




YELLOW JACKET®

Ritchie
ENGINEERING COMPANY INC.

Est 1949

bp refcool

YELLOWJACKET.COM

CATALOG 2020

EST. 1949

HVAC&R SERVICE TOOLS



RECOVER XLT2-AP REFRIGERANT RECOVERY MACHINE



The YELLOW JACKET® RecoverXLT2-AP Refrigerant Recovery Machine features a 0.5 hp oil-free, twin-cylinder supercharger and a gravity drain condenser. Unique "ambient pressure switch" and three meter long power cord correspond to the current ones Safety requirements. The RecoverXLT2-AP is Designed specifically for the new low GWP refrigerants, including R-32, R-1234yf and R-1234ze and the most common CFC, HFC and HFO refrigerants including R-22, R-404A, R-407 and R-410A, R-448A and R-449A.

0.5 hp, double cylinder, oil-free compressor for quick recovery of class A1, A2 and A2L refrigerant including R-32, R-1234yf and R-1234ze. Safe ventilation of the housing before commissioning. Low pressure switch stops recovery above ambient for leaking systems to prevent air from being drawn into the recovery cylinders. Low-pressure bypass for recovery of leak-free systems.



UPC #	DESCRIPTION
95764	Refrigerant recovery machine XLT 2AP

SUPEREVAC 4, 6, 8, & 11 CFM PUMPS



- The SuperEvac vacuum pump is a highly efficient, two-stage rotary vane oil-sealed pump field-rated at 15 microns or better.
- Isolation valve for oil changes without losing vacuum in the system
- Large oil sight glass for monitoring of oil level
- Large brass oil drain for fast oil changes



UPC #	DESCRIPTION
93543	Vacuum pump 95 L/M (4 cfm) at 50 Hz: 230V, euro plug
93563	Vacuum pump 142 L/M (6 cfm) at 50 Hz: 230V, euro plug
93583	Vacuum pump 190 L/M (8 cfm) at 50 Hz: 230V, euro plug
93593	Vacuum pump 260 L/M (11 cfm) at 50 Hz: 230V, euro plug

- Gas ballast valve keeps oil cleaner, longer during evacuation of wet systems
- Internal intake check valve to help prevent oil backup into the system during a power failure
- Intake filter screen keeps damaging particles from entering the pump
- Heavy duty rotors and bearings

YJ_LTE REFRIGERANT RECOVERY SYSTEM

The YJ-LTE Refrigerant Recovery System is packed with the features you need at a price your budget can handle. Like a built in purge circuit which eliminates the need for external equipment and makes for easy clearing at the end of the job. And superior condenser performance which means the recovery tank stays cooler for a longer period of time, allowing you to recover more refrigerant without high-pressure cut-out. And it's simple to operate, too, with a single valve, single gauge control panel.

- 1/2 hp, twin cylinder, oil-less compressor for fast recovery of Class III, IV and V refrigerants including R-410A
- Easy-to-read and extremely durable 2-1/2" liquid-filled condenser pressure gauge
- Single gauge shows tank pressure during recovery and recovery unit internal pressure during purge
- Sealed compressor crankcase to minimize refrigerant loss over the life of the compressor
- Built-in purge circuit for easy clearing at the end of each job: no extra tanks or vacuum pumps required
- Cup-style piston seals for better performance under high pressure differentials
- Lightweight at less than 12 kg



UPC #	DESCRIPTION
95738	Refrigerant recovery machine YJ-LTE 230V, euro plug

BULLET VACUUM PUMP

- The BULLET® pulls down to 25 microns or better, protecting from contaminants and non-condensable gasses in the HVAC system, which can damage components, reduce efficiency and cause system failure.
- Large oil filler neck for easy and clean filling
- Large oil drain plug for quick oil change
- Made in the USA



UPC #	DESCRIPTION
93613	Vacuum pump 70 L/M (3 cfm) at 50 Hz: 230V, euro plug
93615	Vacuum pump 120 L/M (5 cfm) at 50 Hz: 230V, euro plug
93610	Vacuum pump 165 L/M (7 cfm) at 50 Hz: 230V, euro plug

VACUUM PUMP OIL


The vacuum pump oil is specially refined and for an extremely low vapor pressure as well a high pump efficiency in all temperature conditions



UPC #	DESCRIPTION
93192	Vacuum pump oil 0.95 litre
93194	Vacuum pump oil 3.8 litre

PLUS II 1/4" CHARGING HOSES WITH DOUBLE BARRIER PROTECTION




- Meets SAE requirements J2196
- 276 bar (4000 psi) minimum burst pressure and 55 bar (800 psi) maximum operating pressure
- operating temperature: 28.8 °C to 82.2 °C
- Made in the USA 

UPC #	DESCRIPTION
21983	36" (90 cm), pack of 3, standard connector, 1/4" filling hose
21985	60" (150cm), pack of 3, standard connector, 1/4" filling hose
21986	72" (180 cm), pack of 3, standard connector, 1/4" filling hose

PLUS II 1/4" CHARGING HOSES WITH COMPACT BALL VALVE END




- Complete flow valve
- Complies with European F-gas regulations
- 276 bar (4000 psi) minimum burst pressure and 55 bar (800 psi) maximum operating pressure
- operating temperature -28.8 °C to 82.2 °C (-20 °F to 180 °F)
- Made in the USA 

UPC #	DESCRIPTION
29985	60" (150 cm), pack of 3, compact ball valve, 1/4" filling hose
29986	72" (150 cm), pack of 3, compact ball valve, 1/4" filling hose
29485	60" (150 cm), 3 Pack (29060, 29425, 29465), Compact Ball Valve (R&B 1/4" x 5/16 ") (Y 1/4" x 1/4 ")
21486	72" (180 cm), 3 pack (21072, 21426, 21466), for use with R-410A containers with 5/16" ports. Yellow hose has 1/4" (7/16 – 20 UNF) standard ports

