



# 2024 FEATURE PRODUCTS HVAC/R



SCAN FOR CATALOG



**YELLOW  
JACKET®**

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# YJACK® SERIES WIRELESS PROBES



## Network of Wireless Devices for a Total HVAC/R Diagnostic Solution

YJACK VIEW® App and measureQuick® App\* provide seamless integration with YJACK® Probes, TITANMAX™ and P51-870 TITAN® Digital Manifolds.



\* See select YJACK® Probes compatible with measureQuick® App.

## YJACK FLOW™ Anemometer **NEW!**

- Measures and displays duct air speed readings in fpm, ft/s, m/s and m/min
- Automatically calculates quantity and location of readings in ducts



67069 YJACK FLOW™ Anemometer

## YJACK VAC® Vacuum Gauge

- System vacuum measurement from atmospheric pressure to 1 micron
- Robust sensor resists pressure shock and oil contamination



67066 YJACK VAC® Vacuum Gauge

## YJACK PATH® Range Extender

- Connects and rebroadcasts up to (6) YJACK® probes and P51-870 TITAN® Digital Manifolds
- Adds up to additional 400 ft line-of-sight signal range per device



67060 YJACK PATH® Range Extender

## YJACK® Temperature Clamp

- Measures surface temperature of pipes up to 1.25" diameter
- Temperature clamp provides strong, secure connection to system



67061 YJACK® Temperature Clamp

## YJACK® Temperature Strap

- Measures surface temperature of pipes up to 6" diameter
- Elastic strap for secure connection



67062 YJACK® Temperature Strap

## YJACK MANO® Manometer

- Measures static pressure up to +/- 60 inches of water column
- Pressure probe tips and adapters included for accurate duct and gas pressure measurements
- Display readings on the local display or remotely with the YJACK VIEW® App



67068 YJACK MANO® Manometer

## YJACK AMP® Current Probe

- Measures current up to 50 Amps AC
- Current Sensor Accuracy: +/-1% of reading or +/- 0.15 Amps



67067 YJACK AMP® Current Probe

## YJACK DEW® Psychrometer

- Measures percent relative humidity, dry bulb temperature, wet bulb temperature and dew point temperature



67063 YJACK DEW® Psychrometer

## YJACK PRESS® Pressure Gauge

- Measures system pressure up to 725 psig (50 bar)
- 45° x 1/4" quick-coupler fitting for versatile system attachment



67065 YJACK PRESS® Pressure Gauge

## 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

# TITANMAX™ DIGITAL MANIFOLD **NEW!**



## Technological Innovations Combined with the Most Comprehensive Apps... YJACK VIEW® and measureQuick®.



The **YELLOW JACKET® TITANMAX™ Digital Manifold** provides the easiest path to system measurements. This 4-valve manifold provides fast and accurate measurements for refrigeration and A/C systems. The high resolution backlit touchscreen display erases the need for multi-function buttons and provides clear graphical and digital measurements. It also features internal data logging. Connect via Bluetooth® to the **YJACK VIEW® App** or **measureQuick® App** for further analysis. The **TITANMAX™** includes two (2) temperature clamps, a vacuum sensor and a USB-C charging/data cable. Kits also include hoses, wireless probes and a backpack.

### FEATURES & BENEFITS

- ☒ Measures high and low side pressures and temperatures
- ☒ Displays vapor and liquid saturation temperatures
- ☒ Calculates system superheat and subcooling
- ☒ On-board data logging; export to your computer with USB or to your phone via **YJACK VIEW® App**
- ☒ Compatible with **measureQuick® App**
- ☒ Pressure hold mode displays rate of change for both vacuum and positive pressure measurements
- ☒ High resolution, full color, backlit 5" touchscreen display
  - Ultimate user interface – information link on major screens
  - Adjustable timing for auto shut-off
  - Touchscreen never has to be calibrated
  - Digital and graphical pressure/temperature measurements
  - All relevant refrigerant profiles stored including A2L – may designate 3 favorites
- ☒ Robust housing with ergonomic grip
  - 4-way TITAN® valve block
  - Integrated magnets for mounting on equipment cabinet also may be used to store TITAN® Temperature Clamps
  - Pivoting hook
  - Convenient connections for USB port, temperature clamps and vacuum gauge (USB-C charging/data cable included)
- ☒ External vacuum sensor included
  - Vacuum measurements, set targets and leak testing
  - High and low alarms
- ☒ Larger temperature clamps (2) included for up to 1-5/8" pipes
- ☒ Bluetooth® 5.2; range up to 1,000 feet
- ☒ Maximum working pressure 700 psia (48.3 bar)
- ☒ Multiple languages: French, Spanish, German and English



