

Intermediate Flow Pump Stations

Flows up to 750GPM @ 120PSI • Higher flows available at pressures less than 120PSI

Reliable Variable Frequency Drive, Single Horizontal End Suction Pump Stations designed for boosting pressure on golf courses with elevation changes, lake transfer, or serving as the main irrigation pump station on smaller golf courses configured for flooded-suction or suction lift.

Zero to Full Installation in One Day: 100% system testing at Rain Bird's Tucson AZ manufacturing facility ensures day one success. Add an optional pump station enclosure, and your project is complete on the day of installation.

Benefits

- Reduced Downtime: Modern electrical design utilizing industrial circuit breaker motor protection instead of time wasting fuses. Industrial circuit breakers are quickly reset and designed for an extended service life.
- Easy Operator Training: Easy to navigate monochrome touch-screen.
- Reduced Cost: Our powder coat paint earned a perfect rating on ASTM corrosion tests. Less corrosion equals longer pipe, skid, and manifold life, reducing cost.
- No Hassles Buying: Get everything you need for your irrigation system construction or renovation from the only manufacturer dedicated to irrigation for over seven decades.

Features

- Continuously welded skid with no corrosion prone diamond deck for maximum pump station service life.
- NEMA-4 Electrical Enclosure for maximum electrical component protection.
- Monochrome touch-screen operator interface for easy pump station operation.

Available Options

- Air Conditioned Electrical Panel Cooling for Hotter Climates. An air conditioned electrical panel helps ensure longer electrical component life in desert and tropical climates.

- Aluminum, Painted Steel (Government Specified Colors), or Stainless Steel Enclosures to protect against vandalism and the elements.
- Full Color Touch-screen with English and Spanish interface.
- Magnetic Flow Meter: With no moving parts, it's the most accurate way to measure flow and water use. Essential when under mandatory reporting requirements.
- Modem, Radio or Hard-wired: Monitor your pump station at your Central Control with Rain Bird's Pump Manager Software (Full Color Touch-screen required).
- TEFC Motor: Maximum motor winding protection for challenging climates and conditions.
- Filtration or Wye Strainer with Auto Backflush: The best way to address poor water quality and its effects on your irrigation system.

Buy with Confidence

- Over 500 installed golf pump stations worldwide
- Extensive service network
- Full pump station testing prior to shipment

Electrical Power Specifications

- 60 Hz, 3-Phase Power: 230V (up to 60HP per pump), 460V, 575V
- 50 Hz, 3-Phase Power: 190V (up to 60HP per pump), 380V, 415V
- 60 Hz, 1-Phase Power: 230V (up to 30HP per pump)

Customer Satisfaction Policy

Rain Bird guarantees its pump station products to be free of defects in materials and workmanship for a period of one (1) year from the date of startup, but not later than sixteen months from the date of shipment.



Easy to Navigate Monochrome Touch Screen with Backlighting



Pump Station Shown with Optional Marine Grade Aluminum Enclosure and Optional Magnetic Flow Meter





Specifications

Use the horsepower chart below to estimate the size of pump required for your application. Then contact your authorized Rain Bird distributor with site conditions to have your pump station professionally sized by Rain Bird's pump station engineers.

Single End-Suction Centrifugal Pump Horsepower Chart

Pump Station Discharge (PSI)	120	40	40	40	50	50	60	60	60	60	60	60	60	60	75	75	75	75	75	75
	115	40	40	40	50	50	60	60	60	60	60	60	60	60	75	75	75	75	75	75
	110	40	40	40	50	50	50	50	50	60	60	60	60	60	60	75	75	75	75	75
	105	30	40	40	50	50	50	50	50	50	50	60	60	60	60	60	60	75	75	75
	100	30	30	40	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	75
	95	25	30	40	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60
	90	25	30	40	40	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60
	85	25	30	40	40	40	40	40	40	40	40	50	50	50	50	50	50	50	60	60
	80	25	30	40	40	40	40	40	40	40	40	40	50	50	50	50	50	50	60	60
	75	25	30	30	30	30	40	40	40	40	40	40	40	50	50	50	50	50	60	60
	70	20	25	25	30	30	30	30	30	30	40	40	40	40	40	50	50	50	50	50
	65	20	20	25	25	25	25	30	30	30	30	30	40	40	40	40	40	50	50	50
	60	20	20	20	20	25	25	25	25	30	30	30	30	40	40	40	40	40	40	40
	55	20	20	20	20	20	25	25	25	25	30	30	30	30	40	40	40	40	40	40
	50	15	20	20	20	20	25	25	25	25	25	30	30	30	40	40	40	40	40	40
	45	15	15	20	20	20	20	20	25	25	25	25	30	30	30	30	40	40	40	40
	40	15	15	15	20	20	20	20	20	25	25	25	30	30	30	30	30	30	30	40
	35	15	15	15	15	20	20	20	20	20	25	25	25	25	25	25	25	30	30	30
	30	10	10	15	15	15	15	15	20	20	20	20	20	20	20	20	25	25	25	25
25	10	10	10	15	15	15	15	15	20	20	20	20	20	20	20	20	20	25	25	
20	7.5	7.5	7.5	10	10	10	15	15	15	15	15	15	15	15	15	15	20	20	20	
15	7.5	7.5	7.5	7.5	7.5	7.5	10	10	10	10	15	15	15	15	15	15	15	15	15	
	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	
	GPM																			

Rain Bird Corporation

6991 E. Southpoint Road, Tucson, AZ, 85706, U.S.A.
Phone: (520) 741-6100 Fax: (520) 741-6522

Rain Bird Corporation

970 W. Sierra Madre Avenue, Azusa, CA, 91702, U.S.A.
Phone: (626) 812-3400 Fax: (626) 812-3411

Rain Bird International, Inc.

P.O. Box 37, Glendora, CA, 91740-0037, U.S.A.
Phone: (626) 963-9311 Fax: (626) 852-7343

Technical Service and Support

(800) RAINBIRD (U.S. and Canada only)

Specification Hotline

(800) 458-3005 (U.S. and Canada only)

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