



93105 Deep Vacuum Isolation Valve Assembly Kit [▲]

- 3-way ball valve with independent valves to isolate two of the ports
 - 1/4" flare male and female ports on each end
 - 1/4" flare male side port
- Working pressure up to 600 PSI
- Adapters included: 90° elbow (1/4 flare male to 1/4 flare female) 90° elbow (1/4 flare male to 5/16 flare female), straight adapter (3/8 flare male to 1/4 flare female)



MC-HANGER
Mastercool Heavy-Duty
Magnetic Hanger [▲]

81390
Universal O-Ring Pick
& Valve Core Remover
Installer [▲]



The Ultimate Device for
Charging and Recovering
of Refrigerant

- Accepts all US & EU standard cylinders
- Capacity: 243 lbs (110 kg)
- Accuracy: $\pm 0.05\%$ of reading
- Resolution: 0.05 lb / 0.5 oz / 0.01 kg

Black Series

98210-BL
Electronic Charging Scale with
Bluetooth® Wireless Technology [▲]



98063-BT
Digital Vacuum Gauge with Bluetooth® Wireless Technology [▲]

Mastercool's compact hand-held digital vacuum gauge with Bluetooth® wireless technology utilizes new sensor technology with state of the art glass beaded thermistor and temperature compensation. Communication to hand-held smart devices through the Mastercool Connect app.

COMBUSTIBLE EQUIPMENT

HIGH PRECISION CHARGING SCALE

- Specially designed for R600a and R290
- 7/16"-28 hex cylinder adapter included
- 36" thermoplastic capillary hose with 1/4" swivel female fittings
- Built-in check valve will hold any remaining refrigerant within capillary hose



98201-A [▲]
High Precision Charging Scale (only)

98202-A [▲]
High Precision Charging Scale with storage for a 14 oz. refrigerant cylinder (sold separately)

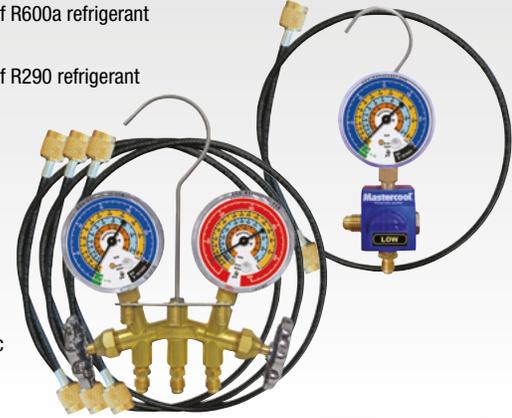
98202-A-600 [▲]
High Precision Charging Scale with a can of R600a refrigerant

98202-A-290 [▲]
High Precision Charging Scale with a can of R290 refrigerant

R600A, R290 & R134a

92518-53-1/4TP [▲]
1/4" Single Ball Valve Manifold with
(1) 18" thermoplastic service hose

33518-TP [▲]
Brass 2-Way Manifold,
3 1/8" gauges with (3) 18" thermoplastic
service hoses



RECOVERY MACHINES

TWINTURBO
REFRIGERANT RECOVERY MACHINE

- Revolutionary double piston oil-less compressor
- Largest volume recovery rate in the market
- All refrigerants including R410A



69300 [▲]
115V - 60 HZ

69395 [▲]
HVAC Spark Free Combustible
Gas Recovery Machine
• Compatible with all CFC,
HCFC and HFC's

A2L
COMPATIBLE

2026 HVAC PROMOTION

MANIFOLDS

A2L
COMPATIBLE

Black Series Mini-fold

**COMPACT MANIFOLD WITH PRECISE CALCULATIONS
IN THE PALM OF YOUR HAND**

- Compact black anodized aluminum block with matte chrome fittings
- Pressure/Temperature calculations for up to 91 refrigerants including R454b, R32 and R410a refrigerants
- Unit conversion between MPa, kPa, bar, psi, kg/cm², inHg, celsius or fahrenheit designation

94661

Mini-fold Compact 2-Way Manifold with 3-60" high pressure hoses in a zippered carry case 

94261

Mini-fold Compact 2-Way Manifold with 3-60" high pressure hoses with ball valves in a zippered carry case 

JOIN THE SPARTAN REVOLUTION

99923-BT-2 2 Way Smart Manifold with Bluetooth® Wireless Technology & (2) Clamps 

99926-BT-2 2 Way Smart Manifold with Bluetooth® Wireless Technology, 60" High Pressure Hoses, Standard Fittings and (2) Clamps 