### FEATURES & BENEFITS – Continued

- ☒ Wirelessly measure and display relative humidity, dry bulb, wet bulb and dew point temperature alongside system pressure and temperature measurements in conjunction with **YJACK DEW® Psychrometer**
- ☒ Re-chargeable battery with life indicator
  - Continuous use no backlight: 80 hours
  - Continuous use with full backlight: 4 hours
- ☒ US and INTL units (bar, psia, psig, kPa, MPa, kg/cm<sup>2</sup>)
- ☒ IP52 certified
- ☒ **Two-year warranty**



40880



UPC #	Description
40881	TITANMAX™ Manifold, Vacuum Sensor, TITAN® Temperature Clamps (2), USB-C Cord
BACKPACK KITS WITH PLUS II™ HOSES	
40880	TITANMAX™ Manifold, Vacuum Sensor, TITAN® Temperature Clamps (2), USB-C Cord, Set of (4) PLUS II™ Hoses: (3) 60" 1/4" RYB, (1) 60" 3/8" yellow vacuum hose 3/8" straight x 3/8" 45°, Backpack
40885	TITANMAX™ Manifold, Vacuum Sensor, TITAN® Temperature Clamps (2), USB-C Cord, Set of (6) PLUS II™ Hoses: (3) 60" 1/4" RYB, Compact Ball Valve, (1) 60" 3/8" Yellow Vacuum Hose 3/8" Straight x 3/8" 45°, (2) Compact Ball Valve 1/4" x 5/16", Backpack
40887	TITANMAX™ Manifold, YJACK VAC® Vacuum Sensor, YJACK® Temperature Clamps (2), USB-C Cord, Set of (6) PLUS II™ Hoses: (3) 60" 1/4" RYB, Compact Ball Valve, (1) 60" 3/8" Yellow Vacuum Hose 3/8" Straight x 3/8" 45°, (2) Compact Ball Valve 1/4" x 5/16", Backpack

# SERVICING A2L REFRIGERANTS

## ARE YOU READY?

### A2L Manifolds **NEW!**

- ☑ Designed for R-32/454B/410A refrigerants
- ☑ Select from popular Series 41, TITAN® and BRUTE II® A2L Manifolds
- ☑ Large, easy-to-read 3-1/8" Gauges with steel case, 1% accuracy (class 1)
- ☑ Proven sliding double O-ring piston for reliability and long service life
- ☑ Manifold only or with PLUS II™ Hoses



UPC #	Description
42035	Series 41 A2L Manifold Only, PSI °F
42036	Series 41 A2L Manifold with PLUS II™ 1/4" Hoses 60" 3-Pak RYB, PSI °F
49974	TITAN® A2L 4-Valve Manifold Only, PSI °F
49975	TITAN® A2L 4-Valve Manifold, PLUS II™ 1/4" Hoses 60" 3-Pak RYB, Compact Ball Valve, PSI °F
46014	BRUTE II® A2L Manifold Only, PSI °F
46015	BRUTE II® A2L Manifold with PLUS II™ 1/4" Hoses 60" 3-Pak RYB, Compact Ball Valve, PSI °F

### Series 41 Digital Manifold

- ☑ 3-1/8" backlit LCD gauges provide easy-to-read measurements
- ☑ Pre-programmed with 21 of the most common refrigerants



UPC #	Description
46060	Series 41 Digital Manifold
46062	Series 41 Digital Manifold, 3-Pak PLUS II™ Hoses with Compact Ball Valves

### AccuProbe™ IR Leak Detector

- ☑ Sensitivity Modes: High and low
- ☑ Senses all CFC, HCFC, HFC and HFO refrigerants
- ☑ Rechargeable li-ion battery
- ☑ USB micro charging port and cable



UPC #	Description
69320	AccuProbe™ IR Refrigerant Leak Detector

### A2L Adapters & Hoses **NEW!**

Ideal for A2L Refrigerant Tanks R-32/454B



- ☑ Left-handed brass adapters – available straight, 45° and 90°
- ☑ Easily identified by double ring on tightening knurl for LH connection
- ☑ PLUS II™ Hoses with 1/4" flare fittings in 45° and 90° or with compact ball valve



