REFRIGERANT SERVICE TOOLS MANIFOLDS / CHARGING HOSES / VALVES



High efficiency & High workability with ball valve **BALL VALVE** MANIFOLD AD

Ball valve

Open & close at 90 degrees. The valve fully opens at 90 degrees.

Sight glass

Possible to check a flow and condition of refrigerant during recovering and charging.

Large and easy to read even

on a picture.

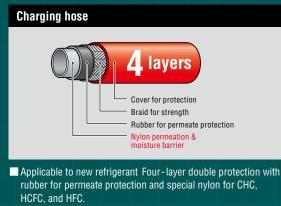
Access port with valve core

Access port that can be used for vacuuming and charging of refrigerant

ø80mm Color gauge

Body by aluminum material

Body made by high quality aluminum material.



Special nylon prevents refrigerant from contamination with moisture.

For R32 • R410A Manifold AD Kit (with ball valve) Code No.AI115C R32 Gauge diameter Sight glass **Ball valve** ap

philcaple	ap	licable	IIU60	IIII				Ŭ
Low pressu	re	-0.1~3.5M	ЛРа		High pr	essure	-0.1~	5.5MPa
onnecting por	t size	1/4" flare	(UNF7/16-20T	PI)	Proo	f:5.5MPa /	Burst:2	7.5MPa
		(\frown					

Co



Gauge diameter Standard accessories 1/4" charging hose 92cm×3, Case ø80mm % 5/16" flare and charging hose are available.

R12 • R22 • R502 applicable	Gauge diameter ø80mm	Ball valve	Sight glas
Code No.AI110C			
Manifold AD Kit	(with ball valve)		
For R12 • R22 • R502			

applicable		ø80n		Ball va	lve	Sight glass
Low pressure	-0.1~2.5N	IPa	High pi	ressure	-0.1~	3.5MPa
Connecting port size	1/4" flare (UNF7/16-20T	PI) Proc	f:5.5MPa /	Burst:2	27.5MPa



Gauge diameter ø80mm 1/4" charging hose 92cm × 3, Case

For R407C • R404A • R507A • R134a

Manifold AD Kit (with ball valve)

Code No.AI112C

R407C•R404A• applicable		R134a applicable	;	Gauge diame ø80mm	eter	Sight glass
Low pressure	-0.1~2.5	MPa		High pressure	-0.1~	3.5MPa
Connecting port size	1/4" flare	(UNF7/16-20T	PI)	Proof: 5.5MPa /	Burst:2	27.5MPa
		\frown				



ø80mm 1/4" charging hose 92cm × 3, Case



Standard & Simple manifold MANIFOLD BR

Handle

 Outstanding airtightness with double O ring & high quality nylon packing.
 Easy to change a piston with a slide type.

Sight glass

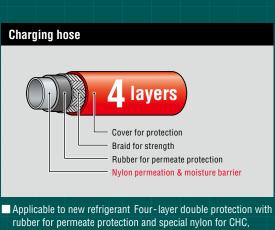


Possible to check a flow and condition of refrigerant during recovering and charging.

ø80mm Color gauge



Large and easy to read even on a picture.



- HCFC, and HFC.
- Special nylon prevents refrigerant from contamination with moisture.

For R32 • R410A
Manifold BR Kit

Code No.AI118

R32 applicable		R410A plicable	Gauge dia ø80m		Sight g	lass	
Low pressur	е	-0.1~3.5N	1Pa	High p	ressure	-0.1~5	5.5MPa
Connecting port	size	1/4" flare (UNF 7/16 - 20T	PI) Proc	of:5.5MPa /	Burst:2	7.5MPa



Gauge diameter	Standard accessories
ø80mm	1/4" charging hose 92cm×3, Case
5/16" flare and chargin	g hose are available.

For R12 • R22 • R502
Manifold BR Kit

Code No.AI116

*

R12•R22•R5 applicable		Gauge dia ø80m		Sight g	lass	
Low pressure	-0.1~2.5	ЛРа	High pr	essure	-0.1~3	3.5MPa
Connecting port size	1/4" flare	(UNF7/16-20T	PI) Proo	f:5.5MPa /	Burst:2	7.5MPa



Gauge diameter Standard accessori ø80mm 1/4" charging hose 92cm×3, Case

For R407C • R404A • R507A • R134a

Manifold BR Kit

Code No.AI125					
R407C•R404A• applicable		R134a applicable	Gauge diamo ø80mm	eter	Sight glass
Low pressure	-0.1~2.5	MPa	High pressure	-0.1~	3.5MPa
Connecting port size	1/4" flare	(UNF7/16-20TPI)	Proof:5.5MPa /	Burst:	27.5MPa
	(2			



