



Oil free laboratory vacuum pump  
 Power 60watt 1/8 horsepower  
 17liter/minute,120milibar,90torr,-650mmHg,85.5kPa  
 Port thread 5/16"  
 Eternal dimensions:272\*121\*165mm  
 weight 4.1kg  
 Include moisture trap and vacuum regulator  
 Overheat protector  
 Low noise

Model	VP-17/VP-17D	VP-34	VP-19	VP-58	VP-33	
Power	220-240V/50Hz / DC 12V	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	
Max power consumption (W)	60 / 35	100/80	100/80	190/180	190/180	
Max. current (A)	0.3 / 3	1.0/0.4	1.0/0.4	1.7/1	1.7/1	
Max. vacuum	670mmHg (89.3kPa) (120milibar) / 650mmHg (86.5kPa) (146milibar)	670mmHg (89.3kPa) (120milibar)	730mmHg (97.3kPa) (40milibar)	650mmHg (86.7kPa) (146milibar)	730mmHg (97.3kPa) (40milibar)	
Vacuum	0mmHg	17 l/min=0.6CFM	34 l/min=1.2CFM	19 l/min=0.67CFM	58 l/min=2.05CFM	33 l/min=1.17CFM
	100mmHg	14 l/min=0.49CFM	31 l/min=1.09CFM	18 l/min=0.64CFM	52 l/min=1.84CFM	30 l/min=1.06CFM
	200mmHg	12 l/min=0.42CFM	29 l/min=1.02CFM	16 l/min=0.57CFM	46 l/min=1.63CFM	27 l/min=0.95CFM

	<b>300mmHg</b>	9.5 l/min=0.34CFM	23 l/min=0.81CFM	14 l/min=0.49CFM	40 l/min=1.41CFM	25 l/min=0.88CFM
	<b>400mmHg</b>	7 l/min=0.25CFM	19 l/min=0.67CFM	11 l/min=0.39CFM	30 l/min=1.06CFM	20 l/min=0.71CFM
	<b>500mmHg</b>	4.5 l/min=0.16CFM	13 l/min=0.46CFM	9 l/min=0.32CFM	16 l/min=0.57CFM	14 l/min=0.49CFM
	<b>600mmHg</b>	1.5 l/min=0.05CFM	4 l/min=0.14CFM	6 l/min=0.21CFM	6 l/min=0.21CFM	12 l/min=0.42CFM
<b>Motor rotation</b>		1450 RPM / 1800 RPM	1450 RPM	1450 RPM	1450 RPM	1450 RPM
<b>Capacitor</b>		6uf/250V/ 2uf/450V	10uf/250V/ 3uf/450V	10uf/250V/ 3uf/450V	16uf/250V/ 5uf/400V	16uf/250V/ 5uf/400V
<b>Horse power</b>		1/8HP	1/6HP	1/6HP	1/4HP	1/4HP
<b>Pole</b>		4P	4P	4P	4P	4P
<b>Net wet</b>		4.1kg / 3.5	5.2kg	5.2kg	7.6kg	7.6kg
<b>Gross wet</b>		5.1kg / 4.5	6.2kg	6.2kg	8.6kg	8.6kg
<b>Port thread</b>		8mm	8mm	8mm	8mm	8mm
<b>Noise level</b>		50dB	50dB	50dB	52dB	52dB