



**YELLOW
JACKET®**



SCAN FOR CATALOG

FEATURE PRODUCTS HVAC/R 2023



EFFICIENCY BEYOND MEASURE

Easy to Use • Reliable • Accurate



6 Parameters Displayed



Combustion Analyzer **NEW!**

3 IN 1 Ambient CO Monitor, Manometer and Analyzer All One Instrument

- ❑ Two gas sensors for O₂ and CO, high CO protection
- ❑ CO₂, combustion efficiency, excess air, ambient CO monitor
- ❑ Flue gas CO detector, displaying PPM for CO to alert CO poisoning hazard
- ❑ CO over-limit sensing provides sensor longevity and field-replaceable sensors
- ❑ Built-in dual pressure manometer and optional manometer tube accessory to monitor system and flue pressures
- ❑ 15 pre-programmed fuels
- ❑ Internal data storage
- ❑ Six simultaneous readings on backlit display for low light conditions
- ❑ Compact and lightweight with a magnetic protective holster
- ❑ 7" duct probe with adjustable depth stop for easy access
- ❑ Inline condensate trap and soot filter for easy cleanup
- ❑ YELLOW JACKET® YJ Combustion App
- ❑ Automatic generation of QR Code to download analyses to share with customers or for records
- ❑ Ideal for high-efficiency condensing HVAC systems
- ❑ Long-lasting, rechargeable battery
- ❑ Wireless printer option (included in CA502P P/N 68602)
- ❑ Protective hard carrying case
- ❑ One-year warranty



UPC #	Description
68601	Combustion Analyzer CA502
68602	Combustion Analyzer CA502P with Printer
68611	Combustion Analyzer Printer
68612	Combustion Analyzer Filters 5-Pak



The 2-IN-1 Advantage



YJACK VIEW® APP
Seamless Integration with YJACK® Probes and the P51-870 TITAN® Digital Manifold.



- ❑ The YJACK VIEW® app version 4.0 includes the Static Pressure session for display of the YJACK MANO™ measurements.
- ❑ Stores and displays the system filter and coil pressure drops, Total External Static Pressure (TESP), regulator gas pressure, and other static or differential system pressure measurements.
- ❑ Save the readings to a highly customizable PDF service report.

YJACK MANO™ NEW!



Dual Port Manometer
For Accurate Static Pressure Measurements

- ❑ Measures static pressure up to +/- 60 inches of water column
- ❑ Accuracy & Resolution: +/- 0.03 from 0 to 2 inWC, +/- 1.5% full scale from 2 to 80 inWC, 0.01 inWC resolution
- ❑ Accurately measure pressure drop across a filter or Total External Static Pressure (TESP) with the static pressure tips
- ❑ Measure gas pressure at the regulator inlet and outlets with the 1/8" NPT fitting or slide gas adapter
- ❑ Rotating mounting magnet for optimal Bluetooth® transmitter placement
- ❑ High-resolution graphic display with special modes for clear visibility – even in direct sunlight
- ❑ Display readings on the local display or remotely with the YJACK VIEW® App... **The TWO-IN-ONE Advantage**
- ❑ Bluetooth® 4.2 compliant low energy radio
- ❑ 400 ft line of sight signal range*
- ❑ Includes soft case for convenient storage of manometer and adapters
- ❑ **Two-year warranty**



UPC #	Description
67068	YJACK MANO™ Wireless Dual Port Manometer

YJACK® KITS

67074



UPC #	Description
67070	YJACK® Temperature Clamp Kit: (2) YJACK® Temperature Clamps and YJACK PATH®
67071	YJACK® Temperature & Humidity Kit: (2) YJACK® Temperature Clamps, YJACK DEW® Psychrometers and YJACK PATH®
67072	YJACK® Charging Kit: (2) YJACK PRESS™ Pressure Gauges and (2) YJACK® Temperature Clamps
67073	YJACK® Charging & Air Kit: (2) YJACK PRESS™ Pressure Gauges, (2) YJACK® Temperature Clamps and YJACK DEW® Psychrometer
67074	YJACK® Charging & Evacuation Kit: (2) YJACK PRESS™ Pressure Gauges, (2) YJACK® Temperature Clamps and YJACK VAC™ Vacuum Gauge

* Radio interference and nearby obstructions may reduce signal strength

TurboRecover™ Refrigerant Recovery Machine **NEW!**

Outperforms in Speed and Simplicity!