For R32•R410A		
Ball Valve Type	e Single Manifold 🛛 🕅 JELLEY	Suitable for R410A • R32 room air conditioner !!
R32 R410/ applicable applica		Applicable to R32
Low pressure-0.1 ~ 3.Connecting port size5/16" Fl	.5MPa Iare (UNF 1/2 - 20TPI)	BU PER PERING C
80mm large gauge. port type no need to change	e the connection from vacuuming to charging.	
Code No. Gauge Di	ameter Standard Accessories	
ES551 ø80n	nm 5/16" Charging hose 92cm×2, Case	with valve core opener
Contact us for Calibration Certifica	ate. (additional cost required)	
For R410A Manifold Kit	XI YELLOW	
R410A applicable Plus II h		
Low pressure -0.1~3.	.5MPa High pressure 0~5.5MPa	* Case is only for spec with ca
Connecting port size 5/16" Fl	are (UNF 1/2-20TPI) Proof:5.5MPa / Burst:27.5MPa	
		with valve
Code No.	Gauge Diameter Standard Accessories	Core opener Code No. Gauge Diameter Standard Accessories
without ball valve Y40951 Y40951C	ø 68mm 5/16° Charging hose 92cm×3 ø 68mm 5/16° Charging hose 92cm×3, Case	with ball valve Y41711 ø 68mm 5/16" Charging hose 92cm×3 Y41711C ø 68mm 5/16" Charging hose 92cm×3, Case
Y41715 Y41715C	ø 68mm 5/16" Charging hose 152cm×3 ø 68mm 5/16" Charging hose 152cm×3, Case	Y40954 Ø68mm 5/16° Charging hose 152cm×3 Y40954C Ø68mm 5/16° Charging hose 152cm×3, Case
Contact us for Calibration Certifica		
For R32 • R410A		
Manifold Kit	V J ackey	Applicable to R32
R32 R410/ applicable applica		
Low pressure -0.1~3.		Acat
Connecting port size 5/16" FI	lare (UNF 1/2 – 20TPI) Proof : 5.5MPa / Burst : 27.5MPa	
		Case is only for spec with ca
Codo Ne	omotor Claudoud Association	
Code No. Gauge Di Y4095132 Ø80n		
Y4095132C Ø80n		with valve core opener
Contact us for Calibration Certifica		
For R32 • R410A		
4valve Manifol	d AF Kit	4valve • 4port improve working efficiency !!
R32 R410/		3/8" vacuuming port cuts working time !!
applicable applica		



22

Low pressure -0.1 ~ 3.5MPa High pressure -0.1 ~ 5.5MPa Connecting port size 5/16" Flare (UNF 1/2 - 20TPI) Proof : 5.5MPa / Burst : 27.5MPa

MOST USED IN THE WORLD YELLOW JAC
SIDE VALVE MODEL !!

\bigcirc	
	*C



Ņ
with valve
core opener



REFRIGERANT SERVICE TOOLS





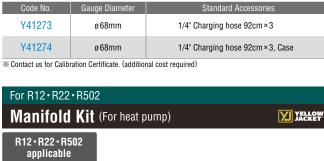
core opener



J		







-			
Low pressure	-0.1~3.4MPa	High pressure	-0.1~3.4MPa
Connecting port size	1/4" Flare (UNF 7/16-2	OTPI) Proof:5.5MPa	/ Burst:27.5MPa

Manifold kit with a gauge for heat pump.

Code No.	Gauge Diameter	Standard Accessories
Y41373	ø68mm	1/4" Charging hose 92cm×3, Case







with valve core opener



Manifold Kit 🔀 YELLEY					
R407C•R404A•F applicable	1507A	R134a applicable	e	Plus II hose	
Low pressure	-0.1~1.	7MPa	Н	ligh pressure	0~3.5MPa
Connecting port size	1/4" Flar	re (UNF 7/16-2	OTPI)	Proof:5.5MPa	/ Burst:27.5MPa

Code No.	Gauge Diameter	Standard Accessories			
Y40967	ø68mm	1/4" Charging hose 92cm×3			
Y40969	ø68mm	1/4" Charging hose 92cm×3, Case			
* Contact us for Calibration Certificate. (additional cost required)					

st required)

For R407C • R404A • R134a							
Manifold Kit (With ball valve)							
R407C•R404A•R507A R134a applicable Plus II hose							
Low pressure	-0.1~1.7MPa		I	High pressure	0~3.5MPa		
Connecting port size	1/4" Flare (UNF 7/16-2		OTPI)	Proof: 5.5MPa	/ Burst:27.5MPa		

Code No.	Gauge Diameter	Standard Accessories		
Y40970	ø68mm	1/4" Charging hose 152cm×3		
Y40972	ø68mm	1/4" Charging hose 152cm×3, Case		
* Contact us for Calibration Certificate. (additional cost required)				

For R12 • R22 • R	502				
Manifold Kit 🔀 JELLEY					
R12•R22•R502 applicable					
Low pressure	-0.1~2.4MPa	Hi	gh pressure	-0.1~3.4MPa	
Connecting port size	1/4" Flare (UNF 7/16-2	OTPI)	Proof: 5.5MPa	a / Burst:27.5MPa	

Contact us for Calibration Certificate. (additional cost required)

Manifold gauge Manifold Gauge for R32 • R410A

Indicates accurate pressure by flutterless technology.

Easy to read even on a picture !!





