

STA-RITE® HS Series Stainless Steel

Signature 2000® 5 and 7 gpm TrimLine™ 4" submersible pumps



POWERED BY
PENTEK®



Precision-engineered, high-quality, rugged Signature 2000® Stainless Steel Series Pumps deliver efficient, dependable performance even in rough, aggressive water.

The TrimLine™ 5 and 7 GPM Series Pumps are 3-3/4" maximum O.D. Heads to 1,150 feet and capacities to 10.5 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

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: Stainless steel

Cable Guard: Stainless steel

Agency Listings: CSA

Check Valve: Acetal

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: Exclusive 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: Heavy-walled corrosion-resistant 300 grade 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 stainless steel.

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

Nylatron® is a registered trademark of Polymer Corp.
All other brand or product names are trademarks or registered trademarks of Pentair Ltd.

STA-RITE® HS Series Stainless Steel

Signature 2000® 5 and 7 gpm TrimLine™ 4" submersible pumps

ORDERING INFORMATION

| GPM | MOTOR TYPE | HP | STGS. | PH | VOLT | ASSEMBLED PUMP | | | PUMP END | | | MOTOR | | CONTROL BOX | |
|-----|------------|-------|-------|----|------|----------------|-------------|--------------|----------------|-------------|--------------|----------------|--------------|----------------|--------------|
| | | | | | | CATALOG NUMBER | LENGTH IN.* | WEIGHT LBS.* | CATALOG NUMBER | LENGTH IN.* | WEIGHT LBS.* | CATALOG NUMBER | WEIGHT LBS.* | CATALOG NUMBER | WEIGHT LBS.* |
| 5 | 2 WIRE | 1/2 | 13 | 1 | 115 | S5P4HS05121 | 27-1/2 | 28 | L5P4CHL | 18 | 12 | P42B0005A1 | 19 | | |
| | | 1/2 | 13 | 1 | 230 | S5P4HS05221 | 27-1/2 | 28 | L5P4CHL | 18 | 12 | P42B0005A2 | 19 | | |
| | | 3/4 | 18 | 1 | 230 | S5P4HS07221 | 32-3/4 | 34 | L5P4DHL | 22 | 15 | P42B0007A2 | 23 | | |
| | | 1 | 22 | 1 | 230 | S5P4HS10221 | 37 | 39 | L5P4EHL | 25-1/4 | 17 | P42B0010A2 | 25 | | |
| | | 1-1/2 | 30 | 1 | 230 | S5P4HS15221 | 47 | 51 | L5P4FHL | 32 | 21 | P42B0015A2 | 29 | | |
| | 3 WIRE | 1/2 | 13 | 1 | 115 | S5P4HS05131 | 27-1/2 | 28 | L5P4CHL | 18 | 12 | P43B0005A1 | 19 | SMC-IR0511 | 4 |
| | | 1/2 | 13 | 1 | 230 | S5P4HS05231 | 27-1/2 | 28 | L5P4CHL | 18 | 12 | P43B0005A2 | 18 | SMC-CR0521 | 4 |
| | | 3/4 | 18 | 1 | 230 | S5P4HS07231 | 32-3/4 | 34 | L5P4DHL | 22 | 15 | P43B0007A2 | 21 | SMC-CR0721 | 4 |
