

### Aluminium Body Diaphragm Pump

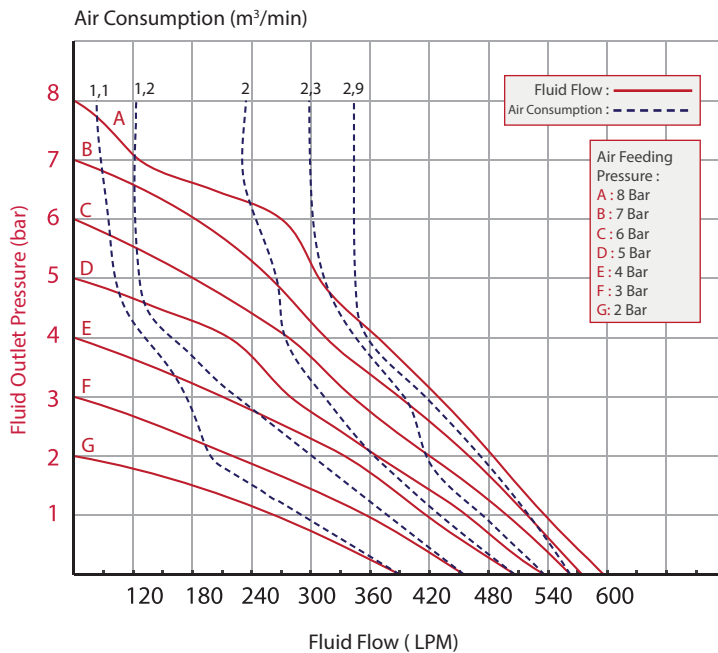


### Technical Specifications

|                                 |                         |
|---------------------------------|-------------------------|
| Pump Code                       | F50M-AS-1               |
| Max. Flow Rate                  | 596 lpm                 |
| Max. Pump Speed                 | 145 cpm                 |
| Displacement per cycle          | 4.11 liter              |
| Fluid Inlet- Outlet Size        | 2" NPT                  |
| Air Inlet Size                  | 1/2"                    |
| Max. Fluid Working Pressure     | 8 bar                   |
| Max. Air Consumption (at 5 bar) | 2.3 m <sup>3</sup> /min |
| Ratio                           | 1:1                     |

|                            |                       |
|----------------------------|-----------------------|
| Pump Housing Material      | Aluminium             |
| Center Section Material    | Aluminium             |
| Max. Size Pumpable Solids  | 6.2 mm                |
| Max. Suction Lift          | 9.5 m (Wet) 6 m (Dry) |
| Max. Operating Temperature | 100 °C                |
| Sound Level                | 82 dBa (at 5 bar)     |
| Diaphragm Material         | TPE                   |
| Check-Valve Material       | TPE                   |
| Weight                     | 34.5 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 392 lpm against a discharge pressure of 3 bar, requires 7 bar and 2,3 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.