MANIFOLDS, CHARGING HOSES & VALVES

REFRIGERANT SERVICE TOOLS

For high pressure Item Code No. Connecting screw Pressure reading ø68mm high pressure gauge (for R32) Y49147 1/8'NPT -0.1 ~ 5.5MPa

AI129

1/8"NPT

-0.1~5.5MPa

For low pressure

Item	Code No.	Connecting screw	Pressure reading
ø68mm low pressure gauge (for R32)	Y49148	1/8"NPT	-0.1 ~ 3.5MPa
ø80mm low pressure gauge	AI126	1/8"NPT	-0.1~3.5MPa

Manifold gauge Manifold Gauge for R410A

ø80mm high pressure gauge

Indicates accurate pressure by flutterless technology.

Gauge with calibration certificate is suitable for sites required severe accuracy control.

Y49053 Y49153 · Y49253

Easy to read even on a picture !!



For high pressure

Item	Code No.	Connecting screw	Pressure reading
ø68mm high pressure gauge	Y49053	1/8"NPT	0~5.5MPa
ø80mm high pressure gauge	Y49153	1/8"NPT	-0.1~5.5MPa
ø80mm high pressure gauge with calibration certificate	Y49253	1/8"NPT	-0.1~5.5MPa

For low pressure

Item	Code No.	Connecting screw	Pressure reading
ø68mm low pressure gauge	Y49054	1/8"NPT	-0.1~3.5MPa
ø80mm low pressure gauge	Y49154	1/8"NPT	-0.1~3.5MPa
ø80mm low pressure gauge with calibration certificate	Y49254	1/8"NPT	-0.1~3.5MPa

Gauge protector (2pcs)

Protector for manifold gauges. Absorbs shock to the gauge and prevent off position of the needle.

Item	Code No.
ø68mm	Y49090
ø80mm	Y49190



Crystal gauge

Cover for manifold gauge.

Item	Code No.
ø68mm	Y49010
ø80mm	Y49100



Manifold gauge

Manifold Gauge for R407C•R404A•(R507A)•R134a

Indicates accurate pressure by flutterless technology.

Gauge with calibration certificate is suitable for sites required severe accuracy control.





For high pressure

Item	Code No.	Connecting screw	Pressure reading
ø68mm high pressure gauge	Y49059	1/8"NPT	0~3.5MPa
ø80mm high pressure gauge	Y49163	1/8"NPT	-0.1~3.5MPa
ø80mm high pressure gauge with calibration certificate	Y49263	1/8"NPT	-0.1~3.5MPa

Manifold gauge

Manifold Gauge for R12 • R22 • R502

Indicates accurate pressure by flutterless technology.

Gauge with calibration certificate is suitable for sites required severe accuracy control. Glycerine - filled gauges for less fluter to read accurate value.



Easy to read even on a picture !!

R134a

For low pressure

R12 • R22 • R502

R407C • R404A • R507A

% ø68 gauge only for R507/

Item	Code No.	Connecting screw	Pressure reading
ø68mm low pressure gauge	Y49060	1/8"NPT	-0.1~1.7MPa
ø80mm low pressure gauge	Y49164	1/8"NPT	-0.1~2.4MPa
ø80mm low pressure gauge with calibration certificate	Y49264	1/8"NPT	-0.1~2.4MPa

Easy to read even on a picture !!





AI124

For high pressure

Item	Code No.	Connecting screw	Pressure reading
ø68mm high pressure gauge	Y49025	1/8"NPT	-0.1~3.4MPa
ø80mm high pressure gauge	Y49143	1/8"NPT	-0.1~3.5MPa
ø80mm high pressure gauge with calibration certificate	Y49243	1/8"NPT	-0.1~3.5MPa
ø80mm glycerine high pressure gauge	Y49171	1/8"NPT	0~3.5MPa
ø80mm high pressure gauge	AI124	1/8"NPT	-0.1~3.5MPa

For low pressure

Item	Code No.	Connecting screw	Pressure reading
ø68mm low pressure gauge	Y49026	1/8"NPT	-0.1~2.4MPa
ø80mm low pressure gauge	Y49144	1/8"NPT	-0.1~2.4MPa
ø80mm low pressure gauge with calibration certificate	Y49244	1/8"NPT	-0.1~2.4MPa
Ø80mm low pressure gauge (for heat pump)	Y49029	1/8"NPT	-0.1~3.4MPa
ø80mm low pressure gauge	AI127	1/8"NPT	-0.1~2.5MPa

Gauge protector (2pcs)

Protector for manifold gauges. Absorbs shock to the gauge and prevent off position of the needle.

Item	Code No.
ø68mm	Y49090
ø80mm	Y49190



Crystal gauge

Cover for manifold gauge.

Item	Code No.	
ø68mm	Y49010	
ø80mm	Y49100	

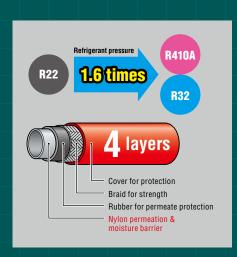


MANIFOLDS, CHARGING HOSES & VALVES



Safe recovery of high pressure refrigerant !! For R32 • R410A **CHARGING HOSE** PLUS II

Charging Hose Plus Π is applicable to R410A and R32



- Applicable to new refrigerant Four-layer double protection with rubber for permeate protection and special nylon for CHC, HCFC, and HFC.
- Special nylon prevents refrigerant from contamination with moisture.



turn by hand with a glove. Blow slot prevents the residual refrigerant from

Large fitting with knurl is easy to

> blowing against the operator.