PLUS II 3/8" "B" CHARGING HOSE




- 207 bar (3000 psi) minimum burst pressure and 41 bar (600 psi) maximum operating pressure
- operating temperature -28.8 °C to 82.2 °C (-20 °F to 180 °F)
- Made in the USA 

UPC#	DESCRIPTION
14536	36" (90 cm) Charging hose (Yellow)
14560	60" (152 cm) Charging hose (Yellow)
18160	60" (152 cm) Charging hose (Yellow)
18172	70" (180 cm) Charging hose (Yellow)

MAXFLOW EVACUATION HOSE KIT




The MaxFlow Evacuation Kit combines a 1/2" vacuum hose with our most popular core removal tool for more than five times the evacuation speed then when standard hose sizes are used.

- 1/4" and 5/16" Core/Vacuum/Charge Tools removes cores that cause restriction
- 1/2" Large diameter hose creates full, quicker flow
 - Heavy duty hose won't collapse
 - Vacuum rated to 20 microns
 - 93887: 3/8" x 1/4" 45°
 - 93889: 3/8" x 5/16" 45°
- Opens up over 90% of internal diameter of access hose
- Perform A/C and refrigeration system evacuations up to 4x faster than using 1/4" hoses
- Reduce the time it takes to pull and hold vacuum leaving a tight and dry system 

UPC #	DESCRIPTION
93887	Maxflow Evacuation Hose Kit 1/4" KIT INCLUDES 60" PLUS II 1/2" heavy duty, 3/8" straight x 1/4" 45° 1/4" vacuum/charge valve with side port
93889	Maxflow Evacuation Hose Kit 5/16" KIT INCLUDES: 60" PLUS II 1/2" heavy duty, 3/8" straight x 5/16" 45° 5/16" vacuum/charge valve with side port

PLUS II 1/4" CHARGING HOSES WITH SEAL RIGHT LOW LOSS ANTI-BLOW BACK FITTING




- Low loss anti-blow back SealRight fitting immediately traps refrigerant in the hose when disconnected, helping meet non-venting regulations and prevent finger burns
- 45° end for easy use in confined areas.
- 276 bar (4000 psi) minimum burst pressure and 55 bar (800 psi) maximum operating pressure
- Operating temperature -28.8 °C to 82.2 °C (-20 °F to 180 °F)
- Made in the USA 

UPC #	DESCRIPTION
22983	36" (90 cm), 3 pack, PLUS II™ 1/4" hose with Seal-Right connection
22985	60" (150 cm), 3 pack, PLUS II™ 1/4" hose with Seal-Right connection
22986	72" (180 cm), 3 pack, PLUS II™ 1/4" hose with Seal-Right connection

4-IN-1 1/4" BALL VALVE TOOL FOR VACUUM CHARGE, CORES AND RECOVERY



- Remove and replace Schrader cores without losing charge.
- Extra 1/4" side port on 18975 to attach electronic micron vacuum gauge right at system for greater accuracy or to add refrigerant

- Evacuate and charge through an unrestricted line for increased speed and higher vacuum
- Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process
- Made in the USA 

UPC #	DESCRIPTION
18975	1/4" vacuum / charging valve with 1/4" side port
18985	5/16" vacuum / charging valve with 5/16" side port

SEALRIGHT QUICK COUPLERS




Automatically and immediately trap refrigerant in the hose when disconnected, helping meet venting regulations and preventing finger burns.

- One-piece attaches quickly, saving up to 50% in time compared to 2-piece quick couplers.
- Made in the USA

UPC #	DESCRIPTION
19109	1/4" Seal right Str. X 1/4" male flare

AUTOMOTIVE R-134A A/C COUPLERS



- Fast & simple Connection / disconnection
- Control valve for access to Systems, even at operating pressure
- Integral safety sleeve holds the clutch securely on the connection
- Highest flow properties
- Low profile for tight applications.
- Made in the USA 


UPC #	DESCRIPTION
41301	Chrome hi-side x 14 mm R-134a coupler
41302	Chrome lo-side x 14 mm R-134a coupler



COMPACT BALL VALVES FOR 1/4" AND 5/16"




- 1/4" ball valves are UL approved up to a minimum burst pressure of 276 bar (4000 psi) and a maximum operating pressure of 55 bar (800 psi)
- 5/16" for R-410A applications using 5/16 inch system connectors

- 5/16 in. Is UL approved up to a minimum burst pressure 276 bar (4000 psi) and a maximum operating pressure of 55 bar (800 psi)
- Made in the USA 

UPC #	DESCRIPTION
93825	5/16" compact ball valve for 5/16" inner flange x 1/4" outer flange
93827	5/16" compact ball valve for 5/16" inner flange x 5/16" outer flange
93842	45° compact ball valve -1/4" (3pack) 1/4" internal beading x 1/4" Outside beading

QUICK COUPLERS (SCHRADER CORE IN MALE END)



- All couplings have Schrader valve inserts in the outer flare end
- The sleeve-coupling end has a deep knurl for easy handling
- Patented CH14" Adjust a valve" opener on all 1/4" inner flare ends
- Made in the USA 

UPC #	DESCRIPTION
19173	5/16" vacuum / charging valve with 5/16" side port

TUBE DEBURRING TOOL



UPC #	DESCRIPTION
60163	Deburring tool with spare blades

R1234YF A/C COUPLERS

- Connector for R1234yf service connectors
- 12 mm internal thread
- SAE-J639, J2888 and J2911 certified

