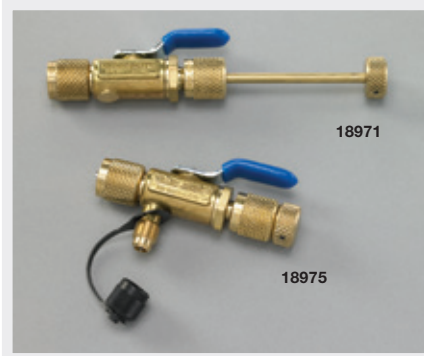


1/4" 4-IN-1 BALL VALVE TOOL

For vacuum, charge, cores and recovery

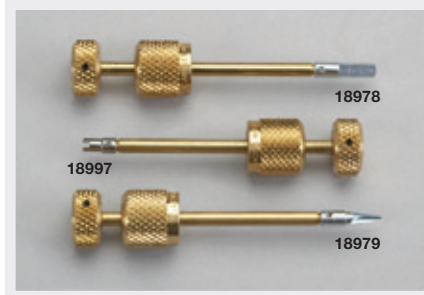


Remove and replace Schrader cores without losing charge.

- Extra 1/4" side port on 18975 to attach electronic micron vacuum gauge right at system for greater accuracy or to add refrigerant
- Evacuate and charge through an unrestricted line for increased speed and higher vacuum
- Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process



| UPC# | Description |
|-------|--|
| 18975 | Vacuum/charge valve with side port |
| 18971 | Vacuum/charge valve without side port |
| 18980 | Accessory set - 2 piece |
| 18978 | Schrader rethreading accessory |
| 18979 | Broken Schrader remover accessory |
| 18983 | Quad rings (10 pak) |
| 18997 | Grappler rod/nut assembly |
| 18973 | Gasket for 18975 (5 pak) |
| 18974 | Seal kit includes core, cap, 4 "O" rings, gasket |
| 19305 | Schrader cores (10 pak) |



5/16" 4-IN-1 BALL VALVE TOOL

For R-410A systems with 5/16" access ports



Similar to the 1/4" 4-in-1 core tool but with 5/16" flare fittings. For use with R-410A systems and mini splits with larger 5/16" service ports.



| UPC# | Description |
|-------|---|
| 18985 | 5/16" Vacuum/charge valve with side port |
| 18981 | 5/16" Vacuum/charge valve without side port |
| 18987 | 5/16" Grappler rod/nut assembly |
| 18988 | 5/16" Rethread accessory |
| 18989 | 5/16" Schrader remover |
| 18984 | Seal kit includes core, cap, 4 "O" rings, gaskets |
| 19173 | 5/16" Quick coupler x 1/4" MFL Schr |
| 19305 | Schrader cores (10 pak) |
| 18986 | 1/4" Male x 5/16" female vacuum/charge valve |
| 18973 | Gasket for 18975 (5 pak) |

COMPACT BALL VALVES

1/4" and 5/16"



Compact ball valves feature full flow for charging and recovery. Metal valve handle.

- 1/4" ball valves are UL recognized to 4000 psi (276 bar) minimum burst, 800 psi (55 bar) maximum working pressure
- 5/16" for R-410A applications where 5/16" system ports are used
- 5/16" are UL recognized to 4000 psi (276 bar) minimum burst, 800 psi (55 bar) maximum working pressure



| UPC# | Description |
|-------|---|
| 93844 | 1/4" Compact ball valve – straight |
| 93843 | 1/4" Compact ball valve – 45° |
| 93842 | 1/4" Compact ball valves – 45° (3 pak) |
| 93825 | 5/16" Compact ball valve for 5/16" Female flare x 1/4" Male flare-45° |
| 93826 | 5/16" Compact ball valve for 1/4" Female flare x 5/16" Male flare |
| 93827 | 5/16" Compact ball valve for 5/16" Female flare x 5/16" Male flare |

FULL CONTROL BALL VALVES FOR VACUUM/CHARGING



When building your own charging/vacuum system, these straight flow-through valves connect hoses and provide full-flow capacity.

- No angles to cause restrictions and pressure drops
- Handle position shows when the valve is opened or securely closed



| | M. fl. x M. fl. | M. fl. x 1/4" FPT | M. fl. x Fe. fl. | Gaskets |
|------------|---|-------------------|------------------|---------|
| 1/4" SAE* | 93834 | 93833 | 93844 | 19020 |
| 5/16" SAE | – | – | 93827 | 19020 |
| 3/8" SAE* | 93836 | 93832 | 93846 | 19011 |
| 1/2" SAE | 93838 | – | 93848 | 19015 |
| 1/2" Acme* | 93830 | 93831 | 93840 | 19020 |
| 19095 | Replacement handle/screw for all 1/4", 3/8" and Acme valves (2 pc. set) | | | |
| 19096 | Replacement handle/screw for all 1/2" flare valves (2 pc. set) | | | |

* UL Listed