

Valve / Adapter / Part

Full Control Ball Valves for Vacuum / Charging

- 1. When building your own charging/vacuum system, these straight flow-through valves connect hoses and provide full-flow capacity
- 2. No angles to cause restrictions and pressure drops
- 3. Handle position shows when the valve is open, securely closed and anywhere between

	Male Fl. x Male Fl.	Male F. x Female Fl.	Male Fl. x 1/4" NPT Female
1/4" SAE	PR834	PR844	PR833
5/16" SAE	--	PR827	-
3/8" SAE	PR836	PR846	PR832
1/2" SAE	PR838	PR848	-
1/2" Acme	PR830	PR840	PR831

5/16" for Special R-410A Applications	
PR825	5/16" SAE Female x 1/4" SAE Male
PR826	1/4" SAE Female x 5/16" SAE Male
PR827	5/16" SAE Female x 5/16" SAE Male

Compact ball valves are available with 5/16" SAE For R-410A applications where 5/16" SAE port used

Available for Ball Valve

- 1. Swivel nut straight x male full flow ball valve (**PRBV3**)
- 2. 45° Swivel elbow x male full flow ball valve (**PRBV45**)
- 3. 90° Swivel elbow x male full flow ball valve (**PRBV90**)
- 4. 90° Swivel nut x male full flow ball valve (**PRBV905**)
- 5. Nut straight x male full flow ball valve (**PRBVM**)



Hand Shut-off Valve



PR172	1/4"
PR173	3/8"
PR174	1/2"
PR175	5/8"

Anti-blow Back Valve & Piercing Valve

PR1384

- E-Z Tapper, used on water and refrigerant lines
- 1 Eliminate line restriction by back seating stem when servicing through access port or use valve for flow control. To add branch connection, close valve and remove valve core. Stainless steel piercing needle.
- 2 Valve fits 3/16" thru 3/8" and their metric equivalent OD tube sizes Self-aligns on tube. Valve core for built-in flow check.
- 3 Furnished with cap.



Angle & Straight Needle Type Instrumentation Valves

Gasket seal 1/4" with valve depressor



PR3081	1/4" SAE Female x 1/4" SAE Male
PR3082	5/16" SAE Female x 5/16" SAE Male
PR3083	1/4" SAE Female x 5/16" SAE Male
PR3084	5/16" SAE Female x 1/4" Male

Zinc Alloy Tube Piercing Valve

PR2672
For 1/4", 5/16", 3/8" tubing

PR2673
For 1/2", 5/8" tubing



Adapter

Quick Couplers (Expanded line)

1. Female coupler end has deep knurling for easy handling
2. Special features include Adjust-a-valve-opener in all 1/4" female ends
3. Acme conversion couplers are available for recovery tank threads and R-134a cylinder threads



Straight Quick Couplers			90° Quick Couplers			R-410A Couplers 45° - with Schrader valve core		
Model	Female QC Straight	Male	Model	Female QC 90°	Male	Model	Female QC 45°	Male with Schrader
PR101	1/8"SAE	1/4"SAE	PR114	3/16"SAE	1/4"SAE	PR112	5/16"SAE	1/4"SAE
PR102	3/16"SAE	1/4"SAE	PR115	1/4"SAE	1/4"SAE	PR113	1/4"SAE	5/16"SAE
PR103	1/4"SAE	1/4"SAE	PR116	1/4"SAE	3/8"SAE	Gauge Quick Couplers with adjustable valve opener		
PR104	1/4"SAE	3/8"SAE	PR117	3/8"SAE	3/8"SAE	Model	Female QC	Female
PR105	1/4"SAE	1/8"NPT	PR118	3/8"SAE	1/2"SAE	PR119	1/4"SAE	1/4"SAE
PR106	1/4"SAE	1/4"NPT	1/2" Acme Coupler – Auto Straight			PR120	1/4"SAE	1/8"SAE
PR107	1/4"SAE	1/4"NPT Female	Model	Female	Male	5/16" Quick Couplers with adjustable valve opener		
PR108	3/8"SAE	3/8"SAE	PR125	1/4"SAEQC	1/2"Acme	Model	Female QC	Male
PR109	3/8"SAE	1/4"SAE	PR126	1/4"SAE HEX	1/2"Acme	PR121	5/16"SAE Straight	1/4"SAE
PR110	1/2"SAE	3/8" SAE	PR127	1/2"Acme	1/2"Acme	PR122	5/16"SAE 90°	1/4"SAE
PR111	3/8"SAE	1/2"SAE	PR128	1/2"Acme	1/4"SAE	PR123	1/4"SAE Straight	5/16"SAE
			PR129	1/2"Acme	1/8"NPT	PR124	1/4"SAE 90°	5/16"SAE
			PR130	1/2"Acme	14mm			

