

# Filtration System

## Vacuum Pump

### Introduction

- ▶ 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 pressure can be regulated by a value to meet various vacuum needs within certain range.
- ▶ The axletrees are classical, which are imported abroad. They have the features of steady running, low noise and high operating efficiency

### Application

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

### Order Information & Technique Data



VP020			
Speed of Evacuation environment(L/Min)	12	Working Temp of pump body (°C)	<55
Dimensions (L x W x H)(mm)	245*120*160	Noise Level(DB)	<60
Weight(Kg)	4	Vacuum	250mbar
Voltage rating	220Vac, 50Hz	Inlet(mm)	Ø6
Motor power(w)	Single phase 75	Outlet(mm)	Ø6
Pump head	1	Temperature of working (°C)	7-40
Extreme pressure	≥0.075Mpa	Positive pressure	≥30Psi
Function	Vacuum&Pressure		



VP033A			
Speed of Evacuation environment(L/Min)	20	Working Temp of pump body (°C)	<55
Dimensions (L x W x H)(mm)	275*130*210	Noise Level (DB)	<60
Weight(Kg)	7	Vacuum	200mbar
Voltage rating	220Vac, 50Hz	Inlet (mm)	Ø6
Motor power(w)	160	Outlet (mm)	silencer
Pump head	1	Temperature of working (°C)	7-40
Extreme pressure	≥0.08Mpa	Function	Vacuum



VP050A			
Speed of Evacuation environment(L/Min)	30	Working Temp of pump body (°C)	<55
Dimensions (L x W x H)(mm)	230*180*265	Noise Level (DB)	<60
Weight(Kg)	7.5	Vacuum	200mbar
Voltage rating	220Vac, 50Hz	Inlet (mm)	Ø6
Motor power(w)	160	Outlet (mm)	Ø6
Pump head	1	Temperature of working (°C)	7-40
Extreme pressure	≥0.08Mpa	Diaphragm Values	NBR
Positive pressure	≥30Psi	Function	Vacuum&Pressure



VP050B			
Speed of Evacuation environment(L/Min)	30	Working Temp of pump body (°C)	<55
Dimensions (L x W x H)(mm)	350*130*220	Noise Level (DB)	<60
Weight(Kg)	10	Vacuum	50mbar
Voltage rating	220Vac, 50Hz	Inlet (mm)	Ø6
Motor power(w)	160	Outlet (mm)	Ø6
Pump head	1	Temperature of working (°C)	7-40
Extreme pressure	≥0.095Mpa	Function	Vacuum



VP100A			
Speed of Evacuation environment(L/Min)	60	Working Temp of pump body (°C)	<55
Dimensions (L x W x H)(mm)	310*200*210	Noise Level (DB)	<60
Weight(Kg)	10	Vacuum	200mbar
Voltage rating	220Vac, 50Hz	Inlet (mm)	Ø6
Motor power(w)	160	Outlet (mm)	Ø6
Pump head	2	Temperature of working (°C)	7-40
Extreme pressure	≥0.08Mpa	Diaphragm Values	NBR
Positive pressure	≥30Psi	Function	Vacuum&Pressure