600 l/min • 21 CFM • 36 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
- Backing Turbo Pumps • Electron Microscopes
- Vacuum Ovens & Furnaces • Freeze Dryers
- Cluster Tool Load Locks • Sputter & Deposition Systems

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 m³/hr.
Pumping Speed @ 50 Hz  500 l/min, 17.5 CFM, 30 m³/hr.
Ultimate Pressure Gas Balast Closed  5x10⁻⁴ Torr, 6.7x10⁻³ Pa, 0.006 mbar
Ultimate Pressure Gas Balast Open  5x10⁻⁵ Torr, 6.7 Pascal, 0.006 mbar
Standard Motor, On/Off Switch, Circuit
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

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 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 cfm
p/n RV810240 ........................................... $408
Fomblin: For pumps filled with Fomblin FFPE fluid YL VAC 16/6 add to p/n “Fomblin” and increase the price to ➥ $6361