

STA-RITE® HS Series Signature 2000®

Stainless Steel



POWERED BY
PENTEK®



Precision-engineered, high-quality, rugged Signature 2000® Stainless Steel Series Pumps deliver efficient, dependable performance even in rough, aggressive water. Heads to 1,950 feet and capacities to 65 GPM. Built to deliver long-term, trouble-free service. Floating impeller design resists sand and reduces sand locking. These pumps feature the proven SignaSeal™ staging system.

APPLICATIONS

Water systems...for residential, industrial, commercial, multiple housing and farm use.

SPECIFICATIONS

Shell: Stainless steel

Diameter: 3-7/8"

Discharge: Stainless steel

Discharge Bearing: Nylatron®

Intermediate Bearing: (On larger units) polycarbonate, nitrile rubber and stainless steel

Impellers: Acetal

Diffusers: Polycarbonate

Suction Caps: Polycarbonate with stainless steel insert

Thrust Pads: Proprietary spec.

Shaft and Coupling: Stainless steel

Intake: Stainless steel

Intake Screen: Polypropylene

Cable Guard: Stainless steel

Check Valve: Acetal†

Agency Listings: CSA

FEATURES

Proven Staging System: Our proven SignaSeal staging system incorporates a harder-than-sand ceramic wear surface that when incorporated with our floating impeller design, greatly reduces problems with abrasives, sand lock-up and running dry.

Discharge: Corrosion-resistant 300 grade stainless steel for durability in aggressive water. Large octagon wrench area for ease of installation.

Discharge Bearing: Self-lubricating Nylatron bearing resists wear from sand.

Intake: Corrosion-resistant 300 grade stainless steel for durability in aggressive water.

Shaft: Positive drive from 7/16" hexagonal heavy-duty 300 grade stainless steel.

Coupling: Stainless steel press fit to pump shaft. Couples to all standard NEMA motors.

Shell: Highest grade, heavy-walled corrosion-resistant stainless steel. Threaded for easy servicing.

Hardware: All screws, washers and nuts are corrosion-resistant 300 grade stainless steel.

Check Valve: Durable internal spring-loaded check valve.

Cable Guard: Corrosion-resistant stainless steel guard protects motor leads. Tapered ends prevent pump from catching on well.

Intake Screen: Corrosion-proof.

Pentek® XE Series™ Motor: 2 and 3 wire NEMA standard all stainless construction water-filled motors.

†Except where noted.

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| ORDERING INFORMATION | | | | | | | | | | | | | | | |
|----------------------|------------|-------|-------|-----|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| GPM | MOTOR TYPE | HP | STGS. | PH† | VOLT | ASSEMBLED PUMP | | | PUMP END | | | MOTOR | | CONTROL BOX | |
| | | | | | | CATALOG NUMBER | LENGTH INCHES* | WEIGHT POUNDS* | CATALOG NUMBER | LENGTH INCHES* | WEIGHT POUNDS* | CATALOG NUMBER | WEIGHT POUNDS* | CATALOG NUMBER | WEIGHT POUNDS* |
| 10** | 2 WIRE | 1/2 | 8 | 1 | 115 | S10P4HS05121 | 23 | 28 | L10P4CH | 13 | 9 | P42B0005A1 | 19 | | |
| | | 1/2 | 8 | 1 | 230 | S10P4HS05221 | 23 | 28 | L10P4CH | 13 | 9 | P42B0005A2 | 19 | | |
| | | 3/4 | 11 | 1 | 230 | S10P4HS07221 | 26 | 31 | L10P4DH | 15 | 10 | P42B0007A2 | 23 | | |
| | | 1 | 13 | 1 | 230 | S10P4HS10221 | 29 | 35 | L10P4EH | 17 | 11 | P42B0010A2 | 25 | | |
| | | 1-1/2 | 17 | 1 | 230 | S10P4HS15221 | 35 | 42 | L10P4FH | 20 | 12 | P42B0015A2 | 29 | | |
| | 3 WIRE | 1/2 | 7 | 1 | 115 | S10P4HS05131 | 22-3/4 | 27-1/2 | L10P4CH | 12-3/4 | 9 | P43B0005A1 | 19 | SMC-IR0511 | 4 |
| | | 1/2 | 8 | 1 | 230 | S10P4HS05231 | 23 | 28 | L10P4CH | 13 | 9 | P43B0005A2 | 19 | SMC-CR0521 | 4 |
| | | 3/4 | 11 | 1 | 230 | S10P4HS07231 | 26 | 31 | L10P4DH | 15 | 10 | P43B0007A2 | 21 | SMC-CR0721 | 4 |
| | | 1 | 13 | 1 | 230 | S10P4HS10231 | 29 | 35 | L10P4EH | 17 | 11 | P43B0010A2 | 23 | SMC-CR1021 | 4 |
| | | 1-1/2 | 17 | 1 | 230 | S10P4HS15231 | 34 | 42 | L10P4FH | 20 | 12 | P43B0015A2 | 27 | SMC-CR1521 | 7 |
| | | 1-1/2 | 17 | 3 | 230 | | | | L10P4FH | 19-3/4 | 12-1/2 | P43B0015A3 | 23 | | |
| | | 1-1/2 | 17 | 3 | 460 | | | | L10P4FH | 19-3/4 | 12-1/2 | P43B0015A4 | 23 | | |
| | | 2 | 22 | 1 | 230 | | | | L10P4GH | 22 | 13-3/4 | P43B0020A2 | 31 | SMC-CR2021 | 7 |
| | | 2 | 22 | 3 | 230 | | | | L10P4GH | 22 | 13-3/4 | P43B0020A3 | 23 | | |
| | | 2 | 22 | 3 | 460 | | | | L10P4GH | 22 | 13-3/4 | P43B0020A4 | 23 | | |
| | | 3 | 30 | 1 | 230 | | | | L10P4HH | 22 | 16-3/4 | P43B0030A2 | 40 | SMC-CR3021 | 8 |
| | | 3 | 30 | 3 | 230 | | | | L10P4HH | 28 | 16-3/4 | P43B0030A3 | 32 | | |
| | | 3 | 30 | 3 | 460 | | | | L10P4HH | 28 | 16-3/4 | P43B0030A4 | 32 | | |
| | | 5 | 50 | 1 | 230 | | | | L10P4JH | 43-1/2 | 25-1/2 | P43B0050A2 | 70 | SMC-CR5021 | 12 |
| | | 5 | 50 | 3 | 230 | | | | L10P4JH | 43-1/2 | 25-1/2 | P43B0050A3 | 55 | | |
| 5 | 50 | 3 | 460 | | | | L10P4JH | 43-1/2 | 25-1/2 | P43B0050A4 | 55 | | | | |
| 15** | 2 WIRE | 1/2 | 6 | 1 | 115 | S15P4HS05121 | 23 | 27 | L15P4CH | 13 | 9 | P42B0005A1 | 19 | | |
| | | 1/2 | 6 | 1 | 230 | S15P4HS05221 | 23 | 27 | L15P4CH | 13 | 9 | P42B0005A2 | 19 | | |
| | | 3/4 | 8 | 1 | 230 | S15P4HS07221 | 26 | 31 | L15P4DH | 15 | 10 | P42B0007A2 | 23 | | |
| | | 1 | 10 | 1 | 230 | S15P4HS10221 | 30 | 35 | L15P4EH | 17 | 11 | P42B0010A2 | 25 | | |
| | | 1-1/2 | 12 | 1 | 230 | S15P4HS15221 | 36 | 43 | L15P4FH | 21 | 13 | P42B0015A2 | 29 | | |
| | 3 WIRE | 1/2 | 5 | 1 | 115 | S15P4HS05131 | 22-1/4 | 27 | L15P4CH | 12-1/4 | 9 | P43B0005A1 | 19 | SMC-IR0511 | 4 |
| | | 1/2 | 6 | 1 | 230 | S15P4HS05231 | 23 | 27 | L15P4CH | 13 | 9 | P43B0005A2 | 19 | SMC-CR0521 | 4 |
| | | 3/4 | 8 | 1 | 230 | S15P4HS07231 | 26 | 31 | L15P4DH | 15 | 10 | P43B0007A2 | 23 | SMC-CR0721 | 4 |
| | | 1 | 10 | 1 | 230 | S15P4HS10231 | 30 | 35 | L15P4EH | 17 | 11 | P43B0010A2 | 25 | SMC-CR1021 | 4 |
| | | 1-1/2 | 12 | 1 | 230 | S15P4HS15231 | 34 | 41 | L15P4FH | 21 | 13 | P43B0015A2 | 29 | SMC-CR1521 | 7 |
| | | 1-1/2 | 12 | 3 | 230 | | | | L15P4FH | 20-1/4 | 13 | P43B0015A3 | 23 | | |
| | | 1-1/2 | 12 | 3 | 460 | | | | L15P4FH | 20-1/4 | 13 | P43B0015A4 | 23 | | |
| | | 2 | 15 | 1 | 230 | | | | L15P4GH | 23-1/2 | 15 | P43B0020A2 | 31 | SMC-CR2021 | 7 |
| | | 2 | 15 | 3 | 230 | | | | L15P4GH | 23-1/2 | 15 | P43B0020A3 | 23 | | |
| | | 2 | 15 | 3 | 460 | | | | L15P4GH | 23-1/2 | 15 | P43B0020A4 | 23 | | |
| | | 3 | 22 | 1 | 230 | | | | L15P4HH | 31-1/4 | 18 | P43B0030A2 | 40 | SMC-CR3021 | 7 |
| | | 3 | 22 | 3 | 230 | | | | L15P4HH | 31-1/4 | 18 | P43B0030A3 | 32 | | |
| | | 3 | 22 | 3 | 460 | | | | L15P4HH | 31-1/4 | 18 | P43B0030A4 | 32 | | |

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

**For 10 GPM, 15 GPM and 20 GPM discharge is 1-1/4" NPT.

***For 30 GPM and 50 GPM discharge is 2" NPT.

NOTE: On 2 HP and larger – Pump, Motor, Control Box or Magnetic Starter must be ordered separately.

†Check Valve not included on 5 HP, 7-1/2 HP and 10 HP models. Check Valve not included on 50 GPM models.

TrimLine™ version maximum outside diameter is 3-3/4". Standard version maximum outside diameter on all models is 3-7/8".

