

### Cast Iron Body Diaphragm Pump

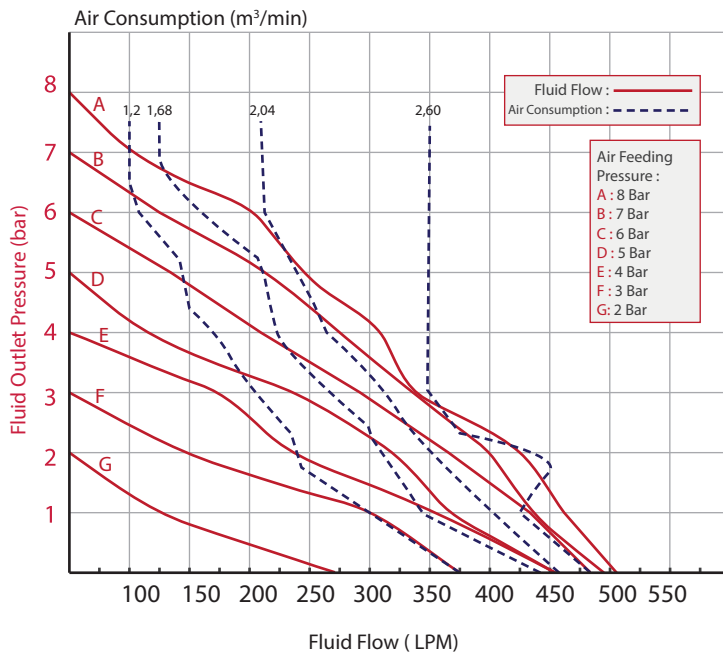


### Technical Specifications

Pump Code	F50M-C1-1
Max. Flow Rate	505 lpm
Max. Pump Speed	145 cpm
Displacement per cycle	3.48 liter
Fluid Inlet- Outlet Size	2" NPT
Air Inlet Size	1/2"
Max. Fluid Working Pressure	8 bar
Max. Air Consumption (at 5 bar)	2.04 m <sup>3</sup> /min
Ratio	1:1

Pump Housing Material	Cast Iron
Center Section Material	Aluminium
Max. Size Pumpable Solids	6.2 mm
Max. Suction Lift	9.5 m (Wet) 6 m (Dry)
Max. Operating Temperature	104 °C
Sound Level	82 dBa (at 5 bar)
Diaphragm Material	PTFE
Check-Valve Material	PTFE
Weight	65.5 kg

### Performance Curves



40% less air consumption thanks to **ECO+** series...



**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 245 lpm against a discharge pressure of 2 bar, requires 4 bar and 1,2 m<sup>3</sup>/min air consumption.

### Dimensions

A	507
B	407
C	322
D	622
E	375
F	192
G	12

All dimensions are in mm.

