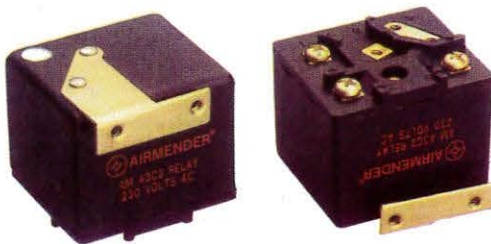
## • Double Tube Condenser



R-12 R-22 R-502 Safe working pressure 500 PSIG

Item No.	Flow capacity tons	Copper tubing connections				Dimensions			
		Refrigerant		Water		Body length (L)	Height (D)	Width (W)	Approx water tube length
		Tube size in/out	Wall (inches)	Tube size in/out	Wall (inches)				
DT-5201	1	1/2" OD	0.028	3/4" OD	0.028	9-3/4"	6"	8-1/4"	3/4" OD x 132"
DT-5202	2	1/2" OD	0.028	3/4" OD	0.028	11-1/2"	9"	8-1/4"	3/4" OD x 138"
DT-5203	3	1/2" OD	0.028	3/4" OD	0.032	12-3/4"	11-1/2"	9-3/4"	7/8" OD x 175"
DT-5205	5	5/8" OD	0.035	1" OD	0.046	17-3/4"	14-1/2"	11-1/2"	7/8" OD x 348"

## • Potential Relays



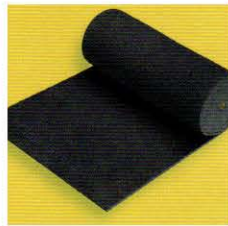
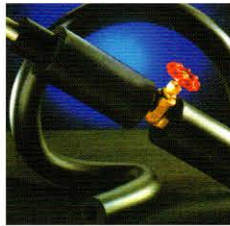
ITEM NO.	H.P.	VOLTS	CONTINUOUS COIL VOLTAGE	PICK UP	DROP OUT
AM-A3C2	3/4, 1, 1-1/2, 2	208/230	332	280-309	55-100
AM-A3D3	3/4, 1	230	332	299-327	50-100
AM-A3R3	1/2, 3/4, 1, 1-1/2	115	332	171-184	40-90
AM-A4A3	2, 3, 4, 5	230	502	239-268	60-135
AM-A4D3	1-1/2, 2, 3, 4, 5	230	502	295-324	60-135
AM-A5C2	1/2, 3/4, 1	230	253	278-306	35-77



## FANYALON THERMAL INSULATION SERIES



- \* Pass the **UL 94V-0** flame resistance test
- \* Pass the **FMVSS 302** burn rate testing
- \* Pass **BS476** surface spread of flame
- \* Pass **ARTC** flammability of interior materials
- \* US-American thermal conductivity **ASTMC518**
- \* JAPAN thermal conductivity **JIS A1412**
- \* Pass the **EU 2011/65 / EU Annex II...**



- Applicable range of temperature  
-58°C~130°C
- Self-extinguishing.
- Weather-proof.
- Softness.
- Flexibility.
- Economical.
- The hermetic air form structure
- Low in water absorption
- Low K value of conductivity coefficient

### FANYALON THERMAL SHEET

**NP-620**

- Size : 3'x4'x1/8"
- 3'x4'x1/4"
- 3'x4'x3/8"
- 3'x4'x1/2"
- 3'x4'x5/8"
- 3'x4'x3/4"



### FANYALON THERMAL PIPE

**NP-610**

Thickness : 3/8", 1/2", 5/8", 3/4"  
I.D.(inch) : 3/8"~5"



### FANYALON FOAM INSULATION TAPE

**NP-630**

Size : 30'x2"x1/8"

