

Diaphragm Vacuum Pump

PG16/31

Effective pumping speed (50/60 Hz)

12/15L/min
PG16

24/30L/min
PG31

Ultimate pressure

6.7×10^3 Pa
PG16

26.6×10^3 Pa
PG31

Small and oil-mistress diaphragm type.

This is a diaphragm type vacuum pump that does not use oil. It provides a clean working environment without oil mist scattering.

- It is compact, lightweight, and easy to move, making it ideal for installation in equipment.
- By changing the piping method of the two pump chambers of the same shape, PG16 (series piping) provides a high vacuum, and PG31 (parallel piping) provides a large displacement, so you can choose the one that best suits your needs.
- It has a simple structure and is easy to maintain.

Specifications

Product code	242294	242295
Model	PG16	PG31
Effective pumping speed (50/60 Hz)	12/15L/min	24/30L/min
Ultimate pressure	6.7×10^3 Pa	26.6×10^3 Pa
Motor (50/60 Hz)	AC100V, 39/43W, 4P Capacitor run	
Full load current (50/60 Hz)	0.79A/0.82A	
Inlet, outlet pipe diameter	O.D. 9mm × I.D. 5mm	
Ambient temperature	7 to 40°C	
Power source	AC115V/220V Single phase with step-down transformer	
External dimensions	W146×D203×H182mm	
Weight	Approx. 3.9kg	



Diaphragm Vacuum Pump

DA Series

Effective pumping speed (50/60 Hz)

20~240 (50Hz, L/min)

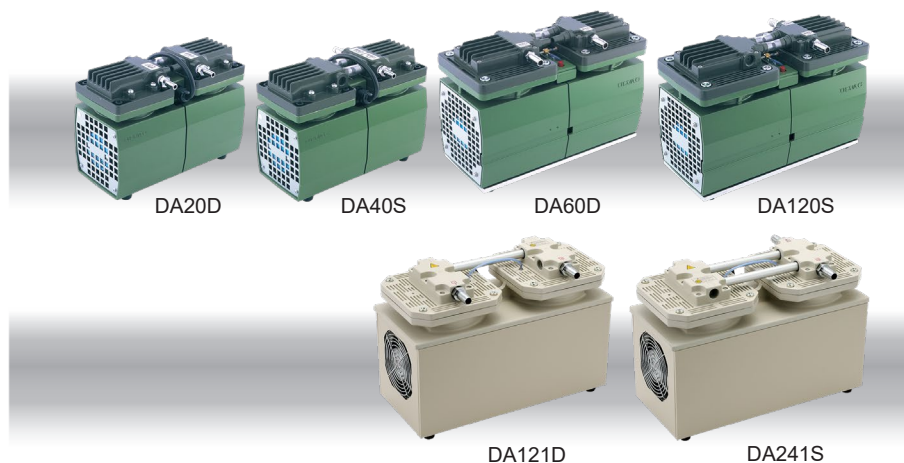
Ultimate pressure

$3.3 \times 10^3 \sim 19.9 \times 10^3$ Pa

The forced cooling fan and thermal protector can be used for a long time.

The DA series is a built-in type diaphragm type vacuum pump with large displacement and can withstand continuous operation for a long period of time.

- The simple design of the motorized built-in system allows it to be used not only for built-in use, but also on the floor.
- Equipped with a forced cooling fan and thermal protector, it can be operated continuously for a long time.
- This is a vacuum pump with low power consumption and extremely low operating noise, vibration, heat generation, etc.
- It provides a clean vacuum without oil.



Specifications

Product code	242230	242231	242232	242233	242234	142235
Model	DA20D	DA40S	DA60D	DA120S	DA121D	DA241S
Effective pumping speed (50/60 Hz)	20/24L/min	40/46L/min	60/72L/min	120/144L/min	120/145L/min	240/260L/min
Ultimate pressure	5.3×10^3 Pa	19.9×10^3 Pa	3.32×10^3 Pa	13.3×10^3 Pa	3.3×10^3 Pa	16.0×10^3 Pa
Motor	AC100V, 60W, 4P Capacitor run		AC100V, 200W, 4P Capacitor run		AC100V, 400W, 4P Capacitor run	
Full load current (50/60 Hz)	1.6A/1.6A		5.0A/5.0A		4.8A/5.8A 5.2A/6.0A	
Inlet, outlet pipe diameter	O.D. 9mm × I.D. 5mm (Rc 1/4)		O.D. 14mm × I.D. 9mm (G 3/8)		O.D. 16mm × I.D. 12mm (G 1/2)	
Ambient temperature	7 to 40°C				0 to 40°C	
Power source	AC115V/220V Single phase with step-down transformer					
External dimensions (W×D×Hmm)	118×242×178	128×242×178	156×358×238	162×358×238	193.5×411×285	207×411×285
Weight	Approx. 7.2kg		Approx. 19kg		Approx. 26kg	

The length of the power cord is about 1.5m outside the unit.