HCS Scientific & Chemical Pte Ltd

EQUIPMENT
DIAPHRAGM PUMP

DIAPHRAGM VACUUM PUMP

Gas-Tight, 100% Oil-Free & Maintenance-Free Vacuum pumps!

100% Oil free | Maintenance free | Corrosive resistant*

Diaphragm vacuum pumps are becoming increasingly popular for small and medium size applications as an alternative to oil sealed rotary vane pumps. Diaphragm pumps can be extremely low maintenance. High quality materials are carefully selected during the design of the Corrosive Resistant pump models to provide maximum corrosion resistance without compromising its performance.

Applications & Features

- Rotary evaporation
- Filtration
- Gas transfer
- Absorption
- Impregnation
- Degassing
- Gel drying
- Distillation
- Desiccation

What's the difference?

The technical parameters of each type of diaphragm vacuum pump are the same as those of the common model. The anti-corrosion pump chamber and the inner wall of the pump have Teflon coating. The contact part with gas is made of PTFE material, which can resist strong acid, alkali and various organic solvents.

Strong PTFE Materials

Corrosion free model
Diaphragm vacuum pump

HCS Scientific & Chemical Pte Ltd
2 Venture Drive, #08-32, Vision Exchange, Singapore 608526
2 Penjuru Place #01-08, 2-8 Penjuru Tech Hub, Singapore 608783
+65 6777 7077 | +65 6777 0500 | www.hcs-lab.com

Models and specifications

Model	Speed	Pressure	Vacuum Pressure	Power
HCSVP010	11L / min	>/=30 psi	200 mbar >/=0.075 Mpa	75 w

Anti corrosion available

Model	Speed	Pressure	Vacuum Pressure	Power
HCSVP020	20L / min	-	200 mbar	160 w

Anti corrosion available

Model	Speed	Pressure	Vacuum Pressure	Power
HCSVP040	30L / min	>/=30 psi	200 mbar >/=0.08 Mpa	160 w

Anti corrosion available

Model	Speed	Pressure	Vacuum Pressure	Power
HCSVP050	30L / min	-	50 mbar	160 w

Anti corrosion available

Model	Speed	Pressure	Vacuum Pressure	Power
HCSVP060	60L / min	>/=30 psi	200 mbar >/=0.08 Mpa	160 w

Anti corrosion available