P/N 19180



UPC #	Description
19124	Adapter 1/4" LH FFL TO 1/4" RH MFL, Straight
19180	Adapter 1/4" LH FFL TO 1/4" RH MFL, 45°
19204	Adapter 1/4" LH FFL TO 1/4" RH MFL, 90°
30260	Yellow Hose, 60" 1/4" LH to 1/4" RH, 45°
30460	Yellow Hose, 60" 1/4" LH to 1/4" RH, 45° with Compact Ball Valve
30660	Yellow Hose, 60" 1/4" LH to 1/4" RH, 90°

### Wireless Refrigerant Charging Scale

- ☑ 220 lb. capacity, large platform
- ☑ ± 0.05% accuracy and 0.2 oz. resolution
- ☑ Stability control for accurate measurements
- ☑ Bluetooth® communication
- ☑ Carrying case included
- ☑ Compatible with YJACK VIEW® App



UPC #	Description
68864	Wireless Refrigerant Charging Scale

# TurboRecover® Refrigerant Recovery Machine

## 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



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

- ❑ High air flow fan with a micro-channel condensor to keep the unit running cool
- ❑ Locking power cord 10' eliminates need for an extension cord
- ❑ One-year warranty

UPC #	Description
95780	TurboRecover® for North America
95782	TurboRecover® for North America with Tank Overfill Switch

# 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



UPC #	Description
95760	RecoverXLT® 115V/60 Hz
95762	RecoverXLT® 115V/60 Hz with tank overfill switch

# 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
<b>EXPORT</b> - Full offering and information at <a href="http://www.yellowjacket.com">www.yellowjacket.com</a>	
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**



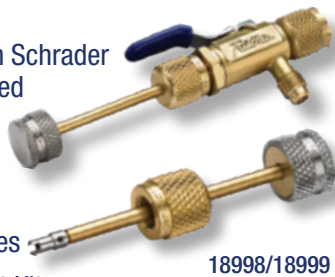
UPC #	Description
93870	BULLET®DC Vacuum Pump 7 CFM
<b>EXPORT</b> - Full offering and information at <a href="http://www.yellowjacket.com">www.yellowjacket.com</a>	
93872	BULLET®DC Vacuum Pump 200/165 L/M, US IEC cord
93873	BULLET®DC Vacuum Pump 200/165 L/M, EU IEC cord
93874	BULLET®DC Vacuum Pump 200/165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

# RealTorque® Core Removal Tools



**Torque Mechanism Clicks when Schrader Core has been Properly Tightened to 3-5 in-lb**

- ☒ Core removal improves speed of recovery and evacuation
- ☒ Torque mechanism clicks when Schrader core has been properly tightened to 3-5 in-lb
- ☒ Side port provides attachment location for vacuum gauge
- ☒ Available in 1/4" and 5/16" sizes
- ☒ Complete valves and Superheat Kits supplied in hard cases for protection
- ☒ One-year warranty



18998/18999



UPC #	Description
18991	1/4" Vacuum/Charge Valve with Side Port
18992	5/16" Vacuum/Charge Valve with Side Port
18994	1/4" Male x 5/16" Female Vacuum/ Charge Valve with 1/4" Side Port
18998	1/4" Torque CRT Accessory
18999	5/16" Torque CRT Accessory
69111	1/4" SuperHeat Kit with Torque CRT
69112	5/16" SuperHeat Kit with Torque CRT

# Digital Adjustable Torque Wrench



60624



60648



60625



60632

- ☒ 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 with 3/8" Ratchet Head
60648	Digital Adjustable Torque Wrench
60625	Adjustable Wrench Head 10-41 MM
60632	3/8" Drive Ratchet Head

# 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



63342

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

# Combustion Analyzer

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



- ☒ Two gas sensors for O<sub>2</sub> and CO, high CO protection
- ☒ CO<sub>2</sub>, combustion efficiency, excess air and ambient CO monitor
- ☒ Flue gas CO detector, displaying PPM for CO to alert CO poisoning
- ☒ 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



YJ Combustion App



- ☒ 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
- ☒ Automatic generation of QR code to download analyses for customers and records
- ☒ Wireless printer option



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

# Combustible Gas Leak Detector **NEW!**

Quickly Detect Gas Leaks in Hard-to-Reach Places.

- ☒ Detects combustible hydrocarbon gases (e.g. natural gases, LPG)
- ☒ Rapid response time
- ☒ Displays readings in PPM, % Vol, % LEL
- ☒ Auto-zero drift adjustment
- ☒ Audible and visible alarms
- ☒ 11" flexible gooseneck probe
- ☒ Field replaceable sensors
- ☒ Protective hard carrying case



UPC #	Description
69310	Combustible Gas Leak Detector

# Hydrocarbon Charging Kit

- ☒ 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