Screw size	5/16" flare (UNF 1/2 – 20TPI)
Working temperature	-28.8~82.2°C
Burst pressure	27.5MPa
Working pressure	5.5MPa
Safety factor	Working pressure 1 : Burst pressure 5
Max length of hose	~30m

Signature and the second secon

for R32 • R410A

Charging Hose

R32 R410A 5/16"

Ideal for R32•R410A with high quality 4 layers.

Standard model for R32 · R410A



Length	Color	Code No.
	Yellow 📒	AI142
92cm	Blue 📕	AI144
	Red 📕	AI140
	3 PCS	AI146

Color	Code No.
Yellow 📒	AI143
Blue 📕	AI145
Red 📕	AI141
3 PCS	AI147
	Blue Red

for R32 •	R410A				
Charg	ing Hos	se Plus II	PAT.		
R32	R410A	screw size 5/16"			
	•	A & R32 with 4 la s, strong but flex			

High quality hose with high pressure resistance !!

Length	Color	Code No.
	Yellow 📒	Y21503
92cm	Blue	Y21523
92011	Red	Y21563
	3 PCS	Y21583
152cm	Yellow 📒	Y21505
	Blue	Y21525
	Red	Y21565
	3 PCS	Y21585



Length	Color	Code No.
	Yellow	Y21508
244cm	Blue 🗖	Y21528
244cm	Red 📕	Y21568
	3 PCS	Y21588

for R32 • R410A

Charging Hose Plus II (with ball valve) PAT.

screw size R32 5/16"

Hose for HCFC and HFC with ball valve to prevent refrigerant from venting.

The tip of ball valve is adjustable opener that can be connected to the access port directly.

Prevent refrigerant from leaking !!

Length	Color	Code No.
	Yellow 📒	Y29003
02om	Blue 📕	Y29203
92cm	Red 📕	Y29603
	3 PCS	Y29993
152cm	Yellow 📒	Y29005
	Blue	Y29205
	Red 📕	Y29605
	3 PCS	Y29995



YELLOW JACKET

Length	Color	Code No.
	Yellow 📒	Y29008
244cm	Blue 🗖	Y29208
2440111	Red 📕	Y29608
	3 PCS	Y29998

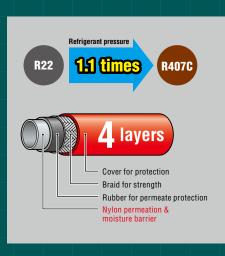
MANIFOLDS, CHARGING HOSES & VALVES



REFRIGERANT SERVICE TOOLS

High quality hose, high pressure resistance for safe works !!

For R407C • R404A • R507A • R34a **CHARGING HOSE** PLUS II



Applicable to new refrigerant Four-layer double protection with rubber for permeate protection and special nylon for CHC, HCFC, and HFC.

Special nylon prevents refrigerant from contamination with moisture.



turn by hand with a glove. Blow slot prevents the residual

Large fitting with knurl is easy to

> refrigerant from blowing against the operator.

Screw size	1/4" flare (UNF 7/16–20TPI)			
Working temperature	-28.8~82.2°C			
Burst pressure	27.5MPa			
Working pressure	5.5MPa			
Safety factor	Working pressure 1 : Burst pressure 5			
Max length of hose	~30m			

Sector of the se

	•R404A•R50 ng Hose	7A•R134a			
R407C•R4	04A•R507A	R134a	R12•R22•R502	screw size 1/4"	
Length	Color	Code No	o. Length	Color	Code No.
	Yellow	AI134		Yellow	AI135
92cm	Blue 📕	AI136	152cm	Blue 📕	AI137
92011	Red 📕	AI132	IJZGIII	Red 📕	AI133
	3 PCS	AI138		3 PCS	AI139
	• R404A • R50	74 • P12/2			

R404A • R507A Charging Hose Plus II PAT. R407C • R404A • R507A R134a R12 • R22 • R502 screw size 1/4"

Four-layer double protection with rubber for permeate protection and special nylon hose for HFC suchas R407C and R404A and HCFC like R22. Regardless of many layers, strong but flexible and easy to use.

High quality hose with high pressure resistance !!



30cm	Yellow 📃	Y21012
	Blue 🗖	Y21212
	Red 📕	Y21612
	3 PCS	
92cm	Yellow 📒	Y21036
	Blue 🗖	Y21236
	Red 📕	Y21636
	3 PCS	Y21983
152cm	Yellow 📒	Y21060
	Blue 🗖	Y21260
	Red 📕	Y21660
	3 PCS	Y21985

	with valve core opener			
Length	Color	Code No.		
	Yellow	Y21072		
183cm	Blue 🗖	Y21272		
103011	Red 📕	Y21672		
	3 PCS	Y21986		
	Yellow –	Y21096		
244cm	Blue 🗖	Y21296		
244611	Red 📕	Y21696		
	3 PCS	Y21988		

for R407C • R404A • R50	7A•R134a			
Charging Hose	Plus II	(with ball valve) PA	Г.	YELLOW JACKET
R407C•R404A•R507A	R134a	R12.R22.R502	screw size 1/4"	
Hose for HCFC and HFC with barefrigerant from venting. The tip of ball valve is adjustabl connected to the access port disconnected to the access port disconn	e opener that rectly.	can be	with valve co	ore opener

