

New Diaphragm Transfer Pumps

These rugged, portable diaphragm pumps are ideal for water and chemical fluid transfer. The pumps are self-priming and can run dry. The quad-diaphragm design eliminates the need for a rotating shaft seal that wears out. The pumps can run dry without damage. In-line filters are recommended for fluids with particle sizes greater than 1 mm.

Select from several models with different voltage options. Vary the flow rate for Vdc models by varying the input voltage. Couple with one of our solar-power systems for remote pumping. Continuous-duty with thermal cutoffs. 6-ft (1.8m) power cord. US std plug on 115Vac pumps. Stripped leads on all other pumps.

SPECIAL FEATURES

*Self-priming, runs dry
All plastic wetted parts
Compact design, 3 motor options
Powerful, permanent magnet motor*

APPLICATIONS

*Bulk fluid transfer
Tank filling
Bilge and sump water
Solar-powered pumps*

PD200 ORDERING INFORMATION

PART NO.	WETTED PARTS	MOTOR	POWER
3.5 GPM Flowrate			
PD200.001	PP/Santo/EPDM	TEFC	115Vac, 1.5A
PD200.002	PP/Santo/EPDM	TEFC	230Vac, 0.75A
PD200.011	PP/Santo/Viton	PM	12Vdc, 12A
PD200.012	PP/Santo/Viton	PM	24Vdc, 6A
5 GPM Flowrate			
PD200.003	PP/Santo/Viton	TEFC	115Vac, 1.5A
PD200.004	PP/Santo/Viton	TEFC	230Vac, 0.75A
PD200.013	PP/Santo/Viton	PM	12Vdc, 12A
PD200.014	PP/Santo/Viton	PM	24Vdc, 6A

ACCESSORIES

PD200.900 Filter Assembly, 20-30mesh

All-Plastic Wetted Parts!!



PD200 Diaphragm Pump

SPECIFICATIONS

Max Flow rate: 3.5 or 5 GPM (see ordering info)
(11.5 or 19 LPM)
Max. Suction: 8 ft. (2.4 m) H₂O dry
Max. Pressure: 40 psig (2.8 bar)(3.5 cont/5 intermittent)
25 psig (1.7 bar)(5 gpm continuous)
Port Size (OD): ½" (3.5 gpm); ¾" hb (5 gpm)
Wetted Parts:
Head/Gears: Polypropylene
Diaphragm: Santoprene
Valves: EPDM or Viton®
Power Req: 115Vac/60Hz, 230/50Hz, 12 or 24Vdc
Current (full load): See ordering info.
Max Operating Temp.: 54°C (130°F)
Ambient Fluid Temp.: -10 to 54°C (-14 to 130°F)
Recom. Filtration: 20 to 30 mesh
Run dry: Yes
Max. Viscosity: 250 cps
Dimensions: 254 x 153 x 95 mm
(L xWxH) (10 x 6 x 3.75 in)
Shpg Weight: 2 kg (4 lb.)

For more information contact:

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