99943-BT-2 4 Way Smart Manifold with Bluetooth® Wireless Technology & (2) Clamps 

99946-BT-2 4 Way Smart Manifold with Bluetooth® Wireless Technology, 60" High Pressure Hoses, Standard Fittings, Black Vacuum Hose and (2) Clamps 

99923-BT-2



R410A, R22 & R404

96361

Aluminum 3/8 Bore, 4-Way Manifold, 3 1/8" gauges with 60" nylon barrier hoses with manual ball valves 

59861

Aluminum 3/8" Bore, 3-Way Manifold, 3 1/8" gauges with 60" nylon barrier hoses with manual ball valves 

59661

Aluminum 3/8" Bore, 2-Way Manifold, 3 1/8" gauges with 60" nylon barrier hoses with manual ball valves 

59161

Brass 2-Way Manifold, 3 1/8" gauges with 3 - 60" hoses 

57161

Aluminum 2-Way Manifold, 3 1/8" gauges with 3 - 60" hoses 

<A2L> R454B, R32, R410A

51161

Aluminum 2-Way Manifold, 3 1/8" gauges with 3 - 60" nylon barrier hoses 

51261

Aluminum 3/8" Bore 2-Way Manifold, 3 1/8" gauges with 3 - 60" nylon barrier hoses with manual ball valves 

R12, R22 & R502

33636

Brass 2-Way Manifold, 2 1/2" gauges with 3 - 36" hoses 

33661

Brass 2-Way Manifold, 2 1/2" gauges with 3 - 60" hoses 

CO2 (R744)

55661-A

2-Way Piston Valve Manifold, 2 3/4" oil filled gauges with 3 - 60" steel braided hoses 

A2L
COMPATIBLE

55800

ELECTRONIC LEAK DETECTION

IntellaSense REFRIGERANT LEAK DETECTOR

- High Sensitivity, Fast Response
- Meets and Exceeds J2791 and J2913
- Detects: Combustible Gases, Hydrogen, Refrigerants (all CFC's, HCFC's & HFC's)

55800

IntellaSense Refrigerant Leak Detector with 2 "D" batteries, leak test vial and replacement filters in blow molded box 

IntellaSense III COMBUSTIBLE GAS LEAK DETECTOR

- Detects Combustible Gases
- Ultimate Sensitivity: 50 - 1000 ppm

55975

IntellaSense III Combustible Gas Leak Detector in blow molded case with 2 "C" batteries, leak test vial and replacement filters 



55975

 COMPATIBLE WITH COMBUSTIBLE GASES

56100

Raptor Refrigerant Leak Detector 

56200

Raptor Refrigerant Leak Detector with UV Blue Light 



Black Series

PROVIDING A RELIABLE SOLUTION TO FINDING SENSITIVE LEAKS

- Infrared sensor with extended sensor life of 10 years
- Maximum sensitivity up to 0.14 oz/yr
- Designed to meet EN14624, SAE1627, SAE2791 and SAE2913 standards
- Select popular refrigerants such as R134a, R404a, R407C, R410A and R1234yf with a default setting detecting all HFC's, HCFC's, CFC's, PFC's and HFO's

55600-A

Infrared Refrigerant Leak Detector packaged in a zippered carry case 

EXTREMELY EFFECTIVE AT LOCATING CO₂ LEAKS

- Infrared sensor with sensor life of 40,000 hours
- Easily select high, medium and low sensitivity levels
- Compliant to RoHS, SAE-J1627 and EN14624

55745

Infrared Refrigerant CO₂ Leak Detector packaged in a zippered carry case 

55745



VACUUM PUMPS

A2L
COMPATIBLE



90063-2V-110-BL 90066-2V-110-BL 90068-2V-110-BL 90612-2V-110-BL

- 90065** Elite Ball Bearing Vacuum Pump 5 CFM Two Stage Δ^1
- 90067** Elite Ball Bearing Vacuum Pump 7.5 CFM Two Stage Δ^1
- 90059-BL** BLACK SERIES 1.8 CFM Vacuum Pump (Single Stage) Δ^1
- 90062-BL** BLACK SERIES 3 CFM Vacuum Pump (Single Stage) Δ^1
- 90066-BL** BLACK SERIES 6 CFM Vacuum Pump (Single Stage) Δ^1
- 90066-BL-SF** BLACK SERIES SPARK FREE 6 CFM Vacuum Pump (Single Stage) Δ^1
- 90063-2V-110-BL** BLACK SERIES 3 CFM Vacuum Pump (Two Stage) Δ^1
- 90066-2V-110-BL** BLACK SERIES 6 CFM Vacuum Pump (Two Stage) Δ^1
- 90068-2V-110-BL** BLACK SERIES 8 CFM Vacuum Pump (Two Stage) Δ^1
- 90612-2V-110-BL** BLACK SERIES 12 CFM Vacuum Pump (Two Stage) Δ^1

