

# Ran® 1/4" (6.35 mm)

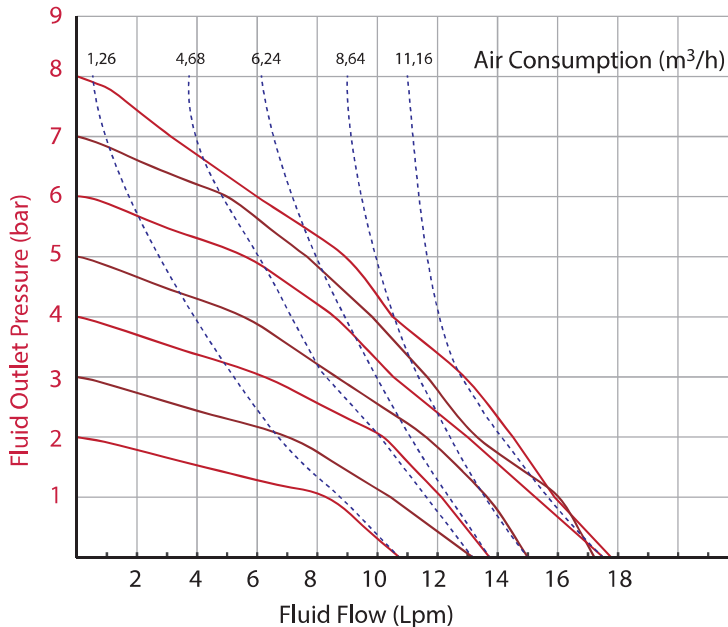
## PVDF Body Diaphragm Pump



### Technical Specifications

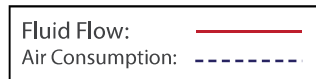
Pump Code	A8-PVX-1	Pump Housing Material	PVDF
Max. Flow Rate	18 lpm	Center Section Material	PVDF
Max. Pump Speed	250 cpm	Max. Size Pumpable Solids	1 mm
Displacement per cycle	0.072 liter	Max. Suction Lift	2.5 m
Fluid Inlet- Outlet Size	1/4"	Max. Operating Temperature	80 °C
Air Inlet Size	1/8"	Sound Level	70 dBa (at 5 bar)
Max. Fluid Working Pressure	8 bar	Diaphragm Options	Santoprene - PTFE
Max. Air Consumption	0.24 m <sup>3</sup> /min	Weight	1.2 kg

### Performance Curves



**Test Conditions:** All tests are made with using water and Santoprene diaphragm. Suction hose submerged in the fluid. Muffler not used. If using PTFE diaphragm, capacity decreases by 10%. All the values are shown are approximate and not binding.

**Example:** To pump 10 lpm against a discharge pressure of 2 bar, requires 4 bar and 4,68 m<sup>3</sup>/h air consumption.



### Dimensions

A	152
B	104
C	225
D	104.5
E	120
F	70
G	7

All dimensions are in mm.

