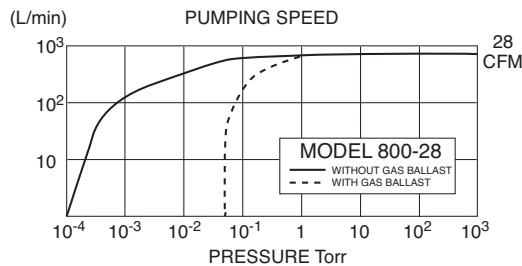




Photo shows Pump with optional inlet trap and exhaust mist eliminator installed. See pages 14 and 15 to order these accessories.



Pumping Speed @ 60 Hz	800 l/min, 28 CFM, 48 m <sup>3</sup> /hr.
Pumping Speed @ 50 Hz	666 l/min, 23 CFM, 40 m <sup>3</sup> /hr.
Ultimate Pressure Gas Ballast Closed	5x10 <sup>-4</sup> Torr, 6.7x10 <sup>-2</sup> Pa, .0006 mbar
Ultimate Pressure Gas Ballast Open	5x10 <sup>-2</sup> Torr, 6.7 Pascal, .06 mbar
Standard Motor, Thermal Protection, CE Mark, complies with	230/380V, 3 phase, 50/60 Hz, 2 hp Machinery directive 98/37/EC
Power Connection	Junction Box
Motor speed @ 60 Hz	1700 r.p.m.
Noise Level	54 dB
Water Vapor Tolerance	40 mbar, 30 Torr
Oil capacity	2300 cc; 2.4 Qt.
Weight Net: 117 lbs., 53 kg	Shipping: 133 lbs., 60 kg
Intake & Exhaust type or diameter	NW-40 or 36 mm O.D. Tube
Ambient operating temperature	7° to 40°C, 45° to 104°F

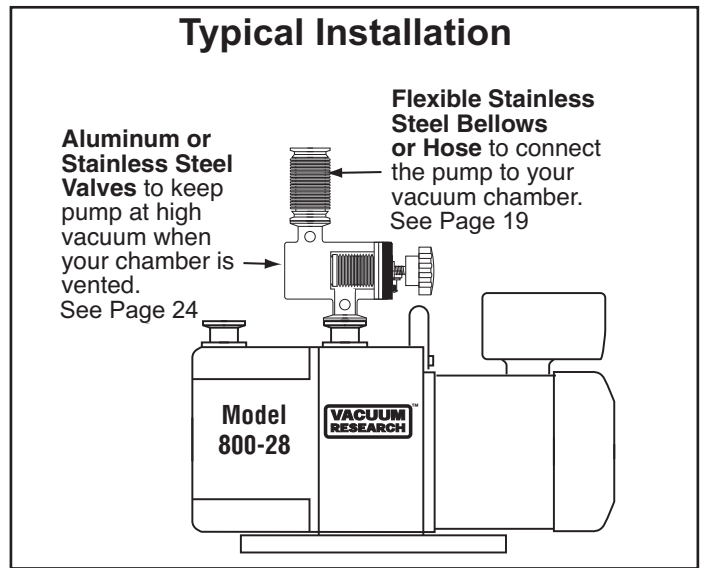
**Features**

- Extremely Quiet • Anti Suck Back Design
- Satisfaction Guaranteed • Two Year Warranty
- Virtually Vibration Free • Motors for Any Voltage
- Complies with Machinery Directive 98/37/EC

**Applications**

- Backing Turbo Pumps • Electron Microscopes
- Vacuum Ovens & Furnaces • Freeze Dryers
- Cluster Tool Load Locks • Sputter & Deposition Systems

**Typical Installation**



**Ordering Information**

**MODEL 800-28 Vacuum Pump With Motor:**

Note: Tolerance is ± 10% of nominal value for all voltages.

- 200V, 50 or 60 Hz, 3 phase, 1.5 kw (2 hp)  
p/n 800-CE-100/200-50/60 ..... \$5450.
- 230 or 460V, 60 Hz, 3 phase, 1.5 kw (2 hp)  
Full load current 6.0 or 3.0 Amps  
p/n 800-CE-230-460-60 ..... \$5450.
- 220 or 380V, 50/60 Hz, 3 phase, 1.5 kw (2 hp)  
Full load Current @ 50 Hz; 6.5 or 4 A @60 Hz; 6.0 or 3.6 A  
p/n 800-CE-380-50/60 ..... \$5450.
- 208 or 380V, 50 Hz, 3 phase, 1.5 kw (2 hp)  
Full load current: 7.2 or 4.0 Amps  
p/n 800-CE-380-50 ..... \$5450.

Pumps with motors for other voltages and single phase power also available. Please contact the factory for price and availability.

**Exhaust Mist Eliminators**

- Exhaust Filter** Coalescing filter for exhaust mist elimination. 99.97% removal efficiency of droplets down to 0.3 micron diameter.  
Model EX.FIL, NW-40, 28 cfm  
p/n RV810240 ..... \$373.

**Fomblin:** For pumps filled with Fomblin PFPE fluid YL VAC 16/6 add to p/n "Fomblin" and increase the price to ..... \$7220.

