

## ***Black Series*** **Mini-fold** COMPACT 2-WAY ALUMINUM MANIFOLD



### **SPECIFICATIONS:**

- Pressure Range:
  - Low Pressure Range: -14.5 – 500 psi (-0.1 – 3.4 MPa)
  - High Pressure Range: -14.5 – 800 psi (-0.1 – 5.5 MPa)
- Resolution: 0.5 psi
- Accuracy: +/-0.5% FS
- Measurement Units: MPA, kPa, bar, psi, kg/cm<sup>2</sup>, inHg
- Temperature Unit: °C/F
- Over Range Alarm: Display -OL-
- Operating Temperature: -10°C to 60°C
- Battery: CR2450
- Battery Life: Approximately 6 months
- Sampling Rate: 1 second
- Low Battery Indication: icon on LCD
- Display: 30 mm x 17 mm LCD
- Blue Backlight: Auto-off after 6 seconds

### ***COMPACT MANIFOLD WITH FRONT MOUNTED HOSE HOLDERS ALLOWS FOR PRECISE CALCULATIONS IN THE PALM OF YOUR HAND***

Mastercool's Black Series Compact 2-Way Digital Manifold Gauge Set effortlessly performs pressure and temperature calculations and displays them on a large blue backlit LCD display. Constructed of the finest materials and machined with precision to the highest quality standards this compact manifold provides automatic shut-off, units conversion, over range alarm, max and min values and refrigerants selection providing for a powerful tool for the hard-working technician.

### **FEATURES:**

- Compact black anodized aluminum block with matte chrome fittings offer an extremely portable solution to fit the needs of every busy technician
- Easily perform pressure/temperature calculations for up to 91 different refrigerants including R134a, R410a and R22 refrigerants
- Unit conversion between MPa, kPa, bar, psi, kg/cm<sup>2</sup>, inHg
- Large 4-digit "blue" backlit LCD display provides vibrant readings in even the darkest of environments
- Displays alarm indication when over range, celcius or fahrenheit designation and low battery warning directly on the LCD screen
- Large sight glass for quick visual refrigerant checks
- Easy to grip knobs

### **INCLUDED REFRIGERANTS:**

R11, R113, R114, R115, R116, R12, R123, R1234yf, R1234ze, R124, R125, R13, R134a, R14, R141B, R142B, R413A, R152A, R161, R170, R21, R218, R22, R23, R290, R32, R401A, R401B, R401C, R402A, R402B, R403A, R403B, R404A, R406A, R407A, R407B, R407C, R407D, R407E, R407F, R408A, R409A, R409B, R41, R410A, R410B, R412A, R413A, R414A, R414B, R415B, R416A, R417A, R419A, R420A, R421A, R421B, R422A, R422B, R422C, R422D, R423A, R427A, R437A, R441A, R442A, R443A, R444A, R448A, R449A, R449B, R450A, R452A, R455A, R50, R500, R502, R503, R504, R507A, R508A, R508B, R509A, R513A, R600, R600a, R601, R601a, R740, R744

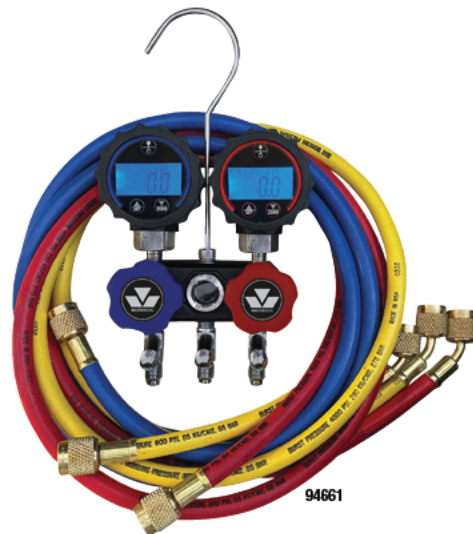
## ***Black Series*** COMPACT 2-WAY ALUMINUM MANIFOLD

### **HVAC COMPACT 2-WAY MANIFOLD**

- 1/4" SAE flare fittings
- Front facing hose holder

Compact Manifold with gauges only packaged in a cardboard box	94103
Compact Manifold with 3-60" (150 cm) high pressure hoses packaged in a zippered carry case	94661
Compact Manifold with 3-60" (150 cm) high pressure hoses with ball valves packaged in a zippered carry case	94261
Compact Manifold with 3-60" (150 cm) high pressure hoses with in-line ball valve (red and blue 1/4" x 5/16", yellow 1/4" x 1/4") packaged in a zippered carry case	94261-JT

\* Manifolds assembled with ball valves at the end of hoses, add a -E



94661

### **R134a COMPACT 2-WAY MANIFOLD**

- Left fitting - 1/2" ACME with R134a low side coupling holder
- Center fitting - 1/2" ACME fitting with 1/2" ACME holder
- Right fitting - 1/2" ACME with R134a high side coupling holder
- Front facing hose holder

Compact Manifold with gauges only packaged in a cardboard box	84103
Compact Manifold with 3-72" (182 cm) hoses and R134a manual couplers (82834, 82934) packaged in a zippered carry case	84472



84472

### **R1234yf COMPACT 2-WAY MANIFOLD**

- Left fitting - 12 mm-F for R1234yf hose with R1234yf low side coupling holder
- Center fitting - 1/2" ACME left hand fitting with 1/2" ACME holder
- Right fitting - 12 mm-F for R1234yf hose with R1234yf high side coupling holder
- Front facing hose holder

Compact Manifold with gauges only packaged in a cardboard box	82103
Compact Manifold with 3-72" (182 cm) hoses and R1234yf manual couplers (83834, 83934) packaged in a zippered carry case	82172



82172