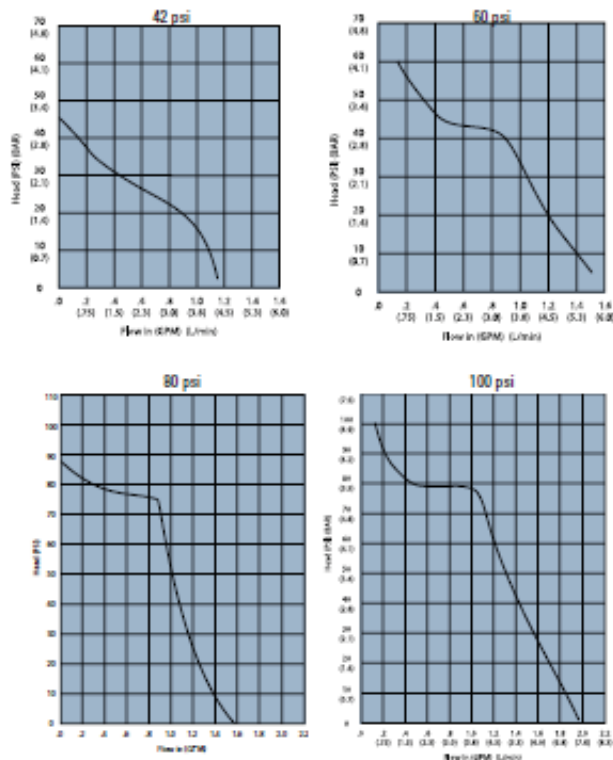


Duplex II Series

The Duplex II series of pumps incorporate the best technology and features developed by 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.

SPECIAL FEATURES

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



STANDARD MODEL NUMBERS

Model Number	Description
D4821H4011	115V AC, 45 psi max.
D4822H4011	230V AC, 45 psi max.
D4831H5011	115V AC, 60 psi max.
D4832H5011	230V AC, 60 psi max.
D4834H6011	115V AC, 80 psi max.
D4835H6011	230V AC, 80 psi max.
D4834H7011	115V AC, 100 psi max.
D4835H7011	230V AC, 100 psi max.

SPECIFICATIONS

Pump:	Positive Displacement two piston design, demand pump
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 (6.9 bar)
Ports:	3/8" NPT female
Motor:	Permanent Magnet with solid state rectifier
Voltages:	115 & 230 V AC
Cycles:	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 (1, 2, 3.1, 4.1, 5.5, 6.9 bar)
Wetted Parts:	Polypropylene, Santoprene
Net Weight:	4 to 5 lbs. (2.28 kgs)
Maximum Operating Pressure:	100 PSI (6.09 bar)
Approvals:	NSF Standard 18, UL listed, CE
Note: 30 PSI Maximum Inlet Pressure	
Note: If inlet exceeds 30 PSI, pump requires 30 PSI water pressure regulator.	
See page 11.	

The above graphics and specifications were copied from the 2009 Flojet Product Catalog and is unedited. As a distributor for Flojet, we are providing the product details as provided by the manufacturer.