

## Vacuum Pump

### Products Picture



VPJ0201



VPJ0332



VPJ0333



VPJ0501



VPJ0502



VPJ1001

### Application Examples

- Vacuum filtration
- Vacuum distillation
- Vacuum drying
- On rotary evaporators
- To extract and transfer gases

#### Attachments

1. Vacuum gauge (-0.1Mpa) 1 piece
2. Connecting rubber pipe ( $\Phi 7\text{mm} \times \Phi 12\text{mm} \times 800\text{mm}$ ) 1 piece

### Features

- It can be in service under the condition of no working medium (no oil) and will not produce any pollution. Moreover, there is filtering material in the air exchange bin to guarantee the air clean.
- New technologies and materials are used in production. It is easy to move and can work smoothly, which can guarantee the ideal vacuum and high rate of air flowing.
- It adopts the operation containing no friction, producing no calories and having no friction exhausts. The diaphragm is made of Nitrile Rubber, which resists the corrosion and has long operating life.
- The self-cooling air draft system is designed in the body. This system can keep the machine continuously running for 24 hours.
- The design can be regulated by pressure to meet the requirements of vacuum or controllable steady air stream within certain range.
- The axletrees are classical, which are imported abroad. They have the features of steady running, low noise and high operating efficiency

**Technique Data**

**1.VPJ0201**

(Technique Parameter)



Speed of Evacuation(l/m)	12	Working temperature of pump body	<55
Ultimate Pressure	300mbar	Noise Level(DB)	<50
Inlet(mm)	φ6	Overall Size L x W x H (mm)	195×98×156
Power of electrical engine(W)	Single phase.75	Weight(Kg)	4
Temperature of working environment(°C)	7—40	Pump Head	Nylon

**2.VPJ0332**

(Technique Parameter)



Pumping speed:(L/Min)	20	Temp of the body(°C)	<55
Ultimate Pressure	<0.075Mpa/250mbar	Noise Level(DB)	<50
Inlet(mm)	φ6 (Silencer)	Dimensions (L x B x H) (mm)	235×140×210
Power (w)	200	Weight(Kg)	7.5
Air Changing Bin	Teflon coated	Working Temp(°C)	7—40
Voltage Rating	230Vac, 50Hz	Pump Head	1
Material of Diaphragm and valve	HNBR	Remark	Negative pressure

**3.VPJ0333**

(Technique Parameter)



Pumping speed:(L/Min)	20	Temp of the body(°C)	<55
Ultimate Pressure	<0.095Mpa/50mbar	Noise Level (DB)	<50
Inlet(mm)	φ6(Silencer)	Dimensions (LxBxH) (mm)	282×130×210
Power(W)	250	Weight(Kg)	10
gas chamber	Teflon coated	Working Temp(°C)	7—40
Voltage Rating	230Vac, 50Hz	Pump Head	2
Material of Diaphragm and valve	HNBR	Remark	Negative pressure

**4. VPJ0501**

**(Technique Parameter)**



Pumping speed:(L/Min)	30	Temp of the body(°C)	<55
Ultimate Pressure Vac/Press	250mbar /30psi	Noise Level(DB)	<50
Inlet(mm)/Outlet (mm)	φ6/φ6	Dimensions(L x B x H) (mm)	215×165×270
Power (w)	200	Weight(Kg)	8
gas chamber	Teflon coated	Working Temp(°C)	7—40
Voltage Rating	230Vac, 50Hz	Pump Head	1
Material of Diaphragm and valve	HNBR	Remark	Dual purpose of positive pressure and negative pressure

**5.VPJ0502**

**(Technique Parameter)**



Pumping speed:(L/Min)	30	Temp of the body(°C)	<55
Ultimate Pressure	<0.095Mpa, 50mbar	Noise Level(DB)	<50
Inlet(mm)/Outlet (mm)	φ6/Silencer	Dimensions(L x B x H) (mm)	282×130×210
Power (w)	250	Weight(Kg)	10
Gas chamber	Teflon coated	Working Temp(°C)	7—40
Voltage Rating	230Vac, 50Hz	Pump Head	2
Material of Diaphragm and valve	HNBR	Remark	Negative pressure

**6.VPJ1001**

**(Technique Parameter)**



Pumping speed:(L/Min)	60	Temp of the body(°C)	<55
Positive pressure	>30psi	Noise Level (DB)	<50
Ultimate Pressure	250mbar		
Inlet(mm)/Outlet (mm)	φ6/φ8	Dimensions(L x B x H)(mm)	282×155×210
Power (w)	250	Weight(Kg)	9
gas chamber	Teflon coated	Working Temp(°C)	7—40
Voltage Rating	230Vac, 50Hz	Pump Head	2
Material of Diaphragm and valve	HNBR	Remark	Dual purpose of positive pressure and negative pressure