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| ORDERING INFORMATION | | | | | | | | | | | | | | | |
|----------------------|------------|-------|-------|-----|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| GPM | MOTOR TYPE | HP | STGS. | PH† | VOLT | ASSEMBLED PUMP | | | PUMP END | | | MOTOR | | CONTROL BOX | |
| | | | | | | CATALOG NUMBER | LENGTH INCHES* | WEIGHT POUNDS* | CATALOG NUMBER | LENGTH INCHES* | WEIGHT POUNDS* | CATALOG NUMBER | WEIGHT POUNDS* | CATALOG NUMBER | WEIGHT POUNDS* |
| 20** | 2 WIRE | 3/4 | 6 | 1 | 230 | S20P4HS07221 | 24 | 30 | L20P4DH | 13 | 9 | P42B0007A2 | 23 | | |
| | | 1 | 7 | 1 | 230 | S20P4HS10221 | 28 | 34 | L20P4EH | 15 | 10 | P42B0010A2 | 25 | | |
| | | 1-1/2 | 10 | 1 | 230 | S20P4HS15221 | 32 | 39 | L20P4FH | 17 | 11 | P42B0015A2 | 29 | | |
| | 3 WIRE | 3/4 | 6 | 1 | 230 | S20P4HS07231 | 24 | 30 | L20P4DH | 13 | 9 | P43B0007A2 | 23 | SMC-CR0721 | 5 |
| | | 1 | 7 | 1 | 230 | S20P4HS10231 | 28 | 34 | L20P4EH | 15 | 10 | P43B0010A2 | 25 | SMC-CR1021 | 5 |
| | | 1-1/2 | 10 | 1 | 230 | S20P4HS15231 | 31 | 39 | L20P4FH | 17 | 11 | P43B0015A2 | 29 | SMC-CR1521 | 7 |
| | | 1-1/2 | 9 | 3 | 230 | | | | L20P4FH | 16-3/4 | 10-3/4 | P43B0015A3 | 23 | | |
| | | 1-1/2 | 9 | 3 | 460 | | | | L20P4FH | 16-3/4 | 10-3/4 | P43B0015A4 | 23 | | |
| | | 2 | 12 | 1 | 230 | | | | L20P4GH | 20-1/4 | 12-1/2 | P43B0020A2 | 31 | SMC-CR2021 | 7 |
| | | 2 | 12 | 3 | 230 | | | | L20P4GH | 20-1/4 | 12-1/2 | P43B0020A3 | 32 | | |
| | | 2 | 12 | 3 | 460 | | | | L20P4GH | 20-1/4 | 12-1/2 | P43B0020A4 | 32 | | |
| | | 3 | 17 | 1 | 230 | | | | L20P4HH | 25-3/4 | 15 | P43B0030A2 | 40 | SMC-CR3021 | 7 |
| | | 3 | 17 | 3 | 230 | | | | L20P4HH | 25-3/4 | 15 | P43B0030A3 | 32 | | |
| | | 3 | 17 | 3 | 460 | | | | L20P4HH | 25-3/4 | 15 | P43B0030A4 | 32 | | |
| | | 5 | 28 | 1 | 230 | | | | L20P4JH | 38 | 21 | P43B0050A2 | 70 | SMC-CR5021 | 8 |
| | | 5 | 28 | 3 | 230 | | | | L20P4JH | 38 | 21 | P43B0050A3 | 55 | | |
| | | 5 | 28 | 3 | 460 | | | | L20P4JH | 38 | 21 | P43B0050A4 | 55 | | |
| | | 7-1/2 | 40 | 3 | 230 | | | | L20P4KH | 53-3/4 | 30 | P43B0075A3 | 70 | | |
| | | 7-1/2 | 40 | 3 | 460 | | | | L20P4KH | 53-3/4 | 30 | P43B0075A4 | 70 | | |
| | | 10 | 54 | 3 | 460 | | | | L20P4LH | 71 | 41 | P43B0100A4 | 78 | | |
| 30*** | 2 WIRE | 1 | 5 | 1 | 230 | S30P4HS10221 | 26-1/2 | 35 | L30P4EH | 14 | 9-3/4 | P42B0010A2 | 25 | | |
| | | 1-1/2 | 6 | 1 | 230 | S30P4HS15221 | 30-1/2 | 39 | L30P4FH | 15-1/4 | 10-3/4 | P42B0015A2 | 29 | | |
| | 3 WIRE | 1 | 5 | 1 | 230 | S30P4HS10231 | 26-1/2 | 35 | L30P4EH | 14 | 10 | P43B0010A2 | 25 | SMC-CR1021 | 5 |
| | | 1-1/2 | 6 | 1 | 230 | S30P4HS15231 | 29 | 39 | L30P4FH | 15-1/4 | 11 | P43B0015A2 | 29 | SMC-CR-1521 | 7 |
| | | 1-1/2 | 6 | 3 | 230 | | | | L30P4FH | 15-1/4 | 11 | P43B0015A3 | 23 | | |
| | | 1-1/2 | 6 | 3 | 460 | | | | L30P4FH | 15-1/4 | 11 | P43B0015A4 | 23 | | |
| | | 2 | 8 | 1 | 230 | | | | L30P4GH | 18-1/4 | 12 | P43B0020A2 | 31 | SMC-CR2021 | 7 |
| | | 2 | 8 | 3 | 230 | | | | L30P4GH | 18-1/4 | 12 | P43B0020A3 | 23 | | |
| | | 2 | 8 | 3 | 460 | | | | L30P4GH | 18-1/4 | 12 | P43B0020A4 | 23 | | |
| | | 3 | 12 | 1 | 230 | | | | L30P4HH | 24 | 15 | P43B0030A2 | 40 | SMC-CR3021 | 7 |
| | | 3 | 12 | 3 | 230 | | | | L30P4HH | 24 | 15 | P43B0030A3 | 32 | | |
| | | 3 | 12 | 3 | 460 | | | | L30P4HH | 24 | 15 | P43B0030A4 | 32 | | |
| | | 5 | 20 | 1 | 230 | | | | L30P4JH | 35-3/4 | 20 | P43B0050A2 | 70 | SMC-CR5021 | 8 |
| | | 5 | 20 | 3 | 230 | | | | L30P4JH | 35-3/4 | 20 | P43B0050A3 | 55 | | |
| | | 5 | 20 | 3 | 460 | | | | L30P4JH | 35-3/4 | 20 | P43B0050A4 | 55 | | |
| | | 7-1/2 | 28 | 3 | 230 | | | | L30P4KH | 50 | 27 | P43B0075A3 | 70 | | |
| | | 7-1/2 | 28 | 3 | 460 | | | | L30P4KH | 50 | 27 | P43B0075A4 | 70 | | |
| 10 | 38 | 3 | 460 | | | | L30P4LH | 65-1/2 | 35 | P43B0100A4 | 70 | | | | |

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

**For 10 GPM, 15 GPM and 20 GPM discharge is 1-1/4" NPT.

***For 30 GPM and 50 GPM discharge is 2" NPT.

NOTE: On 2 HP and larger – Pump, Motor, Control Box or Magnetic Starter must be ordered separately.

†Check Valve not included on 5 HP, 7-1/2 HP and 10 HP models. Check Valve not included on 50 GPM models.

TrimLine™ version maximum outside diameter is 3-3/4". Standard version maximum outside diameter on all models is 3-7/8".

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| ORDERING INFORMATION | | | | | | | | | | | | |
|----------------------|------------|-------|-------|---------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| GPM | MOTOR TYPE | HP | STGS. | PH† | VOLT | PUMP END | | | MOTOR | | CONTROL BOX | |
| | | | | | | CATALOG NUMBER | LENGTH INCHES* | WEIGHT POUNDS* | CATALOG NUMBER | WEIGHT POUNDS* | CATALOG NUMBER | WEIGHT POUNDS* |
| 50*** | 2 WIRE | 1-1/2 | 4 | 1 | 230 | L50P4FH | 15-1/4 | 10 | P42B0015A2 | 29 | | |
| | 3 WIRE | 1-1/2 | 4 | 1 | 230 | L50P4FH | 15-1/4 | 10 | P43B0015A2 | 27 | SMC-CR1521 | 7 |
| | | 1-1/2 | 4 | 3 | 230 | L50P4FH | 15-1/4 | 10 | P43B0015A3 | 23 | | |
| | | 1-1/2 | 4 | 3 | 460 | L50P4FH | 15-1/4 | 10 | P43B0015A4 | 23 | | |
| | | 2 | 6 | 1 | 230 | L50P4GH | 19-1/4 | 12 | P43B0020A2 | 31 | SMC-CR2021 | 7 |
| | | 2 | 6 | 3 | 230 | L50P4GH | 19-1/4 | 12 | P43B0020A3 | 27 | | |
| | | 2 | 6 | 3 | 460 | L50P4GH | 19-1/4 | 12 | P43B0020A4 | 27 | | |
| | | 3 | 8 | 1 | 230 | L50P4HH | 23-1/4 | 15 | P43B0030A2 | 40 | SMC-CR3021 | 7 |
| | | 3 | 8 | 3 | 230 | L50P4HH | 23-1/4 | 15 | P43B0030A3 | 32 | | |
| | | 3 | 8 | 3 | 460 | L50P4HH | 23-1/4 | 15 | P43B0030A4 | 32 | | |
| | | 5 | 13 | 1 | 230 | L50P4JH | 33-1/2 | 20 | P43B0050A2 | 70 | SMC-CR5021 | 8 |
| | | 5 | 13 | 3 | 230 | L50P4JH | 33-1/2 | 20 | P43B0050A3 | 55 | | |
| | | 5 | 13 | 3 | 460 | L50P4JH | 33-1/2 | 20 | P43B0050A4 | 55 | | |
| | | 7-1/2 | 20 | 3 | 230 | L50P4KH | 47-1/2 | 25 | P43B0075A3 | 70 | | |
| | | 7-1/2 | 20 | 3 | 460 | L50P4KH | 47-1/2 | 25 | P43B0075A4 | 70 | | |
| 10 | 25 | 3 | 460 | L50P4LH | 57-3/4 | 35 | P43B0100A4 | 70 | | | | |

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

**For 10 GPM, 15 GPM and 20 GPM discharge is 1-1/4" NPT.

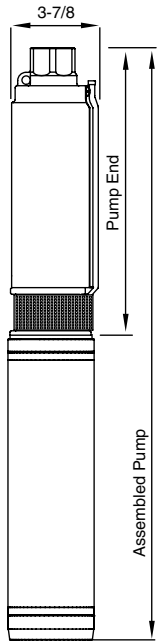
***For 30 GPM and 50 GPM discharge is 2" NPT.

NOTE: Pump, Motor, Control Box or Magnetic Starter must be ordered separately.
Check Valve not included on 50 GPM models.

