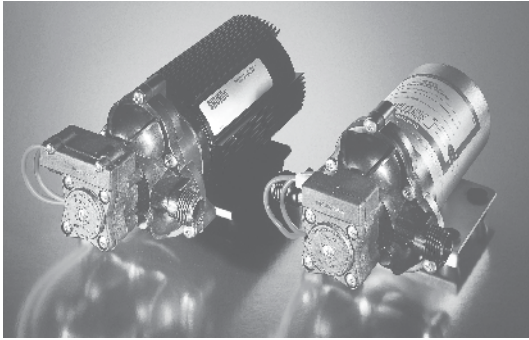


2088 Series Diaphragm Pump – AUTOMATIC DEMAND PUMPS 12 VDC



Premium Pump
w/cooling fins

Standard

Features

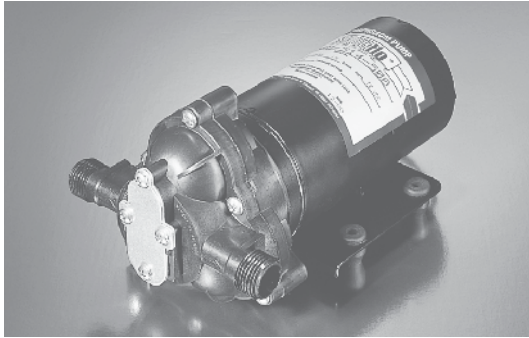
- ▶ Self-priming up to 12 vertical lift feet [3.7m]
- ▶ Built-in check valve (may vary by models)
- ▶ Prevents back flow of fluid through the pumps
- ▶ Continuous duty motor (fin-cooled version only)
- ▶ Chemically resistant materials
- ▶ Can run dry without damage

SHURflo 2088 Series diaphragm pumps deliver reliable performance in high flow, moderate pressure applications. They are used in a variety of spraying, and transferring applications that require flows of up to 3.6 GPM (13.6 l/min). They are available in a variety of chemically resistant materials, can be mounted in any position, and are designed for easy maintenance.

Model	Description	PSI	BAR	GPM	L/min	Amps
2088-313-145	Premium Demand Pump w/Fin Cooled Motor 3.6 GPM open flow, Viton® valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MSPT* ports.	10	0.7	3.09	11.7	6.4
		20	1.4	2.82	10.7	7.6
		30	2.1	2.49	9.4	8.7
		40	2.8	2.15	8.1	9.5
2088-343-135	Standard Demand Pump 3.0 GPM open flow, Viton® valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MSPT* ports.	10	0.7	2.80	10.6	5.3
		20	1.4	2.69	10.2	5.5
		30	2.1	2.36	8.9	6.7
		40	2.8	2.05	7.8	7.7
2088-344-500	Standard Bypass Pump 3.3 GPM open flow, Viton® valves, Santoprene™ diaphragm, 45 PSI Bypass, 1/2" MSPT* ports.	10	0.7	2.90	10.9	5.8
		20	1.4	2.30	8.7	7.1
		30	2.1	1.40	5.3	8.2
		40	2.8	0.6	2.3	9.1
2088-414-534	Premium Demand Pump w/Splash-Proof Motor 3.6 GPM open flow, Santoprene™ valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MSPT* ports.	10	0.7	2.90	11.0	5.6
		20	1.4	2.60	9.8	7.1
		30	2.1	2.30	8.7	8.4
		40	2.8	2.07	7.8	9.0
2088-443-144	Standard Demand Pump 3.5 GPM open flow, Santoprene™ valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MSPT* ports.	10	0.7	2.83	10.7	5.8
		20	1.4	2.56	9.7	7.0
		30	2.1	2.31	8.7	8.0
		40	2.8	2.02	7.6	9.1
2088-514-145	Premium Demand Pump w/Fin Cooled Motor 3.6 GPM open flow, Santoprene™ valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MSPT* ports.	10	0.7	2.90	11.0	5.6
		20	1.4	2.60	9.8	7.1
		30	2.1	2.30	8.7	8.4
		40	2.8	2.07	7.8	9.0
2088-554-144	Standard Demand Pump 3.5 GPM open flow, Santoprene™ valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MPT ports.	10	0.7	2.54	9.6	4.5
		20	1.4	2.11	8.0	5.0
		30	2.1	1.65	6.2	5.2
		40	2.8	1.14	4.3	5.0

* 1/2" - 14 National American Straight Pipe Thread. Requires SHURflo swivel type fittings.

2088 Series Diaphragm Pump – BYPASS PUMP 12 VDC



Features

- ▶ Self-priming up to 12 vertical feet [3.7m]
- ▶ Can run dry without damage
- ▶ Built-in check valve (may vary by models) prevents back flow of fluid through the pump
- ▶ Chemically resistant materials
- ▶ Continuous duty motor (fin-cooled version only)

SHURflo 2088 Series diaphragm pumps deliver reliable performance in high flow, moderate pressure applications. They are used in a variety of spraying, and transferring applications that require flows of up to 4.0 GPM [14.4 l/min]. They are available in a variety of chemically resistant materials. They can be mounted in any position, and are designed for easy maintenance.

Model	Description	PSI	BAR	GPM	L/min	Amps
2088-514-500	Standard Internal Bypass Pump 4.0 GPM open flow, Santoprene™ valves, Santoprene™ diaphragm, 45 PSI Bypass, 1/2" MSPT* ports.	10	0.7	3.5	13.2	8.0
		20	1.4	3.2	12.1	9.5
		30	2.1	2.5	9.5	11.0
		40	2.8	1.6	6.1	11.6
		50	3.4	0.6	2.3	13.0

2088 Series Diaphragm Pump – AUTOMATIC DEMAND PUMPS 24 VDC

Features

- ▶ Self-Priming up to 12 vertical feet [3.7m]
- ▶ Can run dry without damage
- ▶ Built-in check valve (may vary by model) prevents back flow through the pump
- ▶ Continuous duty motor (fin cooled version only)
- ▶ Chemically resistant materials
- ▶ Automatic demand

SHURflo 2088 Series demand pumps provide the same reliability as the 12 VDC versions, except in a 24 VDC capacity. They are ideal in industrial applications that require flow rates up to 3.6 GPM [14.0 l/min] with low amp draw. They are used in a variety of spraying and transferring applications. They are available in a variety of chemically resistant materials. These 24 VDC pumps are ideal for offroad or road maintenance equipment applications.

Model	Description	PSI	BAR	GPM	L/min	Amps
2088-474-144	Standard Demand Pump 3.0 GPM open flow, Santoprene™ valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MSPT* ports.	10	0.7	2.80	10.6	2.41
		20	1.4	2.25	8.5	2.63
		30	2.1	1.75	6.6	2.73
		40	2.8	1.25	4.7	2.71
2088-573-534	Premium Demand Pump w/E-Coat Motor 3.6 GPM open flow, Santoprene™ valves, Santoprene™ diaphragm, 45 PSI Demand Switch, 1/2" MSPT* ports.	10	0.7	3.17	12.0	3.1
		20	1.4	2.92	11.0	3.6
		30	2.1	2.63	9.9	4.1
		40	2.8	2.34	8.8	4.5

* 1/2" - 14 National American Straight Pipe Thread. Requires SHURflo swivel type fittings.