1/4"SAE Tee Connector Fittings

Model	One End	Middle	One End
PRT2P	1/4"SAE Male with valve core	1/4"SAE Male	1/8"NPT Male
PRT4	1/4"SAE Male with valve core	1/8"SAE Male	1/4"SAE Male
PRT4B	1/4"SAE Male with valve core	1/8"SAE Male	1/4"SAE Male
PRT4P	1/4"SAE Male with valve core	1/4"SAE Male	1/8"NPT Male
PRT4M	1/4"SAE Male	1/8"NPT Male	1/4"SAE Male with valve core
PRT44	1/4"SAE Female Hex	1/4"SAE Male	1/4"SAE Male with valve core
PRT45	1/4"SAE Male	1/4"SAE Female with deep knurling	1/4"SAE Male
PRT48	1/4"SAE Male	1/4"SAE Female with deep knurling	1/2"Acme Male
PRT64	1/4"SAE Male with valve core	1/4"SAE Male	1/4"SAE Female Hex
PRT64B	1/4"SAE Male with valve core	1/4"SAE Male	1/4"SAE Female Hex
PRT87	1/4"SAE Male	5/16"SAE Female	5/16"SAE Female



Liquid Charging Adapter

PR148 (1/4"SAE Liquid Charging Adapter)

PR149 (5/16"SAE Liquid Charging Adapter)

Liquid charging is recommended when charging blends into refrigeration and air conditioning systems, and a liquid charger adapter is necessary for safe and fast liquid charging through the low pressure side of a system

1. The adapter connects to the cylinder valve or refrigerant can
2. To protect the compressor, adapter orifice reduces liquid flow to a level below compressor capacity
3. Eliminates the time and work of heating cylinders



Vacuum Pump Intake Adapter

Reducing adapters for pump intakes on vacuum pumps

Model	Female	Male
PR141	3/8"SAE	1/4"SAE
PR142	1/2"SAE	3/8"SAE
PR143	1/2"SAE	1/4"SAE
PR144	1/2"Acme	1/2"Acme
PR145	3/8"SAE	1/2"SAE



Convert a 3/8" or 1/2" vacuum intake into 1/4" R-12 and 1/2"Acme R-134a compatible fittings

PR146

1/2" Pump adapter with 1/4"SAE and 1/2"Acme male fittings

PR147

3/8" Pump adapter with 1/4"SAE and 1/2"Acme male fittings



Add-a-hose Coupler

Add-a-hose coupler easily connect hoses to the length desired

PR134	3/16"SAE Male
PR135	1/4"SAE Male
PR136	3/8"SAE Male
PR137	1/2"SAE Male
PR138	5/8"SAE Male
PR139	3/4"SAE Male
PR140	1/2"Acme Male



125 and 145 lb. Cylinder Valve Adapter

Finger tight adapters fit 125 and 145 lb. cylinders. Seal remains seated

PR131 (3/4"NPS finger tight cylinder adapter with 1/4"SAE male fitting)

PR132 (3/4"NPS finger tight cylinder adapter with 3/8"SAE male fitting)



Valve Core Tools

1/4"SAE 4-In-1 Core Valve Tool

PRVC12 (With side port)

PRVC13 (Without side port)

Remove and replace Schrader cores without losing charge
 1 Vacuum valve. Extra 1/4" side port on the PRVC12 to attach electronic micron vacuum gauge right at system for greater accuracy or to add refrigerants. Working pressure of 800 psi.
 2 Core removal access. Lets you evacuate and charge through an

unrestricted line for increased speed and higher vacuum.

