



Diaphragm Vacuum Pump Anticorrosion



V-20



V-40F



V-65

Summary

V series diaphragm vacuum pump anticorrosion is a medium for the gas two-stage pump, all with the gas contact part, are PTFE (PTFE) material, corrosion resistance, wide range of applications, can completely replace the water circulation pump, Suitable for chemical, pharmaceutical, petrochemical and other industries on the treatment of corrosive gases, such as filtration, vacuum distillation, rotary evaporation, vacuum concentration, centrifugal concentration, solid phase extraction and so on.

Features

Anti-strong chemical corrosion

- Anticorrosion vacuum pump using a special diaphragm (diaphragm surface composite PTFE coating) and pump head design, including all joints and piping to ensure that the contact with the gas part of the imported PTFE material, so resistant to most of the corrosive gas; at the same time electrical switches and shells are also anti-corrosion treatment, especially for the transmission mechanism and the circuit part of the use of corrosion-resistant materials to form a confined space, and the external environment completely isolated, so that the vacuum pump is not only corrosive media, but also perfect for corrosive environment, completely solve the vacuum pump chemical corrosion problems.

No pollution, maintenance

- Diaphragm vacuum pump can be fully recovered solvent to eliminate toxic and harmful organic solvents on the environment pollution and operation and the health of nearby people, even if the mixed solvent can be highly recyclable; diaphragm pump is a dry oil-free dry pump, so that the laboratory becomes clean and quiet, the user does not need regular cleaning, changeover, change the water and other maintenance work, the diaphragm vacuum pump to do 100% maintenance-free.

Low noise, low vibration

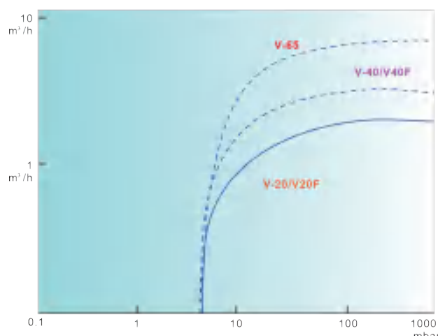
- Anticorrosion vacuum pump using electric direct drive power transmission, no intermediate transmission parts, coupled with the diaphragm low stroke, low noise characteristics, so the product noise can be maintained at 70dB below.

Overheat protection

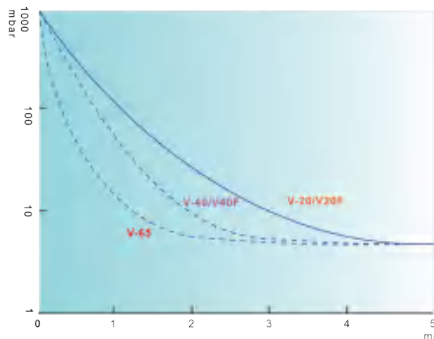
- All V series are equipped with temperature protection switch, when the body when the temperature is too high will automatically shut down, wait for the temperature after cooling and then start to ensure the stability of the system work and security.

Vacuum Performance

V Series no load



V Series with 10L vacuum oven



Technical Specifications

Application



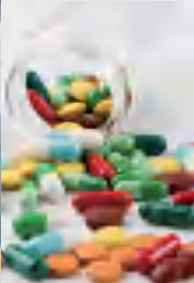
Chemistry



Criminal investigation technology



Biochemical pharmacy



Pharmacy analysis



Food analysis



Special motor



No need for Working medium



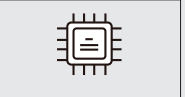
Anticorrosion



Easy operation



Auto fan



Vaccum adjustment

Specification

Model	KV-20	KV-40	KV-65	KV-135	KV-20F	KV-40F
Maximum flow	20 L/min	35L/min	65L/min	125L/min	20 L/min	35L/min
Pump head type	Two - stage pump					
Ultimate vacuum	8 mbar					
Maximum operating pressure	1 bar					
Vacuum adjustment	No				Yes, display real vaccum degree	
Interface specification	10 mm		12mm		10 mm	
Pump head material	PTFE					
Composite diaphragm material	PTFE					
Valve material	FFPM					
Working system	Continuously working					
Environmental relative humidity	< 80%RH					
Medium and ambient temperature	5 °C– 40 °C					
Speed	1450RPM					
Interior dimension WxDxH(mm)	165×315×210	170×330×210	240×290×355	380×300×200	175×315×275	180×330×275
Power consumption	120W	240W	400W	600W	120W	240W
Electrical requirement	AC 220V 50HZ					