



*Pumps For
Professionals
Only*

FLS Self Priming Lawn Sprinkler Pump

Designed for residential and light commercial applications, the FloWise® FLS Series High Efficiency Lawn Sprinkler pump delivers maximum water volume from up to 25' of lift.

Applications:

- Lawn Sprinkling
- Irrigation
- Pressure Boosting
- Water Transfer
- Dewatering



Features:

- **Quality** - Manufactured with close-grained cast iron. A large, high capacity pump case and seal plate to provide years of trouble-free performance and quick and easy priming.
- **Ease of Service** - Back pullout design allows easy servicing - no need to disconnect plumbing lines.
- **Port Sizes** - 1½" NPT suction and 1½" NPT discharge, draining, and winterizing with (2) ¼" ports.
- **Mechanical Seal** - Carbon-ceramic lapped sealing surface and Stainless Steel components provides years of protection against leakage.
- **Motor** - Industry-proven, 56J "C" Face Century Open Drip Proof Motor (formerly AO Smith) rated for indoor and outdoor installation. Dual voltage: 115/230V single phase motors (1 HP - 1½ HP), 230V, (2 HP - 3 HP) motor.
- **Impeller:** Noryl with Stainless Steel insert.
- **Diffuser:** Bolt down style diffuser creates positive alignment with the center of the impeller. Made with glass filled with Lexan to provide strength and superior abrasion handling.



Pump Performance (Gallons per Minute)											
Model Number	HP	Motor Voltage (Ph/Hz)	Discharge Pressure	Suction Lift					Shut-Off Pressure (PSI)	Shipping Weight	
				5'	10'	15'	20'	25'			
FLS10	1	115/230V (1/60)	20	53.5	51.5	49.5	46.3	41.4	51	58	
			30	43.4	41.3	38.4	36.3	32.2			
			40	29.4	22.4	16.3	8.3				
FLS15	1½		20	63.5	59.4	54.4	49.3	39.5	53	63	
			30	60.4	55.4	52.3	46.3	37.2			
			40	45.3	38.3	33.2	30.3	14.1			
FLS20	2	230V (1/60)	20	86.5	77.4	70.3	59.3	46.2	54	65	
			30	80.5	72.4	67.4	57.3	44.4			
			40	65.4	60.4	57.4	50.4	43.4			
FLS30	3		230V (1/60)	20	105.6	100.5	88.4	76.4	60.3	55	75
				30	92.4	90.4	84.3	75.3	57.2		
				40	73.4	67.4	62.4	55.3	50.3		

Model Number	HP	Motor Voltage (Ph/Hz)	Suction & Discharge	Full Load Amps	Fuse	Circuit Breaker	
						Standard	Delay
FLS10	1	115/230V (1/60)	1½"	16/8	50/25	50/25	30/15
FLS15	1½			20/10	60/35	60/35	35/20
FLS20	2	230V		13.9	40	40	25
FLS30	3			17	60	60	30

PERFORMANCE CURVES

FLS10 (1.0 HP) - FLS15 (1.50 HP) - FLS20 (2.0 HP) - FLS30 (3.0 HP)