| | | 1 | 22 | 1 | 230 | S5P4HS10231 | 37 | 39 | L5P4EHL | 25-1/4 | 17 | P43B0010A2 | 23 | SMC-CR1021 | 4 |
| | | 1-1/2 | 30 | 1 | 230 | S5P4HS15231 | 45-1/2 | 48 | L5P4FHL | 32 | 21 | P43B0015A2 | 27 | SMC-CR1521 | 7 |
| | | 1-1/2 | 30 | 3 | 230 | | | | L5P4FHL | 32 | 21 | P43B0015A3 | 23 | | |
| | | 1-1/2 | 30 | 3 | 460 | | | | L5P4FHL | 32 | 21 | P43B0015A4 | 23 | | |
| | | 2 | 38 | 1 | 230 | | | | L5P4GHL | 37-3/4 | 25 | P43B0020A2 | 31 | SMC-CR2021 | 7 |
| | | 2 | 38 | 3 | 230 | | | | L5P4GHL | 37-3/4 | 25 | P43B0020A3 | 23 | | |
| 2 | 38 | 3 | 460 | | | | L5P4GHL | 37-3/4 | 25 | P43B0020A4 | 23 | | | | |
| 7 | 2 WIRE | 1/2 | 10 | 1 | 115 | S7P4HS05121 | 25-1/2 | 27 | L7P4CHL | 16 | 11 | P42B0005A1 | 19 | | |
| | | 1/2 | 10 | 1 | 230 | S7P4HS05221 | 25-1/2 | 27 | L7P4CHL | 16 | 11 | P42B0005A2 | 19 | | |
| | | 3/4 | 13 | 1 | 230 | S7P4HS07221 | 29 | 32 | L7P4DHL | 18-1/2 | 13 | P42B0007A2 | 23 | | |
| | | 1 | 17 | 1 | 230 | S7P4HS10221 | 33-3/4 | 37 | L7P4EHL | 22 | 15 | P42B0010A2 | 25 | | |
| | | 1-1/2 | 22 | 1 | 230 | S7P4HS15221 | 42-1/2 | 47 | L7P4FHL | 27-1/4 | 17 | P42B0015A2 | 29 | | |
| | 3 WIRE | 1/2 | 10 | 1 | 115 | S7P4HS05131 | 25-1/2 | 27 | L7P4CHL | 16 | 11 | P43B0005A1 | 19 | SMC-IR0511 | 4 |
| | | 1/2 | 10 | 1 | 230 | S7P4HS05231 | 25-1/2 | 27 | L7P4CHL | 16 | 11 | P43B0005A2 | 18 | SMC-CR0521 | 4 |
| | | 3/4 | 13 | 1 | 230 | S7P4HS07231 | 29 | 32 | L7P4DHL | 18-1/2 | 13 | P43B0007A2 | 21 | SMC-CR0721 | 4 |
| | | 1 | 17 | 1 | 230 | S7P4HS10231 | 33-3/4 | 37 | L7P4EHL | 22 | 15 | P43B0010A2 | 23 | SMC-CR1021 | 4 |
| | | 1-1/2 | 22 | 1 | 230 | S7P4HS15231 | 41 | 44 | L7P4FHL | 27-1/4 | 17 | P43B0015A2 | 27 | SMC-CR1521 | 7 |
| | | 1-1/2 | 22 | 3 | 230 | | | | L7P4FHL | 27-1/4 | 17 | P43B0015A3 | 23 | | |
| | | 1-1/2 | 22 | 3 | 460 | | | | L7P4FHL | 27-1/4 | 17 | P43B0015A4 | 23 | | |
| | | 2 | 28 | 1 | 230 | | | | L7P4GHL | 32-1/2 | 20 | P43B0020A2 | 31 | SMC-CR2021 | 7 |
| | | 2 | 28 | 3 | 230 | | | | L7P4GHL | 32-1/2 | 20 | P43B0020A3 | 27 | | |
| 2 | 28 | 3 | 460 | | | | L7P4GHL | 32-1/2 | 20 | P43B0020A4 | 27 | | | | |
| 3 | 36 | 1 | 230 | | | | L7P4HHL | 39-1/2 | 24 | P43B0030A2 | 37 | SMC-CR3021 | 8 | | |
| 3 | 36 | 3 | 230 | | | | L7P4HHL | 39-1/2 | 24 | P43B0030A3 | 37 | | | | |
| 3 | 36 | 3 | 460 | | | | L7P4HHL | 39-1/2 | 24 | P43B0030A4 | 37 | | | | |

*Length and Weight are approximate.

