

# 8000 Series Diaphragm Pumps

Automatic-Demand Pumps 12 VDC



- Self-priming up to 8 vertical feet [2.4m]
- Chemical-resistant materials
- Designed for heavy-duty spraying and fluid transfer applications
- Can run dry without damage
- Built-in check valve

The 8000 Series diaphragm pump is SHURflo's most widely used agriculture pump. Viton valve material assures maximum chemical resistance. The unique conical valve design delivers high flow rates at maximum discharge pressures, making the 8000 Series the pump of choice for sprayers used on the farm or around the yard. These 12 VDC pumps deliver up to 1.8 GPM [6.8 L/min] providing maximum performance in a wide range of applications.

## Order Information

Part #	Description	Max GPM	Max PSI	Port Size	Max Draw
8000-343-236	<b>All Viton Pump:</b> Viton valves, Viton diaphragm, 60 PSI demand switch	1.2	60	3/8" NPT-Female	5.8
8000-541-236*	<b>Lawn and Garden Pump:</b> Viton valves, Santoprene diaphragm, 60 PSI demand switch	1.0	60	3/8" NPT-Female	3.8
8000-542-136	<b>Low Flow Standard Pump:</b> Viton valves, Santoprene diaphragm, 60 PSI demand switch	1.2	60	1/2" MSPT-Male	6.0
8000-543-136	<b>Standard Pump:</b> Viton valves, Santoprene diaphragm, 60 PSI demand switch	1.8	60	1/2" MSPT-Male	7.3
8000-543-236*	<b>Standard Pump:</b> Viton valves, Santoprene diaphragm, 60 PSI demand switch	1.8	50	3/8" NPT-Female	6.4
8000-543-238	<b>High Pressure Pump:</b> Viton valves, Santoprene diaphragm, 100 PSI demand switch	1.8	100	3/8" NPT-Female	8.7
8000-543-138	<b>High Pressure Pump:</b> Viton valves, Santoprene diaphragm, 100 PSI demand switch	1.8	100	1/2" MSPT-Male	8.7
8000-543-936*	<b>Standard Pump w/Wire Harness:</b> Viton valves, Santoprene diaphragm, prewired with two wire molded connectors, 60 PSI demand switch	1.8	50	3/8" NPT-Female	6.4
8000-643-236	<b>Transfer Pump:</b> Buna valves, Geolast® diaphragm, 60 PSI demand switch	1.8	60	3/8" NPT-Female	6.8
8030-813-239	<b>High Pressure Pump:</b> Viton valves, Santoprene diaphragm, 150 PSI demand switch	1.6	150	3/8" NPT-Female	12.0

Model	PSI	BAR	GPM	L/min	Amps
8000-343-236	20	1.4	0.93	3.5	3.9
	40	2.8	0.84	3.2	4.9
	50	3.4	0.80	3.0	5.3
	60	4.1	0.76	2.9	5.8
8000-541-236	20	1.4	0.79	3.0	2.3
	30	2.1	0.75	2.8	2.8
	40	2.8	0.70	2.6	3.2
	60	4.1	0.62	2.3	3.8
8000-542-136	20	1.4	1.11	4.2	4.1
	40	2.8	0.98	3.7	5.1
	50	3.4	0.93	3.5	5.6
	60	4.1	0.90	3.4	6.0
8000-543-136	20	1.4	1.26	4.7	5.0
	40	2.8	1.14	4.3	6.2
	50	3.4	1.08	4.1	6.8
	60	4.1	1.02	3.9	7.3
8000-543-236	30	1.4	1.47	5.5	5.7
	40	2.8	1.41	5.3	5.8
	50	3.4	1.36	5.1	6.4
8000-543-238	20	1.4	1.45	5.5	4.2
	40	2.8	1.31	5.0	5.5
	60	4.1	1.22	4.6	6.5
	100	6.9	0.96	3.6	8.7
8000-543-138	20	1.4	1.45	5.5	4.2
	40	2.8	1.31	5.0	5.5
	60	4.1	1.22	4.6	6.5
	100	6.9	0.96	3.6	8.7
8000-543-936	30	1.4	1.47	5.5	5.7
	40	2.8	1.41	5.3	5.8
	50	3.4	1.36	5.1	6.4
8000-643-236	20	1.4	1.44	5.4	4.1
	40	2.8	1.33	5.0	5.4
	50	3.4	1.27	4.8	6.1
	60	4.1	1.22	4.6	6.8
8030-813-239	20	1.4	1.55	5.9	5.5
	30	2.1	1.49	5.6	6.2
	40	2.8	1.43	5.4	6.8
	80	5.4	1.20	4.5	9.1
	100	6.9	1.10	4.2	10.1
150	9.5	0.83	3.1	12.0	

\* Packaged in quantities of 6. For single packs, replace "8000-" with "8009-".