Length

183cm

244cm

Yellow |

Blue 📕

Red

3 PCS

Red 3 PCS

Yellow Blue 📕 Y29072 Y29272

Y29672

Y29096 Y29296 Y29696 Y29988

Length	Color	Code No.
	Yellow	Y29036
92cm	Blue	Y29236
92011	Red 📕	Y29636
	3 PCS	Y29983
	Yellow -	Y29060
152cm	Blue	Y29260
	Red 📕	Y29660
	3 PCS	Y29985

Charging hose (different diameters)						
1/4"×5/16" Charging Hose Plus II PAT. 🔟 Jätkey						
R32	R410A	R407•C	R404A • R507A	R134a	R12 • R22 • R502	
Q	Nylon pe	rmeation &				
Nylon permeation & moisture barrier Rubber for permeate protection		Screw size		e (UNF 7/16-20TPI) × re (UNF 1/2-20TPI)		
4 layers	4		Proof / Burst	5.5MPa/	27.5MPa	

Hose for R410R or R32 with metal fitting (1/4" and 5/16") to prevent refrigerant from venting. Regardless of many layers, strong but flexible and easy to use.

One side 5/16" and the other side 1/4". No need of different diameter adapter

diameter adapter when connect R410A equipment to recovery machine!!



Length	Color	Code No.
92cm	Yellow 📒	Y21403
152cm	Yellow 📒	Y21405
152cm	Blue	Y21425
152cm	Red 📕	Y21465
183cm	Yellow 📒	Y21406

Charging hose (large diameter) 3/8" Charging Hose Plus II PAT.						
R32	R410A	R407C•R404	A•R507A	R134a	R12R•22R•502	Large flow
0		on permeation & isture barrier	Screw	size	3/8" Flare (UNF 5/8 – 1	I 8TPI)
	Rul	bber for permeate tection	Proof /	Burst	4.1MPa / 20.7MPa	
4		id for strength	Working ter	nperature	-28.8~82.2°C	
layers	N	ver for protection	Safety f	actor	1 (Proof):5 (Burst)	

4 - layers and large diameter long Plus II Hose. Regardless of many layers, strong but flexible and easy to use.

3/8" thick hose keeps enough flow specialy for long distance works !!



Length	Code No.	Length	Code No.
30cm	Y14512	500cm	Y14617
92cm	Y14536	762cm	Y14625
152cm	Y14560	1000cm	Y14633
183cm	Y14572	1500cm	Y14650
244cm	Y14596	2200cm	Y14675
366cm	Y14612	3000cm	Y14699

Long charging hose							
1/4" Charging Hose Plus II (long type) PAT. 💓 JELLEY							
R32	R410A	R407•C	R404A•R507A	R134a	R12•R22•R502		
	moisture	or permeate	Screw size	1/4" Flare	e (UNF 7/16-20TPI)		
4 layers	Braid for		Proof / Burst	5.5MPa	/ 27.5MPa		

Long type of Plus II Hose with four-layers.

Regardless of many layers, strong but flexible and easy to use.



Length	Code No.	Length	Code No.
500cm	Y21117	2200cm	Y21175
762cm	Y21125	3000cm	Y21200
1000cm	Y21133	5000cm	Y00211
1500cm	Y21150		

* Please refer to P.33 for different diameter 5/16" female × 1/4" male. (Y06110K)

Charging hose with hose reel (large diameter) 3/8" Charging Hose Plus II (with Hose Reel) PAT. Code No.XP582 R32 R410A R407C+R404A+R507A R134a R12R+22R+502 Code No.XP582 For 3/8" charging hose. Reel up to 40m. ** 30m Plus II hose in set.

Rollable hose size Diamet

ize Diameter: 3/8" • Length: ~ 40m

ssories 3/8" Charging Hose Plus II 30m, Hose Reel

VACUUM PUMPS

Charging hose for large diameter

1/2" Heavy Duty Charging Hose Plus II PAT. JACKET

R32	R410A	R407C•R404A•R507A		R134a	R12R•22R•502	Large flow
y.		permeation & ure barrier	Screw s	ize	1/2" Flare (UNF 3/4 - 16	TPI)

indisture barrier	00.011 0.20	
Rubber for permeate	Proof / Burst	4.1MPa / 20.7MPa
4 Braid for strength	Working temperature	-28.8~93.3°C
ayers Cover for protection	Safety factor	1 (Proof):5 (Burst)

4-layers and large diameter long $\mathsf{Plus}\, \mathbb{I}$ Hose.

la

Regardless of many layers, strong but flexible and easy to use.