3 Core replacement.

4 Recovery valve. Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process.



5/16"SAE 4-In-1 Core Valve Tool

PRVC20 (With side port)

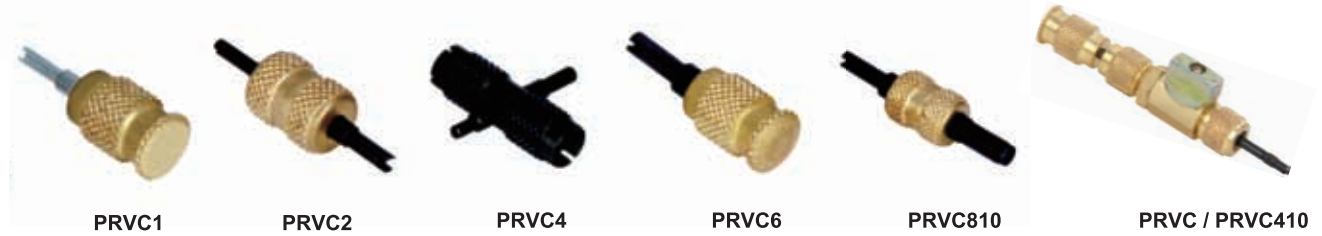
PRVC21 (Without side port)

Similar to the 1/4"SAE 4-in-1 core valve tool but with 5/16"SAE fitting and use for R-410A



Valve Core Tools

Model	Description	Automotive	Commercial
PRVC1	Standard valve core w/4 cores	No	R-22,R-404a,R-407c
PRVC2	Dual valve core standard & large bore	R-12 & some R-134a	R-22, R-507, R-407c
PRVC4	With port rethreader	R-12 Only	R-22, R-507, R-134a
PRVC6	JRA 6mm valve core	R-134a Cars Made In Japan	R-22, R-507, R-407c
PRVC810	Eaton 8 & valve core	R-134a Cars with 8 & 10mm	R-22, R-507, R-404a
PRVC	1/4" SAE Remover & Installer	R-12 only	R-12 only
PRVC410	5/16"SAE Remover/installer	R-410A	R-410A

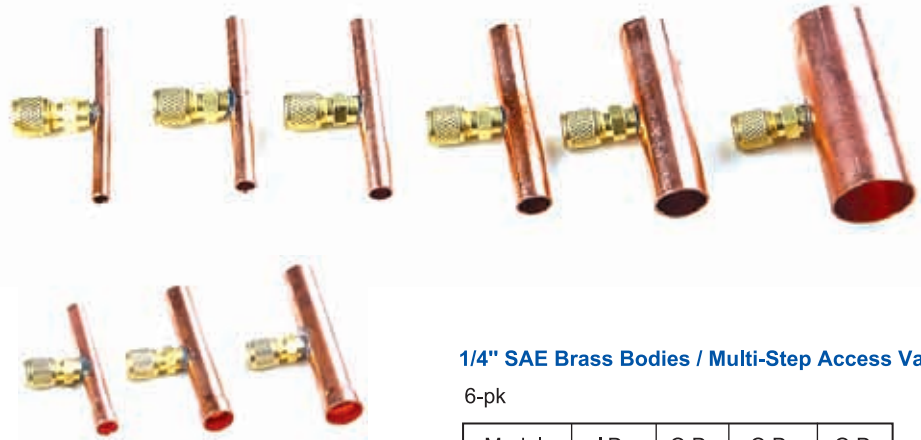


Access Fittings

Copper Tee

2-pk

Model	Description
PRCT4	1/4"SAE x 1/4" O.D.
PRCT5	1/4"SAE x 5/16" O.D.
PRCT6	1/4"SAE x 3/8" O.D.
PRCT8	1/4"SAE x 1/2" O.D.
PRCT10	1/4"SAE x 5/8" O.D.
PRCT12	1/4"SAE x 3/4" O.D.
PRCT14	1/4"SAE x 7/8" O.D.
PRCT18	1/4"SAE x 1-1/8" O.D.



1/4" SAE Brass Bodies / Multi-Step Access Valves

6-pk

Model	I.D.	O.D.	O.D.	O.D.
PRB28	3/16"	1/4"	-	-
PRB32	1/4"	3/8"	-	-
PRB327	3/16"	1/4"	3/8"	-
PRB6	6mm	8mm	10mm	-
PRB272	1/8"	1/4"	3/16"	5/16"



1/4"SAE Extended Copper Tube

6-pk

Model	ID	OD
PR2	1/16"	1/16"
PR3	1/8"	3/16"
PR4	3/16"	1/4"
PR5	1/4"	5/16"
PR6	5/16"	3/8"
PR6MM	5mm	6mm

Inversion Junctions

Model	Description
PR1056	1/4"Male x 1/4"Female
PR1057	3/8"Male x 3/8"Female
PR1058	1/2"Male x 1/2"Female
PR1059	5/8"Male x 5/8"Female

