BA PUMPS & SPRAYERS

8000 Series Diaphragm Pump

Automatic-Demand Pump 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
- Bypass option available for smooth flow (8000-547-189)

The **8000 Series** diaphragm pump is the most widely used **SHURFLO**® 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.

Automatic- Demand					
Model	**Description**	**Max GPM**	**Max PSI**	**Port Size**	**Max Draw**
8000-543-136	**Standard Pump:** Viton valves, Santoprene diaphragm, 60 PSI demand switch	1.8	60	1/2" NPSM Male*	7.3

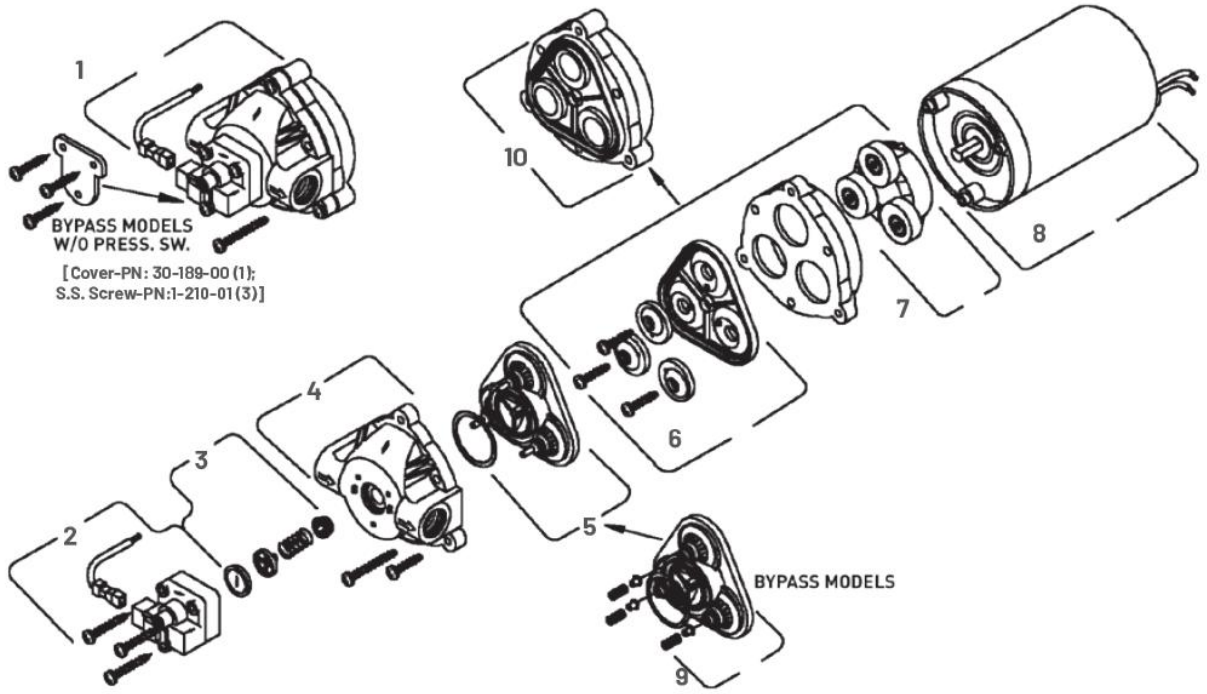
Automatic-Demand / Bypass					
Model	**Description**	**Max GPM**	**Max PSI**	**Port Size**	**Max Draw**
8000-547-189 smooth flow	**Bypass Pump:** Viton valves, Santoprene diaphragm, Internal bypass	1.8	107	1/2" NPSM Male*	7.3

*1/2" - 14 American National Standard Straight Pipe Thread

Model	PSI	BAR	GPM	L/min	Amps
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

Model	PSI	BAR	GPM	L/min	Amps
8000-547-189	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 Series Parts Kit List



Model	1	2	3	4	5/9	6	7/10	8
	Complete Pumphead Assembly	Switch Assembly	Check Valve Assembly	Upper Housing	Bypass/ Non-Bypass Valve Assembly	Diaphragm Assembly	Drive Assembly	Motor
8000-543-136	N/A	94-375-06	94-374-08	94-378-00	94-390-05	N/A	94-385-32	N/A
8000-547-189	N/A	94-229-08	94-374-08	94-378-00	94-391-46	N/A	94-385-32	N/A