

Diaphragm Type Dry Vacuum Pumps

DAP Series

DAP-6D DAP-12S

Features

Diaphragm type pump creates vacuum by reciprocate movement of rubber diaphragms.
 Pump structure makes Oil-free environment and maintenance easy.
 DAP series is the smallest diaphragm pump from our product ranges and offers pumping speed at 6L and 12 L/min at 50Hz.

Applications

- Vacuum chucks, wafer and tip handling devices.
- Vacuum tweezers, medical appliances.
- Printing equipment.
- Automatic packing machines.
- Optical appliances.
- Sterilizer.



DAP-6D



DAP-12S

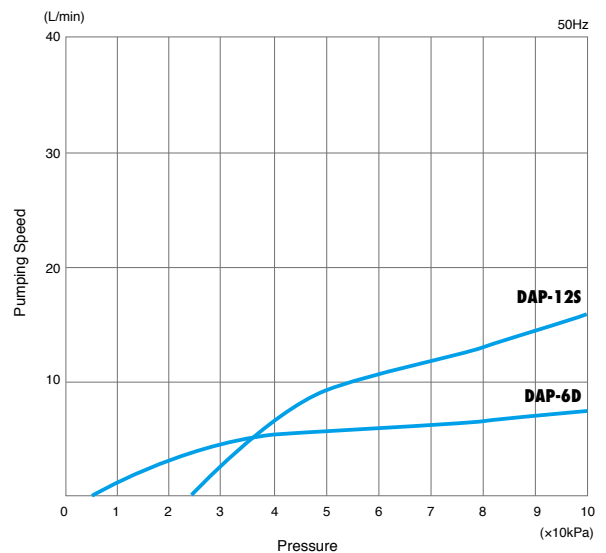
Specifications

Model	Unit	DAP-6D		DAP-12S	
		50Hz	60Hz	50Hz	60Hz
Actual pumping speed	L/min	6	7	12	14
Ultimate pressure	Pa	6.65 × 10 ³		24.0 × 10 ³	
Motor		Single phase, 100V, 10W, 4P, Capacitor run		Single phase, 100V, 10W, 4P, Capacitor run	
Full load current	A	0.5		0.5	
Weight	kg	1.9		1.9	
Inlet, outlet pipe diameter	mm	(Rc 1/8)		(Rc 1/8)	
Ambient temperature	°C	0 – 40		0 – 40	
Overall dimensions	mm	93(W) × 163(L) × 100.6(H)		93(W) × 163(L) × 100.6(H)	

Corresponding voltage and Certificate

Model	Voltage	Applicable Volt	CE Marked	TUV Marked	cTUVus Marked
DAP-6D	Single phase, 100V	Standard	—	—	—
	Single phase, 115V	—	—	—	—
	Single phase, 200V	●	—	—	—
	Single phase, 220—230V	●	—	—	—
DAP-12S	Single phase, 100V	Standard	—	—	—
	Single phase, 115V	—	—	—	—
	Single phase, 200V	●	—	—	—
	Single phase, 220—230V	●	—	—	—

Pumping speed curves



* Further details can be referred to our website. Outside drawing appears in Page 30.