FLUSH

Specific fluid for the inner flushing of air conditioning and refrigeration systems

- 91051** Total A/C Quick Flush Kit Δ^{10}
- 91050-6** 6 Pack - 17 oz. Total A/C Quick Flush Cans Δ^5



DIAGNOSTIC TOOLS

- 52230** Pen Type Hygrometer
 - Temperature Range: -4 to 140°F (-20 to 60°C)
 - Accuracy: $\pm 3\%$ from 10 to 95% RH at 77°F (25°C)
- 52233** Digital Psychrometer
 - Temperature Range: -4 to 122°F (-20 to 50°C)
 - Accuracy: RH% 3% at 77°F (25°C)
- 52236** Airflow+ Psychrometer
 - Temperature: -4 to 140°F (-20 to 60°C) / Accuracy: $\pm 1^\circ\text{F}$ ($\pm 0.6^\circ\text{C}$)
 - Air Velocity: 0.3 to 35 m/s (1 to 114 ft/s)



THERMOMETERS

- 52225-MED** Multi-Function Medical/Surface Infrared Thermometer
- 52224-A** Infrared Thermometer (-58 to 1022°F)
- 52224-CC** Infrared Thermometer w/Circular Laser (-76 to 1400°F)
- 52224-D** Multi-Laser Infrared Thermometer



- 52234-BT** Digital Thermometer/Hygrometer with Bluetooth® Wireless Technology
 - Mastercool Connect app remotely provides:
 - Relative humidity (Tamb=23 \pm 5°C): 1~99%, accuracy: $\pm 3\%$ from 20~80%, otherwise $\pm 5\%$
 - Dry bulb temperature (DBT)
 - Wet bulb temperature (WBT)



BLOWER FANS

- 21200-A** 1200 CFM Blower Fan
 - Moves air up to: 1200 CFM Δ^1
- 20300-A** 300 CFM Blower Fan
 - Moves air up to: 300 CFM Δ^1
- 20300-HTR** Heater Attachment for 300 CFM Blower Fan Δ^1



SERVICE TOOLS

- 91498** Universal Valve Core Remover/Installer Kit (for high pressure refrigerants) R410A Δ^1
- 91496** Valve Core Remover/Installer with Access Port Δ^1



91498

91496

RECOVERY TANKS & SCALES



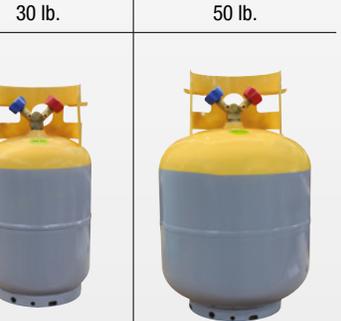
98310 Wireless Refrigerant Scale without solenoid Δ^1

Wireless Unit Prevents Unwanted Tangles

98315 Wireless Refrigerant Scale with solenoid Δ^1

- Y-valve for liquid/vapor
- Reusable & conforms to DOT-4BA400 specifications & ARI guidelines
- Storage & transport of recovered refrigerant gases

* more tank options available, visit www.mastercool.com



Model (without float switch)	30 lb.	50 lb.
	62010 Δ^2	63010 Δ^2
	over 30% SAVINGS! Δ^2	62010-60PK Δ^2 60 piece (1 pallet)
		63010-24PK Δ^2 24 piece (1 pallet)
Connection	1/4" FL-M (7/16-20)	1/4" FL-M (7/16-20)
Size (w x h) / Tare Weight	9.12 x 17.52"/17.99 lb	12.25 x 18.78"/28.71 lb

A2L Refrigerant Recovery Tanks Also Available, see our website

NITROGEN PRESSURE REGULATOR

All The Tools Necessary For Testing A System

- Nitrogen Pressure Regulator
- Charging Hose
- Leak Testing Adapter
- Straight Adapter Fitting

53010 Pressure Testing Regulator Kit Δ^1



