

FSW Shallow Well Jet Pump

Professional-grade, shallow well jet pump designed to provide years of reliable service in shallow well (up to 25' of lift) pumping applications.

Applications:

Potable water systems-homes, farms, cottages, booster systems, and sprinkler systems.

Specifications:

- Maximum Inlet Pressure - 50 PSI
- Maximum Liquid Temperature - 140°F
- Body / Seal Plate - Cast Iron
- Noryl Venturi and Lexan Nozzle
- Impeller - Noryl with Stainless Steel insert
- Diffuser - Reinforced polypropylene
- Motor Base - Heavy-duty, 12 gauge steel and rubber pad with a universal tank mounting configuration.



Features:

- **Quality** - Manufactured with heavy-duty, close-grained, cast iron pump case and seal plate to provide years of trouble-free performance.
- **Ease of Service** - Multiple tapped ports, 1-1/4" suction and 1" discharge, 1/4" pressure gauge port, nozzle cleanout port and a drain and winterization port.
- **High Efficiency** - Matched jet nozzle and venturi designed for maximum performance and resistance to abrasion and wear.
- **Mechanical Seal** - Carbon-ceramic lapped sealing surface and Stainless Steel components provides years of protection against leakage.
- **Pressure Switch** - Industry-proven Square D switch, factory-installed with a 30/50 pre-set pressure setting for quick installation.
- **Motor** - Industry-proven Century motor (formerly AO Smith) includes a one-piece threaded shaft, balanced rotor, insulated windings and dust-proof ventilated enclosure.
- **Average priming time (in minutes) at 15 feet:** FSW05 - 2.3; FSW07 - 1.7; FSW10 - 1.3; FSW15 - 1.1



Pump Performance (Gallons per Minute)												
Model Number	HP	Motor Voltage	Pressure Switch Setting	Discharge Pressure (PSI)	Suction Lift					Shut-Off Pressure (PSI)	Shipping Weight	
					5'	10'	15'	20'	25'			
FSW05	½	115/230V	30/50 Square D	30	9.7	8.3	7.4	5.9	4.3	70	44	
				40	7.9	7.2	6.4	5.6	4.1			
				50	4.5	3.8	3.1	2.7	1.8			
FSW07	¾			30	15.0	13.0	11.6	8.7	6.9		67	47
				40	12.5	11.4	10.1	8.2	6.8			
				50	8.0	6.8	6.1	4.8	3.5			
FSW10	1			30	21.4	19.1	16.5	13.3	9.5	67		66
				40	20.8	18.7	15.8	13.2	9.3			
				50	13.5	11.6	10.1	7.4	2.4			
FSW15	1½			30	28.5	25.0	21.4	17.4	12.6		67	69
				40	28.3	24.4	21.0	17.2	12.3			
				50	21.5	18.3	10.9	3.1	1.6			

PERFORMANCE CURVES

FSW05 (.5 HP) - FSW07 (.75 HP) - FSW10 (1 HP) - FSW15 (1.5 HP)

