



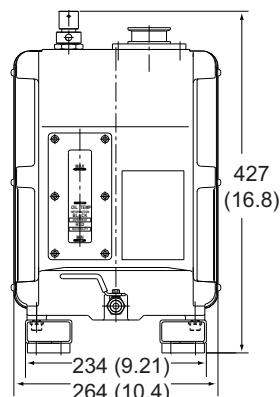
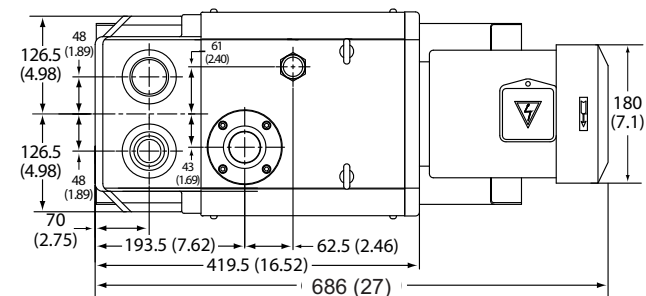
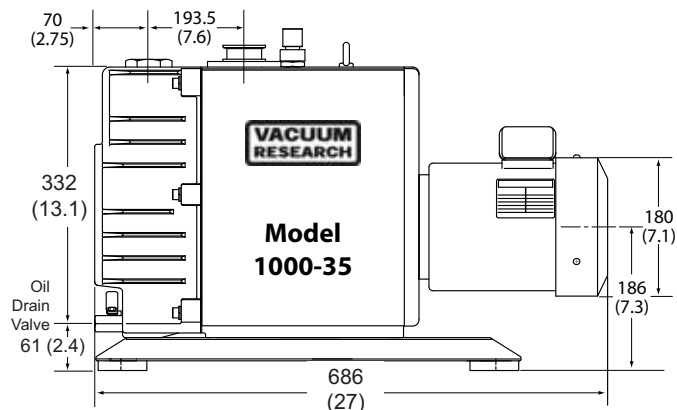
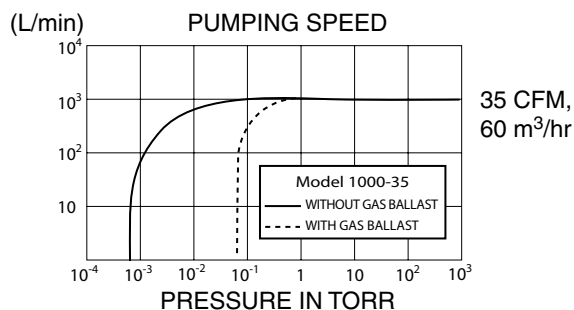
Model 1000-35 has NW-40 flanges for inlet and exhaust ports

**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**

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



mm (inches) shown

Pumping Speed @ 60 Hz	1000 l/min, 35 CFM, 60 m <sup>3</sup> /hr.
Pumping Speed @ 50 Hz	833 l/min, 29 CFM, 50 m <sup>3</sup> /hr.
Ultimate Pressure Gas Ballast Closed	5 x 10 <sup>-4</sup> Torr, 6.7x10 <sup>-2</sup> Pa, .0006 mbar
Ultimate Pressure Gas Ballast Open	5 x 10 <sup>-2</sup> Torr, 6.7 Pascal, .06 mbar
Standard Motor,	220/380V, 3 phase, 2 hp, 50/60 Hz
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	56 dB
Water Vapor Tolerance	40 mbar, 30 Torr
Oil capacity	4500 cc; 4.75 Qt.
Lifting Lugs (on center of gravity)	2 Rings, 3/4" (19 mm) ID, M8 Thread
Holes in Base for Lag Bolts	4 Holes, 0.5" (12 mm) 20"x7" (508x178)
Weight Net: 176 lbs., 80 kg	Shipping: 276 lbs., 125 kg
Intake & exhaust type/diameter	NW-40 standard (Contact factory for more options)
Inlet Screen	Cone Shaped Removable Screen
Ambient operating temperature	7° to 40°C, 45° to 104°F

**Ordering Information**

**MODEL 1000-35 Vacuum Pump With Motor:**

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

200V, 50/60 Hz, 3 phase, 1.5 kw (2 hp)	
<b>p/n 1000-CE-200 50/60</b>	<b>.....\$7220.</b>
220/380V, 50/60 Hz, 3 phase, 1.5 kw (2 hp)	
<b>p/n 1000-CE-380 50/60</b>	<b>.....\$7220.</b>
230/460V, 50/60 Hz, 3 phase, 1.5 kw (2 hp)	
<b>p/n 1000-CE-230-460 50/60</b>	<b>.....\$7220.</b>

**Fomblin:** For pumps filled with Fomblin PFPE fluid YL VAC 16/6 add to p/n "Fomblin" and increase the price to .....\$9850.