



4" Submersible Pumps

MS+ series



MS+ Series SubPAK

Ships complete with MS+ Series pump, XE Series motor and SMC-CR Control Box. Factory assembled and tested.



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

The MS+ series puts the plus in HS+ with the advanced PENTEK® XE Series™ motor. Superior PENTEK motor technology supercharges an HS+ pump with extra stages, raising the performance bar without exceeding recommended service factor amps.

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** – Stainless steel
- Cable Guard** – Stainless steel
- Check Valve** – Acetal†
- Agency Listings** – CSA

†Except where noted.

Nylatron® is a registered trademark of Polymer Corp. PENTEK® is a registered trademark of Pentair Water. PRO-Source™, SignaSeal™, TrimLine™, and XE Series™ are trademarks of Pentair Water.

In order to provide the best products possible, specifications are subject to change.

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 wrench flats 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.

PENTEK XE Series Motor – 2 and 3 wire NEMA standard all stainless construction water-filled motors.



MS+ stainless steel series

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ORDERING INFORMATION

| HP | Stgs | PH | