

# YELLOW JACKET®

## BRUTE™ II Test & Charging Manifold - °F

**Forged aluminum alloy body with full 3/8" bore for faster vacuum and charging....**

### *Designed for A/C and Refrigeration Technicians*

The new BRUTE II™ 4-Valve Test and Charging Manifold is the first large bore forged aluminum manifold in the industry. It has been trimmed down for lighter weight but with the same powerful performance of the original model. The streamlined BRUTE II continues to provide the flow that's proven faster than any conventional manifold. And even though sleeker and more compact, the aluminum alloy is forged for strength and reliability with 3/8" bores through the body to speed the job.

### **Other Features and Benefits:**

- Fourth hose enables connection to hi/lo sides, refrigerant tank, and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses.
  - 1/4" hi/lo sides with 3/8" vacuum port for regular jobs, or;
  - 3/8" hi/lo sides with 1/2" vacuum port for larger systems.
- Large, easy-to-read 3-1/8" (80 mm) red and blue steel case, 1% accuracy (Class 1) gauges with protective boots; front access for easy field recalibration.



- Proven, double "O"-ring piston for reliability and long service life.
- **Exclusive** 100-mesh filter in-line on all flare fittings helps keep out particulate material and extends the life of the seat.
- Contoured easy-grip handles for positive control; color coded for ready identification.
- Sight glass to easily view refrigerant movement and condition during charging and recovery.
- Heavy-duty hook won't pull out.
- Also available with YELLOW JACKET® 3-1/8" (80 mm) red and blue liquid-filled gauges.

Part Numbers Listed on Reverse Side

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**Ritchie**  
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**BRUTE™ II 4-Valve Manifolds** 3-1/8" (80 mm) °F Gauges—Steel Case (with protective gauge boots) or Liquid-Filled

	New UPC #	Vac. Port	Hi, Lo Charge	Gauge	Hoses	Discontinued BRUTE UPC #	
<b>BRUTE II 4-VALVE with 3/8" Vacuum Port</b>							
R-410A	46000	3/8"	1/4"	Red/Blue	Manifold Only	47722	
	46001	3/8"	1/4"	Liquid	Manifold Only	46822	
	46003	3/8"	1/4"	Red/Blue	60" <i>Plus II</i> ™ Compact Ball Valve - RYB & 3/8" x 45°	n/a	
R-22 R-404A R-410A	46010	3/8"	1/4"	Red/Blue	Manifold Only	n/a	
	46013	3/8"	1/4"	Red/Blue	60" <i>Plus II</i> ™ Compact Ball Valve - RYB & 3/8" x 45°	n/a	
R-22/410A	46011	3/8"	1/4"	Liquid	Manifold Only	n/a	
R-12, R-22, R-502	46020	3/8"	1/4"	Red/Blue	Manifold Only	46422	
	46021	3/8"	1/4"	Liquid	Manifold Only	46812	
	46022	3/8"	1/4"	Red/Blue	60" <i>Plus II</i> ™ RYB & 3/8" x 45°	n/a	
	46026	3/8"	1/4"	Liquid	72" <i>Plus II</i> ™ RYB & 3/8" x 45°	48819	
	<b>BRUTE II 4-VALVE COMMERCIAL with increased capacity—larger ports</b>						
	46080	3/8"	3/8"	Red/Blue	Manifold Only	n/a	
	46081	1/2"	3/8"	Liquid	Manifold Only	46903	
	46082	3/8"	3/8"	Red/Blue	4 @ 3/8" x 60" Heavy Duty - Str. x 45°	n/a	
	46084	1/2"	3/8"	Liquid	3 @ 3/8" x 60" Heavy Duty - Str. x 45° 1 @ 1/2" x 60" Heavy Duty - Str. x Str.	46907	
	<b>BRUTE II 4-VALVE with 3/8" Vacuum Port</b>						
R-134a R-404A R-407C	46030	3/8"	1/4"	Red/Blue	Manifold Only	n/a	
	46031	3/8"	1/4"	Liquid	Manifold Only	n/a	
	46032	3/8"	1/4"	Red/Blue	60" <i>Plus II</i> ™ RYB & 3/8" x 45°	n/a	
	46038	3/8"	1/4"	Liquid	72" <i>Plus II</i> ™ RYB & 3/8" x 45°	n/a	
<b>BRUTE II 4-VALVE with 3/8" Vacuum Port</b>							
R-22, R-134a, R-404A	46040	3/8"	1/4"	Red/Blue	Manifold Only	n/a	
	46041	3/8"	1/4"	Liquid	Manifold Only	n/a	
	46042	3/8"	1/4"	Red/Blue	60" <i>Plus II</i> ™ RYB & 3/8" x 45°	n/a	
	46043	3/8"	1/4"	Red/Blue	60" <i>Plus II</i> ™ Compact Ball Valve - RYB & 3/8" x 45°	n/a	
	46048	3/8"	1/4"	Liquid	72" <i>Plus II</i> ™ RYB & 3/8" x 45°	n/a	
	<b>BRUTE II 4-VALVE COMMERCIAL with increased capacity—larger ports</b>						
	46090	3/8"	3/8"	Red/Blue	Manifold Only	n/a	
	46091	1/2"	3/8"	Liquid	Manifold Only	n/a	
	46092	3/8"	3/8"	Red/Blue	4 @ 3/8" x 60" Heavy Duty - Str. x 45°	n/a	
	46094	1/2"	3/8"	Liquid	3 @ 3/8" x 60" Heavy Duty - Str. x 45° 1 @ 1/2" x 60" Heavy Duty - Str. x Str.	n/a	