

166 Series Diaphragm Pumps

Air-Driven Pumps



166-200-36

- 2 chamber dual diaphragm
- Positive displacement
- On-demand operation
- Chemical-resistant polypropylene body
- 30 to 60 PSI [2.1-4.1 bar]

The SHURflo 166 air-operated demand pumps employ a dual diaphragm design, with a patented fast action switching mechanism allowing for consistent flow and pressure. They are built for the toughest pumping applications and are available in a variety of elastomers that allow them to be compatible with most caustic or acidic fluids. Ideal for chemical transfer, liquid fertilizer injection and agricultural spraying.

Order Information

Part #	Description	Max GPM	Max PSI
166-200-36	Viton valves and diaphragm	0.6	30-60
166-200-46	Buna valves and diaphragm	0.6	30-60
166-200-56	EPDM valves and diaphragm	0.6	30-60
166-200-57	Santoprene valves and diaphragm	0.6	30-60

Power Twin Pump

Demand Pumps 12 VDC



4211-035

- Up to 6.25 GPM [23.7 L/min]
- Thermally-protected motor with heat sink
- Self-priming
- Quiet, balanced operation
- Long-life pressure switch
- Intake/Discharge manifold optional

Take all the performance and features of the time-tested 2088 series, double it, and the result is the high-flow Power Twin. Delivers an open flow of 6.25 GPM [23.7 L/min] at a mere 8.7 amps. At 40 PSI [2.8 bar], it delivers 3.5 GPM [13.2 L/min] and draws only 17.2 amps. One of the most efficient high-flow self-priming pumps available today, the Power Twin is excellent for transferring, light-duty spraying, and use as a 1:1 proportioning pump.

Order Information

Part #	Description	Max GPM	Max PSI	Port Size	Max Draw
4111-035	Viton valves, Santoprene diaphragm, 45 PSI demand switch, manifold with 5/8" barb ports	6.25	40	1/2" MPT	17.2
4211-035	Viton valves, Santoprene diaphragm, 45 PSI demand switch	6.25	40	1/2" MPT	17.2
94-389-00	Manifold Kit 5/8" barb (2) per pump				
94-389-01	Manifold Kit 3/4" barb (2) per pump				

Model	PSI	BAR	GPM	L/min	Amps
4111-035	0	0	6.25	23.5	8.7
	10	0.7	5.7	21.6	12.2
	20	1.4	5.0	19.0	14.5
	30	2.1	4.3	16.2	16.1
	40	2.8	3.5	13.2	17.2
4211-035	0	0	6.25	23.5	8.7
	10	0.7	5.7	21.6	12.2
	20	1.4	5.0	19.0	14.5
	30	2.1	4.3	16.2	16.1
	40	2.8	3.5	13.2	17.2