

HVAC/R PROMOTION



2025

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, celcius 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

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)



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.



98210-BL

Black Series

Electronic Charging Scale with
Bluetooth® Wireless Technology

The Ultimate Device for Charging and Recovering of Refrigerant

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



MC-HANGER
Mastercool Heavy-Duty
Magnetic Hanger

93105

NEW



98201-A



99923-BT-2

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

92518-53-1/4-TP
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



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



RECOVERY



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

mini TWINTURBO

REFRIGERANT RECOVERY MACHINE

COMPATIBLE WITH COMBUSTIBLE GASES

69400 115V - 60 HZ
 Whether you find yourself up a ladder, in a crawl space or not wanting to carry a heavy piece of equipment, this is the right machine for you. Best of all, its been constructed with the safest spark free components allowing for use with all combustibile gases.



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



55800



55975

COMPATIBLE WITH COMBUSTIBLE GASES

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

Black Series

PROVIDING A RELIABLE SOLUTION TO FINDING SENSITIVE LEAKS

- Innovative infrared sensor offers an extended sensor life of 10 years
- Maximum sensitivity up to 0.14 oz/yr
- Designed to meet EN14624, SAE1627, SAE2791 and SAE2913 standards
- Smart sensor technology allows for the selection of popular refrigerants such as R134a, R404a, R407C, R410A and R1234yf with a default setting that detects 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

- Advanced infrared sensor with a 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



55600-A

55745



56100

56200

RAPTOR
 REFRIGERANT LEAK DETECTOR

56100 Raptor Refrigerant Leak Detector

56200 Raptor Refrigerant Leak Detector with UV Blue Light

MANIFOLDS

R410A, R22 & R404

96361

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

59861

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

59661

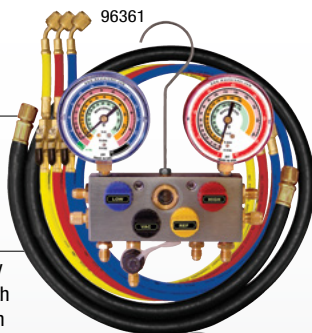
Aluminum 3/8" Bore, 2-Way Manifold, 3 1/8" gauges with 60" nylon barrier hoses with manual ball valves

59161

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

57161

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



96361



59161

R410A, R32

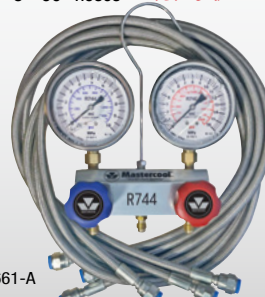
51161 Aluminum 2-Way Manifold, 3 1/8" gauges with 3 - 60" nylon barrier hoses

51261 Aluminum 3/8" Bore 2-Way Manifold, 3 1/8" gauges with 3 - 60" nylon barrier hoses with manual ball valves << POPULAR >>

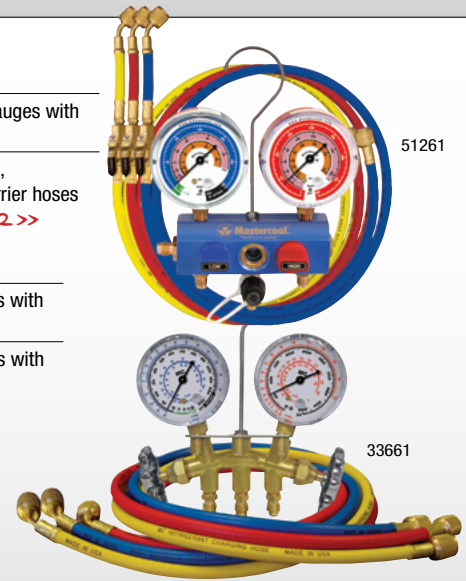
R12, R22 & R502

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 << POPULAR >>



55661-A



51261

33661

CO₂ (R744)

55661-A 2-Way Piston Valve Manifold, 2 3/4" oil filled gauges with 3 - 60" steel braided hoses

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
90067	Elite Ball Bearing Vacuum Pump 7.5 CFM Two Stage << PoPULAR >>
90059-BL	BLACK SERIES 1.8 CFM Vacuum Pump (Single Stage)
90062-BL	BLACK SERIES 3 CFM Vacuum Pump (Single Stage)
90066-BL	BLACK SERIES 6 CFM Vacuum Pump (Single Stage)
90066-BL-SF	BLACK SERIES SPARK FREE 6 CFM Vacuum Pump (Single Stage)
90063-2V-110-BL	BLACK SERIES 3 CFM Vacuum Pump (Two Stage)
90066-2V-110-BL	BLACK SERIES 6 CFM Vacuum Pump (Two Stage) << PoPULAR >>
90068-2V-110-BL	BLACK SERIES 8 CFM Vacuum Pump (Two Stage)
90612-2V-110-BL	BLACK SERIES 12 CFM Vacuum Pump (Two Stage)

FLUSH

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

- 91051 Total A/C Quick Flush Kit
- 91050-6 6 Pack - 17 oz. Total A/C Quick Flush Cans



