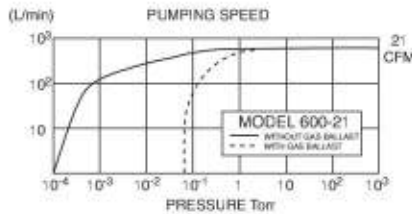
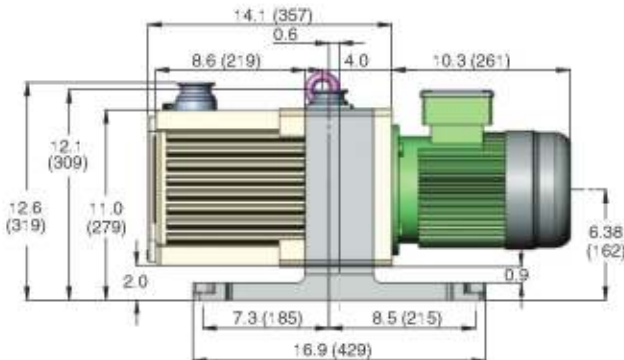




Photo shows Pump with optional inlet trap and exhaust mist eliminator installed. See pages 15 and 18 to order these accessories.



Pumping Speed @ 60 Hz	600 l/min, 21 CFM, 36 m ³ /hr.
Pumping Speed @ 50 Hz	500 l/min, 17.5 CFM, 30 m ³ /hr.
Ultimate Pressure Gas Ballast Closed	5x10 ⁻⁴ Torr, 6.7x10 ⁻² Pa, .0006 mbar
Ultimate Pressure Gas Ballast Open	5x10 ⁻² Torr, 6.7 Pascal, .06 mbar
Standard Motor, On/Off Switch, Circuit	230/380V, 1 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	30 mbar, 22 Torr
Oil capacity	2300 cc; 2.4 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



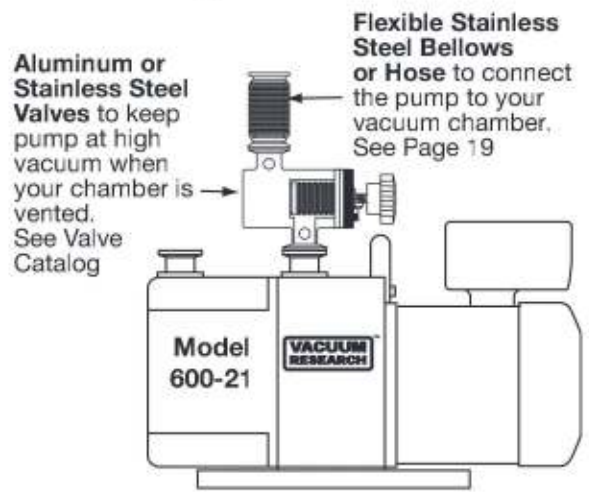
Features

- 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



Ordering Information

MODEL 600-21 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 600-CE-100/200-50/60.....\$4368
 - 230 or 460V, 60 Hz, 3 phase, 1.5 kw (2 hp)
 Full load current 6.0 or 3.0 Amps
p/n 600-CE-230-460-60.....\$4368
 - 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 600-CE-380-50/60.....\$4368
 - 208 or 380V, 50 Hz, 3 phase, 1.5 kw (2 hp)
 Full load current: 7.2 or 4.0 Amps
p/n 600-CE-380-50.....\$4368
- 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, 21 cm
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.....**\$6361**