STA-RITE® HS Series Signature 2000®

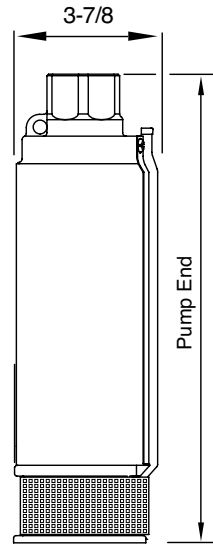
Stainless Steel

OUTLINE DIMENSIONS: 10, 15 AND 20 GPM



| DISCHARGE | |
|-----------|------------|
| 10 GPM | 1-1/4" NPT |
| 15 GPM | 1-1/4" NPT |
| 20 GPM | 1-1/4" NPT |

OUTLINE DIMENSIONS: 30 AND 50 GPM

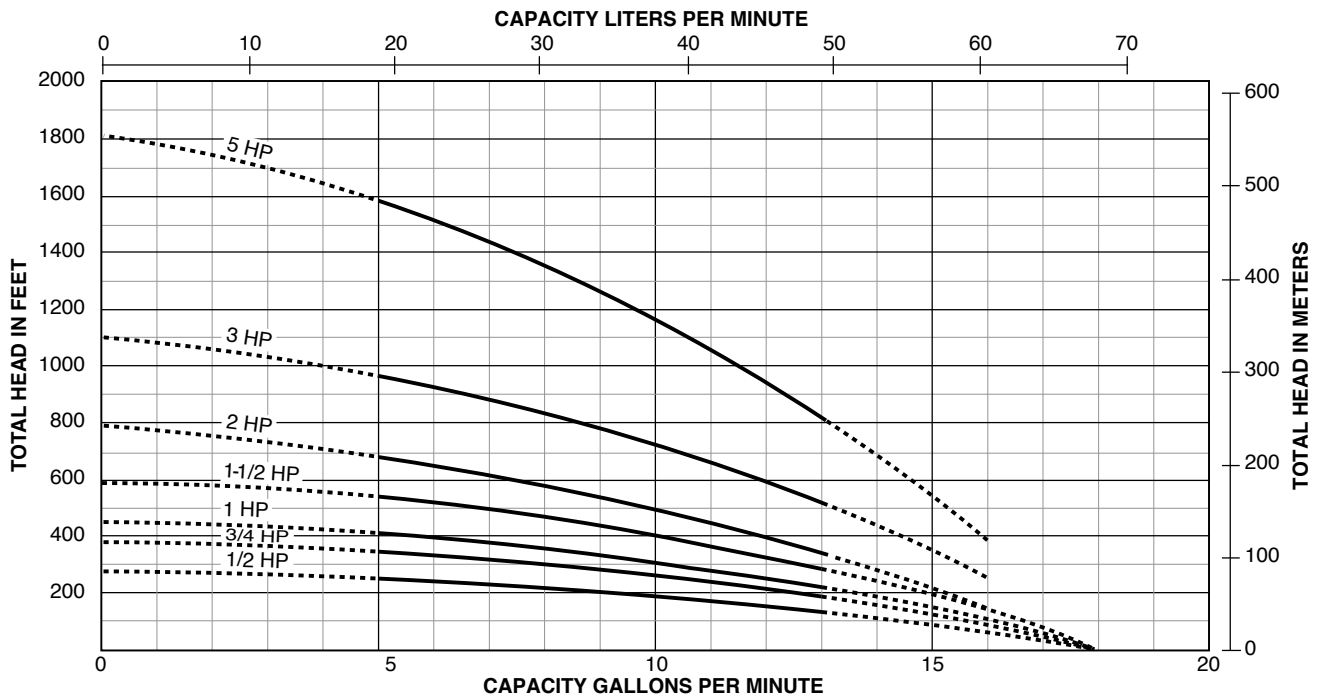


| DISCHARGE | |
|-----------|--------|
| 30 GPM | 2" NPT |
| 50 GPM | 2" NPT |

For lengths, refer to Ordering Information tables.
Dimensions (in inches) are for estimating purposes only.

Pump diameter is 3-7/8".
For lengths, refer to Ordering Information tables.
Dimensions (in inches) are for estimating purposes only.

PUMP PERFORMANCE: 10 GPM



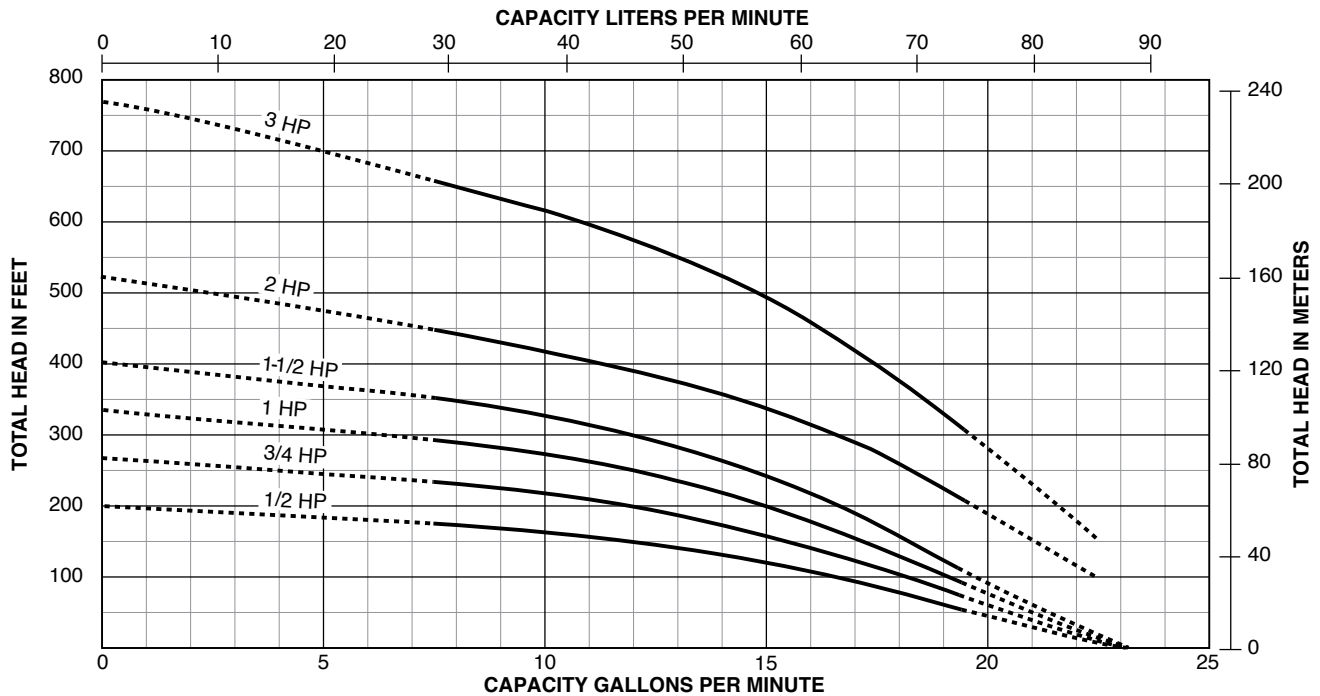
Tested and rated in accordance with Water Systems Council Standards.

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.