Length	Code No.	Length	Code No.
30cm	Y15812 (%1)	500cm	Y15917 (%1)
61cm	Y15824	762cm	Y15925 (%1)
92cm	Y15836	1000cm	Y15933 (%1)
183cm	Y15872	1500cm	Y15950 (%1)
244cm	Y15896	2200cm	Y15975 (%1)
366cm	Y15912 (%1)	3000cm	Y15999 (%1)

% Other length of hoses are available. (max length - 50m) *1 Contact us for delivery date available

Charg	ing hose	for large diar	neter				
5/8"	Heavy	/ Duty Ch	arging H	lose P	lus 🛛 🛛	PAT. 🔟	YELLOW JACKET
R32	R410A	R407C•R40	4A•R507A	R134a	R12R•2	22R•502	Large flow
A	Nylon	permeation &	Sorows	izo	E/9" Eloro (I	INE 7/9 1/T	וח׳

Nylon permeation & moisture barrier	Screw size	5/8" Flare (UNF 7/8 - 14TPI)
Rubber for permeate	Proof / Burst	4.1MPa / 20.7MPa
4 Braid for strength	Working temperature	-28.8∼93.3°C
Layers Cover for protection	Safety factor	1 (Proof):5 (Burst)

4 - layered 5/8" heavy duty charging hose never become flat - ideal for vacuuming. Ideal for using a large recovery machine.

Length	Code No.	Length	Code No.
30cm	Y16012 (%1)	762cm	Y16125 (※1)
92cm	Y16036	1000cm	Y16133 (※1)
152cm	Y16060	1500cm	Y16150 (%1)
244cm	Y16096	2200cm	Y16175 (※1)
366cm	Y16112 (※1)	3000cm	Y16199 (%1)

* Other length of hoses are available. (max length - 50m) %1 Contact us for delivery date available

Charging hose for large diameter 3/4" Heavy Duty Charging Hose Plus II PAT. 💟 JELLEY R134a R12R•22R•502 R32 R407C•R404A•R507A Large 410/



4-layered 3/4" heavy duty charging hose never become flat-ideal for vacuuming. Ideal for using a large recovery machine.

Length	Code No.	Length	Code No.
92cm	Y18436 (%1)	1500cm	Y18550 (%1)
244cm	Y18496	2000cm	Y18566 (%1)
300cm	Y18510	2200cm	Y18575 (%1)
500cm	Y18517 (%1)	2500cm	Y18582 (%1)
600cm	Y18520 (%1)	3000cm	Y18599 (%1)
1000cm	Y18533 (※1)	3800cm	Y18598 (%1)
1200cm	Y18540 (%1)		

※ Other length of hoses are available. (max length - 50m)

%1 Contact us for delivery date available

Even recover or vacuum from a distance, no decrease in efficiency with large diameter !!



REFRIGERANT SERVICE TOOLS

Even recover or vacuum from a distance, no decrease in efficiency with large diameter !!



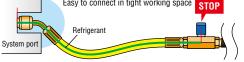
Even recover or vacuum from a distance, no decrease in efficiency with large diameter !!



;harg	jing Hose for	R134a M10		
Blue:C	ode No. <mark>Y02409M</mark>			
134a	Screw size M10			
		-		
2	Rubber for permeate	Screw size	M10-1.5	
		Screw size Proof / Burst	M10-1.5 3.4MPa / 17.2MPa	
3	protection			

Repair parts	Item	Code No.
	Hose packing for M10 (10 PCS)	Y02501A
	Valve core opener (1 PCE)	XP408



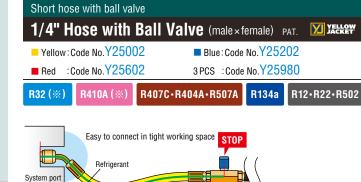


al for R134a equipments like heat pump !!

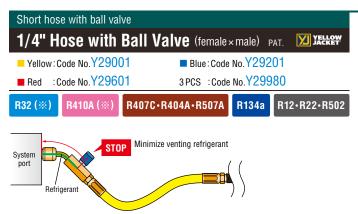


Ideal for stopping refrigerant venting when removing the hose. With Ball Valve, easy to see if the valve is Open/Close by the handle position !!





When using for R32 and R410A, Y19173:5/16"×1/4" quick adapter and Y19174:1/4"×5/16" quick adapter are optionally required.

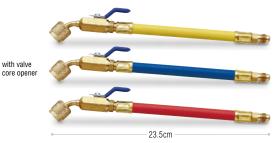


When using for R32 and R410A, Y19173:5/16" × 1/4" quick adapter and Y19174:1/4" × 5/16" quick adapter are optionally required.

Ideal for stopping refrigerant venting when removing the hose.







GAS LEAKAGE DETECTION & PREVENTION

REFRIGERANT SERVICE TOOLS

High durability charging hose

1/4" Stainless Steel Braid Charging Hose 🔟 JELLEY

R410A (%) R407C•R404A•R507A R134a R32 (※) R12.R22.R502

Braided with stainless steel wire, high durability even under high pressure or high temperature. Penetration and moisture proof.

Suitable for high degree vacuuming.

Applicable to HFC, HCFC, CFC, R123, and other refrigeration oils.

* Not applicable to ammonia.

