

A2L Manifolds, Adapters & Hoses



YELLOW JACKET®



Series 41
P/N 42036



TITAN®
P/N 49975



BRUTE II®
P/N 46015



Are You Ready to Service A2L Refrigerants?

The **YELLOW JACKET® A2L Test and Charging Manifolds** are lightweight for handling ease with the durability and reliability required for repeated, rugged use. Select from the popular **Series 41, TITAN® and BRUTE II® Manifolds for R-32/454B/410A refrigerants**. Sold as manifold only or with **YELLOW JACKET® PLUS II™ 1/4" Hoses 60" 3-Pak RYB**.

A2L refrigerants are a widely-used class of refrigerants featuring:

- Low global warming potential (low GWP)
- Low flammability
- Zero ODP (ozone depletion potential)
- Lower toxicity

While A2Ls are mildly flammable, they are less flammable than Class 3 refrigerants and safe when handled properly.

YELLOW JACKET® offers a wide range of A2L Compatible HVAC/R Service Tools...from recovery machines, vacuum pumps, P51-870 Digital Manifold, YJACK® Wireless Probes, leak detector, refrigerant charging scale to a large variety of manifolds.



Scan QR Code for Full Listing of A2L Compatible Service Tools.

A2L MANIFOLDS – FEATURES & BENEFITS

- Large, easy-to-read 3-1/8" (80 mm) gauges with a steel case in red and blue, 1% accuracy (Class 1)
- For R-32/454B/410A refrigerants
- Front access for easy field recalibration
- Proven sliding double O-ring piston for reliability and long service life
- Long-life nylon seats
- Heavy duty hook that won't pull out
- Sold as manifold only or with color-coded, 60" PLUS II™ Hoses with 1/4" flare fittings. TITAN® & BRUTE II® manifolds also include 60" Vacuum/Charging Hose with 3/8" flare fitting.
- PLUS II™ Hose assemblies UL recognized for 4000 PSI (275 Bar) burst and 800 PSI (55 Bar) working pressure (File SA9737)
- Optional manifold ManCover® and protective gauge boots available (protective boots included with BRUTE II® Manifold)
- Made in the USA 

A2L Adapters & Hoses for Connection to Left-Handed A2L Refrigerant Tanks



The new A2L refrigerants, R-32 and R-454B, have adopted left-handed connections for their tanks. These new refrigerants are categorized as slightly flammable, so left-handed connections were implemented to differentiate them from A1, non-flammable refrigerants. As the industry adopts these new refrigerants, **YELLOW JACKET® A2L Tank Adapters and Charging Hoses** incorporate left-handed connections so a service technician can safely charge A2L refrigerant systems.

A2L ADAPTERS – FEATURES & BENEFITS

- Conversion adapters from 1/4" Female SAE flare **LEFT-HANDED (LH)** x 1/4" Male flare for A2L applications
- Patented CH14 “adjust-a-valve” opener in all 1/4" female ends
- Easily identified by double ring on tightening knurl for LH connection
- Works with or without Schrader core
- Available in straight, 45° and 90° and ball valve configurations
- Made in the USA 



A2L PLUS II™ HOSES – FEATURES & BENEFITS

- Conversion adapters from 1/4" Female SAE flare **LEFT-HANDED (LH)** x 1/4" Female SAE flare right-handed for A2L refrigerants
- Easily identified by double ring on tightening knurl for LH connection
- The moisture barrier provides improved resistance to moisture migration which contaminates expensive refrigerants
- 1/4" PLUS II™ hoses are rated for 4000 psi (276 bar) minimum burst, 800 psi (55 bar) maximum working pressure and an operating temperature of -20° to 180°F (-28.8° to 82.2°C)
- UL recognized hose assemblies (File SA9737)
- Nylon permeation barrier meets SAE requirements J2196 for CFC, HCFC and HFC refrigerants
- Minimum bend radius: 6" (152 mm)
- Made in the USA 



P/N	DESCRIPTION
A2L MANIFOLDS FOR R-32/454B/410A	
42035	Series 41 A2L Manifold Only, 3-1/8" (80mm) Gauges, R-32/454B/410A PSI °F
42036	Series 41 A2L Manifold 3-1/8" (80mm) Gauges, PLUS II™ 1/4" Hoses 60" 3-Pak RYB, R-32/454B/410A PSI °F
49974	TITAN® A2L 4-Valve Manifold Only, 3-1/8" (80mm) Gauges, R-32/454B/410A PSI °F
49975	TITAN® A2L 4-Valve Manifold 3-1/8" (80mm) Gauges, PLUS II™ 1/4" Hoses 60" 3-Pak RYB, Compact Ball Valve, PLUS II™ 3/8" Vacuum/Charging Hose 60" Y, R-32/454B/410A, PSI °F
46014	BRUTE II® A2L Manifold Only, 3-1/8" (80mm) Gauges, R-32/454B/410A PSI °F
46015	BRUTE II® A2L Manifold 3-1/8" (80mm) Gauges, PLUS II™ 1/4" Hoses 60" 3-Pak RYB, Compact Ball Valve, PLUS II™ 3/8" Vacuum/Charging Hose 60" Y, R-32/454B/410A, PSI °F
A2L ADAPTERS & HOSES FOR R-32/454B	
19124	Adapter 1/4" LH FFL to 1/4" RH MFL, STR
19180	Adapter 1/4" LH FFL to 1/4" RH MFL, 45°
19204	Adapter 1/4" LH FFL to 1/4" RH MFL, 90°
93867	Adapter Ball Valve 1/4" LH FFL to 1/4" RH MFL, 45° NEW!
30260	Yellow PLUS II™ Hose, 60" 1/4" LH to 1/4" RH, 45°
30460	Yellow PLUS II™ Hose, 60" 1/4" LH to 1/4" RH, 45° w/ Ball Valve
30660	Yellow PLUS II™ Hose, 60" 1/4" LH to 1/4" RH, 90°
A2L MANIFOLD REPLACEMENT PARTS	
49117	A2L Manifold Gauge - RED, 3-1/8" (80mm), R-32/454B/410A PSI °F
49217*	Certified 49117 A2L Manifold Gauge - RED, 3-1/8" (80mm), R-32/454B/410A PSI °F
49118	A2L Manifold Gauge - BLUE, 3-1/8" (80mm), R-32/454B/410A PSI °F
49218*	Certified 49118 A2L Manifold Gauge - BLUE, 3-1/8" (80mm) R-32/454B/410A PSI °F
49100	3 1/8" (80mm) Replacement Crystal
OPTIONAL ACCESSORIES	
49190**	3 1/8" Set of Protective Gauge Boots (1 Red; 1 Blue)
49191	3 1/8" Protective Gauge Boot - RED
49192	3 1/8" Protective Gauge Boot - BLUE
49095	ManCover® for Manifold Protection

* Certified to verify the pressure on the gauge is accurate within 1%
 ** Protective Boots Included with BRUTE II® Manifold

The Anatomy of a PLUS II™ Hose

