# STA-RITE® PRO-Storm® DSS Series

Multi-stage



The Pro-Storm™ multi-stage series of sprinkler 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**

Residential and commercial turf irrigation Residential water systems Shower and washing systems Water transfer Heating and air conditioning systems Water features and fountains

#### **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	Stages	HP	Pipe Tapping Sizes		Motor Voltage	Approx. Wt.
	Number			Suction	Discharge	Motor Voltage	Lbs.
	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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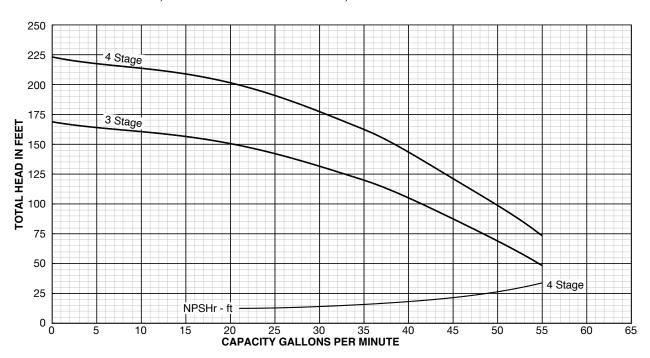


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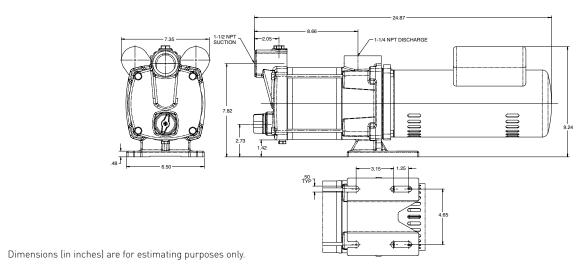
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## PUMP PERFORMANCE

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



### **OUTLINE DIMENSIONS**





US: 293 WRIGHT STREET, DELAVAN, WI 53115 WWW.STA-RITE.COM PH: 888-782-7483 ORDERS FAX: 800-426-9446
CANADA: 490 PINEBUSH ROAD, UNIT 4, CAMBRIDGE, ONTARIO NIT 0A5 PH: 800-363-7867 ORDERS FAX: 888-606-5484
Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.