UPC #	DESCRIPTION
41441	High side x 12mm, R-1234yf clutch
41442	Low side x 12mm, R-1234yf coupler



P51 SERIES DIGITAL MANIFOLD



The YELLOW JACKET® P51 TITAN™ Digital Manifold Series provides ultimate system measurements with ease. This 4-valve manifold provides fast and accurate measurements for refrigeration and a/c systems. Measurements are displayed on a backlit digital display and can be transmitted via Bluetooth® to a Smartphone for even further analysis. Local display of system pressures and temperatures, superheat and subcool provide instant analysis. When connected to your Smartphone, target superheat and subcool are easily attained, along with all the other capabilities of the ManTooth™ app

The flagship YELLOW JACKET P51-870 TITAN features a 4.3" full color touchscreen graphic display with digital and graphical representation of pressure and temperature measurements. It also features on-board data logging and standard vacuum sensor and measurements (vacuum sensor included). A 4-pak of hoses is included as well as two temperature clamps and a backpack carrying case for safe storage.

FEATURES / BENEFITS OF P51 TITAN SERIES

- Measures high and low side pressures and temperatures
- Displays vapor and liquid saturation temperatures
- System superheat and subcooling calculations
- On board data logging; export to your computer through USB or to your phone via the ManTooth app
- Pressure hold mode displays rate of change for both vacuum and positive pressure measurements
- 4-way TITAN valve block
- 126 refrigerant profiles stored in the instrument including new blends not currently on the Refprop database.
- Backlit display with auto-dimming
- Auto shut-off
- Bluetooth capability for use with ManTooth app
- Includes two temperature clamps
- Optional vacuum sensor available (included with P51-870)
 - Vacuum measurements, targets and leak testing
 - High and low alarms
- Re-chargeable battery with battery life indicator
 - Continuous use no backlight: 80 hours
 - Continuous use full backlight: 5 hours (40860); 4 hours (40870)
- US and international units (bar, psia, psig, kPa, MPa, kg/cm2)
- Maximum working pressure 700 psia (48.3 bar)
- USB charging port
- Robust housing

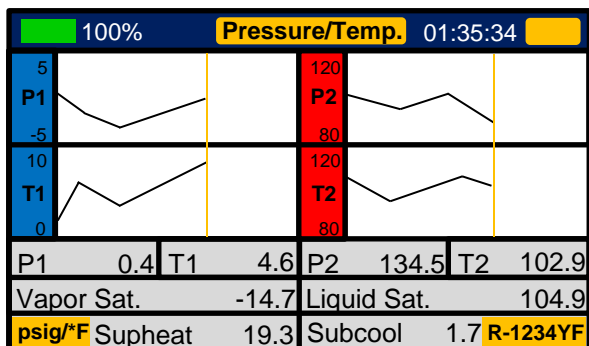
ADDITIONAL FEATURES AND BENEFITS OF THE P51-870 TITAN

- 4.3-inch full-colour touch screen display
- Digital and graphical representation of pressure and temperature measurements
- Two temperature clamps included
- Including vacuum sensor
- Set of 4 distribution hoses included
- Including backpack carrying bag



APPLICATIONS

- AC & R system evaluation
- Evacuation
- Charging/Recovery
- Leak Testing



UPC #	DESCRIPTION
40860	P51-860 Titan Digital Manifold
40870	P51-870 Titan Digital Manifold
67030	Vacuum – Sensor
10146	Backpack
67010	Temperature-Probe
21990	(3) 60° RYB standard fitting (1) 60° Y (3/8" str X 3/8" 45° Quick coupler)

YJACK TEMPERATURE/HUMIDITY KIT



The YELLOW JACKET YJACK™ Series provides a total HVAC/R diagnostic solution. The YJACK™ TEMPERATURE CLAMP KIT includes two YJACK™ Temperature Clamps and one YJACK PATH™. The YJACK™ TEMPERATURE CLAMP provides wireless Bluetooth® measurements for surface temperature of pipes up to 1.25" diameter and has a flexible cable connection for easy access in small and difficult to reach areas. YJACK PATH™ RANGE EXTENDER connects and re-broadcasts up to six YJACK™ devices and up to two P51-870 TITAN® devices at one time using a Bluetooth® signal while providing amplified signal strength through difficult-to-penetrate barriers. This kit is compatible with YJACK VIEW™ App and P51-870 TITAN® devices.



UPC #	DESCRIPTION
67071	YJACK Temperature/Humidity Kit: (2) YJACK Temperature Clamps, (2) YJACK DEW Psychrometers, (1) YJACK PATH

MANTOOTH WIRELESS DIGITAL VACUUM / TEMPERATURE / PRESSURE METER



The YELLOW JACKET® ManTooth™ line offers technicians a full range of wireless, Smartphone-controlled product options for the maintenance of refrigeration and refrigeration systems. The Bluetooth®-based ManTooth family includes a pure vacuum gauge, a pure pressure/temperature gauge and a combined pressure/temperature/vacuum gauge.

Each device uses a free-to-download ManTooth RSA app that calculates the system's actual readings and displays them in an easy-to-read format on your iPhone, iPad or Android device

The YELLOW JACKET ManTooth DTV (67023), the below, provides the complete range for high and low side measurements with dual pressure / temperature gauges, two wired temperature

clamps and a replaceable vacuum gauge. The single ManTooth PTV (67021) can be combined with an existing ManTooth P/T device (67001) to add wireless vacuum capabilities and / or make it a complete one Expand system analysis tool.