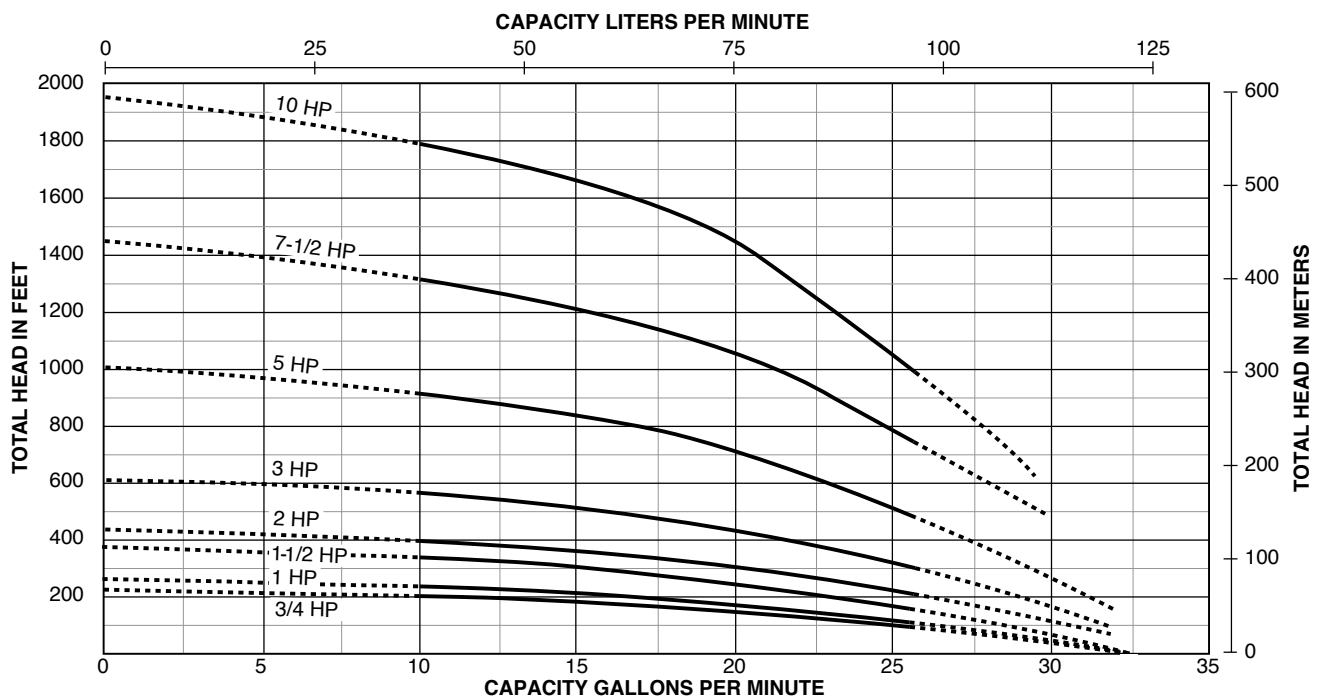
STA-RITE® HS Series Signature 2000®

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PUMP PERFORMANCE: 15 GPM



PUMP PERFORMANCE: 20 GPM



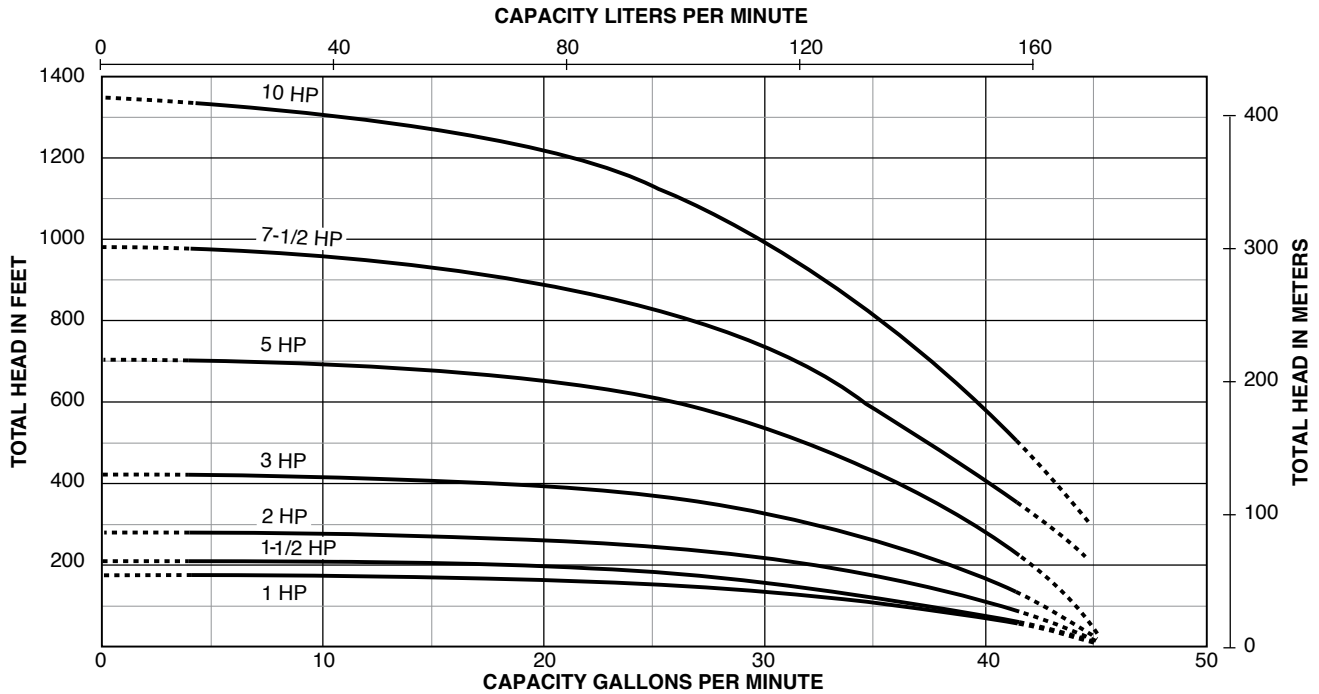
Tested and rated in accordance with Water Systems Council Standards.

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.

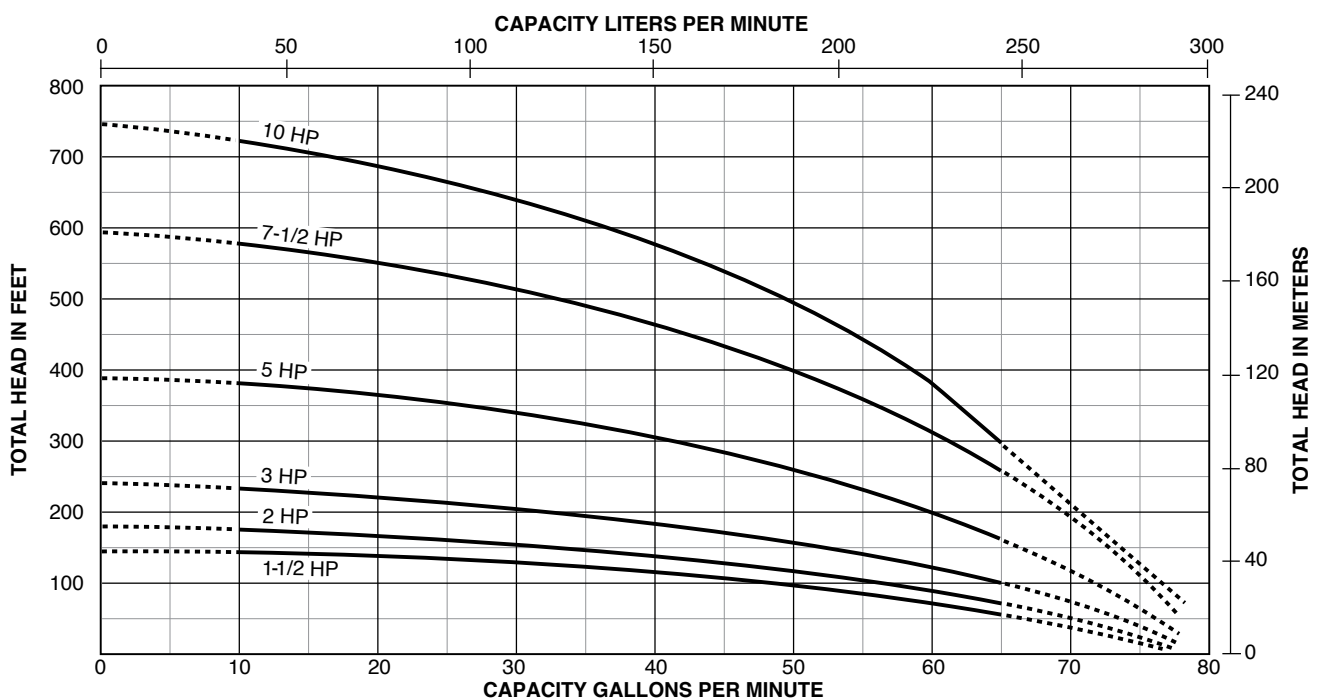
STA-RITE® HS Series Signature 2000®

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PUMP PERFORMANCE: 30 GPM



PUMP PERFORMANCE: 50 GPM



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.

STA-RITE[®] HS Series Signature 2000[®]

