

PROSSER®

brands you trust.

Prosser Standard-Line® Submersible Dewatering

Prosser Versatility

If you need to remove unwanted water, a Prosser portable electric submersible pump is your solution. Prosser Standard-Line® pumps offer high head or high volume performance and are available in over 130 outstanding models. You can also include optional features such as watertight control enclosures, liquid level controls, adapter kits, and more. This wide range of choices enables you to select the exact pump you need to fit your application.

Heads to 210'
Flows to 1400GPM
¾ - 50 HP
Discharge Sizes 2" - 6"
Slim Line Design



Built Rugged for Dependability

Wherever unwanted water is found, Prosser Standard-Line® submersible pumps are the most cost-effective choice for efficient, reliable dewatering. Prosser pumps have proven their value with dependable performance in a variety of challenging applications including:

- Construction
- Industrial
- Marine
- Utilities
- Telecommunication
- Municipal
- Government

Performance You Can Count On

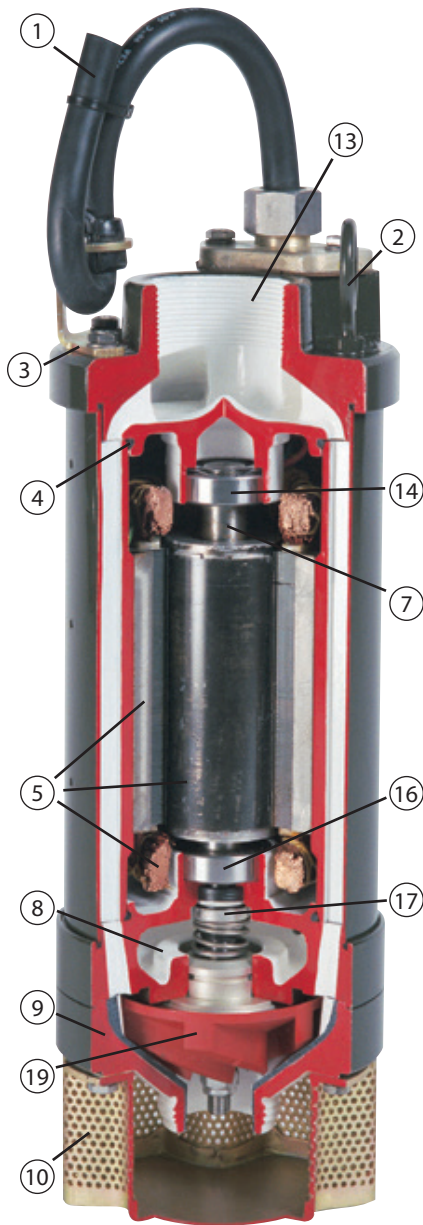
Benefits:

- Pumps require no priming, suction hose, or foot valve. Just submerge them and they are ready to go.
- Operate in any position.
- Bearings require no outside lubrication.
- Unique in-line design ensures a cool-running motor by transferring motor heat directly to the pumped fluid.
- Abrasion resistant impellers and silicon carbide outboard shaft seals help ensure trouble-free performance.

Selection Chart (60Hz):

Discharge Size	HP	Head in Feet	Flow (U.S. GPM)	Max. Pump Diameter	Length	Weight (Pump Only)	Suction Connection	Discharge Connection
2"	¾ (a)	5	98	5½" (140 mm)	15.74" (400 mm)	23 lbs (10.4 Kgs)	1½" 9 NHT	2" NPT (F)
		15	80					
		25	57					
	1 (a)	10	107	5½" (140 mm)	15.74" (400 mm)	23 lbs (10.4 Kgs)	1½" 9 NHT	2" NPT (F)
		20	83					
	35	38						
40	20							
2 (b)	25	120	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
	42	80						
55	50							
68	20							
2½ HH (c)	30	140	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
	50	100						
65	75							
78	30							
2½ HV (c)	10	290	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
	20	230						
30	160							
45	50							
5 HH (c)	65	150	7" (188 mm)	24" (609 mm)	65 lbs (30 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
	105	100						
125	75							
145	50							
3"	2¾ (b)	10	290	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)
		20	230					
		30	160					
		45	50					
3½ (b)	20	250	7" (188 mm)	22" (559 mm)	65 lbs (30 Kgs)	3" Vict (M)	3" NPT (F)	
	40	175						
	60	100						
70	50							
5 HV (c)	30	300	7" (188 mm)	22" (559 mm)	65 lbs (30 Kgs)	3" Vict (M)	3" NPT (F)	
	55	200						
70	125							
85	50							
4"	10 HV (c)	20	600	10½" (267 mm)	29" (737 mm)	150 lbs (68 Kgs)	5" Vict (M)	4" NPT (F)
		60	400					
		80	300					
		100	100					
10 HH (c)	20	450	10½" (267 mm)	29" (737 mm)	150 lbs (68 Kgs)	5" Vict (M)	4" NPT (F)	
	65	300						
102	200							
140	100							
15 HV (c)	30	800	10½" (267 mm)	41" (787 mm)	155 lbs (70 Kgs)	5" Vict (M)	4" NPT (F)	
	50	600						
87	400							
120	200							
15 HH (c)	20	550	10½" (267 mm)	41" (787 mm)	155 lbs (70 Kgs)	5" Vict (M)	4" NPT (F)	
	60	450						
120	300							
180	100							
6"	25 HV (c)	50	1000	12¾" (327 mm)	37" (940 mm)	275 lbs (125 Kgs)	6" Vict (M)	6" NPT (F)
		90	750					
	120	500						
	150	200						
25 HH (c)	50	800	12¾" (327 mm)	37" (940 mm)	275 lbs (125 Kgs)	6" Vict (M)	6" NPT (F)	
	105	600						
160	400							
200	200							
50 HV (c)	50	1400	12¾" (327 mm)	37" (940 mm)	343 lbs (156 Kgs)	6" Vict (M)	6" NPT (F)	
	100	1100						
140	750							
160	500							
50 HH (c)	80	1000	12¾" (327 mm)	37" (940 mm)	343 lbs (156 Kgs)	6" Vict (M)	6" NPT (F)	
	150	600						
180	450							
210	250							

