

STA-RITE® PRO-Storm™ DSS Series

Multi-stage



The Pro-Storm™ multi-stage series of sprinker pumps delivers high-performance without priming problems and delays.

The Pro-Storm multi-stage series is designed for minimal electrical consumption and quiet operation from the professional-grade motor. The new Pro-Storm multi-stage series offers first-in-class priming capabilities of up to 15 foot lifts!

APPLICATIONS

Booster
Chemical Distribution
Spot-Free Rinse
Self-Priming
Transfer

SPECIFICATIONS

Motor Bracket and Integral Pump Base:

Close-grained cast iron, 1-1/2" NPT inlet connection, stable heavy-duty design for rigid pipe and solid base mountings

Discharge: Close-grained cast iron, 1-1/4" NPT discharge connection, with easy-access drain port for end of season draining and winterization

Impellers and Diffusers: Noryl® precision-molded extra-smooth ports to maximize efficiency and performance

Outer Shell: Polished 304 stainless steel

Shaft: 303 stainless steel

Priming Valve: Special brass priming valve for trouble-free operation during the initial pump priming

Mechanical Seal: High-pressure seal, carbon-ceramic seal faces, Buna-N elastomers

Heavy-Duty Motor: 2 HP, single-phase, 3450 RPM, 230-volt, high-service factor, capacitor-start/capacitor-run, open drip-proof motor, rated for continuous-duty operation. 230/460 TEFC available

Maximum Inlet Pressure: 20 PSI

Maximum Discharge Pressure: 130 PSI

Maximum Operating Temperature: 120°F (49°C)

Maximum Suction Lift: 15 feet

Number of Stages: 3 or 4

ORDERING INFORMATION

Catalog Number	Stages	HP	Pipe Tapping Sizes		Motor Voltage	Approx. Wt. Lbs.
			Suction	Discharge		
DSS4HG	4	2	1-1/2" NPT	1-1/4" NPT	230 1ø	95
DSS4HG3T	4	2	1-1/2" NPT	1-1/4" NPT	230/460 TEFC	95
DSS3HG	3	2	1-1/2" NPT	1-1/4" NPT	230 1ø	95
DSS3HG3T	3	2	1-1/2" NPT	1-1/4" NPT	230/460 TEFC	95

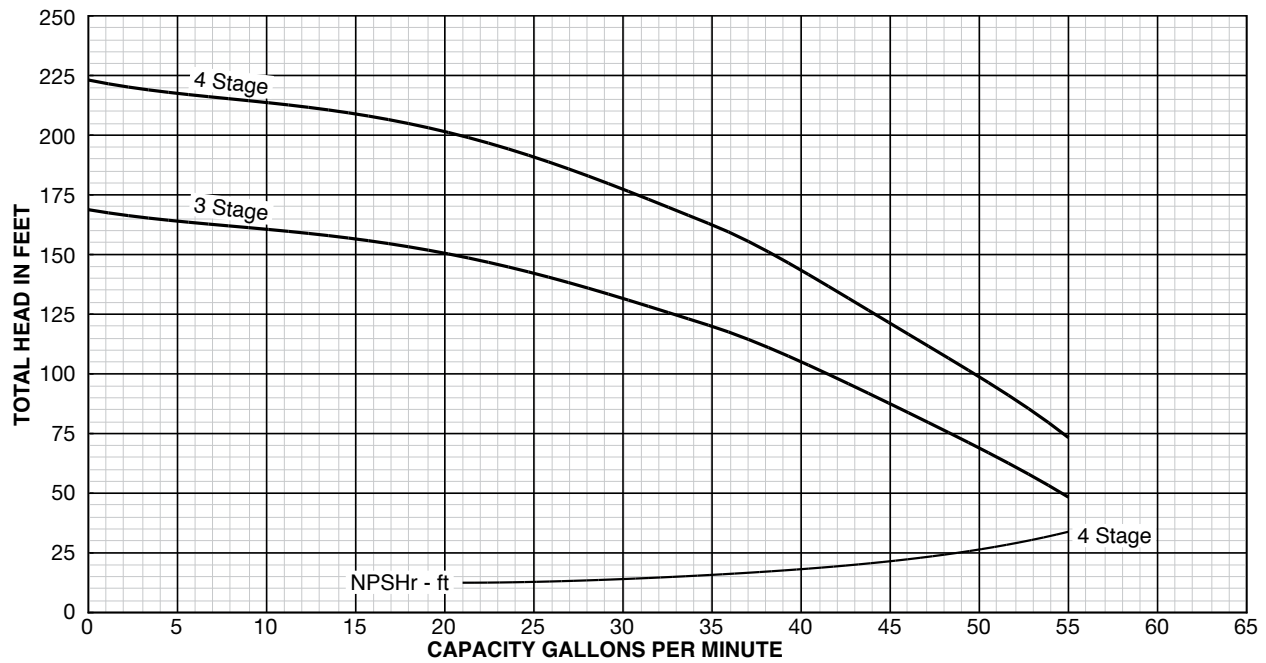
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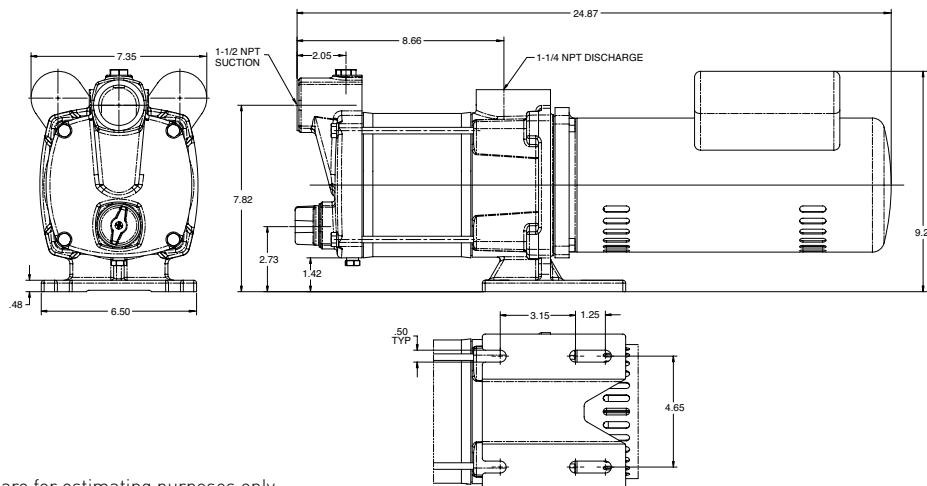
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PUMP PERFORMANCE

NOMINAL RPM: 3450, BASED ON FRESH WATER @ 68°F, MAXIMUM WORKING PRESSURE: 175 PSI



OUTLINE DIMENSIONS



Dimensions (in inches) are for estimating purposes only.



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 Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.