



**WACKER  
NEUSON**  
*all it takes!*

# Pumps

## Submersible



### Fast and dependable dewatering

Designed for a variety of applications, Wacker Neuson's submersible pumps can easily and cost effectively handle dewatering construction sites, ponds and flooded areas.



### Versatility

With a large selection of models, the high performance, single-phase submersible pumps are lightweight, compact and capable of handling solids up to .4" and discharge capacities from 45 to 130 gal/min.

## Reliable

- Built-in thermal protection prevents motor damage due to impeller blockage, reducing repairs. Silicon carbide-faced double mechanical seals run in an isolated oil-filled cavity allowing for seal lubrications, cooling and overall motor protection



## Performance Data

	Unit	PSR1500	PSG2500	PST2400 / PSTF2400	PST3750 / PSTF3750	PS2500	PSA2500
Discharge diameter	in	0.75	2	2	3	2	2
Length x width x height	in	7.7 x 7.7 x 12.4	8.3 x 8.3 x 11.2	10.1 x 7.3 x 13	12.5 x 7.3 x 15.3	7.3 x 7.3 x 12	8.7 x 7.3 x 12
Operating weight	lbs	26	23	25	42	21	22
Maximum head	ft	39.5	39.5	39.4	62	39.4	39.5
Max. discharge	gal/min	45	62.4	52.8	60	62.4	62.4
Continuous running water level	in	0.04	0.2	3.5	3.5	2	2
Max. pressure	psi	17.3	17.3	16.8	16.8	17	17
Solid size capacity	in	0.2	0.2	0.2	0.2	0.2	0.2
Motor type		Single-phase / 60Hz			Single-phase / 60Hz		
Voltage	V	110	110	110	110/220	110/220	110
Current (full load/ Start @ 110V)	A	6.1 / 12.5	6.1 / 12.5	5.4 / 12.5	10 / 26	6.1 / 12.5	6.1 / 12.5
Current (full load/ Start @ 220V)	A	–	–	–	4.7 / 13	3.0 / 8.0	–
Speed	rpm	3,255	3,255	3,321	3,408	3,270	3,270
Power	hp	0.64	0.64	0.54	1	0.64	0.64
Cable length	ft	32	32	20	33	32	32
Cable size	awg	16	16	16	14	16	16
Impeller material		Urethane	Urethane	Urethane	Urethane	Urethane	Urethane
Impeller type		Semi-vortex	Semi-vortex	Semi-vortex	Semi-vortex	Semi-vortex	Semi-vortex

	Unit	PS2800	PSA2800	PS31500	PSW31500	PS32200
Discharge diameter	in	2	2	3	3	3
Length x width x height	in	7.6 x 7.4 x 13.4	7.6 x 8.8 x 13.4	9.5 x 9.5 x 22.5	7.4 x 7.4 x 23.4	9.5 x 9.5 x 22.5
Operating weight	lbs	29	30	63.5	72	64
Max. head	ft	59	59	69	69	85
Max. discharge	gal/min	82	82	111	111	130
Max. pressure	psi	17	17	30	30	37
Solid size capacity	in	0.236	0.236	0.3	0.24	0.3
Motor type		Single-phase / 60 Hz			Single-phase / 60 Hz	
Voltage	V	110, 220	220	110, 220	110, 220	220
Current (full load/ start @ 110V)	A	10.1 / 21.1	–	23 / 136	27 / 108	–
Current (full load/ start @ 220 V)	A	5.3 / 11.5	5.3 / 11.5	11.5 / 68	13.7 / 54	13 / 70
Speed	rpm	3,300	3,300	3,440	3,480	3,465
Power	hp	1	1	2	2	3
Cable length	ft	49	49	32	49	32
Cable size	awg	14	14	12 / 14	12	14
Impeller material		Urethane	Urethane	Ductile iron	High chrome, cast iron	Urethane
Impeller type		Semi-vortex	Semi-vortex	Semi-vortex	Semi-open	Semi-vortex

