



MOTOR DRIVEN



DUPLEX II SERIES PUMPS | FOR INTERNATIONAL & US MARKETS

The Duplex II series of pumps incorporate the best technology and features developed by ITT Flojet. Everything from the back flow preventer, check valves, bearings and diaphragm assembly to the motor, have been designed to make this truly the most advanced and reliable diaphragm pump available. Higher efficiency of the pump is evident in the longer life of the motor pump unit. The new diaphragm design combined with the new valves, makes the pump capable of pulling higher dry vacuum. Duplex II is available in various performance ranges, voltages and with a choice of elastomers, making it easily adaptable to a diverse range of applications.



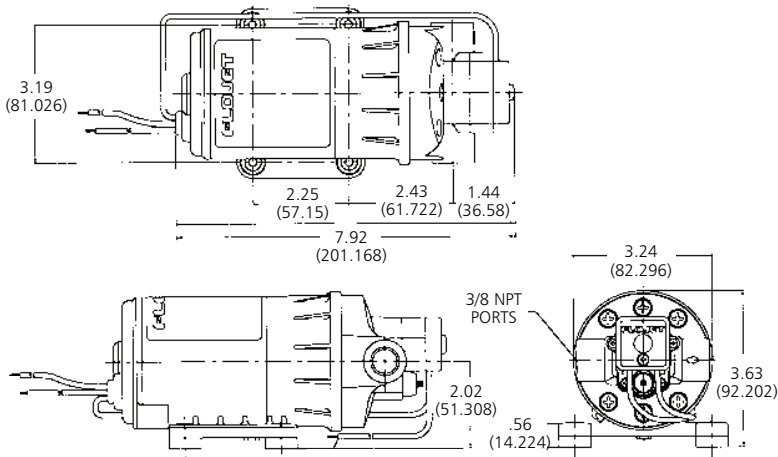
FEATURES

- Self-priming up to 8 feet (2.4 m)
- Can run dry without damage
- Chemically resistant materials
- Internal bypass standard
- Built-in back flow preventer
- Heavy duty ball bearing drive system
- UL, CSA and CE models available

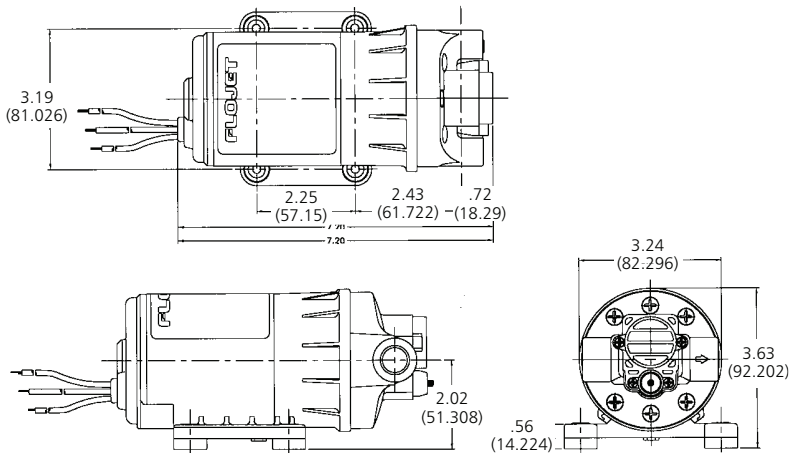
DIMENSIONAL DRAWING

UNLESS OTHERWISE STATED DIMENSIONS IN [] ARE IN MM.