- ❏ Fully automatic operation for fast recovery of Class III, IV and V refrigerants including R-410A and A2L refrigerants
- ❏ Powerful twin-cylinder, oil-less compressor and 1.25 hp Brushless DC (BLDC) motor ensures fast recovery
- ❏ Lightweight design and included shoulder strap allow for easy transportation
- ❏ Single valve control for simple operation and easy changeover from recover to purge
- ❏ Status indicator LED provides notification of machine faults and completed recovery
- ❏ Dual-gauge design allows for monitoring of the system and tank pressures simultaneously
- ❏ Low pressure switch provides automatic shut-off when unit reaches 10" of vacuum
- ❏ Integrated purge function clears residual refrigerant to prevent cross-contamination
- ❏ Reusable mesh particulate filter is integrated into the suction port and can be easily cleaned or replaced
- ❏ Controls and gauges inset for protection and angled for easy access and viewing
- ❏ Senses back pressure from tank and shuts off automatically at 517 psi for safety
- ❏ Locking power cord 10' eliminates need for extension cord



TurboRecover™ has all the features you need for fast and effective refrigerant recovery.

- ❏ High air flow fan with a micro-channel condenser to keep the unit running cool
- ❏ One-year warranty

UPC #	Description
95780	TurboRecover™ for North America
95782	TurboRecover™ for North America with Tank Overfill Switch
EXPORT	
95783	TurboRecover™ with EU, UK and AU/NZ Power Cords

RecoverXLT® Refrigerant Recovery System



- ❏ Single valve control for easy changeover from liquid to vapor to purge
- ❏ Low pressure switch turns machine off when cycle is complete and back on if the system re-pressurizes
- ❏ "On-the-fly" purge with the simple turn of a knob
- ❏ Advanced 1/2 hp, 1750 rpm oil-less twin cylinder compressor with precision valves manufactured in an ISO-9001 facility
- ❏ Indicator signals when recovery is complete
- ❏ Controls and gauges inset for protection and angled for easy access and viewing
- ❏ One-year warranty

IMPROVED MODEL



UPC #	Description
95760	RecoverXLT® 115V/60 Hz
95762	RecoverXLT® 115V/60 Hz with tank overfill switch
95765	RecoverXLT® 110V/60 Hz (IEC 60309 plug)

SuperEvac® PLUS II BLDC Vacuum Pump



Highly Efficient, Two-Stage Rotary Vane Oil-Sealed Pump Field-Rated for 15 Microns or Better

- ☒ Long-life brushless DC motor
- ☒ High efficiency and high torque characteristics
- ☒ 20% lighter than AC motor-driven pump
- ☒ Easily handles supply voltage variations – especially in low-voltage conditions
- ☒ Starts and operates in extreme low temperature conditions
- ☒ **Rated for use with A2L systems**
- ☒ Built-in cooling fins to cool pump and increase performance
- ☒ Smaller oil bath requires less oil
- ☒ Locking low-profile IEC connector with 9'10" (3 meter) power cord to prevent accidental removal
- ☒ Convenient shoulder strap for easy carrying over long distances and built-in mount points
- ☒ **Two-year warranty**



