

Duplex II Series Pumps (2 Piston)



The Duplex II pump incorporates many new design innovations: half-spherical check valves for improved priming and efficiency, an external bypass system that is located outside of the pumping chamber, and the demand models feature a sealed pressure switch and back flow preventer to reduce pulsations.

Unique bypass system provides near-constant pressure to drive a wide range of nozzles for all your lawn, garden and agricultural spraying needs.

SPECIFICATIONS

Pump Design	2 Chamber Diaphragm
Open Flow	2.0 gpm (7.6 lpm) max.
Voltage	12V DC and 115V AC
Body Material	Polypropylene
Diaphragm Material	Santoprene, EPDM, Viton
Check Valve Material	Viton
Port Size	3/8" NPT(F)

Motor permanent magnet, totally enclosed non-vented

Maximum Pressure	90 psi (6 bar)
Duty Cycle	Intermittent
Suction Lift	Up to 8ft. (2.4m) vertical height
Liquid Temp	130°F (54°C) maximum

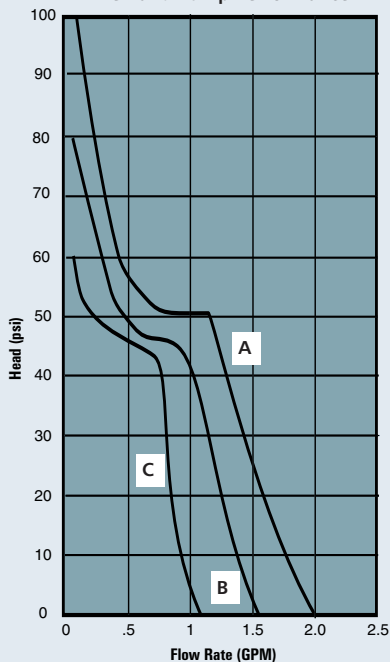
Size	100 & 80 psi demand pump
	7.6" x 3.24" x 3.63" (193 x 82 x 92 mm)
	70 psi bypass pump
	7.6" x 3.24" x 3.63" (193 x 82 x 92 mm)
Ship Wt.	60 psi demand pump
	8.0" x 3.31" x 3.26" (203 x 84 x 83 mm)
	4.5 lb. (2.0 kg) typical

Electric Diaphragm Pumps

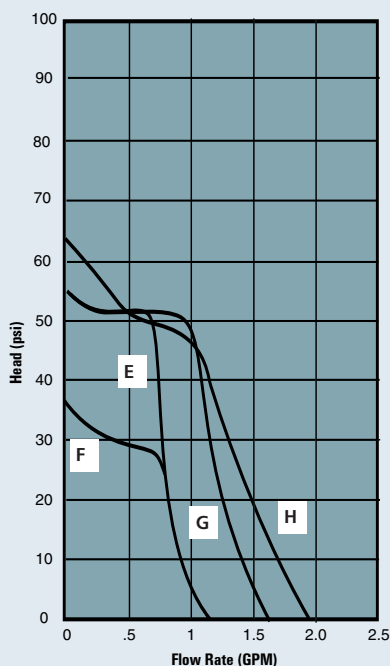


FLOJET®

Demand Pump Performance



Bypass Pump Performance



PUMP SPECIFICATIONS

Model	Supply Voltage	Diaphragm Material	Check Valve	Cam Angle	Demand Switch	Bypass Pressure	Motor Speed	Motor Length
D2135J7011	12V DC	EPDM	Viton	high	100 psi	--	high	med
D2125F6011	12V DC	Santo	Viton	med	80 psi	--	high	med
D2125F5011	12V DC	Santo	Viton	med	60 psi	--	high	med
D2135F5011	12V DC	Santo	Viton	high	60 psi	--	high	med
D2124F5011	12V DC	Santo	Viton	med	60 psi	--	high	short
D2121F5011	12V DC	Santo	Viton	med	60 psi	--	low	short
D2132F1311	12V DC	Santo	Viton	high	--	50 psi	low	med
D2135F1311	12V DC	Santo	Viton	high	--	50 psi	high	med
D2121F1311	12V DC	Santo	Viton	med	--	50 psi	low	short
D2121F1211	12V DC	Santo	Viton	med	--	30 psi	low	med
D3835V5011	115V AC	Viton	Viton	high	60 psi	--	high	med
D3835V1311	115V AC	Viton	Viton	high	--	50 psi	high	med
D21X005	12V DC	Santo	Viton	high	60 psi	--	high	short
D21X007	12V DC	Santo	Viton	high	--	50 psi	high	short

PUMP FEATURES

Model	Open Flow gpm	Flow Curve	Manual On/Off	Inline Fuse	Power Connection
D2135J7011	2.0	A	--	--	wires
D2125F6011	1.4	B	--	--	wires
D2125F5011	1.4	B	--	--	wires
D2135F5011	2.0	A	--	--	wires
D2124F5011	1.5	B	--	--	wires
D2121F5011	1.1	C	--	--	wires
D2132F1311	1.5	G	--	--	wires
D2135F1311	2.0	H	--	--	wires
D2121F1311	1.2	E	--	--	wires
D2121F1211	1.2	F	--	--	wires
D3835V5011	2.0	A	--	--	6' cord
D3835V1311	2.0	H	--	--	6' cord
D21X005	1.5	B	yes	--	2 pin plug
D21X007	2.0	H	--	--	2 pin plug