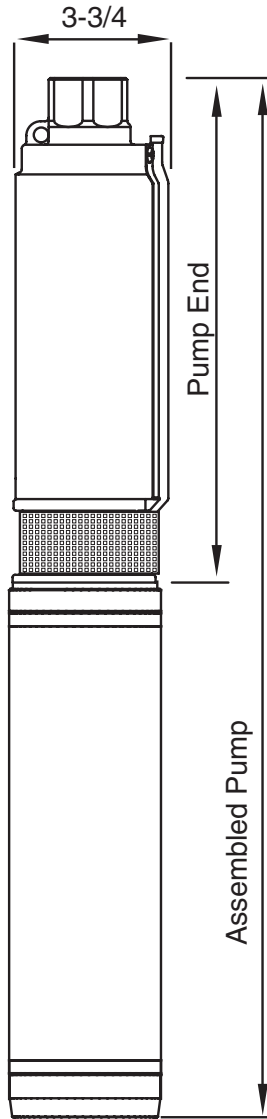
TrimLine™ version maximum outside diameter is 3-3/4". Standard version maximum outside diameter is 3-7/8".

NOTE: Motor, Control Box or Magnetic Starter must be ordered separately, if ordering pump end only. Discharge NPT is 1-1/4".

STA-RITE® HS Series Stainless Steel

Signature 2000® 5 and 7 gpm TrimLine™ 4" submersible pumps

OUTLINE DIMENSIONS

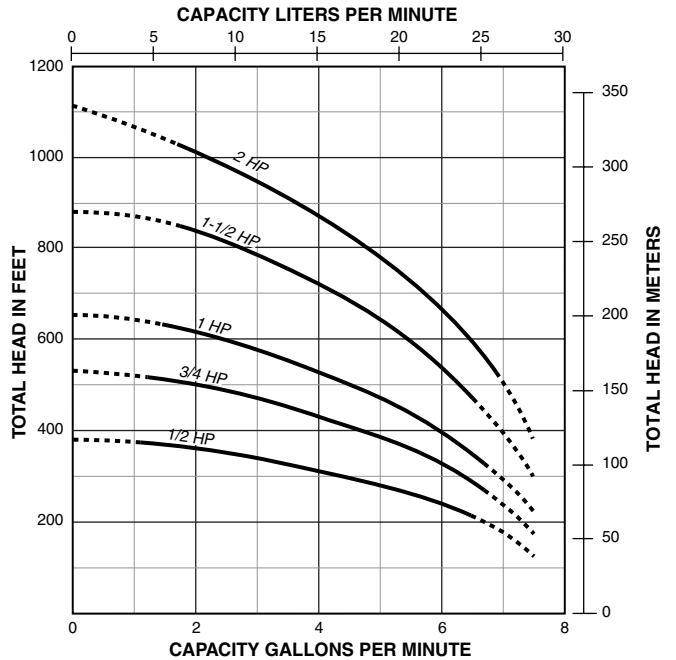


DISCHARGE

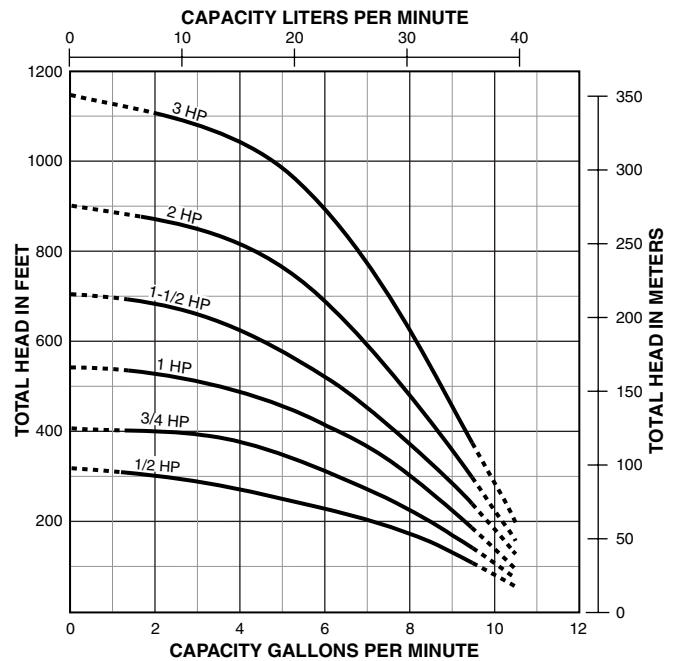
| | |
|-------|------------|
| 5 GPM | 1-1/4" NPT |
| 7 GPM | 1-1/4" NPT |

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

PUMP PERFORMANCE: 5 GPM



PUMP PERFORMANCE: 7 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 Stainless Steel