Length	Code No.	Minimum bending radius	Screw size	Working pressure	Safety factor
92cm	Y81636	1/4° Flare 140mm or more (UNF 7/16–20TP		8.8MPa	1:4
122cm	Y81648		1/4" Flare (UNF 7/16–20TPI)		
152cm	Y81660				
1000cm	Y81733				
2000cm	Y81766				

* Other screw size and hose length are available. When using for R32 and R410A, Y19173:5/16"×1/4" quick adapter is optionally required.

High durability charging hose (large flow)						
1/8" Stainless Steel Braid Charging Hose 🗵 🖽						
92cm : Coo	92cm:Code No.Y81736 122cm:Code No.Y81748					
152cm : Code No. Y81760						
R32 (※)	R410A (%)	R407C•R404A•R507A	R134a	R12.R22.R502		

Braided with stainless steel wire, high durability even under high pressure or high temperature. Penetration and moisture proof.

Suitable for high degree vacuuming.

Applicable to HFC, HCFC, CFC, R123, and other refrigeration oils. * Not applicable to ammonia.

Minimum bending radius	165mm or more
Safety factor	1 (working pressure) : 5 (burst pressure)
Screw size	3/8" Flare (UNF 5/8-18TPI)
Working pressure	6.9MPa

Solder typed charging hose					
Solder Joints Stainless Hose					
R32	R410A	R407C•R404A•R507A	R134a	R12•R22•R502	

Ideal for permanent joint.

Connectable female to copper pipe and male to fitting.

Braided with stainless steel wire, high durability even under high pressure or high temperature. Penetration and moisture proof.

Suitable for high degree vacuuming.

Applicable to HFC, HCFC, CFC, R123, and other refrigeration oils. % Not applicable to ammonia.

Longth	Code No.	Pipe fitting size		Working	Safety	
Length	Coue No.	female	male	pressure	factor	
	Y86136	1/4"		8.8MPa	1:5	
	Y86236	3/8"		6.9MPa	1:5	
92cm	Y86336	1/2"		8.3MPa	1:3.3	
92011	Y85136	—	1/4"	8.8MPa	1:5	
	Y85236		3/8"	6.9MPa	1:5	
	Y85336		1/2"	8.3MPa	1:3.3	

Ideal for vacuuming, charging, vibration isolating device, and movable parts !! High durability with stainless steel braid !!



Ideal for vacuuming, charging, vibration isolating device, and movable parts !! High durability with stainless steel braid !!



Ideal for vacuuming, charging, vibration isolating device, movable parts, and also permanent joint !!



For removing valve core
<u>Valve</u> Core Tool

Code No.Y19306



For removing valve core in service port. Possible to storage valve cores. Valve core applicable to CFC • HCFC • HFC.



Weight	Dimension	Standard accessories
50g	ø19×H42mm	Valve core×6 PCS

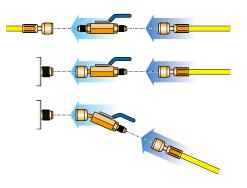
JACKET

Optional	Item	Code No	Quantity
	Valve Core	Y19305	10 PCS

Preventing refrigerant from venting						
Ball Valve 🔀 JÆŁŁEY						
R32 (※)	R410A (※)	R407C•R404 R507A	R12 • R22 R502	R134a	Opening/closing• flowing•releasing Prevention	

※ R32 & R410A applicable to 5/16" port size items.

High performance Ball Valve applicable to CFC, HCFC, HFC. Applicable to high pressure refrigerant such as R32/R410A. Opening and closing are obvious in handle position with ball valve. Various valves in accordance with the situation. Ideal for stopping refrigerant venting!!



	Item		Code No.	Size		
	Itel	m		Code No.	female	male
1/4" Ball Valve	female × male	male×male	female×male	Y93844	1/4"	1/4"
With valve co	re opener		male×male	Y93834		1/4"
1/4" Ball Valve 45° With valve co	ore opener		female × male	Y93843	1/4"	1/4"
3/8" Ball Valve	female × male	male × male	female×male	Y93846	3/8"	3/8"
			male×male	Y93836		3/8"
1/2" Ball Valve	female × male	male×male	female×male	Y93848	1/2"	1/2"
			male×male	Y93838		1/2"
5/16" Ball Valve 45° (R32/R410A) With valve co	ore opener		female × male	Y93827	5/16"	5/16"
1/4"×5/16" Ball Valve45 (R32/R410A)	•	D	female×male	Y93826	1/4"	5/16"
With valve co	pre opener		female×male	Y93825	5/16"	1/4"
1/8" NPT×1/4" Ball Valvo	e		female×male	Y69067	1/4"	1/8" NPT



For connecting different sizes Adapter for Different Diameter For the joints of different diameter For port size change !! 7. =:: (2) wrench tightning type (3) hand tightning type ① quick type with valve core opener Adapter for Different Diameter (Quick type) ① Y19102 1/4" 3/8" 2 Y19130 3/8" 1/4" 2 Y19131 1/2" 3/8" Adapter for Different Diameter (Wrench tightning type) 2 Y19132 1/2" 1/4" 2 Y19133 3/8" 1/2 3 Y06110K 5/16" 1/4" Adapter for Different Diameter 3 Y06114K 1/4" 5/16"

Repair parts		Item		Code No.
O - ring for Adapter for Different Dia O - ring for Adapter for Different Dian		fferent Diameter P6		XP542
		ferent Diameter 10 P	CS (For Y19133)	Y19030

3 Y06115K

3 Y06116K

5/16"

1/4"

3/8"

3/8"

For port size change !!

