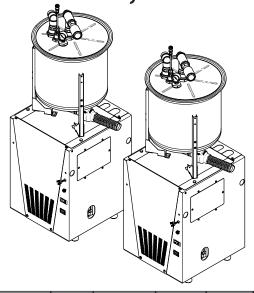


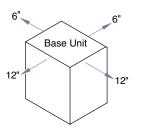
PowerVac® Pre-Installation Guide

Applies to Models:

Single Vac Units P3, P5, P7 Twin Vac Units P6, P10, P14

PowerVac® Weights, Dimensions, Electrical Specifications







Equipment Alert

Verify all sides of base unit are not obstructed. Recommended - 6" inches on left and back side. Required - 12" inches on front and right side.

Model	Max Users	Base Unit HxWxD	Separator HxWxD	Actual Weight (LBS.) Each	Total HP	Voltage	Amps	Hertz	Recommended Breaker Size (Amps)	Inlet Connection Size (IN.)	Fuses	Drain Connection Size (IN.)
P3	3-5	26 x 19.5 x 18.5 Each	34 x 22 x 22 Each	Base Unit - 355 Separator - 49	2	208-230	11.4	60	30	1 1/2"	1/8 A, 250V Type T	1 1/2"
P5	5-7	26 x 19.5 x 18.5 Each	34 x 22 x 22 Each	Base Unit - 355 Separator - 49	2	208-230	11.4	60	30	1 1/2"	1/8 A, 250V Type T	1 1/2"
P7	7-10	26 x 19.5 x 18.5 Each	34 x 22 x 22 Each	Base Unit - 355 Separator - 49	2	208-230	11.4	60	30	1 1/2"	1/8 A, 250V Type T	1 1/2"
P6	6-10	26 x 19.5 x 18.5 Each (qty 2)	34 x 22 x 22 Each (qty 2)	Base Unit - 355 Separator - 49	2	208-230	22.8	60	2 x 30	2"	1/8 A, 250V Type T	1 1/2"
P10	10-14	26 x 19.5 x 18.5 Each (qty 2)	34 x 22 x 22 Each (qty 2)	Base Unit - 355 Separator - 49	2	208-230	22.8	60	2 x 30	2"	1/8 A, 250V Type T	1 1/2"
P14	14-20	26 x 19.5 x 18.5 Each (qty 2)	34 x 22 x 22 Each (qty 2)	Base Unit - 355 Separator - 49	2	208-230	22.8	60	2 x 30	2"	1/8 A, 250V Type T	1 1/2"

PowerVac® Site Requirements

	Exhaust Line	Single Models P3, P5, P7	Twin Models P6, P10, P14				
		PVC Sch 40, CPVC Sch 80, Copper or Galvanized Steel	CPVC Sch 80, copper or Galvanized Steel				
	Size	1-1/2" for up to 15' exhaust line length 2" for greater than 15' exhaust line length	2" for all exhaust line lengths				
	Termination	1 1/2" PVC Sch 40					
Plumbing	Intake (Suction) Line	Single Models P3, P5, P7	Twin Models P6, P10, P14				
1 101111011119	Туре	PVC Sch 40 Pipe Recommended - for Main Trunk and Branch Lines					
	Line Size	Refer to: "Vacuum Plumbing Layout Recommendations", document 004-1130-00.					
	Pump Termination	1 1/2"	2"				
	Drain	Single Models P3, P5, P7	Twin Models P6, P10, P14				
	Туре	Floor Drain or 1 1/2" PVC Sch 40 P-Trap					
	Flow Capacity	Minimum 25 Gallons per Minute					
	Tank Wash Supply	3/4"" Garden Hose Fitting Provided per Tank for Non-Permanent Supply Water Connection					
	Boxes	Single Models P3, P5, P7	Twin Models P6, P10, P14				
Ela atria al	Supply	(1) 208 - 230 Volt, Single Phase, 60Hz	(2) 208 - 230 Volt, Single Phase, 60Hz				
Electrical	User Supplied Fused Disconnect Switch Box Note: Boxes) to be located within 6' of Vacuum Unit(s).	1 @ 30 AMP Required	2 @ 30 AMP Required				
Note: All PowerVac® models electrically	Supply Leads	Single Models P3, P5, P7	Twin Models P6, P10, P14				
designed to be sold in U.S.A. or Canada.	Leads (12 GA Wires)	(1) 6' Supply Conduit Provided	(2) 6' Supply Conduits Provided				
	Temperature	Single Models P3, P5, P7	Twin Models P6, P10, P14				
	Equipment Room Vent	Continuous-run 800 CFM Fan	Continuous-run 1600 CFM Fan				
Environmental	Heat Output	4500 BTU/HR	9000 BTU/HR				
	Equipment Room Ambient Temperature	40° to 104° F 4° to 40° C					
	Note: All PowerVac® models are recommended to be installed and operated in a thermostatically or otherwise stable ambient temperature environment. Forced air and HVAC input should be used in addition to an exhaust fan if normal ambient temperatures vary from specified operating temperature range.						

PowerVac® Site Requirement Layout - Elevation View See "Exhaust Installation" located in this manual for more details. (Provided by Plumber) Disconnect Box 230V 30 AMP Single Phase 60 Hz Circuit with approved ground Note required. 1 EA motor (2 in system shown) Exhaust trap to be located approximately 32" from floor. (Provided by Electrician) Exhaust Trap The black vac exhaust hose can be put into a loop. Note Twin Unit Shown, a single unit only requires one disconnect box. 32" to floor If Hard Plumbed Vent per Local Codes Disconnect boxes mounted within 3' Max of (Provided by Plumber) each other and 3' of installation center line. Tank Drain OR Operatory Trunk Line Terminate in 2" Pipe Stub for Twin unit. (Single unit - 1 1/2") Plastic PVC Sch 40 (Provided by Plumber) Drain 6" - 12" Vac Exhaust 2' MAX. 1 1/2" P-Trap With 1" Air gap or Floor Sink (Provided by Plumber) Note Ventilation required to maintain room temperature range of 40° to 104° F or 4° to 40° C with 4500 BTU/HR per vacuum heat output.