HV = High Volume HH = High Head Available in (a) 1 & 3 phase, (b) 1 phase, or (c) 3 phase



1. Type SO or Type G power cable with cable strain relief on all pumps for maximum cable and connection protection.
2. Eyebolt on ¾ and 1 HP (Two lifting lugs on center line or larger units).
3. Hardware is stainless steel (¾ and 1 HP only) or zinc-plated to resist erosion, corrosion and wear.
4. Buna "N" O-ring static seals.
5. Motor construction with silicon steel laminations, die-cast aluminum rotors and copper magnet wire. Also utilizes a Class B (¾ and 1 HP) and Class F (2 - 50 HP) insulation system.
6. Anti-corrosion treated wetted surfaces.
7. Stainless steel shaft resists corrosion.
8. Oil chamber for seal lubrication.
9. Suction case made of 356T6 Aluminum, anti-corrosion coated, plus wear-resistant polyurethane liner.
10. Rugged suction strainer is stainless steel.
11. Water-tight connection box (not shown).
12. Pressure test plug to check integrity of pump seals (not shown).
13. 356T6 Aluminum, anti-corrosion coated discharge head.
14. Permanently lubricated radial bearings.
15. Special abrasion resistant wear plate on 2 - 5 HP models protects the diffuser from abrasive material (not shown).
16. Permanently lubricated thrust bearings.
17. Inboard ceramic and carbon shaft seal with Buna "N" elastomers.
18. Outboard Prosser-designed silicon carbide shaft seal with Viton® elastomers for durability and wear resistance (not shown).
19. Polyurethane impellers with stainless steel option on ¾ - 1 HP units. Abrasive-resistant impellers of hardened 17-4 stainless steel (40-44 Rockwell) on 2 HP and larger models.

Series Operation Increases Productivity

The in-line suction and discharge of the Prosser Standard-Line pumps permits pumps to be connected in series providing double the discharge pressure. Series operation enables you to use the same pumps on different jobs with varying head requirements or with smaller diameter well casings. While a single pump may be sufficient for one job, simply connecting pumps in a series permits two small pumps to do the work of one large pump.

Since 1942, people who require quality and performance have specified Prosser® Pumps.

Prosser Pump Control and Accessories

Pump Control Panels

- Equipped with a special circuit breaker that provides protection against short circuit, overload, and locked rotor by disconnecting power to the pump if any of these conditions occur. The circuit breaker also serves as a manual across-the-line motor control.
- Includes a reset button to start pumping once conditions have been corrected.
- Offered with standard length cable (other lengths available).
- Optional rainproof (NEMA 3R) or watertight (NEMA 4) corrosion-resistant enclosures available.

Galvanic Protection Kit

- Protects pump against corrosion caused by electrolytic action.

Sludge and Mushroom Strainer

- Designed to raise the pump's suction screen above sludge in a manhole or pit.
- Removes water with a top-down pumping action to a level of 6" - 8" from the bottom
- Fits all Prosser Standard-Line® pumps to ¾ - 5HP.
- Mushroom strainer will allow water removal to within .25" of floor level (2" Discharge Units).
- Easily assembled and disassembled.





CRANE[®]

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