DIAGNOSTIC TOOLS

52230	Pen Type Hygrometer
	<ul style="list-style-type: none"> Temperature Range: -4 to 140°F (-20 to 60°C) Accuracy: ±3% from 10 to 95% RH at 77°F (25°C)
52233	Digital Psychrometer
	<ul style="list-style-type: none"> Temperature Range: -4 to 122°F (-20 to 50°C) Accuracy: RH% 3% at 77°F (25°C)
52236	Airflow+ Psychrometer
	<ul style="list-style-type: none"> Temperature: -4 to 140°F (-20 to 60°C) / Accuracy: ±1°F (±0.6°C) Air Velocity: 0.3 to 35 m/s (1 to 114 ft/s)



REFRIGERANT SCALES

Wireless Unit Prevents Unwanted Tangles

- Keypad provides synchronization and zeroing
- Extremely accurate weight sensor
- Magnet on remote for easy placement on fixtures

- 98310 Wireless Refrigerant Scale without solenoid
- 98315 Wireless Refrigerant Scale with solenoid



NITROGEN PRESSURE REGULATOR

- 53010 Pressure Testing Regulator Kit



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±5°C): 1~99%, accuracy: ±3% from 20~80%, otherwise ±5%
 - Dry bulb temperature (DBT): -20~65°C, accuracy: ±2.5°C
 - Wet bulb temperature (WBT): -20~65°C, accuracy: ±2.5°C



Download on the App Store
GET IT ON Google Play

BLOWER FANS

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



REFRIGERANT RECOVERY TANKS

- 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



	30 lb.	50 lb.
Model (without float switch)	62010	63010
over 30% SAVINGS! →	62010-60PK 60 piece (1 pallet)	63010-24PK 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



SWAGING TOOLS

71600-A Hydra-Swage Tube Expanding Tool Kit to 1 1/8"
 Consists of: expander heads 3/8", 1/2", 5/8", 3/4", 7/8", 1", and 1 1/8", hydra-swage 71601, small adapter and inner-outer reamer. << POPULAR >>

71650-A Hydra-Swage Tube Expanding Tool Kit to 2 1/8"

71710 Hydraulic Flaring & Swaging Tool
 • Secure the die and adapter, pump the handle a few times, and the job is complete
 • Hydraulic power makes flaring and swaging a breeze
 • Includes dies and adapters for copper tubing sizes: 1/4, 5/16, 3/8, 1/2, 5/8, 3/4 and 7/8 inch
 • Comes with a custom molded carrying case



HYDRAULIC FLARING EASILY MAKE OEM FLARES WITH A PUMP OF THE HANDLE...

71680 Hydraulic Flaring Accessory
 Add the 71680 to your existing Mastercool hydraulic expanding kit to allow for the ability to make OEM flares

71675 Complete Hydraulic Flaring & Expanding Kit (7 Head Kit)
 Consists of expander heads 3/8, 1/2, 5/8, 3/4, 7/8, 1, and 1 1/8", hydra-swage 71601, adapter, inner-outer reamer and hydraulic flaring accessory 71680 in blow molded case

71676 Complete Hydraulic Flaring & Expanding Kit (10 Head Kit)
 Same as 71675 plus 1 3/8, 1 5/8, 2 1/8" expander heads

SERVICE TOOLS

91498 Universal Valve Core Remover/Installer Kit (for high pressure refrigerants) R410A

91496 Valve Core Remover/Installer with Access Port

TUBING TOOLS

TUBE WORKING ACCESSORIES

70078 Torque Wrench
 Ensure accurate tightness of fittings, especially R410A. Kit in a blow molded case includes sizes: 17, 22, 24, 26, 27 and 29 mm

FLARING TOOLS

70057-A Eccentric Flaring Tool
 1/4, 5/16, 3/8, 1/2, 5/8, 3/4"

70058-A Eccentric Flaring Tool Kit
 Includes 70057-A, 71685 & 70033

70059 Eccentric Flaring Tool - Flares 6 sizes 1/4, 3/8, 1/2, 5/8, 3/4, 7/8"
 "Only Tool On the Market to Cover up to 7/8"

70060 Eccentric Flaring Tool Kit
 Includes 70059, 71685 & 70033

70053 Flaring and Swaging Adapter Tool Kit
 Durable forged steel slip-on yoke. Bars are chrome plated, hardened steel. Swages in close quarters where punch style cannot be used.

70094 Wide Range 45° Flaring and Cutting Tool

TUBE CUTTERS & KITS

70025 Capillary Tube Cutter

70027 Tube Cutter for 1/8 to 5/8" O.D. Tubing

70031 Ratchet Style Tube Cutter for 5/16 to 1 1/8" O.D. Tubing

70033 Heavy Duty Tube Cutter for 1/8 to 1 1/8" O.D. Tubing

70090-A 4 Piece Tube Cutter Kit (70027, 70029, 70033 & 70037)

72029 "Reduced Friction" Tube Cutter for 1/8 to 1 1/8"

72035 "Reduced Friction" Tube Cutter for 1/4 to 1 1/2"



Each cutter includes up to 8 ball bearings for easy operation and extra smooth cut.



TUBE BENDERS & ACCESSORIES

70069-A 4-in-1 Bender
 3/16", 1/4", 5/16" & 3/8" O.D. tubing

70070 "Ratchet Style" Tube Bender Kit
 • Bends: 3/8, 1/2, 5/8, 3/4 and 7/8" O.D. soft tubing
 • Includes heavy duty tube cutter for (1/8 – 1 1/8" O.D. tubing)
 • Includes inner-outer reamer for (3/16 – 1 1/2" O.D. tubing)

70070-RD Reverse Direction Bending Adapter