

# 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

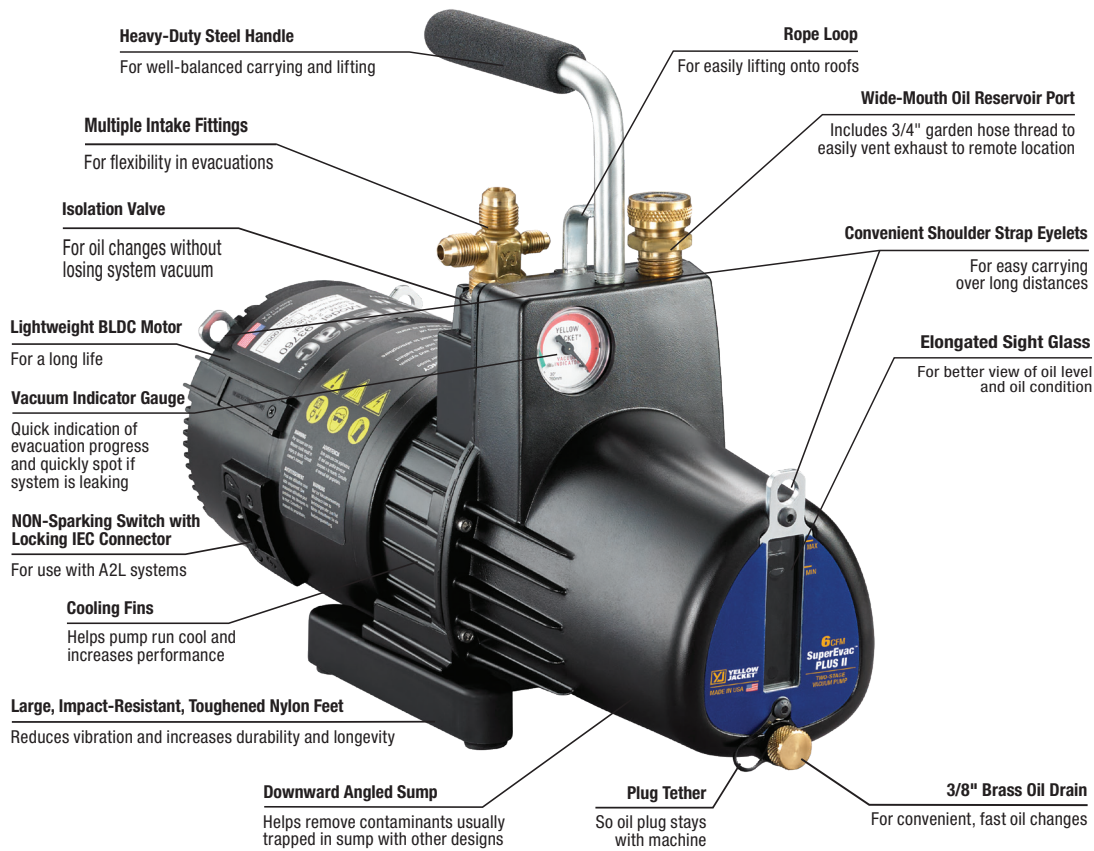


- Convenient shoulder strap for easy carrying over long distances with built-in mount points
- Small oil bath requires less oil
- Built-in cooling fins to cool pump and increase performance
- Anti-suckback valve
- Elongated oil sight glass – easier to see oil level and condition
- Tethered oil drain 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)
<b>Model #</b> US plug Factory voltage setting	<b>93742</b> (95 L/M at 50 Hz) (113 L/M at 60 Hz) 230V	<b>93762</b> (142 L/M at 50 Hz) (170 L/M at 60 Hz) 230V	<b>93782</b> (190 L/M at 50 Hz) (225 L/M at 60 Hz) 230V	<b>93792</b> (260 L/M at 50 Hz) (310 L/M at 60 Hz) 230V
<b>Model # Euro plug</b> Factory voltage setting	<b>93743</b> (95 L/M at 50 Hz) 230V	<b>93763</b> (142 L/M at 50 Hz) 230V	<b>93783</b> (190 L/M at 50 Hz) 230V	<b>93793</b> (260 L/M at 50 Hz) 230V (EU/UK plug)
<b>Model #</b> AU/NZ plug Factory voltage setting	<b>93744</b> (95 L/M at 50 Hz) (113 L/M at 60 Hz) 230V	<b>93764</b> (142 L/M at 50 Hz) (170 L/M at 60 Hz) 230V	<b>93784</b> (190 L/M at 50 Hz) (225 L/M at 60 Hz) 230V	
<b>Model # UK Plug</b> Factory voltage setting	<b>93747</b> (95 L/M at 50 Hz) 230V	<b>93767</b> (142 L/M at 50 Hz) 230V	<b>93787</b> (190 L/M at 50 Hz) 230V	

All parts listed will not work with NHs.