Signature 2000® 5 and 7 gpm TrimLine™ 4" submersible pumps

| 5 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 | 750 | | | 800 | 850 | 900 | 950 | 1000 | 1050 | | |
| 1/2 | 0 | - | - | - | - | - | 7.4 | 7.2 | 7.0 | 6.7 | 5.7 | 4.3 | 2.7 | | | | | | | | | | | | | | | | 380 | 164 | |
| | 20 | - | - | - | 7.4 | 7.3 | 7.0 | 6.7 | 6.3 | 5.7 | 4.5 | 2.8 | | | | | | | | | | | | | | | | | | | |
| | 30 | - | - | 7.4 | 7.2 | 7.1 | 6.8 | 6.3 | 5.8 | 5.2 | 3.6 | 1.5 | | | | | | | | | | | | | | | | | | | |
| | 40 | - | 7.4 | 7.2 | 7.0 | 6.8 | 6.4 | 5.8 | 5.3 | 4.6 | 2.9 | | | | | | | | | | | | | | | | | | | | |
| | 50 | 7.3 | 7.2 | 7.0 | 6.7 | 6.4 | 5.9 | 5.3 | 4.7 | 3.7 | 1.7 | | | | | | | | | | | | | | | | | | | | |
| | 60 | 7.2 | 6.9 | 6.7 | 6.3 | 5.9 | 5.3 | 4.7 | 3.8 | 3.0 | | | | | | | | | | | | | | | | | | | | | |
| 3/4 | 0 | - | - | - | - | - | - | 7.4 | 7.3 | 6.9 | 6.4 | 5.6 | 4.7 | 3.4 | 2.0 | | | | | | | | | | | | | | 531 | 230 | |
| | 20 | - | - | - | - | - | 7.4 | 7.3 | 7.1 | 6.9 | 6.5 | 5.7 | 4.8 | 3.5 | 2.2 | | | | | | | | | | | | | | | | |
| | 30 | - | - | - | - | 7.4 | 7.3 | 7.1 | 7.0 | 6.7 | 6.1 | 5.3 | 4.2 | 3.0 | 1.1 | | | | | | | | | | | | | | | | |
| | 40 | - | - | - | 7.4 | 7.3 | 7.2 | 7.0 | 6.8 | 6.5 | 5.7 | 4.9 | 3.6 | 2.4 | | | | | | | | | | | | | | | | | |
| | 50 | - | - | 7.4 | 7.3 | 7.2 | 7.0 | 6.8 | 6.5 | 6.2 | 5.4 | 4.3 | 3.1 | 1.3 | | | | | | | | | | | | | | | | | |
| | 60 | 7.5 | 7.4 | 7.3 | 7.1 | 7.0 | 6.8 | 6.5 | 6.2 | 5.8 | 4.9 | 3.6 | 2.4 | | | | | | | | | | | | | | | | | | |
| 1 | 0 | - | - | - | - | - | - | - | 7.5 | 7.2 | 7.0 | 6.5 | 6.0 | 5.3 | 4.5 | 3.4 | 2.4 | | | | | | | | | | | | 652 | 282 | |
| | 20 | - | - | - | - | - | - | 7.5 | 7.4 | 7.2 | 7.0 | 6.6 | 6.0 | 5.3 | 4.5 | 3.5 | 2.5 | | | | | | | | | | | | | | |
| | 30 | - | - | - | - | - | - | 7.5 | 7.4 | 7.3 | 7.2 | 6.9 | 6.3 | 5.8 | 5.1 | 4.1 | 3.1 | 1.7 | | | | | | | | | | | | | |
| | 40 | - | - | - | - | - | 7.5 | 7.4 | 7.3 | 7.2 | 7.0 | 6.7 | 6.1 | 5.4 | 4.6 | 3.6 | 2.6 | 0.3 | | | | | | | | | | | | | |