UPC #	Description
93740	SuperEvac® PLUS II Vacuum Pump 4 CFM
93760	SuperEvac® PLUS II Vacuum Pump 6 CFM
93780	SuperEvac® PLUS II Vacuum Pump 8 CFM
93790	SuperEvac® PLUS II Vacuum Pump 11 CFM
EXPORT - Full offering and information at www.yellowjacket.com	
9374X	SuperEvac® PLUS II Vacuum Pump 113 L/M
9376X	SuperEvac® PLUS II Vacuum Pump 170 L/M
9378X	SuperEvac® PLUS II Vacuum Pump 225 L/M
9376X	SuperEvac® PLUS II Vacuum Pump 310 L/M

BULLET®DC BLDC Vacuum Pump



High Torque and High Efficiency for Ultimate Performance

- ☒ Long-life brushless DC motor
- ☒ High efficiency and high torque characteristics
- ☒ Easily handles supply voltage variations – especially low-voltage conditions
- ☒ Starts and operates in extreme low temperature conditions
- ☒ **Rated for use with A2L systems**
- ☒ 20% lighter than AC motor-driven pump
- ☒ Pulls down to 25 microns or better
- ☒ Elongated sight glass to monitor oil
- ☒ Locking low-profile, detachable IEC power cord to prevent accidental removal
- ☒ Optional shoulder strap P/N 92965 for easy carrying over long distances
- ☒ **Two-year warranty**



UPC #	Description
93870	BULLET®DC Vacuum Pump 7 CFM
EXPORT - Full offering and information at www.yellowjacket.com	
93872	BULLET®DC Vacuum Pump 200/165 L/M, US IEC cord
93873	BULLET®DC Vacuum Pump 200/165 L/M, EU IEC cord
93874	BULLET®DC Vacuum Pump 200/165 L/M, AU/NZ IEC cord
93877	BULLET®DC Vacuum Pump 200/165 L/M, UK IEC cord
OPTIONAL ACCESSORY	
92965	Shoulder Strap

Hydrocarbon Charging Kit

The bottle stand and high precision scale make it easy to accurately weigh the critical charge required for these systems.



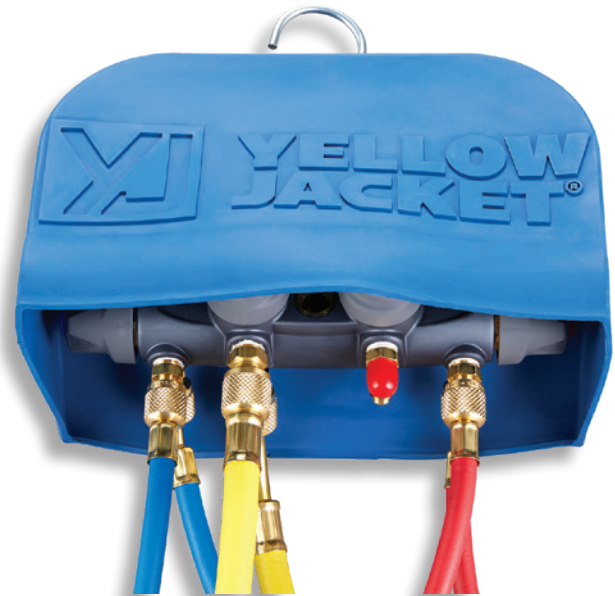
- ❑ For use with R-290 and R-600A systems
- ❑ Single-valve manifold with 0.08" ID x 24" REFFLEX® hoses
- ❑ Compact charging scale and bottle stand
- ❑ Bottle valve and adapter for 7/16" and 1" threaded bottles
- ❑ 90° quick coupler fitting for compatibility with piercing and other right-angle bottle valves
- ❑ Line tap valve for connection to 1/4", 5/16" or 3/8" lines
- ❑ Vice grip pinch-off tool, rugged case and safety placard



UPC #	Description
61001	Hydrocarbon Charging Kit
61003	Precision Scale
61004	Hydrocarbon Manifold Complete
61005	HC Kit Hose (0.08" x 24" Yellow Hose)
40339	High-side Manifold R-600A/600/R-290a
40349	Low-side Manifold R-600A/R-290 NEW!

