

Specifications

Performance

Vacuum	24.0 inches of Hg (inHg)
Maximum Free Air Displacement	37 L/min
Pressure	20 psi continuous, 35 psi intermittent (230 V~ pump duty cycle: 15 minutes on, 15 minutes off)
Sound Level	Less than 60 dB(A)

Dimensions	WP6111560, WP6110060	WP6122050
Length	7.5 in. (19.1 cm)	10.5 in. (26.7 cm)
Width	7 in. (17.8 cm)	9.4 in. (23.9 cm)
Height	8 in. (20.3 cm)	9.7 in. (24.6 cm)
Weight (approximate)	9 lbs (4.1 kg)	12 lbs (5.4 kg)
Tubing connectors	Stepped 1/4 in. hose barb	

Materials of Construction

Body and pump head	Die cast aluminum
Diaphragm	Buna-N with PTFE lining
Head gasket	Buna-N
Leaf valves	High grade stainless steel
Internal pump surfaces	PTFE-coated

Electrical Specifications

115 V~, 60 Hz, 3.5 A or 100 V~, 50/60 Hz, 4.0 A	Shaded-pole, single phase, 1/15 HP motor 3-pronged, grounded cord and plug
230 V~, 50 Hz, 1.7/1.1 A	HAR cordage, CEE 7/7 (Schuko) plug
Line voltage limits	±10% of supply voltage

Environmental Conditions

Temperature	5 °C (41 °F) to 40 °C (104 °F)
Relative Humidity, Max.	80% for temperatures up to 31 °C, decreasing to 50% at 40 °C
Altitude, Max.	2,000 meters
Pollution Degree	2, per IEC 664 (indoor usage: lab, office, etc.)
Installation Category	II, per IEC 624 (local level: appliances, portable equipment, etc.)

Product Ordering Information

Purchase products online at SigmaAldrich.com.

Catalogue Number

Chemical Duty Vacuum/Pressure Pump

115 V~, 60 Hz	WP6111560
230 V~, 50 Hz	WP6122050
100 V~, 50/60 Hz	WP6110060

Replacement Parts

Pump Maintenance Kit	WP61MNT00
Includes diaphragm, diaphragm liner, O-ring gasket, head screws, and handle screws	
Pump Rebuild Kit	WP61RBD00
Includes hold-down plate assembly, valve plate assembly, pump head, vacuum gauge, pressure gauge, head screws, and handle screws	
Millex®-FA ₅₀ filter unit, 10/pk	SLFA05010
Pressure tubing, silicone, 25 ft	XX8000025
Vacuum tubing, silicone, 4 ft	XX7100004

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