



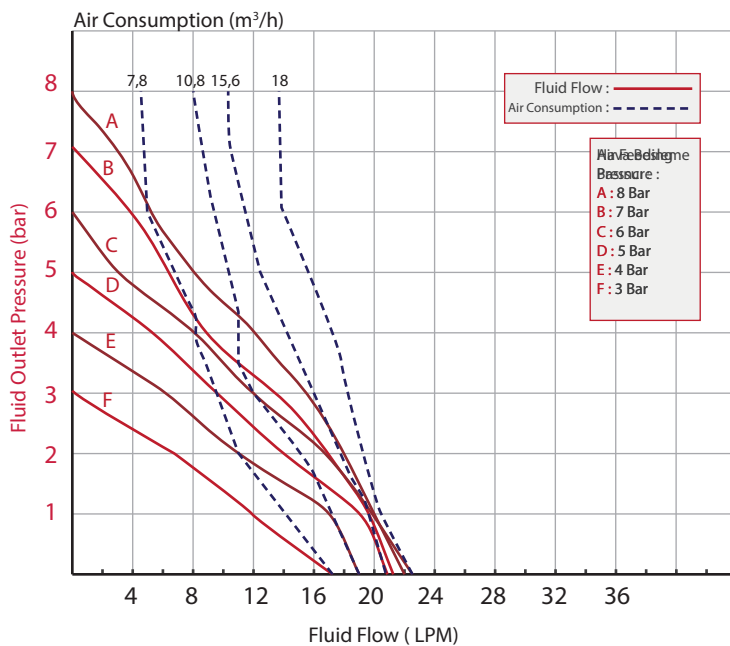
## Ran<sup>®</sup> 3/8" (9.52 mm) PVDF Body Diaphragm Pump

### Technical Specifications

Pump Code	K10-PV1
Max. Flow Rate	22 lpm
Max. Pump Speed	250 cpm
Displacement per cycle	0.09 liter
Fluid Inlet- Outlet Size	3/8" NPT
Air Inlet Size	1/4"
Max. Fluid Working Pressure	8 bar
Max. Air Consumption (at 5 bar)	15.6 m <sup>3</sup> /h
Ratio	1:1

Pump Housing Material	PVDF
Center Section Material	Polypropylene
Max. Size Pumpable Solids	1.5 mm
Max. Suction Lift	9.5 m (Wet) 3 m (Dry)
Max. Operating Temperature	104°C
Sound Level	61 dBA (at 5 bar)
Diaphragm Material	PTFE
Check-Valve Material	PTFE
Weight	2.6 kg

### Performance Curves



**Made in Turkey**

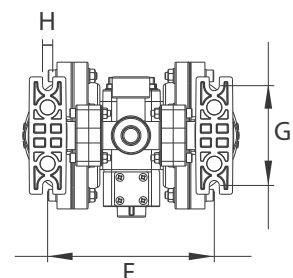
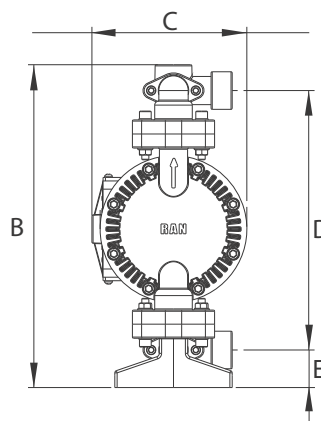
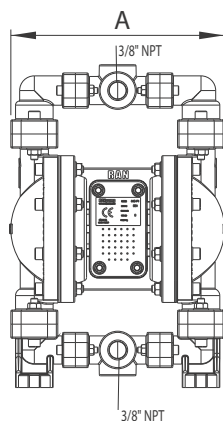


**Test Conditions:** All tests are made with water. Suction hose submerged in the fluid. Muffler not used. All the values are shown are approximate and not binding.

**Example:** To pump 12 lpm against a discharge pressure of 3 bar, requires 6 bar and 10.8 m<sup>3</sup>/h air consumption.

### Dimensions

A	182
B	275
C	132
D	220
E	32
F	142
G	85
H	8.5



All dimensions are in mm.