Item	Cada Na	Si	Size		
Itelli	Code No.	female	male		
Adapter for Different Diameter (Copper packing)	XP765	3/4"	5/8"		
	XP766	5/8"	1/2"		
	XP767	1/2"	1/4"		
	XP769	5/8"	3/4"		
	XP770	1/2"	5/8"		
	XP773	3/8"	1/2"		
	ES358	1/4"	1/2"		

For preventing leaks from ports

(Hand tightning type)

Metal Cap with Strap

Strong metal flare cap. Packing doesn't come off when detaching under the pressure. To prevent leakage of refrigerant from A/C and storage tanks.



Replacement gaskets for rubber charging hose			
Hose Gasket (10PCS)			
1/4"•5/16":Code No. <mark>Y19020</mark>	3/8":Code No. <mark>Y19011</mark>		
1/2"•5/8" :Code No. <mark>Y19015</mark>	3/4": Code No. Y19012		

Gaskets for rubber Charging Hose, Quick Charging Valve, Ball Valve, Quick Adapter, and Adapter for different diameters.



Brass Fitting

Copper pipe fitting



Item	Code No.	Quantity
 Flare Female Joint 1/4" 	BF0020	1
① Flare Female Joint 3/8"	BF0021	1
1) Flare Female Joint 1/2"	BF0022	1
① Flare Female Joint 5/8"	BF0023	1
2 Flare Plug 1/4"	BF0015	5
② Flare Plug 3/8"	BF0016	5
② Flare Plug 1/2"	BF0017	5
2 Flare Plug 5/8"	BF0018	1
② Flare Plug 3/4"	BF0019	1
③ Internal Flare Union 1/4"	XP502	1
③ Internal Flare Union 3/8"	ES714	1
③ Internal Flare Union 1/2"	XP504	1
④ Flare Seal Cap 1/4"	BF0024	5

For preventing leaks from ports Flare Cap (6PCS) 1/4": Code No.XP693 5/16": Code No.XP793 Packing doesn't come off when detaching under the pressure. To prevent leakage of refrigerant from A/C and storage tanks.



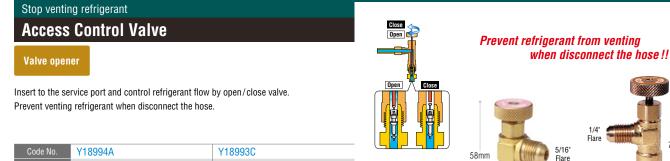
Material Plastic

Replacement valve opener for charging hose	
Valve Core Opener (10PCS)	
Code No.Y19302	
Valve core opener for Charging Hose, Ball Valve, Quick Adapter.	



% Please refer to P.30 for charging hoses whose code no. ends with A or M.





Applicable to	R32, R410A	R407C, R404A, R507A, R134a, R12, R22, R502
Size	5/16" (UNF 1/2-20)	1/4" (UNF 7/16-20)
Spare Parts	Gasket (1pcs): Y020010ES	O-ring P8 (10pcs) HNBR: XP57 O-ring P4 (10pcs) HNBR: XP57 Gasket (10pcs): Y08000K

58mm 5/16° Flare	1/4" Flare	
5/16" Flare		
Y18994A		

1/4" Flare Y18993C

73 mm

For charging refrigerant safely with filter		
Charge Faster		
CH-100A:Code No.WA6628	CH-100:Code No.WA6625	

Built - in mesh filters prevent dust from entering.

Changes liquid refrigerant to vapour and charges to the system safely without load !!

Item	CH-100A	CH-100
Applicable to	R32, R410A	R407C, R404A, R507A, R134a, R12, R22, R502
Screw size	5/16" Flare female×5/16" Flare male	1/4" Flare female×1/4" Flare male
Application	Small system (~ 3/4 t)	Small system (~ 3/4 t)



1/4" Flare

5/16" Flare

CH-100A

5/16" F	lar
2	
	L
1	2
1/4" F	lare



INLET

Charge Faster,

MODEL CH-100

OUTLET

Application Small system (~3/4t) For charging refrigerant safely Liquid Charge Adapter

Changes liquid refrigerant to vapour and charges to the system safely without load !!

Code No.	Y41124	Y41123
Applicable to	R32, R410A	R407C, R404A, R507A, R134a, R12, R22, R502
Screw size	5/16" Flare female×5/16" Flare male	1/4" Flare female×1/4" Flare male
Application	Small system	Small system
Spare Parts	5/16" O-ring • Orifice (for LC adapter): Y41138	1/4" O - ring • Orifice (for LC adapter) : Y41132

Mistral Retrigerant





Adapter for connecting

Cylinder Adapter

Adapter for connecting refrigerant cylinder to charging hose.

REFRIGERANT SERVICE TOOLS

For direct connection of a refrigerant cylinder

for R32 • R410A to a charging hose !!