Demand Pump



Bypass Pump



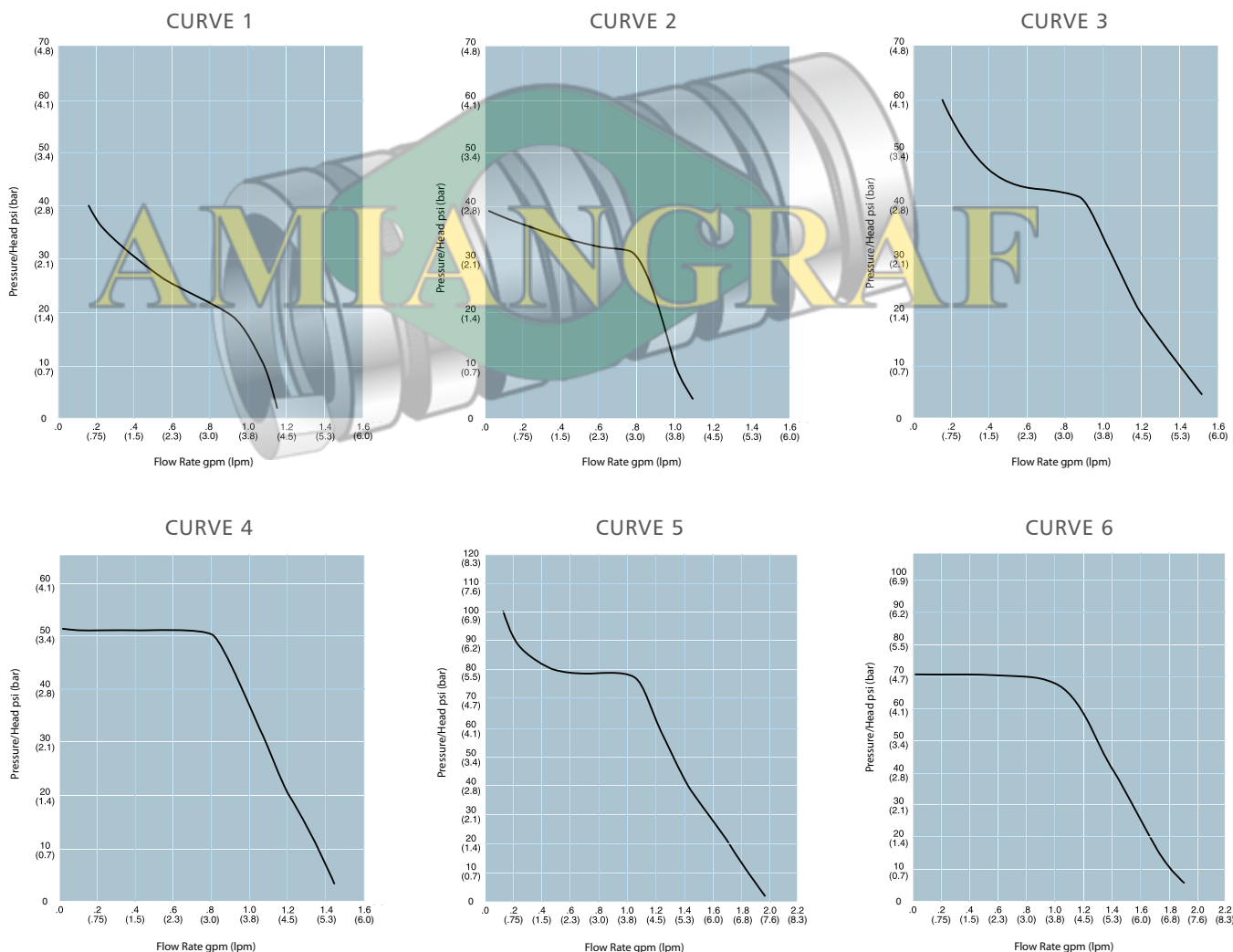
SPECIFICATIONS

Pump	Positive Displacement two piston design
Flow Rate	2.2 GPM (8.32 L/min) for high pressure models, 1.6 GPM (6.05 L/min) for medium and low pressure models
Pressures	Up to 100 PSI (6.89 bar)
Ports	3/8" NPT female
Motor	Permanent Magnet with solid state rectifier
Voltages	12 & 24 V DC, 115 & 230 V AC
Cycle	50/60 hertz for AC models
Dry Vacuum	Up to 8 feet (2.4 M)
Pressure Switch Setting	15, 30, 45, 60, 80, and 100 PSI
Wetted Parts	Polypropylene, Viton®, Buna or EPDM
Net Weight	4 to 5 lbs. (2.28 kgs)
Maximum Operating Pressure	100 PSI (6.8 bar)

Hi-Pressure INST. SHEET # 81000-339
Low-Pressure INST. SHEET # 81000-338

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PERFORMANCE



* See following pages for specification charts