The ManTooth-V vacuum gauge (67020) comes in a hinged box, while the ManTooth PTV units are delivered in a carrying case. Suitcases can also be purchased separately

Add the coupling 19221 (90°) or 19121 (straight) to allow mounting on 5/16" systems

PRODUCT FEATURES:

- Replaceable/removable vacuum gauge
- Cleaning-friendly vacuum sensor
- Built-in Schrader cores for easy refrigerant charging
- Operation with and without hose connection
- Two years warranty
- Rechargeable LiPo battery for long battery life
- Robust/stable vacuum sensor
- Integrated magnet for attachment to the frame

APP FEATURES:

- Available in English, French, Spanish, Dutch and German.
- Data logging for collecting and documenting values during service work
- Improved connectivity and reconnection process when the signal is lost
- Ability to download the recorded data for graphing in Excel
- Backward compatible with existing ManTooth devices (except vacuum gauge)

UPC #	DESCRIPTION
67001	Mantooth PT single pressure gauge
67002	Mantooth PT dual pressure gauge
67003	Two (2) Mantooth single pressure gauge
67020	Mantooth V (vacuum only) with side grip
67021	Mantooth PTV Single with side grip
67023	Mantooth PTV dual with side grip
67030	Vacuum sensor
67012	USB Cable
67014	Carrying case (67001, 67002, 67020, 67021, 67023)
93394	Tether-cap for (67001, 67002, 67021, 67023)

SERIES 41 DIGITAL MANIFOLD



- Clear, fast and accurate pressure measurements for all your system applications
- Backlit 3-1/8" LCD meters provide easy-to-read, accurate system pressure readings
- The replaceable pressure gauges are designed for a maximum pressure of 800 psi so you do not have to worry about overpressure.
- Pre-programmed with the 21 most common refrigerants
- Unit (pressure): psi / bar / MPa / kg / cm² / kPa
- Automatic shutdown: 10 minutes
- Zero pressure function
- Power supply: Battery CR123A (3.0 V, 1400 mAh)
- Battery life: 2 years continuous operation without backlight

Refrigerant

R-404A, R-407C, R-407F, R-408A, R-410A, R-417A, R-427A, R-444B, R-448A, R-449A, R-452A, R-507, R-600, R-1234YF, R1270

UPC #	DESCRIPTION
46060	Series 41 Digital manifold
46062	Series 41 digital manifold with 3-pack Plus II hoses with compact ball valve
49017	Replacement Meter



SERIES 41 2-WAY MANIFOLDS WITH 2-1/2" GAUGES



Forged body is solid brass for durability. Full porting maximizes capacity. Metal valve handles are full size for easy operation. Hose anchors are forged into back of body at 45°.

- Flutterless™ technology means surge protector and silicone dampened movement helps minimize needle pulsation for easier, more accurate readings
- Sliding double "O" ring pistons reduces wear
- Most manifolds include color-coded YELLOW JACKET charging hoses
- Easy-to-read 2-1/2" (63.5 mm) steel case gauges with 3-2-3% accuracy (Class B)
- Limited lifetime warranty on manifold bar and valves – not gauges.
- See warranty information for details
- Made in the USA



UPC #	DESCRIPTION
41332	Manifold Bar/psi, R134a/404a/407c

SERIES 41 2 WAY MANIFOLDS WITH 3-1/8" GAUGES



Series 41 manifolds are also available with larger, easier to read 3-1/8" color-coded gauges in rugged steel cases with polycarbonate crystals. These gauges feature 1% accuracy (Class 1) for an exact reading in critical charge systems.

- Sliding double "O" ring pistons reduce wear
- Durable nylon seats
- Forged brass body for durability
- Made in the USA



UPC #	DESCRIPTION
41652	Manifold only with 5/16", 1/4", 5/16", anchor and 1/4" service fitting, Bar/psi

HEAT PUMP MANIFOLD



- Large 3-1/8" gauges feature steel housing with polycarbonate crystal
- High and low pressure side gauges provide readings up to 55,16 bar (800 psi)
- Full scale 1% accuracy scale (class 1) provides the level of accuracy required for critical charging systems
- Proven sliding double "O" ring pistons reduce wear
- Full portability maximizes capacity and flow
- Made in the USA



UPC #	DESCRIPTION
42041	Manifold with 1/4" -1/4-1/4" Hose holder connection R-22,R-407C, R-410A
42051	Manifold with 5/16", - 1/4" - 5/16" hose holder connection R410a

BRUTE II 4-VALVE TEST AND CHARGING MANIFOLD



- Aluminium alloy body designed for strength and reliability, with 3/8" body bores for faster operation
- 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 with 1/4" high/low pressure sides with 3/8" vacuum port for normal jobs or 3/8" high/low pressure sides with 1/2" vacuum port for larger systems

UPC #	DESCRIPTION
46190	4V-Manifold only for R-134a/404a/407c bar/psi

TITAN 2-VALVE TEST AND CHARGING MANIFOLD



- Comes with the same features and benefits as the TITAN™ 4-valve unit but without the fourth hose. All fittings 1/4" unless otherwise noted.
- Exclusive in-line mesh filters of size 100 on all flare connections keep out particulate material and extend the life of the seats.

