

SUPEREVAC® PLUS II Vacuum Pumps



YELLOW JACKET®

SuperEvac® PLUS II Vacuum Pump *READY EVERY TIME!*

The Brushless DC (BLDC) Motor incorporated in the next generation **YELLOW JACKET® SuperEvac® PLUS II Vacuum Pump** provides key advantages over existing AC technology vacuum pumps. High torque and high efficiency define the ultimate performance in the most reliable vacuum pump. Able to function in extreme low voltage conditions and field rated to 15 microns, the SuperEvac® PLUS II is always ready. The easy-to-carry, lightweight design is available in 4, 6, 8 and 11 cfm models.

High Torque, High Efficiency, Brushless DC (BLDC) Motor

- High Torque means power is always there on demand
- High efficiency means less mechanical and electrical stress; and long life
- Easily handles supply voltage variations; especially low voltage conditions
- Starts and operates in extreme temperature conditions, especially low temperatures
- Over 20% lighter than AC motor-driven pumps
- No low battery condition – No Battery to let you down

Performance and Ergonomics

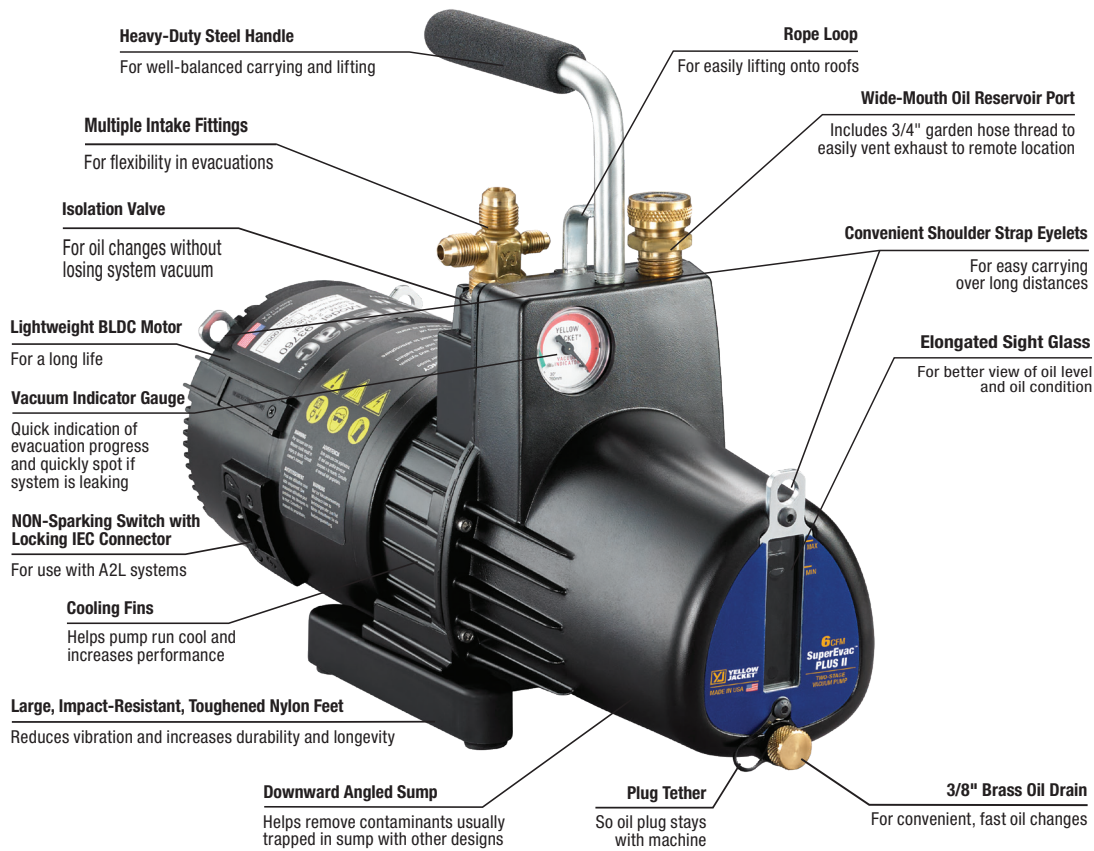


- Convenient shoulder strap for easy carrying over long distances with built-in mount points
- Small oil bath requires less oil
- Built-in cooling fins to cool pump and increase performance
- Anti-suckback valve
- Elongated oil sight glass – easier to see oil level and condition
- Tethered oil drain plug



FEATURES & BENEFITS

- Designed for use with A2L systems
- Isolation valve for oil changes without losing vacuum in the system
- Gas ballast valve keeps oil cleaner, longer during evacuation
- Internal intake check valve to help prevent oil backup into the system and to maintain vacuum during a power failure
- Intake filter screen keeps damaging particles from entering the pump
- Heavy duty rotors and bearings
- Built-in vacuum gauge
- Wide mouth oil reservoir port for easier, cleaner filling. Doubles as a pump exhaust – threaded to attach a garden hose for exhausting to a remote location.
- Large brass oil drain for easy access to fast oil changes
- Downward angled oil sump to remove contaminants usually trapped in other pump designs
- Non-sparking switch for A2L compliance
- Locking, low-profile IEC connector with 9'10" (3 meter) power cord to prevent accidental removal
- Heavy duty steel handle
- Lift hook for hoisting pump to rooftops
- Two-year warranty
- Made in USA



