

STA-RITE® PN Series

Corrosion-resistant self-priming shallow well jet pumps



PN Series Shallow Well Jet Pumps are corrosion- and abrasion-resistant and are ideal for wells with pumping levels of 25' or less.

Self-priming after the pump housing is initially filled with water.

Capacities to 18 GPM. Available in 1/2, 3/4 and 1 HP models.

Supplied with the industry standard 30-50 pressure switch setting.

APPLICATIONS

Water Systems
Booster Pump
Marine Use
Mist Sprayers – Poultry
Fountains and Water Features

SPECIFICATIONS

Body and Seal Plate: Fiberglass-reinforced thermoplastic

Impeller: Engineered polymer

Base: 12-gauge steel

Nozzle, Venturi, Diffuser: Polypropylene

FEATURES

Quality Construction: Fiberglass-reinforced thermoplastic body provides total corrosion resistance and high resistance to abrasion.

Built-in Jet: Shallow-well jet has corrosion-resistant polypropylene nozzle and venturi.

Impeller: Precision-molded for perfect balance...ultra-smooth for highest performance and efficiency.

Precision-Molded Diffuser: Polypropylene diffuser allows pump to prime faster, handle more air.

Heavy-Duty Motor: Stainless steel shaft and dual heavy-duty ball bearings.

Heavy-Duty Ball Bearings: Shielded, permanently lubricated bearings, extensively tested to ensure extended life and smooth, quiet operation.

Dual Voltage Capability:

Dual voltage motors are shipped at the 230-volt setting.

Professional Quality, Pre-set 30-50 PSI:

Allows for cut-in pressure adjustments.

New Nozzle Cleanout: Easy plug removal and access for ease of service.

New Drain Plug: Bottom-mounted for easy draining and winterization.

ORDERING INFORMATION

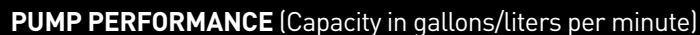
CATALOG NUMBER	HP	DESCRIPTION	PIPE TAPPING SIZES		MOTOR VOLTAGE	APPROX. WT. LBS./KG
			SUCTION	DISCHARGE		
PNC	1/2	Shallow Well Jet	1-1/4"	1"	115/230	21/9.5
PND	3/4	Shallow Well Jet	1-1/4"	1"	115/230	24/11
PNE	1	Shallow Well Jet	1-1/4"	1"	115/230	26/12

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Technical drawings of the PNC, PND, and PNE models. The left side shows a side view of the PNC model with dimensions for length (L), width, and height. The right side shows a top view of the PNC model with dimensions for width and height. The bottom right contains a table with dimensions for the PNC, PND, and PNE models.

CATALOG NUMBER	L (IN./CM)	A (IN./CM)
PNC	19.4/49.3	17.9/45.5
PND	20.1/51.2	18.7/47.4
PNE	20.6/52.4	19.2/48.7

PUMP PERFORMANCE: 10 GPM



Pumps will operate at all depths shown, with pressure switch set at 30-50 PSI. Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.