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| 10 GALLONS PER MINUTE | | | | | PUMP PERFORMANCE (Capacity in gallons per minute) | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----|-----------------------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|---------------|------|------|---------------|------|-----|-----|-----|-----|------|------|-----|-----|-----|
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | | | | SHUT-OFF HEAD | | | | | | | | | | |
| | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 450 | 500 | 550 | FEET | PSI | | | |
| 1/2 | 0 | - | - | - | - | - | 14.7 | 13.8 | 12.9 | 11.8 | 10.7 | 9.4 | 8.0 | 6.3 | 4.1 | | | | | | | | | | | | | | 278 | 120 |
| | 20 | - | - | - | 14.4 | 13.5 | 12.5 | 11.5 | 10.3 | 9.0 | 7.5 | 5.7 | 3.2 | | | | | | | | | | | | | | | | | |
| | 30 | - | - | 14.3 | 13.4 | 12.4 | 11.3 | 10.1 | 8.8 | 7.3 | 5.4 | 2.7 | | | | | | | | | | | | | | | | | | |
| | 40 | - | 14.2 | 13.2 | 12.2 | 11.1 | 9.9 | 8.6 | 7.0 | 5.1 | 2.0 | | | | | | | | | | | | | | | | | | | |
| | 50 | 14.0 | 13.1 | 12.1 | 11.0 | 9.7 | 8.4 | 6.8 | 4.7 | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 12.9 | 11.9 | 10.8 | 9.5 | 8.1 | 6.5 | 4.3 | | | | | | | | | | | | | | | | | | | | | | |
| | 70 | 11.7 | 10.6 | 9.3 | 7.9 | 6.2 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | |
| | 80 | 10.4 | 9.1 | 7.7 | 5.9 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/4 | 0 | - | - | - | - | - | - | 14.6 | 14.0 | 13.3 | 12.6 | 11.8 | 11.0 | 10.1 | 9.2 | 8.2 | 7.0 | 5.6 | 3.9 | | | | | | | | | 382 | 165 | |
| | 20 | - | - | - | - | - | 14.4 | 13.8 | 13.1 | 12.3 | 11.6 | 10.7 | 9.9 | 8.9 | 7.8 | 6.6 | 5.1 | 3.2 | | | | | | | | | | | | |
| | 30 | - | - | - | 15.0 | 14.3 | 13.7 | 13.0 | 12.2 | 11.5 | 10.6 | 9.7 | 8.7 | 7.6 | 6.4 | 4.9 | 2.8 | | | | | | | | | | | | | |
| | 40 | - | - | 14.9 | 14.2 | 13.6 | 12.9 | 12.1 | 11.3 | 10.5 | 9.6 | 8.6 | 7.5 | 6.2 | 4.6 | 2.4 | | | | | | | | | | | | | | |
| | 50 | 15.4 | 14.8 | 14.1 | 13.5 | 12.7 | 12.0 | 11.2 | 10.3 | 9.4 | 8.4 | 7.3 | 6.0 | 4.3 | | | | | | | | | | | | | | | | |
| | 60 | 14.7 | 14.0 | 13.3 | 12.6 | 11.9 | 11.1 | 10.2 | 9.3 | 8.2 | 7.1 | 5.7 | 4.0 | | | | | | | | | | | | | | | | | |
| | 70 | 13.9 | 13.2 | 12.5 | 11.8 | 10.9 | 10.1 | 9.1 | 8.1 | 6.9 | 5.5 | 3.7 | | | | | | | | | | | | | | | | | | |
| | 80 | 13.1 | 12.4 | 11.6 | 10.8 | 9.9 | 9.0 | 7.9 | 6.7 | 5.3 | 3.4 | | | | | | | | | | | | | | | | | | | |
| 1 | 0 | - | - | - | - | - | - | - | 14.8 | 14.2 | 13.7 | 13.1 | 12.5 | 11.8 | 11.1 | 10.4 | 9.6 | 8.8 | 7.9 | 6.9 | 5.7 | | | | | | | 452 | 195 | |
| | 20 | - | - | - | - | - | - | 14.6 | 14.1 | 13.5 | 12.9 | 12.3 | 11.6 | 10.9 | 10.2 | 9.4 | 8.5 | 7.6 | 6.6 | 5.3 | 3.8 | | | | | | | | | |
| | 30 | - | - | - | - | - | 14.5 | 14.0 | 13.4 | 12.8 | 12.2 | 11.5 | 10.8 | 10.1 | 9.3 | 8.4 | 7.5 | 6.4 | 5.1 | 3.5 | | | | | | | | | | |
| | 40 | - | - | - | 15.0 | 14.5 | 13.9 | 13.3 | 12.7 | 12.1 | 11.4 | 10.7 | 9.9 | 9.1 | 8.3 | 7.3 | 6.2 | 4.9 | 3.2 | | | | | | | | | | | |
| | 50 | - | - | 14.9 | 14.4 | 13.8 | 13.2 | 12.6 | 12.0 | 11.3 | 10.6 | 9.8 | 9.0 | 8.1 | 7.1 | 6.0 | 4.7 | 2.9 | | | | | | | | | | | | |
| | 60 | - | 14.8 | 14.3 | 13.7 | 13.1 | 12.5 | 11.9 | 11.2 | 10.5 | 9.7 | 8.9 | 8.0 | 7.0 | 5.8 | 4.4 | 2.6 | | | | | | | | | | | | | |
| | 70 | 14.7 | 14.2 | 13.6 | 13.0 | 12.4 | 11.8 | 11.1 | 10.4 | 9.6 | 8.7 | 7.8 | 6.8 | 5.6 | 4.2 | 2.2 | | | | | | | | | | | | | | |
| | 80 | 14.1 | 13.5 | 12.9 | 12.3 | 11.7 | 11.0 | 10.2 | 9.5 | 8.6 | 7.7 | 6.6 | 5.4 | 3.9 | | | | | | | | | | | | | | | | |
| 1-1/2 | 0 | - | - | - | - | - | - | - | - | - | 15.0 | 14.6 | 14.1 | 13.7 | 13.3 | 12.8 | 12.3 | 11.8 | 11.3 | 10.8 | 10.2 | 8.6 | 6.8 | 4.3 | | | 590 | 256 | | |
| | 20 | - | - | - | - | - | - | - | - | 14.9 | 14.4 | 14.0 | 13.6 | 13.1 | 12.6 | 12.2 | 11.7 | 11.1 | 10.6 | 10.0 | 9.4 | 8.8 | 6.9 | 4.5 | | | | | | |
| | 30 | - | - | - | - | - | - | - | 14.8 | 14.4 | 13.9 | 13.5 | 13.0 | 12.6 | 12.1 | 11.6 | 11.1 | 10.5 | 9.9 | 9.3 | 8.7 | 8.0 | 5.9 | 2.9 | | | | | | |
| | 40 | - | - | - | - | - | 14.7 | 14.3 | 13.9 | 13.4 | 13.0 | 12.5 | 12.0 | 11.5 | 11.0 | 10.4 | 9.8 | 9.2 | 8.6 | 7.9 | 7.1 | 4.7 | | | | | | | | |
| | 50 | - | - | - | - | 14.7 | 14.2 | 13.8 | 13.4 | 12.9 | 12.4 | 11.9 | 11.4 | 10.9 | 10.3 | 9.7 | 9.1 | 8.5 | 7.7 | 7.0 | 6.1 | 3.2 | | | | | | | | |
| | 60 | - | - | 15.0 | 14.6 | 14.2 | 13.7 | 13.3 | 12.8 | 12.4 | 11.9 | 11.3 | 10.8 | 10.2 | 9.6 | 9.0 | 8.3 | 7.6 | 6.8 | 6.0 | 4.9 | | | | | | | | | |
| | 70 | - | 14.9 | 14.5 | 14.1 | 13.7 | 13.2 | 12.8 | 12.3 | 11.8 | 11.3 | 10.7 | 10.1 | 9.5 | 8.9 | 8.2 | 7.5 | 6.7 | 5.8 | 4.8 | 3.5 | | | | | | | | | |
| | 80 | - | 14.9 | 14.5 | 14.0 | 13.6 | 13.2 | 12.7 | 12.2 | 11.7 | 11.2 | 10.6 | 10.1 | 9.5 | 8.8 | 8.1 | 7.4 | 6.6 | 5.7 | 4.6 | 3.3 | | | | | | | | | |
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | | | | SHUT-OFF HEAD | | | | | | | | | | |
| | | 20 | 40 | 60 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | FEET | PSI | | |
| 2 | 0 | - | - | - | - | - | - | 14.9 | 14.6 | 14.0 | 13.3 | 12.7 | 12.0 | 11.1 | 10.2 | 9.2 | 8.0 | 6.6 | 5.1 | 3.1 | | | | | | | 806 | 349 | | |
| | 20 | - | - | - | - | 14.9 | 14.6 | 14.4 | 14.0 | 13.4 | 12.7 | 12.0 | 11.1 | 10.2 | 9.2 | 8.0 | 6.6 | 5.1 | 3.1 | | | | | | | | | | | |
| | 30 | - | - | - | - | 15.0 | 14.7 | 14.4 | 14.0 | 13.8 | 13.1 | 12.4 | 11.7 | 10.7 | 9.8 | 8.8 | 7.5 | 6.1 | 4.5 | 2.0 | | | | | | | | | | |
| | 40 | - | - | 14.9 | 14.6 | 14.4 | 14.2 | 13.8 | 13.3 | 12.8 | 12.1 | 11.3 | 10.2 | 9.2 | 8.0 | 6.6 | 5.1 | 3.1 | | | | | | | | | | | | |
| | 50 | - | 14.9 | 14.6 | 14.4 | 14.1 | 13.8 | 13.4 | 13.1 | 12.4 | 11.6 | 10.8 | 9.8 | 8.8 | 7.6 | 6.1 | 4.7 | 2.2 | | | | | | | | | | | | |
| | 60 | 15.1 | 14.9 | 14.6 | 14.4 | 14.1 | 13.8 | 13.4 | 13.1 | 12.8 | 12.1 | 11.3 | 10.3 | 9.5 | 8.3 | 6.9 | 5.3 | 3.7 | | | | | | | | | | | | |
| 3 | 0 | - | - | - | - | - | - | - | - | 14.7 | 14.3 | 13.8 | 13.3 | 12.8 | 12.3 | 11.8 | 11.0 | 10.2 | 9.5 | 8.7 | 7.6 | 6.4 | 5.3 | 4.1 | | | 1100 | 476 | | |
| | 20 | - | - | - | - | - | - | 15.2 | 14.7 | 14.3 | 13.8 | 13.3 | 12.8 | 12.3 | 11.8 | 11.0 | 10.2 | 9.5 | 8.7 | 7.6 | 6.4 | 5.3 | 4.1 | | | | | | | |
| | 30 | - | - | - | - | - | 14.7 | 15.0 | 14.5 | 14.1 | 13.6 | 13.1 | 12.6 | 12.1 | 11.4 | 10.7 | 10.0 | 9.2 | 8.2 | 7.1 | 6.0 | 4.9 | 3.3 | | | | | | | |
| | 40 | - | - | - | - | 15.2 | 15.0 | 14.7 | 14.3 | 13.8 | 13.3 | 12.8 | 12.3 | 11.8 | 11.0 | 10.2 | 9.5 | 8.7 | 7.6 | 6.4 | 5.3 | 4.1 | | | | | | | | |
| | 50 | - | - | - | 15.3 | 15.0 | 14.8 | 14.6 | 14.1 | 13.7 | 13.2 | 12.7 | 12.2 | 11.7 | 10.9 | 10.1 | 9.4 | 8.6 | 7.5 | 6.2 | 5.0 | 3.9 | | | | | | | | |
| | 60 | - | - | - | 15.3 | 15.0 | 14.8 | 14.6 | 14.4 | 13.9 | 13.4 | 12.9 | 12.4 | 11.9 | 11.2 | 10.4 | 9.7 | 8.8 | 7.9 | 6.6 | 5.5 | 4.3 | | | | | | | | |
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | SHUT-OFF HEAD | | | | | | | | | | | | | |
| | | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | FEET | PSI | | | | | | | | | | | |
| 5 | 0 | - | - | 15.3 | 14.6 | 14.2 | 13.5 | 12.9 | 12.3 | 11.6 | 10.8 | 9.9 | 8.9 | 7.7 | 6.3 | 4.9 | 2.9 | | | | | | | | | 1824 | 745 | | | |
| | 20 | - | - | 15.0 | 14.5 | 13.9 | 13.3 | 12.7 | 12.1 | 11.2 | 10.3 | 9.4 | 8.5 | 7.1 | 5.6 | 4.1 | | | | | | | | | | | | | | |
| | 30 | - | - | 14.9 | 14.3 | 13.8 | 13.1 | 12.5 | 11.9 | 11.1 | 10.2 | 9.2 | 8.2 | 6.7 | 5.2 | 3.7 | | | | | | | | | | | | | | |
| | 40 | - | - | 14.7 | 14.2 | 13.5 | 12.9 | 12.3 | 11.6 | 10.8 | 9.9 | 8.9 | 7.7 | 6.3 | 4.9 | 2.9 | | | | | | | | | | | | | | |
| | 50 | - | - | 14.6 | 14.1 | 13.4 | 12.8 | 12.2 | 11.5 | 10.7 | 9.8 | 8.8 | 7.5 | 6.1 | 4.7 | 2.7 | | | | | | | | | | | | | | |
| | 60 | - | 15.0 | 14.5 | 13.9 | 13.3 | 12.7 | 12.1 | 11.2 | 10.3 | 9.4 | 8.5 | 7.1 | 5.6 | 4.1 | | | | | | | | | | | | | | | |

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions. 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.

