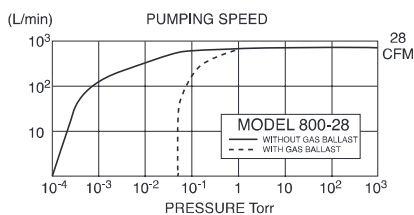
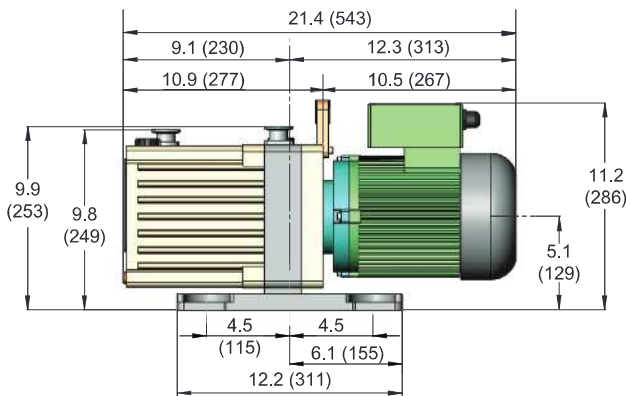




Photo shows Pump with optional inlet trap and exhaust mist eliminator installed. See pages 15 and 18 to order these accessories.



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, On/Off Switch, Circuit	230/380V, 3 phase, 50/60 Hz, 2 hp
CE Mark, complies with	Machinery Directive 98/37/EC
Optional Motors	See ordering information
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	2700 cc; 2.9 Qt.
Weight Net: 117 lbs., 53 kg	Shipping: 133 lbs., 60 kg
Intake & exhaust type/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

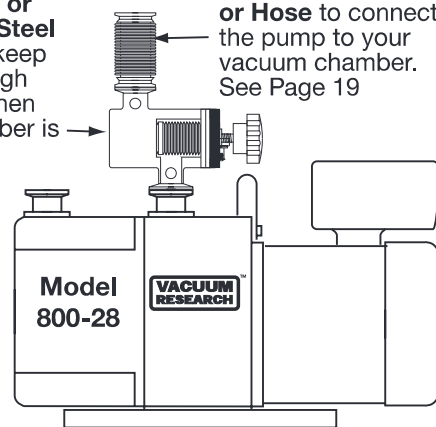
## Applications

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

## Typical Installation

**Aluminum or Stainless Steel Valves** to keep pump at high vacuum when your chamber is vented. See Valve Catalog

**Flexible Stainless Steel Bellows or Hose** to connect the pump to your vacuum chamber. See Page 19



## 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..... \$5952**

30 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..... \$5952**

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 ..... \$5952**

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..... \$5952**

Pumps with motors for other voltages and single phase power also available. Please contact the factory for price and availability.  
**Exhaust Mist Eliminators ..... See Page 18**

**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..... \$408**

**Fomblin:** For pumps filled with Fomblin PFPE fluid YL VAC 16/6 add to p/n "Fomblin" and increase the price to..... **\$8660**