- Sight glass for easy view of refrigerant flow and condition during charging and recovery



- Made in the USA

UPC #	DESCRIPTION
49862	2V-Manifold only with 1/4" fittings R-32/410A bar/psi

NH₃ AMMONIA MANIFOLD



- Cast iron body and metal handles with full size
- Dual temperature/pressure gauge R717 with bar with °C and °F bar/psi ammonia scales
- Finger-tight one-piece valve stem for positive seal on nylon seat
- Use only with NH₃ rated hoses
- Made in the USA



UPC #	DESCRIPTION
40193	Manifold gauge with 3 ammonia hoses (150 cm)

TITAN 4-VALVE TEST AND CHARGING MANIFOLD



- Fourth hose enables connection to hi-/lo-sides, refrigerant tank and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses
- 3/8" vacuum connection for using a larger hose to cut evacuation time by up to 33% (all other ports are 1/4 inch)

- Large, easy-to-read 90 mm (3-1/8 inch) steel case red and blue 1% accuracy (Class 1) Gauges
- Easy front access to field recalibration

- Exclusive in-line mesh filters of size 100 on all flare connections keep out particulate material and extend the life of the seats

- Sight glass for easy view of refrigerant movement and condition during charging and recovery



- Made in the USA

UPC #	DESCRIPTION
49966	4V-Manifold only with 1/4" fittings R-32/410A bar/psi

SINGLE MANIFOLD GAUGE



UPC #	DESCRIPTION
40320	Lo-Side manifold R-410A
40340	Lo-Side manifold R-600A/600/290

CO₂ TEST AND CHARGING MANIFOLD



- Manifolds and hoses specifically for transcritical CO₂ applications (R-744).
- The Transcritical CO₂ Inspection and Filling Fixture is constructed with a forged aluminum alloy housing, which makes it lightweight and easy to handle.

- No sight glass means extra security. With genuine 45° SAE torch hoses, 78 inches (200 cm) long.

UPC #	DESCRIPTION
45925	Titan CO2 manifold with (3) black, (1) yellow hose

REFRIGERANT GAS ANALYZER



- Dispersive infrared technology quickly determines the weight concentrations of R-12, R-134a, hydrocarbons and air
- Analytical software identifies EPA SNAP approved blends, as well as illegal replacements and blends including propane and butane
- Quickly and automatically determines purity of R-12 and R-134a to help eliminate potential of human error
- Large, easy-to-read graphing display
- Rechargeable battery lasts all day
- Rugged portable case includes R-12 hose with 1/4" flare and R-134a with auto coupler

SPECIFICATIONS

- Operating temperature range: 40 °F to 130 °F
- Operating humidity: 0-95% RH non-condensing
- Display: 128 x 64 pixel LCD
- Resolution: 0.1%
- Output: Digital display and LEDs, optional printer module (internal)
- Power: 12V, via battery clips (optional power supply available)
- Weight: 3.6 Kg
- Start to finish: 60 seconds

UPC #	DESCRIPTION
68940	HVAC Multi refrigerant analyzer
68941	R-134a Refrigerant analyser, R40 sensitive
68949	Refrigerant analyzer (R-12, R134a, HC, EPA, SNAP approved blends)
68947	Refrigerant analyzer with printer
68948	Optional internal rechargeable battery kit and 110 v charger
68950	Thermal printer paper roll

ANEMOMETER



This hand-held instrument reads both air velocity and temperature simultaneously when balancing air conditioning/heating ventilation systems.

FEATURES

- Microprocessor controller
- Calculates cfm air volume
- Records minimum and maximum readings
- Averages air velocity
- Display "hold" button freezes LCD reading
- °F/°C switchable
- Auto off after 20 minutes
- RS232 output

SPECIFICATIONS

- Air flow ranges: 125 – 4900 ft/min
- Resolution: 1 ft/min and 0.01 m/sec.
- Accuracy: ±2%
- Temperature: 14°F to 122°F (-10°C to 50°C)
 - Resolution: 0.01°F and 0.1°C
 - Accuracy: ±1.0°F (±0.6°C)
- Power: 9V battery, battery life approximately 100 hours
- Fan diameter: 2-7/8" (70 mm)

UPC #	DESCRIPTION
68915	Anemometer kit
68916	Replacement 2.75" (70mm) diameter probe assembly

CHARGING SCALES




- Compact and lightweight
- Rugged, low profile design.
- Maximum weight: 100 kg (200 lbs.)
- Large backlit LCD
- The control module with 1.8 m cable fits under the balance when not in use
- The stability indicator indicates when the balance is ready for reading.
- Over range indicator
- Automatic shutdown
- 40 hours of uninterrupted battery life with display

UPC #	DESCRIPTION
68862	Load scale with bag 100 kg

SUPEREAC LCD VACUUM GAUGE



- Full range of atmosphere up to 1 micron
- Combines thermocouple sensor technology with advanced electronics for accurate readings and repeatability not found in thermistor sensors or analog gauges
- A precision circuit controls the sensor and translates the read sensor values into micrometer readings
- Made in the USA 

UPC #	DESCRIPTION
69075	SuperEac full scale LCD vacuum gauge, complete kit
69073	Replacement sensor

WIRELESS REFRIGERANT CHARGING SCALE



With a 100 kg capacity, large platform Bluetooth communication, this accurate scale makes refrigerant charge measurements fast and easy. Just connect with any smart device, and you're ready to go with .5% accuracy and 0.2oz resolution, service technicians can count on precision measurements every time. Save the charging measurements to your smart device, and you have a permanent record for the installation or service call.