STA-RITE® HS Series Signature 2000®

Stainless Steel

| 15 GALLONS PER MINUTE | | | | | | | | | | | | | | | | | | PUMP PERFORMANCE (Capacity in gallons per minute) | | | | | | | | | | SHUT-OFF HEAD | |
|-----------------------|-------|-----------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|---------------|---------------|-----|------|-----|-----|-----|-----|---------------|-----|
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | | | | SHUT-OFF HEAD | | | | | | | | | |
| | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | FEET | PSI | | | | | |
| 1/2 | 0 | — | — | 20.5 | 19.2 | 17.8 | 16.3 | 14.7 | 12.8 | 10.5 | 7.5 | | | | | | | | | | | | | | 201 | 87 | | | |
| | 20 | 20.1 | 18.8 | 17.4 | 15.8 | 14.1 | 12.1 | 9.7 | 6.2 | | | | | | | | | | | | | | | | | | | | |
| | 30 | 18.6 | 17.1 | 15.6 | 13.8 | 11.8 | 9.2 | 5.5 | | | | | | | | | | | | | | | | | | | | | |
| | 40 | 16.9 | 15.3 | 13.5 | 11.4 | 8.8 | 4.6 | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 15.1 | 13.2 | 11.0 | 8.3 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 12.9 | 10.7 | 7.8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 70 | 10.3 | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 80 | 6.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/4 | 0 | — | — | — | 20.2 | 19.2 | 18.2 | 17.1 | 15.9 | 14.7 | 13.3 | 11.7 | 9.8 | 7.5 | 3.6 | | | | | | | | | | | | 269 | 116 |
| 20 | | 20.8 | 19.9 | 18.9 | 17.9 | 16.7 | 15.5 | 14.2 | 12.8 | 11.2 | 9.2 | 6.6 | | | | | | | | | | | | | | | | | |
| 30 | | 19.7 | 18.7 | 17.7 | 16.6 | 15.4 | 14.0 | 12.6 | 10.9 | 8.8 | 6.1 | | | | | | | | | | | | | | | | | | |
| 40 | | 18.6 | 17.5 | 16.4 | 15.2 | 13.8 | 12.3 | 10.6 | 8.5 | 5.5 | | | | | | | | | | | | | | | | | | | |
| 50 | | 17.3 | 16.2 | 15.0 | 13.6 | 12.1 | 10.3 | 8.1 | 4.8 | | | | | | | | | | | | | | | | | | | | |
| 60 | | 16.0 | 14.8 | 13.4 | 11.8 | 10.0 | 7.7 | 4.0 | | | | | | | | | | | | | | | | | | | | | |
| 70 | | 14.5 | 13.1 | 11.5 | 9.7 | 7.3 | 3.0 | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | 12.9 | 11.3 | 9.3 | 6.8 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | 0 | — | — | — | — | 20.4 | 19.6 | 18.7 | 17.8 | 16.9 | 15.9 | 14.8 | 13.6 | 12.3 | 10.9 | 9.3 | 7.3 | 4.5 | | | | | | | 336 | 145 | | |
| | 20 | — | 21.0 | 20.2 | 19.3 | 18.5 | 17.5 | 16.6 | 15.5 | 14.4 | 13.2 | 11.9 | 10.4 | 8.7 | 6.6 | 3.2 | | | | | | | | | | | | | |
| | 30 | 20.9 | 20.1 | 19.2 | 18.3 | 17.4 | 16.4 | 15.4 | 14.3 | 13.0 | 11.7 | 10.2 | 8.4 | 6.2 | 2.4 | | | | | | | | | | | | | | |
| | 40 | 19.9 | 19.1 | 18.2 | 17.3 | 16.3 | 15.2 | 14.1 | 12.8 | 11.5 | 9.9 | 8.1 | 5.7 | | | | | | | | | | | | | | | | |
| | 50 | 18.9 | 18.0 | 17.1 | 16.1 | 15.0 | 13.9 | 12.6 | 11.3 | 9.7 | 7.8 | 5.3 | | | | | | | | | | | | | | | | | |
| | 60 | 17.9 | 17.0 | 15.9 | 14.9 | 13.7 | 12.4 | 11.0 | 9.4 | 7.5 | 4.8 | | | | | | | | | | | | | | | | | | |
| | 70 | 16.8 | 15.8 | 14.7 | 13.5 | 12.2 | 10.8 | 9.1 | 7.1 | 4.2 | | | | | | | | | | | | | | | | | | | |
| | 80 | 15.6 | 14.5 | 13.3 | 12.0 | 10.6 | 8.8 | 6.7 | 3.6 | | | | | | | | | | | | | | | | | | | | |
| | 1-1/2 | 0 | — | — | — | — | 20.5 | 19.9 | 19.2 | 18.5 | 17.8 | 17.1 | 16.3 | 15.5 | 14.7 | 13.7 | 12.8 | 11.7 | 10.5 | 9.1 | 7.5 | 5.3 | | | | | | 403 | 174 |
| 20 | | — | 20.9 | 20.3 | 19.7 | 19.0 | 18.3 | 17.6 | 16.9 | 16.1 | 15.3 | 14.4 | 13.4 | 12.4 | 11.3 | 10.1 | 8.7 | 6.9 | 4.3 | | | | | | | | | | |
| 30 | | 20.8 | 20.2 | 19.6 | 18.9 | 18.2 | 17.5 | 16.7 | 16.0 | 15.1 | 14.2 | 13.3 | 12.3 | 11.2 | 9.9 | 8.4 | 6.6 | 3.8 | | | | | | | | | | | |
| 40 | | 20.1 | 19.5 | 18.8 | 18.1 | 17.4 | 16.6 | 15.8 | 15.0 | 14.1 | 13.1 | 12.1 | 11.0 | 9.7 | 8.2 | 6.2 | 3.0 | | | | | | | | | | | | |
| 50 | | 19.4 | 18.7 | 18.0 | 17.3 | 16.5 | 15.7 | 14.9 | 14.0 | 13.0 | 11.9 | 10.8 | 9.5 | 7.9 | 5.9 | 1.8 | | | | | | | | | | | | | |
| 60 | | 18.6 | 17.9 | 17.1 | 16.4 | 15.6 | 14.7 | 13.8 | 12.8 | 11.8 | 10.6 | 9.2 | 7.6 | 5.5 | | | | | | | | | | | | | | | |
| 70 | | 17.8 | 17.0 | 16.3 | 15.4 | 14.6 | 13.7 | 12.7 | 11.6 | 10.4 | 9.0 | 7.3 | 5.1 | | | | | | | | | | | | | | | | |
| 80 | | 16.9 | 16.1 | 15.3 | 14.4 | 13.5 | 12.5 | 11.4 | 10.2 | 8.8 | 7.0 | 4.6 | | | | | | | | | | | | | | | | | |
| HP | | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | | | | SHUT-OFF HEAD | | | | | | | | |
| | 20 | | 40 | 60 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | FEET | PSI | | | | | |
| 2 | 0 | — | — | — | — | — | — | 20.7 | 20.2 | 19.6 | 18.3 | 16.9 | 14.4 | 11.6 | 7.4 | 2.7 | | | | | | | | | 525 | 227 | | | |
| | 20 | — | — | — | 21.2 | 20.9 | 20.2 | 19.7 | 19.1 | 18.4 | 17.0 | 14.7 | 11.8 | 7.8 | 3.2 | | | | | | | | | | | | | | |
| | 30 | — | — | 21.2 | 20.8 | 20.3 | 19.7 | 19.1 | 18.5 | 17.9 | 16.1 | 13.5 | 10.2 | 5.5 | | | | | | | | | | | | | | | |
| | 40 | — | 21.1 | 20.6 | 20.2 | 19.8 | 19.2 | 18.6 | 17.9 | 17.1 | 14.9 | 12.0 | 8.1 | 3.4 | | | | | | | | | | | | | | | |
| | 50 | 21.1 | 20.6 | 20.1 | 19.7 | 19.2 | 18.6 | 17.9 | 17.1 | 16.2 | 13.6 | 10.8 | 6.0 | | | | | | | | | | | | | | | | |
| | 60 | 20.5 | 20.1 | 19.6 | 19.1 | 18.7 | 18.0 | 17.2 | 16.2 | 15.1 | 12.2 | 8.6 | 3.7 | | | | | | | | | | | | | | | | |
| 3 | 0 | — | — | — | — | — | — | — | — | 21.0 | 20.2 | 19.5 | 18.7 | 17.8 | 16.6 | 15.0 | 13.0 | 10.8 | 8.0 | 4.9 | 1.6 | | | | 770 | 333 | | | |
| | 20 | — | — | — | — | — | — | 21.1 | 20.8 | 20.3 | 19.5 | 18.8 | 17.9 | 16.7 | 15.1 | 13.2 | 11.1 | 8.3 | 5.2 | 1.9 | | | | | | | | | |
| | 30 | — | — | — | — | — | 21.2 | 20.8 | 20.3 | 19.9 | 19.2 | 18.3 | 17.4 | 16.1 | 14.3 | 12.2 | 10.4 | 7.0 | 3.5 | 3.6 | | | | | | | | | |
| | 40 | — | — | — | 21.6 | 21.2 | 20.9 | 20.4 | 19.9 | 19.6 | 18.8 | 18.0 | 16.8 | 15.2 | 13.4 | 11.2 | 8.4 | 5.4 | 2.1 | | | | | | | | | | |
| | 50 | — | — | 21.6 | 21.1 | 20.9 | 20.4 | 20.0 | 19.7 | 19.2 | 18.4 | 17.5 | 16.2 | 14.4 | 12.3 | 10.5 | 7.1 | 3.8 | | | | | | | | | | | |
| | 60 | — | 21.4 | 21.1 | 20.8 | 20.5 | 20.0 | 19.7 | 19.3 | 18.9 | 18.0 | 16.9 | 15.3 | 13.5 | 11.4 | 8.8 | 5.5 | | | | | | | | | | | | |

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions.

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.

