

High-power Chemical Resistant Diaphragm Pumps C900E



C series are chemical resistant diaphragm vacuum pumps which can be widely used to hard acidic, basic and solvent vapors by utilizing corrosion proof PTFE on all the wetted surfaces. Through innovative mechanical technology and human considerations, we have made Chemvak C series to be quiet, safe, maintenance-free and cost-effective vacuum pumps.

- > The construction provides the advantageous combination of high pumping speed and deep ultimate vacuum in a pump with a very small footprint. All parts in contact with pumped media are made of chemically resistant PTFE/ PTFE-coated. Well-proven PTFE sandwich diaphragms increase reliability and extend operating life.
- > This series of chemical resistant vacuum pumps are suitable for the treatment of corrosive gases in the chemical, pharmaceutical, petrochemical and other industries, such as extraction, vacuum distillation, rotational evaporation, vacuum concentration, centrifugal concentration, solid phase extraction and other uses.
- > All parts in contact with gas and condensate are made of high-quality PTFE, the gas chamber and drive chamber are separated and sealed to ensure a long life of the mechanical parts.

Features

- > Vacuum stability, easy to control, high control precision
- > Excellent chemical and vapor resistance
- > In the high vacuum degree, the performance is still very good
- > Long life, simple and convenient for maintenance
- > Simple and convenient to work in a stable and lasting way
- > Small structural size, energy conservation and environmental protection
- > High level of protection for motor, suitable for various environments

Application

- > Vacuum distillation for large volume
- > Large capacity reaction kettle
- > Large capacity vacuum filtration
- > Vacuum enrichment
- > Vacuum drying
- > Various applications in the semiconductor industry



Package 1

The pump with chemical resistant vacuum regulator (order no. 169311-06)



Package 2

The pump with VDM vacuum digital meter (order no. 169312-06)

Specifications

Model	C900E
Power supply	220V / 50Hz
Power (W)	370
Max. vacuum (mbar)	< 30
Max. Flow Rate (L/min)	95
Motor Speed (rpm)	1425
Number of Stages	Single
IP Code	IP55
Outlet (mm)	10
Size W x D x H (mm)	440*270*240
Weight (kg)	21.5
Noise Level (dB)	50
Vacuum control	Vacuum controller, such as DVR480
Order No.	169900-22

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