



*The heart of
your water system*

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PSW INJECTION CENTRIFUGAL SHALLOW WELL PUMP

The PSW injection centrifugal shallow well pump is ideal for a house, a summer cottage or a country house.

The diffuser (Polycarbonate) and the impeller (Noryl) precisely molded, assure optimum efficiency. The self-lubricated mechanical seal is made of carbon and ceramic for a long life.

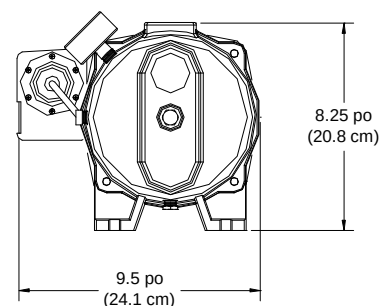
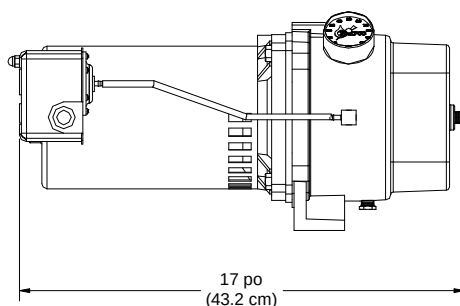
The pump housing and the seal plate are made of grey close-grained cast iron. These parts are specially treated with adapted paint to give better resistance to corrosion.



CHARACTERISTICS

- ? Single-phase motor, **square flange**, 3450 RPM, 115/230 Volts, automatic thermal protection and "NUTRIDE" shaft
- ? Pressure switch set at 30 to 50 lbs/in²
- ? 0 - 100 PSI pressure gauge

All pumps are tested in factory



Part number	Pump model	Motor H.P. (kW)	Suction inch (mm)	Discharge inch (mm)	Shipping weight	Suggested list price
320-1050	PSW-50	1/2 (.37)	1 1/4" (31.8)	1" (25.4)	43 (19)	430.00*
320-1075	PSW-75	3/4 (.55)			43 (19)	475.00*
320-1100	PSW-100	1.0 (.75)			45 (20)	569.00*



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PERFORMANCE CHART

INJECTION CENTRIFUGAL PUMP FOR SHALLOW WELL APPLICATION

PSW MODEL

MODEL	MOTOR H.P. (kW)	VENTURI & NOZZLE	DISCH. PRESSURE P.S.I. (kPa)	DEPTH OF WATER IN FEET (METERS)					Shut-off PSI (kPa)
				5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	25 (7.62)	
				CAPACITY - U.S. GALLONS/HOUR (LITERS/HOUR)					
PSW-50	1/2 (.37)	287	20 (141)	800 (3024)	710 (2684)	610 (2305)	510 (1927)	410 (1552)	73 (503)
			30 (211)	780 (2948)	700 (2646)	600 (2268)	500 (1890)	380 (1436)	
			40 (281)	650 (2457)	560 (2117)	500 (1890)	420 (1588)	340 (1285)	
			50 (352)	350 (1323)	310 (1171)	270 (1020)	250 (945)	190 (718)	
			60 (422)	200 (756)	180 (680)	150 (567)	100 (378)	50 (189)	
PSW-75	3/4 (.55)	307	20 (141)	890 (3364)	760 (2872)	700 (2646)	560 (2117)	450 (1701)	71 (490)
			30 (211)	870 (3289)	750 (2835)	690 (2608)	550 (2079)	440 (1663)	
			40 (281)	720 (2721)	620 (2343)	550 (2079)	480 (1814)	400 (1512)	
			50 (352)	470 (1776)	360 (1360)	310 (1171)	270 (1020)	220 (831)	
			60 (422)	240 (907)	180 (680)	140 (529)	120 (453)	70 (265)	
PSW-100	1 (.75)	347	20 (141)	1260 (4762)	1025 (3880)	880 (3326)	790 (2986)	620 (2343)	71 (490)
			30 (211)	1240 (4687)	1010 (3818)	870 (3288)	775 (2929)	610 (2305)	
			40 (281)	1125 (4252)	960 (3629)	860 (3250)	770 (2910)	580 (2192)	
			50 (352)	760 (2872)	630 (2381)	580 (2192)	490 (1852)	400 (1512)	
			60 (422)	425 (1606)	320 (1210)	220 (831)	180 (680)	140 (529)	