STA-RITE® HS Series Signature 2000®

Stainless Steel

| 20 GALLONS PER MINUTE | | PUMP PERFORMANCE (Capacity in gallons per minute) | | | | | | | | | | | | | | | | | | | | SHUT-OFF HEAD | | | | | | | | |
|-----------------------|-----|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|------|------|-----|------|-----|--|--|--|
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | | | | | | FEET | PSI | | | | | | | |
| | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | | | 400 | | | | | | |
| 3/4 | 0 | — | — | — | — | 26.9 | 25.0 | 23.0 | 20.7 | 18.1 | 15.1 | 11.3 | 4.9 | | | | | | | | | | | | | 225 | 97 | | | |
| | 20 | — | — | 26.3 | 24.4 | 22.3 | 19.9 | 17.3 | 14.1 | 9.8 | | | | | | | | | | | | | | | | | | | | |
| | 30 | 27.9 | 26.1 | 24.1 | 21.9 | 19.6 | 16.8 | 13.5 | 9.0 | | | | | | | | | | | | | | | | | | | | | |
| | 40 | 25.8 | 23.8 | 21.6 | 19.2 | 16.4 | 12.9 | 8.0 | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 23.4 | 21.2 | 18.8 | 15.9 | 12.3 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 20.9 | 18.3 | 15.4 | 11.6 | 5.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 70 | 17.9 | 14.9 | 10.9 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 80 | 14.3 | 10.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0 | — | — | — | — | 27.9 | 26.4 | 24.7 | 23.0 | 21.0 | 18.9 | 16.5 | 13.6 | 10.0 | 2.8 | | | | | | | | | | | 262 | 114 | | | |
| | 20 | — | — | 27.5 | 25.9 | 24.2 | 22.4 | 20.4 | 18.2 | 15.7 | 12.6 | 8.5 | | | | | | | | | | | | | | | | | | |
| | 30 | — | 27.2 | 25.6 | 23.9 | 22.1 | 20.1 | 17.8 | 15.2 | 12.1 | 7.6 | | | | | | | | | | | | | | | | | | | |
| | 40 | 27.0 | 25.4 | 23.7 | 21.8 | 19.7 | 17.5 | 14.8 | 11.5 | 6.6 | | | | | | | | | | | | | | | | | | | | |
| | 50 | 25.1 | 23.4 | 21.5 | 19.4 | 17.1 | 14.3 | 10.9 | 5.5 | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 23.1 | 21.2 | 19.1 | 16.7 | 13.9 | 10.3 | 3.9 | | | | | | | | | | | | | | | | | | | | | | |
| | 70 | 20.9 | 18.7 | 16.3 | 13.4 | 9.6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 80 | 18.4 | 15.9 | 12.9 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-1/2 | 0 | — | — | — | — | — | — | 27.9 | 26.8 | 25.6 | 24.4 | 23.1 | 21.7 | 20.2 | 18.6 | 16.9 | 15.0 | 12.7 | 10.0 | 6.1 | | | | | | 375 | 162 | | | |
| | 20 | — | — | — | — | 27.5 | 26.4 | 25.2 | 24.0 | 22.6 | 21.3 | 19.8 | 18.1 | 16.3 | 14.3 | 12.0 | 9.0 | 4.1 | | | | | | | | | | | | |
| | 30 | — | — | — | 27.4 | 26.2 | 25.0 | 23.8 | 22.4 | 21.0 | 19.5 | 17.9 | 16.0 | 14.0 | 11.6 | 8.4 | 2.6 | | | | | | | | | | | | | |
| | 40 | — | — | 27.2 | 26.0 | 24.8 | 23.6 | 22.2 | 20.8 | 19.3 | 17.6 | 15.7 | 13.6 | 11.1 | 7.8 | | | | | | | | | | | | | | | |
| | 50 | — | 27.0 | 25.8 | 24.6 | 23.4 | 22.0 | 20.6 | 19.0 | 17.3 | 15.4 | 13.3 | 10.7 | 7.2 | | | | | | | | | | | | | | | | |
| | 60 | 26.8 | 25.7 | 24.4 | 23.2 | 21.8 | 20.3 | 18.8 | 17.0 | 15.1 | 12.9 | 10.2 | 6.5 | | | | | | | | | | | | | | | | | |
| | 70 | 25.5 | 24.2 | 23.0 | 21.6 | 20.1 | 18.5 | 16.8 | 14.8 | 12.5 | 9.7 | 5.6 | | | | | | | | | | | | | | | | | | |
| | 80 | 24.1 | 22.7 | 21.4 | 19.9 | 18.2 | 16.5 | 14.5 | 12.2 | 9.2 | 4.7 | | | | | | | | | | | | | | | | | | | |
| 2 | 0 | — | — | — | — | — | — | 27.3 | 26.0 | 23.2 | 20.2 | 16.2 | 8.5 | | | | | | | | | | | | | 450 | 194 | | | |
| | 20 | — | — | — | — | — | 26.1 | 24.9 | 23.4 | 20.6 | 16.7 | 9.5 | | | | | | | | | | | | | | | | | | |
| | 30 | — | — | — | — | 27.6 | 26.2 | 25.0 | 23.5 | 22.1 | 19.1 | 13.8 | 4.8 | | | | | | | | | | | | | | | | | |
| | 40 | — | — | — | 27.5 | 26.4 | 25.1 | 23.7 | 22.2 | 20.8 | 17.2 | 10.1 | | | | | | | | | | | | | | | | | | |
| | 50 | — | — | 27.2 | 26.1 | 25.1 | 23.8 | 22.3 | 20.9 | 19.3 | 14.0 | 5.7 | | | | | | | | | | | | | | | | | | |
| | 60 | — | 27.1 | 26.0 | 25.0 | 23.9 | 22.4 | 21.0 | 19.4 | 17.3 | 10.8 | | | | | | | | | | | | | | | | | | | |
| | 80 | — | — | — | — | — | — | — | 27.2 | 25.3 | 23.5 | 21.3 | 19.1 | 16.0 | 11.3 | 3.6 | | | | | | | | | | | | | | |
| 3 | 20 | — | — | — | — | — | — | 27.3 | 25.4 | 23.6 | 21.6 | 19.3 | 16.1 | 12.0 | 5.0 | | | | | | | | | | | 605 | 349 | | | |
| | 30 | — | — | — | — | — | — | 27.4 | 26.6 | 24.8 | 22.7 | 20.6 | 18.1 | 14.5 | 9.0 | | | | | | | | | | | | | | | |
| | 40 | — | — | — | — | — | — | 27.5 | 26.7 | 25.5 | 23.8 | 21.7 | 19.6 | 16.8 | 12.5 | 5.3 | | | | | | | | | | | | | | |
| | 50 | — | — | — | — | — | 27.6 | 26.7 | 25.6 | 24.9 | 22.8 | 20.8 | 18.5 | 15.0 | 9.5 | | | | | | | | | | | | | | | |
| | 60 | — | — | — | — | 27.7 | 26.8 | 25.7 | 24.9 | 23.9 | 21.8 | 19.8 | 16.9 | 12.7 | 5.6 | | | | | | | | | | | | | | | |
| | 80 | — | — | — | — | — | — | — | — | — | — | — | — | 27.5 | 26.5 | 25.2 | 24.0 | 22.8 | 21.5 | 20.2 | 18.9 | 17.0 | 14.3 | 11.0 | 6.8 | | | | | |
| 5 | 20 | — | — | — | — | — | — | — | — | — | — | — | 27.6 | 26.6 | 25.3 | 24.1 | 22.9 | 21.6 | 20.3 | 19.0 | 17.3 | 14.0 | 11.2 | 7.3 | | 1005 | 476 | | | |
| | 30 | — | — | — | — | — | — | — | — | — | — | — | 27.1 | 26.0 | 24.9 | 23.5 | 22.2 | 21.0 | 19.9 | 18.2 | 16.2 | 13.3 | 9.5 | 5.2 | | | | | | |
| | 40 | — | — | — | — | — | — | — | — | — | — | — | 27.7 | 26.7 | 25.4 | 24.2 | 22.9 | 21.7 | 20.4 | 19.1 | 17.5 | 14.4 | 11.5 | 7.7 | 3.1 | | | | | |
| | 50 | — | — | — | — | — | — | — | — | — | — | — | 27.2 | 26.0 | 25.0 | 23.6 | 22.3 | 21.1 | 20.0 | 18.4 | 16.3 | 13.5 | 9.9 | 5.7 | | | | | | |
| | 60 | — | — | — | — | — | — | — | — | — | — | — | 27.8 | 26.8 | 25.5 | 24.3 | 23.0 | 21.8 | 20.5 | 19.2 | 17.7 | 14.9 | 12.0 | 8.0 | 3.7 | | | | | |
| | 80 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | |
| 7-1/2 | 0 | — | — | — | — | — | — | 27.3 | 25.7 | 24.3 | 23.1 | 21.5 | 19.9 | 16.4 | 11.3 | 4.1 | | | | | | | | | | 1450 | 628 | | | |
| | 20 | — | — | — | — | — | — | 26.7 | 25.3 | 23.7 | 22.3 | 20.8 | 18.9 | 14.7 | 8.5 | | | | | | | | | | | | | | | |
| | 30 | — | — | — | — | — | — | — | 26.5 | 25.1 | 23.5 | 22.1 | 20.6 | 18.3 | 13.4 | 7.0 | | | | | | | | | | | | | | |
| | 40 | — | — | — | — | 27.5 | 26.3 | 24.7 | 23.3 | 21.7 | 20.2 | 17.3 | 12.1 | 5.3 | | | | | | | | | | | | | | | | |
| | 50 | — | — | — | — | 27.3 | 25.7 | 24.5 | 22.7 | 21.3 | 19.7 | 16.0 | 10.6 | 3.6 | | | | | | | | | | | | | | | | |
| | 60 | — | — | — | — | 26.9 | 25.5 | 24.3 | 22.5 | 21.0 | 19.3 | 15.1 | 9.5 | | | | | | | | | | | | | | | | | |
| 10 | 0 | — | — | — | — | — | — | — | — | — | — | — | 26.8 | 25.7 | 24.7 | 23.7 | 22.6 | 21.6 | 20.7 | 19.5 | 17.1 | | | | | 1950 | 844 | | | |
| | 20 | — | — | — | — | — | — | — | — | — | — | — | 27.5 | 26.4 | 25.3 | 24.4 | 23.3 | 22.1 | 21.3 | 20.1 | 18.5 | 16.0 | | | | | | | | |
| | 30 | — | — | — | — | — | — | — | — | — | — | — | 27.3 | 26.2 | 25.0 | 24.1 | 23.0 | 21.9 | 21.0 | 19.9 | 18.0 | 15.0 | | | | | | | | |
| | 40 | — | — | — | — | — | — | — | — | — | — | — | 27.0 | 25.7 | 24.9 | 24.0 | 22.8 | 21.7 | 20.8 | 19.7 | 17.6 | 14.7 | | | | | | | | |
| | 50 | — | — | — | — | — | — | — | — | — | — | — | 27.8 | 26.7 | 25.5 | 24.7 | 23.6 | 22.5 | 21.5 | 20.6 | 19.4 | 17.0 | 14.0 | | | | | | | |
| | 60 | — | — | — | — | — | — | — | — | — | — | — | 27.5 | 26.4 | 25.3 | 24.4 | 23.3 | 22.2 | 21.3 | 20.2 | 18.5 | 16.1 | 12.5 | | | | | | | |

CAUTION: DO NOT use pump at flow rates indicated by the symbol “—”. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions. 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.

