

Chemical Resistant Diaphragm Pump

Variable-frequency vacuum pump, fast pumping speed

Chemical resistant diaphragm pumps are ideally suited for pumping aggressive gases and vapors in a vacuum range down to 1mbar. and pumping speed up to 95L/min

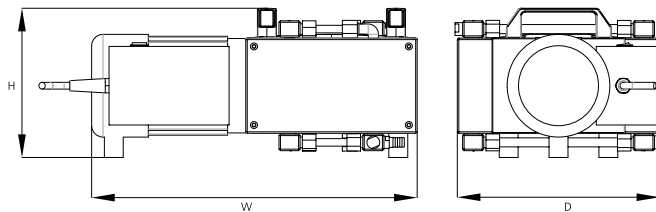
The variable-frequency pump needs to be connected with the variable-frequency controller to control the vacuum by adjusting the speed of the motor, which is especially suitable for the vacuum control of large-capacity system. It not only ensures a faster pumping speed, but also obtains a stable vacuum.

Features

- > All wetted parts are made of chemical resistant materials
- > Variable frequency motor for fast pumping speed
- > Low noise
- > Overheat protection
- > Vacuum can be controlled by manual valve, vacuum controller or variable frequency controller
- > Easy and convenient for maintenance

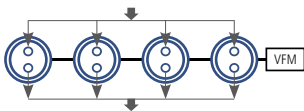


Variable-frequency vacuum pump W/O frequency controller

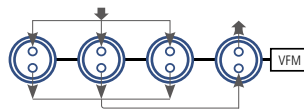


Variable-frequency vacuum pump W/ frequency controller

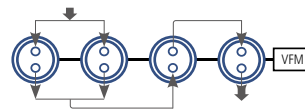
The motor drives the pump head to vacuum



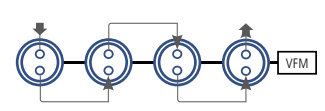
C900EF with variable frequency motor and single stage of pump head



C920ZF with variable frequency motor and double stage of pump head



C960TF with variable frequency motor and triple stage of pump head



C980VF with variable frequency motor and quadruple stage of pump head

Model / Specifications	C900EF	C920ZF	C960TF	C980VF
Order No. (W/O frequency controller)	169900B	169920B	169960B	169980B
Order No. (W/ frequency controller)	169901B	169921B	169961B	169981B
Flow rate [m ³ /h] at atm. pressure	5.7	4.5	3.6	2.4
Flow rate [L/min] at atm. pressure	95	75	60	40
Ultimate vacuum [mbar abs.]	< 30	< 8	< 2	< 1
Max. Power P [W]	370	370	370	370
Motor speed [rpm]	0~1380/0~1680 ¹⁾	0~1380/0~1680 ¹⁾	0~1380/0~1680 ¹⁾	0~1380/0~1680 ¹⁾
Pump head	Single stage	Double stage	Triple stage	Quadruple stage
Hose connections [mm]	10	10	10	10
Noise [dB]	50	50	50	50
Dimensions W x D x H [mm]	440×270×240	440×270×240	440×270×240	440×270×240
Weight [kg]	21.5	21.5	21.5	21.5
Variable frequency vacuum controller	Order separately	Order separately	Order separately	Order separately
Power supply	200 - 240V, 50/60Hz	200 - 240V, 50/60Hz	200 - 240V, 50/60Hz	200 - 240V, 50/60Hz

¹⁾ means the motor speed range of 50Hz and 60Hz models respectively