

# Diaphragm Vacuum Pump

## PG201/302 • DTC41/60

Effective pumping speed (50/60 Hz) 20/24L/min PG201 30L/min PG302 40/46L/min DTC41 60/70L/min DTC60

Ultimate pressure 1000Pa

Chemical type diaphragm type, use PTFE parts resistant to corrosion resistance

### Effective pumping speed 20/30L/min type

#### PG201/302

- It is excellent in corrosion resistance and is suitable for sucking gas containing organic solvent.
- The ultimate pressure has reached 1,000Pa while being compact and lightweight.
- Maintenance is easy.
- PG 302 is equipped with a DC motor, the flow rate setting from 15L to 30L is possible.\*1 (special dedicated controller is required separately)
- PG 302 are multi-range compatible with AC 100V to 240V. (Power cable is required separately except for 100V)

\*1 0~5 V (Input impedance : 100 kΩ signal input is required.)



PG201

PG302

#### Specifications

Product code	255158	255160
<b>Model</b>	<b>PG201</b>	<b>PG302</b>
Effective pumping speed (50/60 Hz)	20/24L/min	30L/min
Ultimate pressure	1000Pa	
Motor	AC100V, 50W, 4P Capacitor run	AC 100 to 240V Brushless DC motor with sensor
Full load current	1.3A	1.5A (100V) Intake pressure : Atmospheric pressure, Rotating speed : 1290 min <sup>-1</sup>
Inlet, outlet pipe diameter	O.D. 10mm × I.D. 6mm (G 1/4)	
Ambient temperature	0 to 40°C	5 to 40°C
Power source	AC115V/220V Single phase with step-down transformer	AC100 to 240V Single phase
External dimensions	W142×D272×H202mm	W142×D272×H202mm
Weight	Approx. 7.1kg	Approx. 5.5kg

### Effective pumping speed 40/60L/min type

#### DTC41/60

- It is excellent in corrosion resistance and is suitable for sucking gas containing organic solvent.
- The ultimate pressure has reached 1,000Pa while being compact and lightweight.
- Maintenance is easy.




DTC41

DTC60

#### Specifications

Product code	242237	242238
<b>Model</b>	<b>DTC41</b>	<b>DTC60</b>
Effective pumping speed (50/60 Hz)	40/46L/min	60/70L/min
Ultimate pressure	1000Pa	
Motor	AC100V, 100W, 4P Capacitor run	AC100V, 200W, 4P Capacitor run
Full load current (50/60 Hz)	2.2A/2.3A	3.8A/3.9A
Inlet, outlet pipe diameter	O.D. 10mm × I.D. 6mm (G 1/4)	O.D. 14mm × I.D. 9mm (G 3/8)
Ambient temperature	0 to 40°C	
Power source	AC115V/220V Single phase with step-down transformer	AC115V/220V Single phase with step-down transformer
External dimensions	W155×D336.5×H217mm	W158×D340×H242mm
Weight	Approx. 10.3kg	Approx. 18kg

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