

STA-RITE® PD Series

Corrosion-resistant self-priming sprinkler pumps



Quick priming PD Series Pumps feature lightweight construction in a self-priming design. These models offer a stronger pump body with reinforcement ribs and also a new 2" suction that is designed for the professional pump contractor.

APPLICATIONS

Lawn and landscape sprinkling; self-priming out of tanks or cisterns.
Light chemical transfer for compatible fluids.

SPECIFICATIONS

Body and Base: Fiberglass-reinforced thermoplastic
Impeller: Engineered polymer
Diffuser: Polypropylene
Shaft: 300 grade stainless steel

FEATURES

Quality Construction: Fiberglass-reinforced thermoplastic provides total corrosion resistance and high resistance to sandy water.

Lightweight Design: Space-age materials make these pumps more portable than conventional cast iron pumps.

Composite Impeller: Highest performance and efficiency from ultra-smooth materials Precision-Molded for perfect balance.

Easily Serviced: Normal wearing parts are easily accessible for service and replacement, without disturbing piping or mounting.

Dustproof Cover: Electrical components protected from dust and insects.

Heavy-Duty Motor: Heavy-duty 1 through 2-1/2 HP motors. Designed for continuous operation. Stainless steel shaft.

Dual Voltage Capability: 1 and 1-1/2 HP motors have dual voltage motors and are shipped at the 230-volt setting. 2 and 2-1/2 HP are 230-volt setting only.

ORDERING INFORMATION

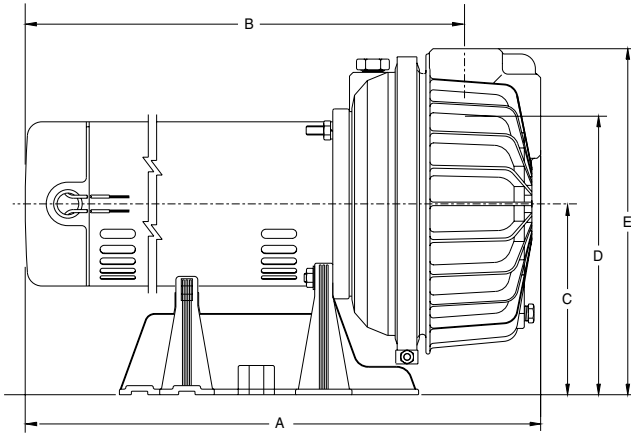
Catalog Number	HP	Pipe Tapping Sizes		Motor Voltage	Approx. Wt. Lbs.
		Suction	Discharge		
PD2HE	1	2"	1-1/2"	115/230	38
PD2HF	1-1/2	2"	1-1/2"	115/230	41
PDHG	2	2"	2"	115/230	52
PDHHG	2-1/2	2"	2"	115/230	54

NOTE: All motors are shipped from the factory set at 230 volt.

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OUTLINE DIMENSIONS



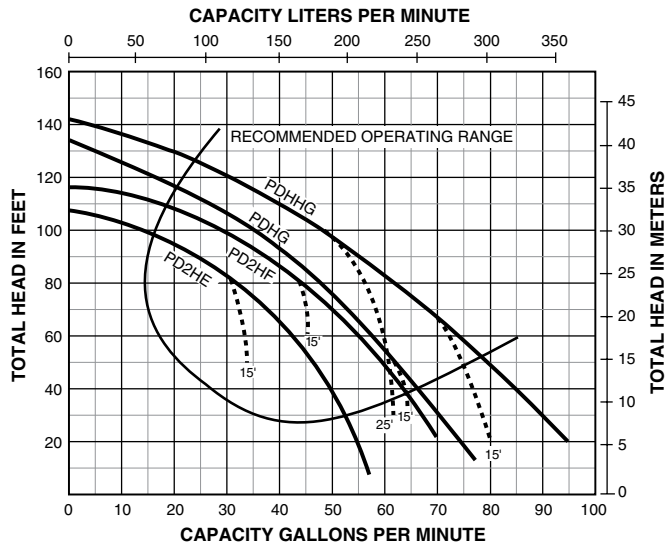
Catalog Number	A	B	C	D	E
PD2HE	17-5/8	15-1/8	6-9/16	9-9/16	11-13/16
PD2HF	18-3/4	16-1/4	6-9/16	9-9/16	11-13/16
PDHG	20	16-3/16	6-9/16	8-7/8	12-3/8
PDHGG	20	16-3/16	6-9/16	8-7/8	12-3/8

Dimensions (in inches) are for estimating purposes only.

PERFORMANCE (CAPACITY IN GALLONS PER MINUTE)

Disch. Press. PSI	PD2HE					PD2HF					PDHG					PDHGG				
	Distance Above Water																			
	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'
10	53	52	50	48	46	67	66	64	61	59	70	69	67	64	62	90	88	86	82	80
20	45	42	39	37	35	59	56	54	50	47	61	59	56	53	50	79	76	72	70	65
30	35	31	27	24	18	48	44	40	37	32	50	48	44	41	37	66	62	57	55	50
40	17	10				31	26	20	10		36	33	25	23	19	50	45	42	37	32
50											16	9				30	23	20		

PUMP PERFORMANCE



NOTE: Dotted lines indicate performance reduction at high suction lift.