Heavy-Duty Steel Handle
For well-balanced carrying and lifting

Rope Loop
For easily lifting onto roofs

Multiple Intake Fittings
For flexibility in evacuations

Wide-Mouth Oil Reservoir Port
Includes 3/4" garden hose thread to easily vent exhaust to remote location

Isolation Valve
For oil changes without losing system vacuum

Convenient Shoulder Strap Eyelets
For easy carrying over long distances

Lightweight BLDC Motor
For a long life

Elongated Sight Glass
For better view of oil level and oil condition

Vacuum Indicator Gauge
Quick indication of evacuation progress and quickly spot if system is leaking

NON-Sparking Switch with Locking IEC Connector
For use with A2L systems

Cooling Fins
Helps pump run cool and increases performance

Large, Impact-Resistant, Toughened Nylon Feet
Reduces vibration and increases durability and longevity

Downward Angled Sump
Helps remove contaminants usually trapped in sump with other designs

Plug Tether
So oil plug stays with machine

3/8" Brass Oil Drain
For convenient, fast oil changes

DOMESTIC	Model 93740	Model 93760	Model 93780	Model 93790
Free air displacement	4.0 cfm	6.0 cfm	8.0 cfm	11.0 cfm
Number of stages	2-stage rotary vane	2-stage rotary vane	2-stage rotary vane	2-stage rotary vane
Field blankoff	15 microns	15 microns	15 microns	15 microns
Intake	1/4" and two 3/8" Male flares	1/2", 3/8", 1/4" Male flares	1/2", 3/8", 1/4" Male flares	1/2", 3/8", 1/4" Male flares
Motor	BLDC 1/2 hp	BLDC 1/2 hp	BLDC 1/2 hp	BLDC 1/2 hp
Thermal overload protection	Yes	Yes	Yes	Yes
Voltage (single phase) Factory voltage setting	100-127V/220-240V, 50-60 Hz; Factory set at 115V	100-127V/220-240V, 50-60 Hz; Factory set at 115V	100-127V/220-240V, 50-60 Hz; Factory set at 115V	100-127V/220-240V, 50-60 Hz; Factory set at 115V
Power cord	9'10"cord (3 meter) locking IEC	9'10"cord (3 meter) locking IEC	9'10"cord (3 meter) locking IEC	9'10"cord (3 meter) locking IEC
Oil capacity	36 oz.	36 oz.	28 oz.	28 oz.
Dimensions	16" L x 6" W x 11.5" H (40.6 cm X 15.2 cm X 29.2 cm)	16" L x 6" W x 11.5" H (40.6 cm X 15.2 cm X 29.2 cm)	17.5" L x 6" W x 11.5" H (44.5 cm X 15.2 cm X 29.2 cm)	17.5" L x 6" W x 11.5" H (44.5 cm X 15.2 cm X 29.2 cm)
Net weight	24.6 lbs. (11.2 kg)	25.9 lbs. (11.7 kg)	26.8 lbs. (12.2 kg)	28.4 lbs. (12.9 kg)
INTERNATIONAL	Model 9374x	Model 9376x	Model 9378x	Model 9379x
Free air displacement	113 L/M	170 L/M	225 L/M	310 L/M
Motor	BLDC 1/2 hp	BLDC 1/2 hp	BLDC 1/2 hp	BLDC 1/2 hp
Motor voltage (dual phase)	100-127V/220-240V, 50-60 Hz	100-127V/220-240V, 50-60 Hz	100-127V/220-240V, 50-60 Hz	100-127V/220-240V, 50-60 Hz
Dimensions	16.75" L x 6" W x 11.5" H (42.5 cm X 15.2 cm X 29.2 cm)	16.75" L x 6" W x 11.5" H (42.5 cm X 15.2 cm X 29.2 cm)	18.25" L x 6" W x 11.5" H (46.4 cm X 15.2 cm X 29.2 cm)	18.25" L x 6" W x 11.5" H (46.4 cm X 15.2 cm X 29.2 cm)
Net weight	24.6 lbs. (11.2 kg)	25.9 lbs. (11.7 kg)	26.8 lbs. (12.2 kg)	28.4 lbs. (12.9 kg)
Model # US plug Factory voltage setting	93742 (95 L/M at 50 Hz) (113 L/M at 60 Hz) 230V	93762 (142 L/M at 50 Hz) (170 L/M at 60 Hz) 230V	93782 (190 L/M at 50 Hz) (225 L/M at 60 Hz) 230V	93792 (260 L/M at 50 Hz) (310 L/M at 60 Hz) 230V
Model # Euro plug Factory voltage setting	93743 (95 L/M at 50 Hz) 230V	93763 (142 L/M at 50 Hz) 230V	93783 (190 L/M at 50 Hz) 230V	93793 (260 L/M at 50 Hz) 230V (EU/JK plug)
Model # AU/NZ plug Factory voltage setting	93744 (95 L/M at 50 Hz) (113 L/M at 60 Hz) 230V	93764 (142 L/M at 50 Hz) (170 L/M at 60 Hz) 230V	93784 (190 L/M at 50 Hz) (225 L/M at 60 Hz) 230V	
Model # UK Plug Factory voltage setting	93747 (95 L/M at 50 Hz) 230V	93767 (142 L/M at 50 Hz) 230V	93787 (190 L/M at 50 Hz) 230V	

All parts listed will not work with NHs.