YELLOW JACKET®

BULLET™ Vacuum Pump

The quality you've come to expect from a YELLOW JACKET product at a price that fits today's budget.





The YELLOW JACKET® BULLET™ vacuum pump is an affordable option for HVAC technicians who know the importance of pulling a deep vacuum. The BULLET pulls down to 25 microns or better, protecting from contaminants and noncondensable gases in the HVAC system, which can damage components, reduce efficiency and cause system failure. Additional features include:

• Highly efficient, two-stage, rotary vane, oil-sealed vacuum pump *at a price that fits your budget*.

- Wide mouth oil reservoir port for easier, cleaner filling. Doubles as pump exhaust threaded to attach garden hose for exhausting to remote location.
- Large oil sight glass for easy monitoring of oil level.
- Large brass oil drain for easy access to fast oil changes.
- Internal intake check valve prevents oil backup into the system during a power failure.
- Intake filter screen keeps damaging particles from entering the pump.
- Heavy-duty rotors and bearings.
- Heavy-duty steel handle for well-balanced carrying.
- Tethered port caps stay with the pump.
- Stable base wide stance metal with rubber overlay.
- Two year limited over-the-counter warranty.
- Made in the U.S.A.

Model 93600	
Free air displacement	7 cfm
Number of stages	2-stage rotary vane
Field blankoff	25 microns
Intake	1/4" x 3/8" x 3/8"
Motor	1/2 hp - 1725 rpm
Internal capacitor thermal overload	Temperature rise 40° C
Voltage (single phase)	115V/ 60 Hz
Power cord	6' - motor mounted switch
Oil capacity	28 oz.
Dimensions	16.25" L x 6" W x 11.5" H
Net weight	30.8 lbs. (14.0 kg)

Ritchie Engineering Co., Inc. YELLOW JACKET Products Division 10950 Hampshire Avenue South Bloomington, MN 55438-2623 USA Phone: (800)769-8370 or (952)943-1333

e-mail: custserv@yellowjacket.com www.yellowjacket.com



YELLOW JACKET®

Refrigeration System Analyzer



Features a full color graphics display that reads in analog, digital or a combination of both. No other refrigeration system analyzer on the market today offers all of these features in one unit:

- 84 NIST refrigerant profiles included (upgradeable via USB for new refrigerants)
- Built-in pressure/temperature chart reference screen for all refrigerants
- Built-in full scale vacuum sensor that reads deep vacuum down to 10 microns
- Dual K-Type temperature-compensated sensor ports that allow for simultaneous suction/liquid readings
- High accuracy and resolution pressure transducers for fast and sensitive leak detection
- Automatic superheat and subcooling calculations
- Corresponding bubble point and dew points for current high side and low side pressures
- Data logging for onscreen review or USB export to PC to generate performance/ExcelTM work reports
- Tracks and exports date and time
- Elevation may be entered manually for accurate, automatic pressure compensation
- Highly weather resistant, glass fiber reinforced, engineering grade thermoplastic housing fully gasketed for water and dust resistance
- Two-year warranty
- Made in the U.S.A.



Specifications:

Pressure sensing resolution (low and high sides):

0.1 psi, 0.01 bar, 1 kPa, 0.1 MPA, 0.01 kg/cm²

Pressure sensing accuracy:

0.5% of full scale at 25°C

1% of full scale at 55°F to 130°F

2% of full scale -40°C to 120°C

Working pressure (maximum measurable pressure):

Low side: 0 - 350 psia High side: 0 - 700 psia

Proof pressure (low and high sides): 1000 psi Burst pressure (low and high sides): 1500 psi

Temperature sensor range: -100 to 600°F (-73 to 315°C)

Temperature display resolution: $0.1^{\circ}F$ or C° Temperature accuracy: $\pm 1.8^{\circ}F$ ($\pm 1^{\circ}C$)

Vacuum display resolution:

Shows two most significant digits in microns (25xxx-10xxx, 99x-10xx, 99x-10x, 99-10)

Other units are direct conversions from the micron value

Vacuum accuracy: 20% of reading

Operating temperature: -4 to 122°F (-20 to 50°C) Storage temperature: -20 to 170°F (-29 to 77°C) Dimensions: 8.3" wide x 6.7" tall x 3.6" deep

(21 cm x 17 cm x 9 cm) excluding manifold

Weight: 3.2 lb (1.45 kg) excluding manifold

Power: AA batteries (8); alkaline, NiCd, NiMH, A-A Lithium, Li Ion, Li Pol (approximately 14 hours of continuous

use with industrial alkaline batteries)

UPC#	Description
40812	Refrigeration System Analyzer with TITAN 4-Valve Manifold with case
40815	Refrigeration System Analyzer with TITAN 4-Valve Manifold and 60" <i>PLUS II</i> Charging Hoses (RYB) with case
	Replacement Parts
40819	Vacuum Sensor Cordset
40820	Battery Holder, 'AA' Size, 2x4
40821	Refrigeration System Analyzer Boot
40822	Replacement Instrument Case
40823	Refrigeration System Analyzer Battery Door
40824	Refrigeration System Analyzer Bumper, Plug, & Sensor/Probe Boots
40827	USB cable
40828	General Purpose "K-Type" Probe (4 Meter)
69087	Vacuum Sensor
69218	General Purpose "K-Type" Probe (1 Meter)