1500 l/min • 53 CFM • 90 m³/hr. Two Stage Rotary Vane Vacuum Pump

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

![Image of vacuum pump]

Model 1500-53 has NW-40 flanges for inlet and exhaust ports

![Diagram of vacuum pump]

Pumping Speed @ 60 Hz 1500 l/min, 53 CFM, 90 m³/hr.
Pumping Speed @ 50 Hz 1250 l/min, 44 CFM, 75 m³/hr.
Ultimate Pressure Gas Ballast Closed 5x10⁻¹ Torr, 6.7x10⁻¹ Pa, .0006 mbar
Ultimate Pressure Gas Ballast Open 5x10⁻¹ Torr, 6.7 Pascal, .06 mbar
Standard Motor, On/Off Switch, Circuit 230/380V, 3 phase, 5 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 55 dB
Water Vapor Tolerance 40 mbar, 30 Torr
Oil capacity 6200 cc; 6.5 QL
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) 22x7" (550x178)
Weight Net: 242 lbs., 110 kg Shipping: 367 lbs., 167 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 1500-35 Vacuum Pump With Motor:
Note: Tolerance is ± 10% of nominal value for all voltages.
200V, 50/60 Hz, 3 phase, 3.7 kw (5 hp)
p/n 1500-CE-200 50/60............................................. $8692
220/380V, 50/60 Hz, 3 phase, 3.7 kw (5 hp)
p/n 1500-CE-380 50/60............................................. $8692
230/460V, 50/60 Hz, 3 phase, 3.7 kw (5 hp)
p/n 1500-CE-230-460 50/60............................................. $8692

Fomblin: For pumps filled with Fomblin PFPE fluid YL VAC 16/6
add to p/n “Fomblin” and increase the price to $13,087