ManCover™ **NEW!**

For Protection of Your Manifolds



- ❑ Large size fits most manifolds
- ❑ Rubber material for bounce protection in vehicles
- ❑ Large opening to allow hoses to remain connected while protecting the gauge faces from damage
- ❑ Oversized slot allows for easy insertion with manifold hangers

UPC #	Description
49095	ManCover™ Manifold Cover

A2L Refrigerant Manifolds



- ❑ Choose from Series 41, TITAN® and BRUTE II®
- ❑ R32 A2L refrigerant coupled with popular R410A (A1 refrigerant)



UPC #	Description
42021	Series 41 R32/410A Manifold
42024	Series 41 R32/410A, 60" RYB Hose
49960	TITAN® 4V R32/410A, 60" RYB Hose
49962	TITAN® 4V R32/410A Manifold
46000	BRUTE® R32/410A Manifold
46003	BRUTE® R32/410A Manifold w/Hose
49965	TITAN® 4V R32/R410A Manifold with 60" PLUS II™ RYB, 3/8" x 45° NEW!

Flare Sizing Gauge **NEW!**

- ☒ Lightweight and compact
- ☒ Covers 6 common diameters of flares
- ☒ Quick access to tube size and torque specifications
- ☒ Convenient hanging hole
- ☒ Included in kits below



UPC #	Description
60297	Flare Sizing Gauge

Mini-Split Tool Kits

Flare Sizing Gauge Included



UPC #	Description
60994	Deluxe Mini-Split Tool Kit (with Flare Sizing Gauge 60297) NEW!
60993	Mini-Split Tool Kit (with Flare Sizing Gauge 60297) NEW!

Eccentric Cone Flaring Tool

with Flare Sizing Gauge

- ☒ Off-center hardened steel cone with 45° flare
- ☒ Produces a rolling action for uniform flare walls without galling in 3/16" to 3/4" O.D. tubing



UPC #	Description
60295	Eccentric Cone Flaring Tool (with Flare Sizing Gauge 60297) NEW!

Deluxe Digital Adjustable Torque Wrench **NEW!**



- ☒ Interchangeable heads
- ☒ Digital torque value readout
- ☒ +/- 2% accuracy up to 62.7ft. lb (85N-m)
- ☒ CW and CCW operation
- ☒ Peak hold and track mode selectable
- ☒ Buzzer and LED indicator for 9 pre-set target torques
- ☒ 4 user selectable units of measure (ft. lb., in. lb., N-m, kg-cm)
- ☒ 50 data memory for recall and joint torque auditing

UPC #	Description
60624	Deluxe Digital Adjustable Torque Wrench NEW!
60648	Digital Adjustable Torque Wrench
60625	Adjustable Wrench Head 10-41 MM
60632	3/8" Drive Ratchet Head NEW!

Alloy Ratchet Tube Benders

- ☒ Color coded alloy mandrels to bend 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8" tubing
- ☒ Simple and secure mandrel attachments with ball-dent feature for consistent bends
- ☒ Cutter and reamer included
- ☒ Reverse Bending Mandrel P/N 63342 included in Deluxe Kit (P/N 63325) or may order separately



UPC #	Description
63325	Deluxe Alloy Ratchet Tube Bender (includes 63342)
63331	Alloy Ratchet Tube Bender
63342	Reverse Bender For 63331

NEW! Manifold Kits with Backpack



The **YELLOW JACKET® Manifold Kits** pair popular TITAN® and Series 41 Manifolds with PLUS II™ Charging Hoses in a rugged backpack for hands-free, grab-and-go convenience. There is plenty of room to add additional tools needed for all your A/C installation and tune up needs. Select the Manifold Kits specific to the refrigerants you are working with.

