

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)

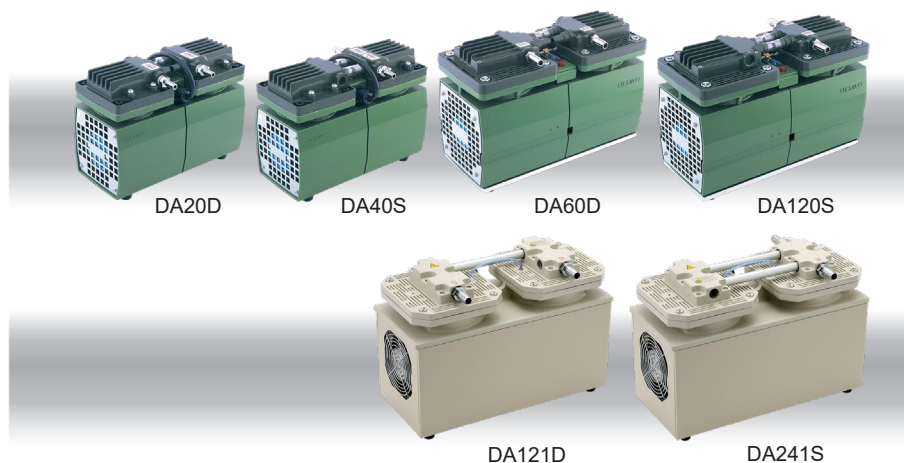
Ultimate pressure

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

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