

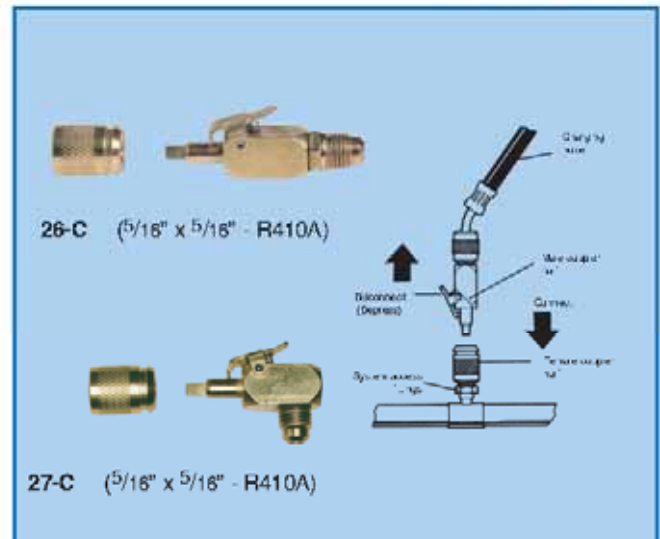
## QUICK COUPLERS R410A

### SERVICE QUICK COUPLERS

26-C	<b>STRAIGHT COUPLER</b> complete 5/16" MFL x 5/16" FFL
27-C	<b>90° ELBOW COUPLER</b> complete 5/16" MFL x 5/16" FFL

#### ADVANTAGES:

- Automatic full depression of Core Valves without adjustment, regardless of core position. Coupler halves separately connect to Service Port Access Fitting and Hose end. The easy push/pull operation automatically opens or closes system without loss of costly refrigerant.
- Automatic shut-off of hose ends permits discharging of High-side hose pressure into Low-side hose through manifold. Eliminates hazardous discharge of refrigerant and oil from High-side of system when disconnecting hose. Hoses can be stored under slight overpressure, if required, in order to prevent contamination.
- Core Depressors in hose ends not necessary. **Speeds servicing** of systems with hand valves.



## HOSE COUPLERS R410A

### STRAIGHT BALL VALVES

- Colour coded valves.
- Safety purging slots in swivel ends.

BVS-05-04B	5/16" FFL swivel	x	1/4" MFL, blue
BVS-05-04R	5/16" FFL swivel	x	1/4" MFL, red
BVS-05-04Y	5/16" FFL swivel	x	1/4" MFL, yellow

### ANGLED (90°) BALL VALVES

- Colour coded valves.
- Safety purging slots in swivel ends.

BVA-05-04B	5/16" FFL swivel	x	1/4" MFL, blue
BVA-05-04R	5/16" FFL swivel	x	1/4" MFL, red
BVA-05-04Y	5/16" FFL swivel	x	1/4" MFL, yellow



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

BVA-05-04R

## THUMBSCREW GAS CONTROL ACCESS VALVES FOR HOSES WITH STANDARD CORE DEPRESSOR

MV-5060	1/4" MFL (for hose) x 5/16" FFL (swivel nut for all access valves or fittings) <i>SUPER COMPACT TYPE</i> (gasket).
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MV-2080	1/4" MFL (for hose) x 5/16" FFL (swivel nut for all access valves or fittings) <i>PROFESSIONAL TYPE</i> .
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- These thumbscrew core depressors are designed to be used on the end of a charging hose.
- When attached to an access fitting, they can depress the core and control the flow of gas. This also means the core can be shut-off before disconnecting, thus avoiding a spit back on your hand or in the atmosphere.
- The seals on each part have broad compatibility with the **USUAL** as well as **NEW refrigerants**.



MV-5060



MV-2080

## ACCESS VALVE R410A

### SOLDER TYPE LINE VALVE METRIC

MV-8500	5/16" MFL (+ core & cap) x outside 6 mm & 8 mm & 10 mm.
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MV-8500

## SOLDER TYPE ACCESS VALVE R410A

### STRAIGHT SOLDER WITH TUBE EXTENSION

**MV-8505-050** 5/16" MFL (+ core & cap) x ODS 6 mm, compatible with R410A (ext. length 50 mm).

#### • USUAL INSTALLATION INSTRUCTIONS:

- 1- Remove cap and core.
- 2- Insert tubing or body into the corresponding size line or hole and braze into place.
- 3- Replace core, tighten, evacuate and charge the system, replace cap.



## CORE REMOVAL TOOL R410A

**MV-3956** 5/16" FFL x 5/16" MFL rear with ball valve and 1/4" MFL side port (+ core)

#### SPECIFICATIONS

- These core removal tools are used to remove a valve core from a male flare access fitting, without loss of refrigerant.
- With the valve core out, many operations can be performed, including:
  - Replacing a bad core.
  - Adding or removing refrigerant more efficiently.
  - Measuring system pressure by attaching a gauge.
- MV-3956 has been improved with an easy finger 1/4 turn ball valve design.
- These patented core removal tools are strictly manufactured in accordance with the ARI norms and US standards.

#### OPERATING INSTRUCTIONS

1. Attach the tool with the front coupler to a 5/16" male flare fitting, thumb tight.
2. With the shut-off valve (or ball valve) **completely** open, push extractor rod in and secure the valve core.
3. Turn extractor rod counter clockwise to unscrew the core.  
**Caution:** grasp extractor rod tightly when unscrewing valve core when higher system pressure is expected.
4. Slowly allow extractor rod to extend back as far as possible to allow the shut-off valve (or ball valve) to be closed. (System pressure will help.)
5. Close shut-off valve (or ball valve) completely by turning the knob clockwise.
6. Remove rear coupler, extractor rod and valve core. With the valve core removed, system can be accessed through the 1/4" male flare rear fitting of the tool (or the side port if available).
7. To replace a valve core, put new valve core on extractor rod and attach extractor rod coupler to rear fitting on the tool, thumb tight.
8. Open shut-off valve (or ball valve) **completely** by turning the knob counter clockwise.
9. Push extractor rod in and secure valve core in fitting by turning clockwise.

**Note:** when side port is not used, make sure the cap is always installed.



## CAP R410A

**MV-4910** 5/16" flare SAE heavy duty round brass CAP with "NEOPRENE" seal.



## QUICK COUPLERS R410A

**QCS-5/16x1/4** STRAIGHT ADAPTER for R410A  
5/16" FFL swivel with core depressor x 1/4" MFL.

**QCA-5/16x1/4** 90° ANGLED ADAPTER for R410A  
5/16" FFL swivel with core depressor x 1/4" MFL.



#### SPARE PARTS

**MV-85/G** Gasket 5/16" for MV-85.. series  
**MV-5164** Gasket 5/16" for MV-5060