

BRUTE II® 4-VALVE TEST & CHARGING MANIFOLD °F and °C



The *BRUTE II*® 4-Valve Test and Charging Manifold provides the flow that's proven faster than any conventional manifold. The aluminum alloy body is forged for strength and reliability with 3/8" bores through the body to speed the job.

- Fourth hose enables connection to hi-/lo-sides, refrigerant tank and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses
- Available in 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



- 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 extend the life of the seat

- Front access for easy field recalibration
- 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 3-1/2" (90 mm) red and blue liquid-filled gauges
- Manifold and hose holder fittings 1/4"-3/8"-1/4"-1/4" unless otherwise identified
- Made in the USA

Replacement parts available.

BRUTE II® 4-Valve						
UPC#	Description - °F/°C	Vacuum port	Hi/Lo charge	Gauges	Scale	Refrigerant
46001	Manifold only	3/8"	1/4"	Liquid	bar/psi	R-410A
46021	Manifold only	3/8"	1/4"	Liquid	bar/psi	R-22
46026	Manifold with 72" PLUS II™ RYB and 3/8" x 45°	3/8"	1/4"	Liquid	bar/psi	
46000	Manifold only A2L	3/8"	1/4"	Red/Blue	bar/psi	R-32/410A
46003	With 60" PLUS II™ compact ball valve RYB and 3/8" x 45° A2L	3/8"	1/4"	Red/Blue	bar/psi	
46160	Manifold only 5/16"-3/8"-1/4"-5/16" anchor and 1/4" service fittings A2L	-	-	Red/Blue	bar/psi	
46170	Manifold only 5/16"-3/8"-5/16"-5/16" anchor and service fittings A2L	-	-	Red/Blue	bar/psi	
46174	Manifold only 5/16"-3/8"-1/4"-5/16" anchor and 1/4" service fittings A2L	-	-	Red/Blue	kPa/psi	
46176	Manifold only 5/16"-3/8"-5/16"-5/16" anchor and service fittings	-	-	Red/Blue	kPa/psi	
UPC#	Description - °F	Vacuum port	Hi/Lo charge	Gauges	Scale	Refrigerant
46011	Manifold only	3/8"	1/4"	Liquid	psi	R-22/410A
46010	Manifold only	3/8"	1/4"	Red/Blue	psi	R-22/404A/410A
46013	Manifold with 60" PLUS II™ compact ball valve RYB and 3/8" x 45°	3/8"	1/4"	Red/Blue	psi	
49291*	Manifold only	3/8"	1/4"	Red/Blue	psi	
46022	Manifold with 60" PLUS II™ RYB and 3/8" x 45°	3/8"	1/4"	Red/Blue	psi	
46030	Manifold only	3/8"	1/4"	Red/Blue	psi	R-134a/404A/407C
46031	Manifold only	3/8"	1/4"	Liquid	psi	
46032	Manifold with 60" PLUS II™ RYB and 3/8" x 45°	3/8"	1/4"	Red/Blue	psi	
46038	Manifold with 72" PLUS II™ RYB and 3/8" x 45°	3/8"	1/4"	Liquid	psi	
46040	Manifold only	3/8"	1/4"	Red/Blue	psi	R-22/134a/404A
46041	Manifold only	3/8"	1/4"	Liquid	psi	
46042	Manifold with 60" PLUS II™ RYB and 3/8" x 45°	3/8"	1/4"	Red/Blue	psi	
46043	Manifold with 60" PLUS II™ compact ball valve RYB and 3/8" x 45°	3/8"	1/4"	Red/Blue	psi	
46048	Manifold with 72" PLUS II™ RYB and 3/8" x 45°	3/8"	1/4"	Liquid	psi	
46014	Manifold only A2L	3/8"	1/4"	Red/Blue	psi	
46015	Manifold with 60" PLUS II™ 1/4" RYB comp. ball valve & 3/8" Y A2L	3/8"	1/4"	Red/Blue	psi	
UPC#	Description - °C	Vacuum port	Hi/Lo charge	Gauges	Scale	Refrigerant
46180	Manifold only	3/8"	1/4"	Red/Blue	bar/psi	R-12/22/502
46130	Manifold only	3/8"	1/4"	Red/Blue	bar/MPa	R-134a/404A/407C
46190	Manifold only	3/8"	1/4"	Red/Blue	bar/psi	
46140	Manifold only	3/8"	1/4"	Red/Blue	bar/psi	
BRUTE II® 4-Valve Commercial						
UPC#	Description - °F/°C	Vacuum port	Hi/Lo charge	Gauges	Scale	Refrigerant
46081	Manifold only	1/2"	3/8"	Liquid	bar/psi	R-22
46084	Manifold with 3 at 3/8" x 60" heavy duty - Straight x 45° and 1 at 1/2" x 60" heavy duty - Straight x Straight	1/2"	3/8"	Liquid	bar/psi	
UPC#	Description - °F	Vacuum port	Hi/Lo charge	Gauges	Scale	Refrigerant
46090	Manifold only	3/8"	3/8"	Red/Blue	psi	R-22/134a/404A
46091	Manifold only	1/2"	3/8"	Liquid	psi	
46092	Manifold with 4 at 3/8" x 60" heavy duty - Straight x 45°	3/8"	3/8"	Red/Blue	psi	
46094	Manifold with 3 at 3/8" x 60" heavy duty - Straight x 45° and 1 at 1/2" x 60" heavy duty - Straight x Straight	1/2"	3/8"	Liquid	psi	

* Manifold comes standard with certified gauges. For more information on the certification of 3-1/8" gauges, see Gauges section. For replacement parts, refer to the manual (also available at yellowjacket.com)