STA-RITE® HS Series Signature 2000®

Stainless Steel

| 30 GALLONS PER MINUTE | | | | | | | | | | PUMP PERFORMANCE (Capacity in gallons per minute) | | | | | | | | | | SHUT-OFF HEAD | | | | | |
|-----------------------|-----|-----------------------|------|------|------|------|------|------|------|---|------|------|------|------|------|---------------|------|------|------|---------------|------|-----|--|--|--|
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | | | | FEET | PSI | | | | |
| | | 20 | 40 | 60 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | | | 700 | | | |
| 1 | 0 | — | 42.5 | 40.9 | 39.1 | 36.8 | 32.5 | 26.0 | 8.0 | | | | | | | | | | | | 175 | 76 | | | |
| | 20 | 40.4 | 38.8 | 36.0 | 32.4 | 27.7 | 13.3 | | | | | | | | | | | | | | | | | | |
| | 30 | 38.0 | 35.3 | 31.7 | 26.3 | 14.3 | | | | | | | | | | | | | | | | | | | |
| | 40 | 35.0 | 31.4 | 25.9 | 12.1 | | | | | | | | | | | | | | | | | | | | |
| | 50 | 30.2 | 24.0 | 3.0 | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 21.9 | | | | | | | | | | | | | | | | | | | | | | | |
| 1-1/2 | 0 | — | — | 41.9 | 39.9 | 37.5 | 34.1 | 30.9 | 26.9 | 17.0 | | | | | | | | | | | 210 | 91 | | | |
| | 20 | 41.2 | 39.1 | 36.5 | 34.0 | 31.5 | 27.8 | 21.5 | | | | | | | | | | | | | | | | | |
| | 30 | 38.9 | 36.1 | 33.8 | 31.0 | 27.9 | 21.8 | | | | | | | | | | | | | | | | | | |
| | 40 | 36.0 | 33.5 | 30.8 | 27.7 | 20.2 | | | | | | | | | | | | | | | | | | | |
| | 50 | 32.9 | 30.1 | 26.8 | 21.5 | | | | | | | | | | | | | | | | | | | | |
| | 60 | 29.5 | 25.9 | 18.1 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 0 | — | — | — | 41.8 | 40.5 | 38.8 | 36.8 | 34.7 | 31.6 | 23.7 | | | | | | | | | | 280 | 121 | | | |
| | 20 | — | 41.3 | 40.1 | 38.7 | 37.1 | 34.9 | 32.1 | 29.0 | 24.8 | | | | | | | | | | | | | | | |
| | 30 | 41.2 | 40.0 | 38.5 | 37.0 | 35.0 | 32.2 | 29.1 | 24.9 | 15.2 | | | | | | | | | | | | | | | |
| | 40 | 39.9 | 38.3 | 36.6 | 34.8 | 32.7 | 29.8 | 25.1 | 16.1 | | | | | | | | | | | | | | | | |
| | 50 | 38.0 | 36.3 | 34.5 | 32.1 | 30.0 | 25.3 | 17.5 | | | | | | | | | | | | | | | | | |
| | 60 | 36.0 | 34.0 | 31.9 | 29.1 | 26.0 | 18.0 | | | | | | | | | | | | | | | | | | |
| 3 | 0 | — | — | — | — | 42.7 | 41.6 | 40.1 | 39.6 | 38.2 | 35.5 | 32.0 | 27.3 | | | | | | | | 420 | 182 | | | |
| | 20 | — | — | 42.4 | 41.5 | 41.0 | 39.8 | 38.5 | 37.1 | 35.7 | 32.1 | 28.0 | 18.5 | | | | | | | | | | | | |
| | 30 | 42.9 | 42.2 | 41.3 | 40.6 | 39.9 | 38.7 | 37.2 | 35.8 | 34.2 | 30.3 | 24.9 | 6.0 | | | | | | | | | | | | |
| | 40 | 42.1 | 41.2 | 40.4 | 39.7 | 38.8 | 37.3 | 35.9 | 34.5 | 32.6 | 28.3 | 19.9 | | | | | | | | | | | | | |
| | 50 | 41.1 | 40.3 | 39.5 | 38.5 | 37.4 | 36.0 | 34.6 | 32.7 | 31.0 | 25.2 | 9.5 | | | | | | | | | | | | | |
| | 60 | 40.2 | 39.3 | 38.3 | 37.2 | 36.1 | 34.7 | 32.8 | 31.0 | 28.5 | 20.5 | | | | | | | | | | | | | | |
| 5 | 0 | — | — | — | — | — | — | — | 42.6 | 42.0 | 40.7 | 39.2 | 38.0 | 36.0 | 34.2 | 31.9 | 29.2 | 26.0 | 20.0 | | 705 | 305 | | | |
| | 20 | — | — | — | — | — | 42.7 | 42.0 | 41.3 | 40.8 | 39.3 | 38.2 | 36.2 | 34.4 | 32.4 | 30.0 | 26.1 | 21.5 | | | | | | | |
| | 30 | — | — | — | — | 42.8 | 42.1 | 41.4 | 40.8 | 40.1 | 38.7 | 37.0 | 35.1 | 33.1 | 31.1 | 26.0 | 24.1 | 16.0 | | | | | | | |
| | 40 | — | — | — | — | 42.1 | 41.5 | 40.9 | 40.2 | 39.3 | 37.9 | 36.1 | 34.3 | 32.0 | 29.4 | 26.2 | 20.4 | | | | | | | | |
| | 50 | — | — | 42.6 | 42.0 | 41.5 | 41.2 | 40.2 | 39.5 | 38.8 | 37.1 | 35.4 | 33.2 | 31.2 | 28.8 | 24.5 | 16.0 | | | | | | | | |
| | 60 | — | 42.5 | 42.0 | 41.4 | 41.1 | 40.3 | 39.8 | 38.9 | 38.1 | 36.2 | 34.2 | 32.1 | 30.0 | 26.7 | 22.0 | | | | | | | | | |
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | SHUT-OFF HEAD | | | | | | | | | |
| | | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | FEET | PSI | | | | | | | | | |
| 7-1/2 | 0 | — | — | 40.4 | 37.6 | 34.8 | 32.0 | 28.1 | 20.0 | | | | | | | | | | | | 975 | 422 | | | |
| | 20 | — | 42.0 | 39.3 | 36.5 | 33.8 | 30.5 | 25.5 | 13.8 | | | | | | | | | | | | | | | | |
| | 30 | — | 41.3 | 38.6 | 35.8 | 33.1 | 29.8 | 23.3 | 6.5 | | | | | | | | | | | | | | | | |
| | 40 | — | 40.7 | 38.1 | 35.6 | 32.6 | 29.3 | 21.7 | | | | | | | | | | | | | | | | | |
| | 50 | 42.7 | 40.1 | 37.3 | 34.6 | 31.7 | 27.4 | 19.3 | | | | | | | | | | | | | | | | | |
| | 60 | 42.0 | 39.4 | 36.5 | 33.7 | 30.7 | 25.1 | 13.9 | | | | | | | | | | | | | | | | | |
| 10 | 0 | — | — | — | 41.3 | 39.5 | 37.3 | 35.1 | 33.1 | 30.4 | 27.1 | 22.5 | 11.9 | | | | | | | | 1345 | 582 | | | |
| | 20 | — | — | 42.3 | 40.5 | 38.6 | 36.4 | 34.5 | 31.8 | 29.2 | 25.3 | 18.7 | | | | | | | | | | | | | |
| | 30 | — | — | 42.0 | 40.1 | 43.0 | 35.7 | 33.7 | 31.3 | 28.4 | 24.2 | 16.3 | | | | | | | | | | | | | |
| | 40 | — | — | 41.6 | 39.7 | 37.7 | 35.5 | 33.5 | 30.9 | 27.7 | 23.4 | 14.4 | | | | | | | | | | | | | |
| | 50 | — | 42.7 | 41.0 | 39.3 | 37.1 | 34.9 | 32.8 | 30.2 | 26.7 | 21.7 | 7.7 | | | | | | | | | | | | | |
| | 60 | — | 42.3 | 40.6 | 38.7 | 36.5 | 34.5 | 32.3 | 29.5 | 25.7 | 20.1 | 5.0 | | | | | | | | | | | | | |

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty void when failure occurs under these conditions. 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.

STA-RITE® HS Series Signature 2000®

Stainless Steel

| 50 GALLONS PER MINUTE | | | | | | | | | | | | | | | | | PUMP PERFORMANCE (Capacity in gallons per minute) | | |
|-----------------------|-----|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|-----|
| HP | PSI | PUMPING DEPTH IN FEET | | | | | | | | | | | | | | | SHUT-OFF HEAD | | |
| | | 20 | 40 | 60 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 450 | 550 | 650 | 700 | FEET | PSI |
| 1-1/2 | 0 | — | — | — | 58.2 | 49.3 | 33.5 | | | | | | | | | | | 145 | 63 |
| | 20 | — | 55.9 | 46.5 | 32.5 | | | | | | | | | | | | | | |
| | 30 | 54.8 | 45.0 | 30.0 | | | | | | | | | | | | | | | |
| | 40 | 43.3 | 26.9 | | | | | | | | | | | | | | | | |
| | 50 | 21.9 | | | | | | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | | | | | | | |
| 2 | 0 | — | — | — | 63.3 | 57.0 | 47.8 | 33.9 | | | | | | | | | | 180 | 78 |
| | 20 | — | 62.2 | 55.1 | 46.8 | 37.1 | 13.0 | | | | | | | | | | | | |
| | 30 | 61.1 | 53.6 | 46.0 | 34.3 | 14.1 | | | | | | | | | | | | | |
| | 40 | 52.8 | 45.0 | 32.5 | 11.0 | | | | | | | | | | | | | | |
| | 50 | 42.7 | 27.9 | | | | | | | | | | | | | | | | |
| | 60 | 25.2 | | | | | | | | | | | | | | | | | |
| 3 | 0 | — | — | — | — | 64.5 | 59.4 | 52.5 | 45.0 | 33.8 | | | | | | | | 235 | 102 |
| | 20 | — | — | 63.7 | 59.0 | 53.5 | 46.5 | 36.2 | 18.2 | | | | | | | | | | |
| | 30 | — | 62.9 | 58.1 | 53.0 | 47.0 | 37.0 | 20.5 | | | | | | | | | | | |
| | 40 | 62.5 | 57.6 | 52.0 | 46.2 | 38.8 | 22.1 | | | | | | | | | | | | |
| | 50 | 56.5 | 51.0 | 44.7 | 36.2 | 22.8 | | | | | | | | | | | | | |
| | 60 | 50.0 | 43.7 | 34.0 | 20.5 | | | | | | | | | | | | | | |
| 5 | 0 | — | — | — | — | — | — | 65.9 | 63.2 | 59.9 | 51.9 | 41.9 | 22.5 | | | | | 385 | 166 |
| | 20 | — | — | — | — | — | 63.5 | 60.8 | 56.1 | 52.4 | 42.5 | 24.9 | | | | | | | |
| | 30 | — | — | — | — | 63.8 | 60.9 | 56.9 | 53.0 | 47.9 | 35.5 | 12.9 | | | | | | | |
| | 40 | — | — | 65.5 | 63.2 | 61.0 | 57.0 | 53.2 | 48.0 | 43.5 | 27.0 | | | | | | | | |
| | 50 | — | 65.1 | 63.0 | 60.8 | 57.1 | 53.3 | 48.1 | 43.6 | 36.4 | 14.2 | | | | | | | | |
| | 60 | 64.9 | 62.4 | 60.0 | 56.9 | 53.7 | 48.7 | 44.1 | 37.5 | 28.0 | | | | | | | | | |
| 7-1/2 | 0 | — | — | — | — | — | — | — | — | — | 66.0 | 61.0 | 55.3 | 43.1 | 20.0 | | | 595 | 257 |
| | 20 | — | — | — | — | — | — | — | — | 64.8 | 61.1 | 56.0 | 50.0 | 34.9 | | | | | |
| | 30 | — | — | — | — | — | — | — | 64.9 | 63.3 | 58.7 | 53.2 | 47.2 | 28.8 | | | | | |
| | 40 | — | — | — | — | — | — | 65.0 | 63.6 | 61.7 | 56.2 | 50.9 | 44.1 | 22.0 | | | | | |
| | 50 | — | — | — | — | — | 65.1 | 63.7 | 61.8 | 58.9 | 53.9 | 47.5 | 41.0 | 13.2 | | | | | |
| | 60 | — | — | — | — | 65.2 | 63.8 | 61.9 | 59.0 | 56.5 | 51.1 | 44.9 | 36.0 | | | | | | |
| 10 | 0 | — | — | — | — | — | — | — | — | — | — | 65.0 | 62.1 | 54.2 | 44.7 | 29.0 | 15.2 | 745 | 322 |
| | 20 | — | — | — | — | — | — | — | — | — | 65.5 | 62.5 | 59.1 | 50.1 | 39.2 | 17.1 | | | |
| | 30 | — | — | — | — | — | — | — | — | 66.9 | 64.1 | 61.2 | 56.9 | 47.5 | 35.0 | 10.5 | | | |
| | 40 | — | — | — | — | — | — | — | 67.0 | 65.8 | 63.0 | 59.3 | 54.9 | 45.2 | 30.5 | | | | |
| | 50 | — | — | — | — | — | — | 67.1 | 65.9 | 64.2 | 61.5 | 57.2 | 53.0 | 42.9 | 25.0 | | | | |
| | 60 | — | — | — | — | — | 67.2 | 66.0 | 64.3 | 63.2 | 59.9 | 55.0 | 51.0 | 40.6 | 19.7 | | | | |

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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 N1T 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.