SPECIFICATIONS	
Weight Capacity	220 lb / 100 kg
Overload Protection	Yes
Measurements Units	Pounds and ounces or kilograms
Reading Accuracy	0.05% accuracy
Reading Resolution	5g
Operating Temperature	0- 50°C
Scale Platform Diameter	300 mm
Scale Weight	2.9 kg
Power	9V battery (included)
Battery Life	40 + hours
App OS Compatibility	IOS or Android
Bluetooth Technology	Bluetooth Low Energy (BLE)

- Low energy Bluetooth communication
- Lightweight, durable design
- Stability control for accurate measurements
- 100 Kg capacity
- 0.05% accuracy & 0.2 oz resolution
- Oversized Platform (12": 300mm)
- Integrated handle
- Carrying case included
- 9V battery included

UPC #	DESCRIPTION
68864	Wireless refrigerant scale 100 kg

OMNI DIGITAL VACUUM GAUGE




- Rich and intuitive interface - turn it on and it's ready to use with the default settings.
- The easy-to-clean vacuum sensor measures 450 psi overpressure and reads several vacuum units (microns, millibar, torr and pascal).
- An audible and visual signal when the desired vacuum level is reached.
- Electronic paper display for clear View - even in direct sunlight.
- 45 ° bend for attachment (1/4 inch or 5/16 inch)
- Low battery indicator and automatic inactivity shutdown. 

UPC #	DESCRIPTION
69020	Omni digital vacuum gauge

VACUUM GAUGE CLEANING KIT



- Follow cleaning procedures for these Yellow Jacket Vacuum gauges: 6902 series OMNI, 6703 series used with P51 digital manifold and Mantooth gauges or 69086 digital vacuum gauges.
- Made in USA 

UPC #	DESCRIPTION
69030	Vacuum gauge cleaning kit



ACCUPROBE UV LEAK DETECTOR



- Use the electrolyte sensor or UV technology (or both at the same time) to detect HFC, HCFC, HC and HFO refrigerants, including SNAP-approved hydrocarbon blends
- The exclusive electrolyte semiconductor sensor technology reduces heat build-up and allows the sensor to last longer than traditional heated anodes or heated diode detectors
- EN14624 compliant
- Made in the USA



UPC #	DESCRIPTION
69337	Accu Probe UV
69384	Replacement sensor and filter

ACCUPROBE IR LEAK DETECTOR



Use the infrared sensor for ultimate sensitivity, accuracy and reliability. Identifying the smallest leaks is fast and easy. Detects all CFC, HCFC, R-404A, R-410A and R-1234yf. The smart Alarm LED shows the size of the leak on a rising scale. Coupled with two modes for sensitivity gives the accuprobe IR the ability to locate a leak of any size.

- Minimum sensitivity: 1.0 oz/yr (3 g/yr.)
- Body material: ABS
- Body length: 8.25" (210 mm)
- Probe length: 17" (430mm)
- Weight: 0.38 Kg
- Calibration: Automatic
- Response Time: Instantaneous
- Battery life: 8 hours
- Fast charge Time: 3 hours
- Holds charge when Not in use: 9 months
- Operating Temperature range: -20°C to 60°C

UPC #	DESCRIPTION
69320	Accuprobe IR leak detector

- Sensor Type: Infrared
- Senses all CFC, HCFC, HFC, and HFO Refrigerants
- Sensitivity Modes: High and low (Auto Zero)
- Manual zero capability
- Audible and visual Leak Indication
- Regulations: CE, EN14624, EN61010, SAE2913
- Rechargeable Li-Ion battery
- Sensitivity will not degrade over time
- USB micro charging port (cable included)
- Includes one (1) spare filter
- Includes carrying case
- Made in USA



ACCUPROBE II LEAK DETECTOR



- Low, normal and high sensitivity levels with acoustic signals for quick and easy detection of leaks
- Sensor Life: Over 300 hours of life with minimal cleaning and no adjustments
- EN14624 compliant
- Made in the USA



UPC #	DESCRIPTION
69354	Accu Probe II Leak detector
69384	Replacement sensor and filter

H2 MONITOR



- Use in conjunction with an indicator gas mixture (95% nitrogen and 5% hydrogen) to detect leak rates of less than 5 ppm
- Sensitivity Less than 5 ppm
- Sensor life: over 300 hours
- Response time: immediately
- Made in the USA



UPC #	DESCRIPTION
69341	H2 leak detector
69342	Replacement sensor

COMBUSTIBLE GAS DETECTOR

- Detects all hydrocarbons and other flammable gases, including propane, methane, butane, industrial solvents and more.
- Normal, high or low sensitivity settings
- The frequency of the beep increases when a leak is detected until an alarm sounds when a high gas concentration is reached.
- The Smart Alarm LED indicates the leak size.
- Highly sensitive, durable sensor.



UPC #	DESCRIPTION
69373	Leak detector for combustible gases

MICRO LED UV FREON LEAK DETECTOR KITS AND LAMPS

- For all air conditioning systems and lamp
- Individual reflectors surround each of the five LEDs recessed into the stainless steel head for protection
- Durable LED's



UPC #	DESCRIPTION
69789	UV led flashlight and disposable applicator for AC/R
69782	UV led flashlight with a wavelength of 395-415 nm

UNIVERSAL A/C DISPOSABLE INJECTORS



- Universal disposable applicator 30 ml for quick and clean use
- No refrigerant exchange necessary
- Maximum system port pressure of 80 psi
- Not suitable for R-410A systems
- Made in the USA

UPC #	DESCRIPTION
69700	30 ml Disposable applicator (pack of 6)
69721	30 ml Disposable applicator (pack of 2)

LIGHTWEIGHT SWAGING/FLARING TOOL



The aluminium body of the YELLOW JACKET flare and expansion tool is only half as heavy as conventional steel structures.