 **MADE IN THE USA** (BACKPACK MADE IN CHINA)

INTERNATIONAL MANIFOLD KITS:

4V TITAN® R32/410A Manifold Kit NOR EU (P/N 49940)

- ☒ TITAN® 4-Valve Manifold, bar/psi, °F °C
- ☒ PLUS II™ 1/4" Hoses 60" RB 1/4" x 5/16", Y 1/4" Compact Ball Valve
- ☒ Yellow B-72 Charging / Evacuation Hose, 3/8" x 3/8"



4V TITAN® R134A/404A/407C Manifold Kit (P/N 49941)

- ☒ TITAN® 4-Valve Manifold, bar/psi, °C
- ☒ PLUS II™ 1/4" Charging Hose 72" 3-Pak RYB, Standard 1/4" Fittings
- ☒ Yellow B-72 Charging / Evacuation Hose, 3/8" x 3/8"



4V TITAN® R448A/449A/452A Manifold Kit (P/N 49942)

- ☒ TITAN® 4-Valve Manifold, bar/psi, °F
- ☒ PLUS II™ 1/4" Charging Hose 72" 3-Pak RYB, Standard 1/4" Fittings
- ☒ Yellow B-72 Charging / Evacuation Hose, 3/8" x 3/8"



4V TITAN® Pressure Test Manifold Kit (P/N 49943)

- ☒ TITAN® 4-Valve Pressure Test Manifold, bar/psi
- ☒ PLUS II™ 1/4" Charging Hose 72" 3-Pak RYB, Standard 1/4" Fittings
- ☒ Yellow B-72 Charging / Evacuation Hose, 3/8" x 3/8"



Series 41 Heat Pump R32/410A Manifold Kit (P/N 42056)

- ☒ Series 41 2-Valve Heat Pump Manifold, EU, °F & °C
- ☒ PLUS II™ 1/4" Hoses 60" RB 1/4" x 5/16", Y 1/4" Compact Ball Valve



Series 41 R32/410A Manifold Kit (P/N 41653)

- ☒ Series 41 2-Valve Manifold, 80mm, EU, °F °C
- ☒ PLUS II™ 1/4" Hoses 60" RB 1/4" x 5/16", Y 1/4" Compact Ball Valve



FOR MORE INFORMATION: yellowjacket.com/product/manifold-kits

DOMESTIC MANIFOLD KITS:

4V TITAN® R32/410A Manifold Kit (P/N 49944)

- ☒ TITAN® 4-Valve Manifold, bar/psi, °F °C
- ☒ PLUS II™ 1/4" Hose 60" 3-Pak RYB, Compact Ball Valve
- ☒ PLUS II™ 3/8" Yellow Large Volume 72" Charging Hose



Series 41 R134A/404A/407C Manifold Kit (P/N 41316)

- ☒ Series 41 Manifold, psi, °F
- ☒ PLUS II™ 1/4" Charging Hose 72", 3-Pak RYB
- ☒ PLUS II™ 3/8" Yellow Large Volume 72" Charging Hose



4V TITAN® R448A/449A/452A Manifold Kit (P/N 49945)

- ☒ TITAN® 4-Valve Manifold, bar/psi, °F
- ☒ PLUS II™ 1/4" Hose 60" 3-Pak RYB, Compact Ball Valve
- ☒ PLUS II™ 3/8" Yellow Large Volume 72" Charging Hose



4V TITAN® R22/404A/410A Manifold Kit (P/N 49984)

- ☒ TITAN® 4-Valve Manifold, psi, °F
- ☒ PLUS II™ 1/4" Hose 60" 3-Pak RYB, Compact Ball Valve
- ☒ PLUS II™ 3/8" Yellow Large Volume 72" Charging Hose



Series 41 R22/404A/410A Manifold Kit (P/N 42017)

- ☒ Series 41 Manifold, psi, °F
- ☒ PLUS II™ 1/4" Charging Hose 72", 3-Pak RYB
- ☒ PLUS II™ 3/8" Yellow Large Volume 72" Charging Hose

