

Rain Bird® Low Profile (LP) Pump Stations

0.5 to 10 hp; Up to 120 psi (8.1 bar); Up to 235 gpm (53.4 m³/h)

Choose the Low Profile Pump Station for small to midsize boost, flooded suction and suction lift applications such as city parks and buildings, sports fields, commercial buildings, small Home Owners Associations, and large residential sites.

- Cost effective – Standardized VFD driven pump system delivers high performance with minimum investment
- Low Profile – Compact aluminum marine enclosure with powder coated skid and piping
- Energy efficient – Variable Frequency Drive (VFD) maintains constant pressure at varying flow demand
- Reliability – Simple standard design, easy installation and maintenance

Features

- Vertical multistage or horizontal end-suction pumps
- Compact marine grade aluminum enclosure
- Separate NEMA 3R electrical controls enclosure
- Steel piping throughout, with flange or Victaulic couplings
- Corrosion resistant powder coating on skid, piping, and flanges
- Pump Start Relay, or optional pressure start
- Variable Frequency Drive for maximum efficiency
- GT1020 Operator touch screen with text
- Circuit breaker motor protection
- Auto restart capability
- Surge protection
- Pump thermal switch for safety shutdown
- Fan and louver cooling
- Inlet/outlet glycerin filled pressure gauges

Electrical Power Specification

- 60Hz, 3-phase power: 208V, 230V, 460V
- 60Hz, 1-phase power: 208V, 230V



Rain Bird Low Profile Pump Station (LP) with NEMA 3R enclosure

Options

- Environmental package: Insulation and heater
- Audible/Visual alarm
- Pressure Relief Valve (PRV)
- Z - Pipe(s) - Inlet/Discharge
- Expansion tank and flow switch: If pump start signal is not available
- Swing check valve: For suction lift application
- Pump Bypass manifold
- Flow meter: requires piping inlet/discharge thru enclosure wall



Buy with Confidence

- 75 Years of irrigation experience
- Over 1000 installed pump station's globally
- Extensive service network
- Full pump station testing prior to shipment



To get your exact Low Profile Pump Station (LP) price, contact Rain Bird at 520-806-5620 or email us at pumps@rainbird.com with your requirements.



Rain Bird® Low Profile (LP) Pump Stations

Vertical Multi-Stage Pump Type

Pump Model	hp	Flanged Connections Inlet/Disch.	(Differential Pressure- psiG) Boost at Maximum Flow (gpm)											
			15 psiG	20 psiG	30 psiG	40 psiG	50 psiG	60 psiG	70 psiG	80 psiG	90 psiG	100 psiG	110 psiG	120 psiG
CR3-3	0.5	2"	22	20	12									
CR3-4	0.75	2"			18	12								
CR3-5	0.75	2"				18	14							
CR5-2	0.75	2"	30	23										
CR10-1	0.75	2"	15											
CR3-6	1	2"					18	14	10					
CR5-3	1	2"		40	23									
CR3-7	1.5	2"						18	15	10				
CR5-4	1.5	2"			37	23								
CR5-5	1.5	2"				35	27	17						
CR10-2	1.5	2"		60	55									
CR3-10	2	2"								18	16	14	12	8
CR5-7	2	2"					37	34	27	20				
CR15-1	2	3"	110	80										
CR10-3	3	2"				60	45							
CR10-4	3	2"					60	55	45	30				
CR20-1	3	3"	130	110										

Horizontal End-Suction Pump Type

Pump Model	hp	Flanged Connections Inlet/Disch.	(Differential Pressure- psiG) Boost at Maximum Flow (gpm)											
			15 psiG	20 psiG	30 psiG	40 psiG	50 psiG	60 psiG	70 psiG	80 psiG	90 psiG	100 psiG	110 psiG	120 psiG
CP0590T	1	2"		35										
CP0590T	2	3"			55	30								
1WC	2	2"				27-40	15-20							
1WC	3	2"					25-42	15-30						
CT1090T	3	3"			70	60	30							
CP1090T	5	3"				95	85	70	50					
1WC	5	2"						35-47	17-50	17-50	20-30			
1.5WH	5	4"			140-165	90-135	75-90							
1WC	7.5	2"								45-55	35-55	20-45		
1.25W	7.5	4"				140-160	105-160	65-125	65-75					
1.5WH	7.5	4"			170-215	140-195	95-165	80-125						
CP10150T	7.5	4"		180	190	190	170	130						
2WH	7.5	4"			200-235	115-185								
1.25Y	7.5	4"					145	125	100	65				
1.25Y	10	4"					150-160	130-160	105-145	70-125				
1.5WH	10	4"				200-235	170-215	130-190	90-150					
CP1090T	10	4"									105	88	60	
CP10150T	10	4"					215	204	180	130				

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The Intelligent Use of Water™

www.rainbird.com