



Standard Vacuum Pump

- **Leakproof system.**
- **Exhaust dome and baffle prevent oil spray.**
- **Compact design.**

The Standard Vacuum Pump is a compact, high-vacuum mechanical pump for all general laboratory applications. The unit consists of two series-connected eccentric pumps joined into a single unit. It attains an ultimate pressure of 0.3 microns of Hg in a leakproof system and has a free air displacement of 3 gallons (10 liters) a minute at its normal speed of 350 rpm. The improved exhaust dome and baffle prevent oil spray. A 1/3 h.p. motor mounted on a common base with the pump drives it through a V-belt.

Specifications

Pump.	Two series-connected eccentric pumps; base-mounted.
Delivery.	0.3 microns of Hg; ultimate pressure in leakproof system; 3 gall/min. (10 liter/min) free air displacement at 350 rpm.
Motor.	1/3 h.p.; V-belt drive; base-mounted.
Intake Port.	1 3/32" (10 mm) o.d.; takes 1/4" (6 mm) bore tubing.
Overall Dimensions.	18-1/2" w. x 10" d. x 10-3/4" h. (469 x 254 x 273 mm).
Weight.	Net 46 lbs. (21 kg).

Ordering Information

- EI88-3100/02.** 115vAC, 60 Hz, 1ø.
EI88-3100/06. 230vAC, 60 Hz, 1ø.
EI88-3100/01. 230vAC, 50 Hz, 1ø

Accessories

- EI88-3115.** High Vacuum Grease. 5.3 oz. (150 g) tube.



High Vacuum Pump

- **Gas ballast to purge moisture from vacuum system.**
- **Trap reduces risk of oil being sucked back into system.**

Specifications

Free Air Displ.	85 liters per minute (3 cu. ft. per minute).
Ultimate Vacuum.	29.95 inches of mercury.
Motor/Pump.	1/3 hp; speed 1725 rpm.
Operating Temp.	30°F to 170°F (0°C to 78°C).
Intake Port.	1/4" o.d. for 1/4" tubing.
Dimensions.	11-1/4" h. x 15-1/2" l. x 6-1/2" w. (29 x 39 x 16 cm).
Weight.	Net 28 lbs. (12.7 kg).

Ordering Information

- EI88-3110/02.** 115vAC, 50/60 Hz, 1ø.
EI88-3110/01. 230vAC, 50/60 Hz, 1ø.

Accessories

- EI88-3115.** High Vacuum Grease. 5.3 oz. (150 g) tube.