

# Manifolds

**12 month  
warranty**

**NEW  
2008**

- New, updated display
- Sleek new look
- Heavy duty boot
- Temperature clamp
- 4-valve version
- Zeppelin body manifold



## Digital Manifold

**Combines superheat and subcooling gauge with standard manifold capabilities**

**32 refrigerants built in to service any system**

**Advanced software allows for quick conversions from °F to °C and psi to kPa**

**Gauges are pulsation-proof and accurate as well as automatically calibrating to zero at start up at any elevation up to 16,000 feet**

**Heavy duty rubber boot protects the manifold**

## Most Intelligent Manifold on the Market

The Award winning DM-2 is the most intelligent manifold on the market. Combining a superheat/ subcooling gauge with a charging and testing manifold and temperature gauge, the DM-2 is a must for the serious service technician. Calibration, calculation, and conversion are automatic, thereby eliminating errors and ensuring that you charge correctly. The built-in capabilities of this unit make it low maintenance, accurate, and quick. Many functions are instant and continue to analyze and record up to 24 hours. The DM-2 has 32 refrigerants built in.

Operates on a 9v battery and provides minimum, maximum, and average value for any display.

Superheat and subcooling temperatures are shown simultaneously

Shows low side and high side pressures in two separate displays

Auto calibrates to a zero for the elevation each time the manifold is turned on without pressure

Color coded digital display is easy to read and shows high and low side information as well as superheat and subcooling temperatures

One temperature sensor and one clamp to measure temperature drop across a cooling coil

Heavy duty anodized aluminum body features a sight glass, replaceable intake/ hose holder fittings, and JB's famous full flow design for faster evacuation

Instructions are located near the buttons for easy reference

The Digital Manifold won the gold award for product design in the third annual 2006 ACHR Dealer Design Awards for the tools category



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Technical Information	Standard	Metric	Margin
Pressure Display Range	0 to 600 psi	0 to 4137 kPa	+/- 1 psi to 200 psi (+/- 1.5° C)
Temperature Display Range	-40° F to 200° F	-40° C to 93° C	+/- 1° F (+/- 10° C)
Operating Temperature	32° F to 176° F	0° C to 80° C	
Maximum Overpressure	800 psig R-410A rated	5512 kPa	

Part No.	Description
DM2-8	2-valve digital manifold (no hoses)
DM2-5	2-valve digital manifold with 60" (152 cm) Kobra™ CCLE hoses
DM2-3	2-valve digital manifold with case and 60" (152 cm) Kobra™ CCLE hoses, temperature clamp and sensor
DM2-103	case only
SH-51	28' (8.5 m) temperature sensor extension
SH-54	6' (1.8m) temprature sensor
SH-59	Temperature clamp
SH-56	Socks (5)
DMB	Protective boot (retrofits all DM2 models)
A34000	¼" QC x ¼" access branch tee
DM4-3	4 valve digital manifold with case and 60" (152 cm) Kobra™ CCLE hoses, temperature clamp and sensor



DM2-3

**NEW  
2008**

**Now available in a 4-valve version which includes all of the features of our 2-valve model and a set of 4 hoses.**



Battery (9v, not included) life is 6 months with typical use

Auto Shutoff after 60 minutes or 24 hours

The Digital Manifold comes standard with ¼" intake/hose holder fittings

**Built-in Refrigerants for the digital manifold:**

- |       |       |       |       |
|-------|-------|-------|-------|
| R11   | R401A | R407B | R416A |
| R12   | R401B | R407C | R417A |
| R13   | R402A | R408A | R422A |
| R22   | R402B | R409A | R422B |
| R23   | R403B | R410A | R500  |
| R134A | R404A | R411C | R502  |
| RB276 | R406A | R413A | R507  |
| R290  | R407A | R414B | R508B |

One temperature sensor and one clamp to measure temperature drop across a cooling coil



See page 34-36 for more information on JB hoses.