| | 50 | - | - | - | - | 7.5 | 7.4 | 7.3 | 7.2 | 7.0 | 6.9 | 6.4 | 5.8 | 5.1 | 4.1 | 3.1 | 1.9 | | | | | | | | | | | | | | |
| | 60 | - | - | 7.5 | 7.4 | 7.3 | 7.2 | 7.0 | 6.9 | 6.7 | 6.1 | 5.5 | 4.7 | 3.6 | 2.7 | 0.7 | | | | | | | | | | | | | | | |
| 1-1/2 | 0 | - | - | - | - | - | - | - | - | - | 7.4 | 7.2 | 7.0 | 6.7 | 6.4 | 5.9 | 5.5 | 4.9 | 4.1 | 3.4 | 2.7 | 1.6 | | | | | | | 882 | 382 | |
| | 20 | - | - | - | - | - | - | - | - | 7.4 | 7.2 | 7.0 | 6.8 | 6.4 | 6.0 | 5.5 | 5.0 | 4.2 | 3.5 | 2.8 | 1.7 | | | | | | | | | | |
| | 30 | - | - | - | - | - | - | - | 7.5 | 7.3 | 7.1 | 6.9 | 6.6 | 6.2 | 5.7 | 5.3 | 4.6 | 3.8 | 3.2 | 2.4 | 0.7 | | | | | | | | | | |
| | 40 | - | - | - | - | - | - | 7.5 | 7.4 | 7.2 | 7.1 | 6.8 | 6.4 | 6.0 | 5.6 | 5.0 | 4.3 | 3.6 | 2.8 | 1.8 | | | | | | | | | | | |
| | 50 | - | - | - | - | - | 7.5 | 7.4 | 7.3 | 7.1 | 6.9 | 6.6 | 6.2 | 5.8 | 5.3 | 4.7 | 3.9 | 3.2 | 2.5 | 1.1 | | | | | | | | | | | |
| | 60 | - | - | - | - | - | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 6.8 | 6.5 | 6.0 | 5.6 | 5.0 | 4.3 | 3.6 | 2.9 | 1.8 | | | | | | | | | | | |
| 2 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | 7.0 | 6.8 | 6.5 | 6.2 | 5.9 | 5.5 | 5.0 | 4.5 | 4.0 | 3.3 | 2.4 | 1.5 | | | 1120 | 485 | |
| | 20 | - | - | - | - | - | - | - | - | - | - | - | - | - | 7.0 | 6.8 | 6.5 | 6.2 | 5.9 | 5.5 | 5.0 | 4.5 | 4.0 | 3.3 | 2.4 | 1.5 | | | | | |
| | 30 | - | - | - | - | - | - | - | - | - | - | - | - | 7.2 | 6.9 | 6.6 | 6.3 | 6.0 | 5.7 | 5.2 | 4.8 | 4.3 | 3.7 | 2.9 | 2.1 | 1.1 | | | | | |
| | 40 | - | - | - | - | - | - | - | - | - | - | 7.3 | 7.0 | 6.8 | 6.5 | 6.2 | 5.9 | 5.5 | 5.0 | 4.5 | 4.0 | 3.3 | 2.4 | 1.5 | | | | | | | |
| | 50 | - | - | - | - | - | - | - | - | - | 7.4 | 7.2 | 6.9 | 6.6 | 6.4 | 6.1 | 5.8 | 5.4 | 4.9 | 4.4 | 3.9 | 3.1 | 2.2 | 1.2 | | | | | | | |
| | 60 | - | - | - | - | - | - | - | - | - | 7.3 | 7.1 | 6.8 | 6.5 | 6.2 | 6.0 | 5.6 | 5.1 | 4.6 | 4.1 | 3.2 | 2.5 | 1.6 | | | | | | | | |