Lightweight and portable 45° SAE flare quick connection at the yoke

- Built-in slide gauge to easily meet desired flare sizes without the guesswork.
- Six quick-change positions for crimping soft copper and aluminum tubes
- The chrome plated surface of the bolts allows easy pressing
- Strong aluminum rods - tested more than 1000 times.
- A yoke for crimping and expanding work
- Blow molded transport box included

UPC #	DESCRIPTION
60430	Position for 1/4, 5/16, 3/8, 1/2, 5/8, and 3/4" line OD
60431	Position for 1/4, 5/16, 3/8, 1/2, 5/8, and 3/4" line OD metric :6 position for 6, 8, 10, 12, 16, 18 mm OD Including hexagon key

DIGITAL ADJUSTABLE TORQUE WRENCH



- Captures and displays torque measurement in real time, offering users unprecedented levels of measurement Control and accuracy. For convenience, the torque wrench has nine standard preset ones Torque values that

when you tighten the nut on the digital screen. For additional safety, indicator lights increase when approaching the torque value.

- Adjustable key head
- Integrated notch on the key head to secure the seat to the flare nut
- +/- 2% accuracy
- CW and CCW operation
- Peak hold and track mode selectable
- Buzzer and LED display for the nine preset target torques
- Four user-selectable units of measurement (ft. Lb., in. Lb., N-m, kg-cm)
- 50 data memories for recall and joint torque auditing
- Automatic switch-off (after approx. 5 minutes idling)

UPC #	DESCRIPTION
60648	Digital adjustable torque wrench
60647	Adjustable key head 5-30 mm
60632	3/8" Ratchet head accessories

ELECTRIC/MANUAL LIGHTWEIGHT FLARING TOOL



The aluminum body of the YELLOW JACKET Crimping tool is only half as heavy as conventional steel structures. For superfast beading, remove the upper handle and replace it with an electric drill drive.


Only for use with a drill Torque adjustment function.

- Handle for manual flanging included.
- Side handle locks the movement of the yoke during beading.
- Tapered 45° tapered tapered cone produces rolling with uniformly crimped walls, without roughening 1/4" to 3/4" O.D. tubes.
- Built-in slide gauge to easily meet the desired flare sizes without the guesswork
- Built-in clutch release to prevent over-torquing
- Recommended for soft materials such as copper and aluminum
- Blow molded transport box included

UPC #	DESCRIPTION
60241	Positions for 1/4, 5/16, 3/8, 1/2, 5/8, and 3/4" line OD
60242	Positions for 6, 8, 10, 12, 16 and 18 mm OD

DELUXE 45° FLARING TOOL



- Constructed for the new R-410A system requirements
- Self-centering yoke handles without damaging or constricting the tube.
- Automatic tube height gauge for correct tube height
- Multi-faceted bluing cone produces a burnished Crimp fit for a positive seal
- Made in the USA 

UPC #	DESCRIPTION
60278	Deluxe flaring tool for 1/8" - 3/4" OD

ECCENTRIC CONE FLARING TOOL



- A 45 ° tapered, hardened steel eccentric cone produces rolling with uniformly crimped walls, with no roughening of 3/16" to 3/8" pipes 3/4 inch O.D.
- Large feed screw handle for a smooth rotation with little effort
- Recommended for soft materials such as copper and aluminum
- Built-in clutch release to prevent torque overshoot

UPC #	DESCRIPTION
60295	Flaring tool with eccentric cone for 3/16" - 3/4" OD

UNIVERSAL 45° FLARE/BURNISH TOOL




- Universally constructed bracket holds all tubes with inch and metric sizes up to 5/8"
- Crimp bar is compact and easy to use in confined spaces
- Multi-faceted cone produces a 45° Precision flare and burnishes at the same time
- Flare is formed above flare bar

UPC #	DESCRIPTION
60275	Universal flaring tool for 3/16" - 5/8" OD pipes

SWAGING AND 45° FLARING TOOLS



- Six hardened and coated alloy steel adapters are interchangeable for size and function conversion.
- Attachable, self-centering steel yoke with feed spindle with particularly long handle.
- Deep-knurled adapters.
- Kit comes complete with six swage adapters, flaring cone, two flaring bars, yoke and a deluxe case
- Made in the USA 

UPC #	DESCRIPTION
60440	Complete Swage/flare kit for 3/16" - 3/4" OD

HYDRAULIC TUBE EXPANDER KIT



- Saves time and money
- Eliminates fitting
- Hydraulic power for easy operation
- Lightweight and portable

UPC #	DESCRIPTION
60493	Hydraulic expander set Heads for 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8, 1-5/8" OD small cutter, pipe reamer, carrying case and instructions
60494	Hydraulic expander pump with reamer in carrying case

TUBING EXPANDER/SWAGER



- With long handles for comfortable leverage, easy extension of soft copper and aluminum tubes from 5/16" to 1-5/8" O.D. in seconds
- Rounds of deformed pipes and connections
- Reuse of short pieces and scrap to make couplings
- Use of soft copper tubes with a wall thickness of 0.063 inches and aluminum with an outside diameter of up to 1-5/8" (anneal hard copper before use)
- Use of soft steel with a wall thickness of 0.047" and an outside diameter of up to 7/8"
- The set includes six expander heads, three other sizes are sold separately

UPC #	DESCRIPTION
60407	Expander set with handles, Heads for 3/8, 1/2, 3/4, 7/8 and 1-1/8" OD, Deburring tool, carrying case and instructions

RATCHET HAND BENDER



- Quick change of bending mandrels and shoes
- Trouble-free ratchet mechanism
- Complete Pipe Bend Kit, includes all parts needed to fit 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8" O.D. pipes. to bend
- 60342 The reverse bend adapter allows you to bend leads on the outside of the bend. Is mounted on handle 60331. Available separately.



