

SHURFLO® 8000, 8090 AND 8020 SERIES DIAPHRAGM PUMPS

SHURFLO PUMPS

Bypass and Automatic-Demand Pumps 115 VAC and 230 VAC



These Shurflo 8000, 8090 and 8020 Series bypass and demand pumps provide the same reliability as the 12 VDC version, except in a 115 VAC or 230 VAC capacity. They are ideal in agricultural applications that require high pressure with flow rates up to 1.6 GPM [6.1 L/min] and low amp draw. They can be mounted in any position, are compact, and are designed for easy maintenance.

- ◆ Self-priming up to 8 vertical feet [2.4m]
- ◆ Built-in check valve
- ◆ Chemical-resistant materials
- ◆ Corded pump optional
- ◆ Can run dry without damage

BYPASS 115 VAC : ORDERING INFORMATION

Part Number	Max GPM	Max LPM	Max PSI	Max BAR	Port Size	Max Draw	Description
8000-533-250	1.4	5.3	50	3.4	3/8" NPT-Female	0.54	Bypass Pump: Viton® valves, Santoprene® diaphragm, 45 PSI (3.1 bar) Internal Bypass
8020-503-250	1.5	5.7	40	2.8	3/8" NPT-Female	0.56	Bypass Pump with 6' Power Cord: Viton® valves, Santoprene® diaphragm, 45 PSI (3.1 bar) Internal Bypass

BYPASS 115 VAC

Model	PSI	BAR	GPM	L/min	Amps
8000-533-250	10	0.7	1.36	5.1	0.34
	30	2.1	1.05	4.0	0.46
	40	2.8	0.65	2.5	0.51
	50	3.4	0.19	0.7	0.54
8020-503-250	10	0.7	1.40	5.3	0.37
	20	1.4	1.30	4.9	0.44
	30	2.1	1.10	4.2	0.50
	40	2.8	0.80	3.0	0.56

DEMAND 115 VAC: ORDERING INFORMATION

Part Numbers	Max GPM	Max LPM	Max PSI	Max BAR	Port Size	Max Draw	Description
8000-533-236	1.4	5.3	60	4.1	3/8" NPT-Female	0.64	Standard Demand Pump: Viton® valves, Santoprene® diaphragm, 60 PSI (4.1 bar) demand switch
8020-513-236	1.5	5.7	60	4.1	3/8" NPT-Female	0.57	Standard Demand Pump: Viton® valves, Santoprene® diaphragm, 60 PSI (4.1 bar) demand switch with 6 ft (1.8 m) power cord
8020-833-238	1.6	6.1	100	6.9	3/8" NPT-Female	0.95	High Pressure Pump with 6 ft. Power Cord: Viton® valves, Santoprene® diaphragm, 100 PSI (6.9 bar) demand switch
8030-863-239	1.5	5.7	150	9.7	3/8" NPT-Female	1	High Pressure Pump: Viton® valves, Santoprene® diaphragm, 150 PSI (10.3 bar) demand switch

DEMAND 115 VAC

Model	PSI	BAR	GPM	L/min	Amps
8000-533-236	20	1.4	1.15	4.3	0.46
	40	2.8	0.97	3.7	0.55
	50	3.4	0.91	3.4	0.60
	60	4.1	0.85	3.2	0.64
8020-513-236	20	1.4	1.15	4.8	0.40
	40	2.8	0.96	4.1	0.49
	50	3.4	0.90	3.6	0.54
	60	4.1	0.84	3.5	0.57
8020-833-238	20	1.4	1.32	5.0	0.45
	40	2.8	1.14	4.3	0.58
	60	4.1	1.07	4.0	0.70
	100	6.9	0.91	3.4	0.95
8030-863-239	20	1.4	1.24	4.7	0.45
	60	4.1	1.04	3.9	0.66
	120	8.3	0.77	2.9	0.92
	150	9.7	0.63	2.4	1.00

BYPASS 230 VAC: ORDERING INFORMATION

Part Numbers	Max GPM	Max LPM	Max PSI	Max Bar	Port Size	Max Draw	Description
8090-802-289	1.2	4.5	80	5.5	3/8" NPT Female	0.56	Bypass Pump: Viton® valves, Santoprene® diaphragm, 80 PSI (5.5 bar) Internal Bypass
8095-902-260	1.5	5.7	100	6.9	3/8" NPT Female	0.56	Bypass Pump: EPDM valves, Santoprene® diaphragm, 100 PSI (6.9 bar) Internal Bypass

DEMAND & DEMAND/BYPASS 230 VAC: ORDERING INFORMATION

Part Numbers	Max GPM	Max LPM	Max PSI	Max BAR	Port Size	Max Draw	Description
8090-212-246	1.2	4.5	60	4.1	3/8" NPT Female	0.34	Standard Demand Pump: EPDM valves, Santoprene® diaphragm, 80 PSI (4.1 bar) demand switch
8090-801-278	1.3	4.9	100	6.9	3/8" NPT Female	0.56	Demand/Bypass Pump: Viton® valves, Santoprene® diaphragm, *0 PSI (5.5 bar) Internal Bypass, 100 PSI (6.9 bar) demand switch
8090-902-278	1.4	5.3	100	5.5	3/8" NPT Female	0.56	Demand/Bypass Pump: EPDM valves, Santoprene® diaphragm, 80 PSI (5.5 bar) Internal Bypass, 100 PSI (6.9 bar) demand switch