CAUTION: DO NOT use pump at flow rates indicated by the symbol '—'. To do so can cause premature failure of unit. Pump warranty is 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 Stainless Steel

Signature 2000[®] 5 and 7 gpm TrimLine™ 4" submersible pumps

| 7 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 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1050 | 1100 | FEET | PSI | | | | | | | | | | | | | | | | | | | | | | | |
| 1/2 | 0 | - | 11.0 | 10.4 | 9.9 | 9.5 | 9.0 | 8.6 | 8.1 | 7.5 | 5.7 | 3.2 | | | | | | | | | | | | | | | | | 322 | 139 | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | 10.2 | 9.2 | 9.3 | 8.9 | 8.6 | 8.1 | 7.6 | 6.7 | 5.4 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 9.7 | 9.3 | 8.9 | 8.6 | 8.1 | 7.6 | 6.8 | 5.9 | 5.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | 9.2 | 8.9 | 8.5 | 8.1 | 7.6 | 7.0 | 6.0 | 5.0 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 8.8 | 8.5 | 8.0 | 7.6 | 7.0 | 6.0 | 5.1 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 8.4 | 8.0 | 7.5 | 6.8 | 6.2 | 5.1 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/4 | 0 | - | - | 11.0 | 10.4 | 9.9 | 9.5 | 9.2 | 8.9 | 8.5 | 7.6 | 6.5 | 5.0 | 2.3 | | | | | | | | | | | | | | | 409 | 177 | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | 10.7 | 10.2 | 9.9 | 9.5 | 9.3 | 8.9 | 8.6 | 8.2 | 7.7 | 6.5 | 5.2 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 10.1 | 9.8 | 9.4 | 9.2 | 8.9 | 8.6 | 8.2 | 7.8 | 7.2 | 6.0 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | 9.7 | 9.4 | 9.1 | 8.9 | 8.7 | 8.3 | 7.9 | 7.3 | 6.7 | 5.2 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 9.4 | 9.1 | 8.9 | 8.6 | 8.3 | 7.9 | 7.3 | 6.7 | 6.1 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 9.0 | 8.8 | 8.5 | 8.2 | 7.9 | 7.4 | 6.7 | 6.1 | 5.4 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0 | - | - | - | 10.8 | 10.4 | 10.0 | 9.7 | 9.4 | 9.1 | 8.6 | 8.0 | 7.3 | 6.4 | 5.2 | 3.7 | | | | | | | | | | | | | 545 | 236 | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | - | 10.6 | 10.3 | 10.0 | 9.8 | 9.4 | 9.2 | 8.9 | 8.6 | 8.1 | 7.3 | 6.5 | 5.3 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 10.5 | 10.2 | 9.9 | 9.7 | 9.4 | 9.2 | 8.9 | 8.6 | 8.4 | 7.7 | 6.9 | 6.0 | 4.6 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | 10.2 | 9.9 | 9.7 | 9.4 | 9.2 | 9.0 | 8.6 | 8.4 | 8.1 | 7.4 | 6.5 | 5.3 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 9.9 | 9.6 | 9.3 | 9.2 | 9.0 | 8.6 | 8.4 | 8.2 | 7.8 | 7.0 | 6.1 | 5.3 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 9.5 | 9.3 | 9.2 | 8.9 | 8.7 | 8.4 | 8.2 | 7.8 | 7.5 | 6.6 | 5.5 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-1/2 | 0 | - | - | - | - | 10.9 | 10.4 | 10.1 | 9.9 | 9.7 | 9.2 | 8.8 | 8.4 | 7.9 | 7.3 | 6.6 | 5.8 | 4.8 | 3.5 | | | | | | | | | | 705 | 305 | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | - | - | 10.7 | 10.4 | 10.2 | 9.9 | 9.7 | 9.4 | 9.2 | 8.8 | 8.5 | 8.0 | 7.3 | 6.7 | 5.8 | 4.9 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 11.0 | 10.7 | 10.4 | 10.2 | 9.9 | 9.3 | 9.5 | 9.2 | 9.0 | 8.7 | 8.2 | 7.7 | 7.1 | 6.3 | 5.9 | 4.4 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | 10.6 | 10.3 | 10.2 | 9.9 | 9.7 | 9.5 | 9.2 | 9.1 | 8.8 | 8.5 | 8.0 | 7.4 | 6.7 | 5.9 | 4.9 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 10.3 | 10.1 | 9.9 | 9.7 | 9.5 | 9.2 | 9.1 | 8.8 | 8.7 | 8.3 | 7.7 | 7.1 | 6.5 | 5.4 | 4.6 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 10.1 | 9.8 | 9.7 | 9.5 | 9.3 | 9.1 | 8.9 | 8.7 | 8.5 | 8.0 | 7.5 | 6.8 | 6.0 | 5.0 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 0 | - | - | - | - | - | 10.9 | 10.6 | 10.3 | 10.1 | 9.7 | 9.4 | 9.0 | 8.7 | 8.4 | 8.0 | 7.4 | 7.1 | 6.4 | 5.8 | 5.0 | 4.2 | 2.8 | | | | | | 900 | 389 | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | - | - | - | 10.8 | 10.6 | 10.4 | 10.1 | 10.0 | 9.7 | 9.4 | 9.1 | 8.7 | 8.4 | 8.0 | 7.6 | 7.1 | 6.6 | 5.8 | 5.1 | 4.3 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | - | 11.0 | 10.7 | 10.6 | 10.4 | 10.1 | 10.0 | 9.7 | 9.5 | 9.2 | 8.9 | 8.6 | 8.3 | 7.9 | 7.4 | 6.9 | 6.2 | 5.5 | 4.7 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | 10.9 | 10.7 | 10.5 | 10.4 | 10.2 | 10.0 | 9.8 | 9.6 | 9.4 | 9.1 | 8.7 | 8.5 | 8.1 | 7.7 | 7.2 | 6.6 | 5.9 | 5.2 | 4.2 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 10.7 | 10.5 | 10.3 | 10.1 | 10.0 | 9.8 | 9.6 | 9.4 | 9.3 | 8.9 | 8.7 | 8.3 | 7.9 | 7.4 | 6.9 | 6.3 | 5.5 | 4.8 | 4.0 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 10.4 | 10.3 | 10.1 | 10.0 | 9.8 | 9.6 | 9.4 | 9.3 | 9.1 | 8.8 | 8.5 | 8.1 | 7.7 | 7.2 | 6.7 | 6.0 | 5.8 | 4.5 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 0 | - | - | - | - | - | - | 10.8 | 10.5 | 10.1 | 9.9 | 9.5 | 9.3 | 9.0 | 8.8 | 8.6 | 8.3 | 8.0 | 7.6 | 7.3 | 6.8 | 6.4 | 5.7 | 5.2 | 4.7 | 3.9 | 2.5 | 1150 | 498 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | - | - | - | - | - | 10.9 | 10.6 | 10.4 | 10.2 | 9.9 | 9.5 | 9.3 | 9.0 | 8.8 | 8.6 | 8.3 | 8.1 | 7.7 | 7.4 | 6.9 | 6.5 | 5.8 | 5.2 | 4.8 | 4.0 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | - | - | - | - | 10.9 | 10.6 | 10.4 | 10.2 | 10.0 | 9.6 | 9.4 | 9.2 | 8.9 | 8.7 | 8.4 | 8.1 | 7.9 | 7.4 | 7.0 | 6.6 | 6.0 | 5.4 | 5.8 | 4.3 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | - | - | - | 10.9 | 10.7 | 10.4 | 10.3 | 10.0 | 10.0 | 9.6 | 9.4 | 9.1 | 8.8 | 8.6 | 8.3 | 8.1 | 7.8 | 7.4 | 7.0 | 6.5 | 5.9 | 5.3 | 4.9 | 4.2 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | - | 11.0 | 10.8 | 10.6 | 10.4 | 10.3 | 10.0 | 10.0 | 9.7 | 9.4 | 9.2 | 8.9 | 8.7 | 8.5 | 8.1 | 7.9 | 7.5 | 7.1 | 6.6 | 6.1 | 5.5 | 5.1 | 4.4 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | 11.0 | 10.7 | 10.6 | 10.4 | 10.3 | 10.0 | 10.0 | 9.7 | 9.6 | 9.4 | 9.1 | 8.9 | 8.7 | 8.4 | 8.1 | 7.8 | 7.4 | 7.0 | 6.6 | 5.9 | 5.3 | 4.9 | 4.2 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CAUTION: DO NOT use pump at flow rates indicated by the symbol '-'. To do so can cause premature failure of unit. Pump warranty is 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 Stainless Steel

Signature 2000® 5 and 7 gpm TrimLine™ 4" submersible pumps

STA-RITE® HS Series Stainless Steel

Signature 2000® 5 and 7 gpm TrimLine™ 4" submersible pumps



293 WRIGHT STREET, DELAVAN, WI 53115 WWW.STA-RITE.COM PH: 888-782-7483 ORDERS FAX: 800-426-9446
Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

S4556WS (05/20/13)