UPC #	DESCRIPTION
60331	Complete ratchet hand bend kit
60342	Reversible bending adapter for ratchet hand benders

SOLENOID VALVE SERVICE MAGNET

The fastest and easiest way to manually operate solenoid valves. It works by magnetically lifting the spindle assembly and ram to operate the valve during operation. Use:

Check, fix or manually activate and control a directly connected or pre-controlled 2-way solenoid 3-way recovery or 4-way diverter valve typically found in a reverse cycle air conditioner or heat pump.

- Keep a solenoid valve open, during evacuation to access the entire system.
- On the powerhead on a hot water shut off valve to avoid waiting for the opening delay.
- For temporary replacement of a defective coil to open the solenoid valve.
- To switch on the power supply or to replace the magnet if it is defective



UPC #	DESCRIPTION
61192	Solenoid valve service magnet



TUBE BENDERS



UPC #	DESCRIPTION
60390	3 in 1 Tube bender (1/4, 5/16, 3/8 inch)
60373	Tube bender (1/4 inch)
60375	Tube bender (3/8 inch)
60377	Tube bender (1/2 inch)
60378	Tube bender (5/8 inch)
60379	Tube bender (3/4 inch)
60380	Tube bender (7/8 inch)

SERVICE WRENCHES



- Straight - standard reversible ratchet wrench with square holes: 1/4 inch and 3/16 inch at one end; 3/8 inch and 5/16 inch at the other end
- Offset - Ankle-friendly design for Simplification of the application in narrow areas. Square opening 1/4 inch and 3/16 inch at one end; 3/8 inch and 5/16 inch at the other.

- Heavy Duty - provides a heavier grip and greater gear ratio. Stronger gearing combined with strong reversing mechanism for long service life. Square opening 3/16 inches and 1/4 inches at one end; 3/8 inch and 5/16 inch at the other



- Made in the USA

UPC #	DESCRIPTION
60613	Straight maintenance key
60616	Offset maintenance key
60618	High maintenance key

GASKET REMOVER TOOL



Worn seals can be easily removed from the hoses and replaced with new seals. The sharp, angled mandrel is long enough to keep the seal deep to pull out of the hose. Notch on the opposite side of the chisel for placing the depressor in the hose.


The mandrel fits into the box along with five CH20 seals (included) for protection and safety.

UPC #	DESCRIPTION
19047	Tool for removing seals

MAX-FLOW DELUXE OIL PUMP



The Max-Flow deluxe oil pump is a high capacity unit for quick charging.


- Remove oil for recovery and conversion
- Add oil to existing systems
- Pumps 3.8 oz. (112.38 ml) per stroke
- Fits all size oil containers
- Foot stand base provides support and leverage while pumping against the high pressures of a running compressor
- Operating unit in reverse with adapter hose accessory removes oil from equipment quickly and efficiently
- Will pump against 250 psi pressure
- Made in the USA 

UPC #	DESCRIPTION
77930	Max-flow deluxe oil pump

MAX-FLOW COMBINATION OIL PUMP



Pump oil into the compressor on the down stroke while the system is under pressure, making pumping easier with a positive stroke.

- Extracting oil or filling oil to existing systems
- Pumps 78 ml (2.6 ounces) per stroke
- Pumps against a pressure of 13.79 bar (200 psi)
- Suction transfer hose and connections included. Connected to the bottom of the unit to quickly and efficiently drain oil from the system
- Use with alkylbenzene, ester-based, polyester, mineral and synthetic oils
- Made in the USA 

UPC #	DESCRIPTION
77940	Max-flow combination oil pump with tubing

PREMIUM TUBE CUTTERS



Enclosed precision feed mechanism for easy, smooth cutting.

- Wide rollers with flare cut-off groove for convenience. Ground surface for easy rolling
- Wheel retracts into cutter body to save 1" in cutting radius
- Textured finish is easy to grip and hold
- Alloy steel wheels have a sharper cutting wheel edge for less burr on copper, aluminium and mild steel tubing
- Wheels are pinned to rotate in either direction without the screw backing out
- Corrosion-resistant finish on lightweight aluminium frame

UPC #	DESCRIPTION
60101	Tube cutter for 1/8 - 1-1/8" OD
60102	Tube cutter for 1/4 - 1-5/8" OD
60103	Constrictor/cutter for 1/4 - 1-1/8" OD



HEAVY DUTY MINI - CUTTERS

Mini-cutters are compact yet easy to grip and feature large rollers and flare cut-off groove. .

UPC #	DESCRIPTION
60160	Tube cutter for 1/8 – 5/8" OD
60121	Tube cutter for 1/4 - 7/8" OD
60142	Tube cutter for 1/4 – 1-1/8" OD

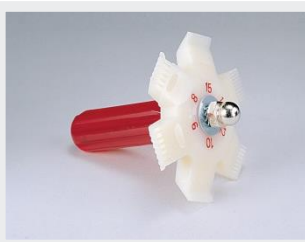
LARGE TUBE CUTTERS



- The wide body has long rollers for holding pipes and a crimp cutting groove
- Contoured handle for easy gripping also holds spare cutter wheel
- Separate deburring tool slides into the cutter body

UPC #	DESCRIPTION
60139	Tube cutter for 3/8 - 2-5/8 " OD

6-IN-1 FIN STRAIGHTENER



- Fin straightener sizes are marked on the head - 8, 9, 10, 12, 14 and 15 fins per inch.
- Compact 4" length



UPC #	DESCRIPTION
61171	6 in 1 Fin straightener



YELLOW JACKET

ADDRESS:

**293, Sector – 6, IMT Manesar,
Gurgaon-122050, Haryana
INDIA**

**TELEPHONE:
0124-4299520
9810948520**



CATALOG 2020

info@bprefcool.com

WWW.YELLOWJACKET.COM

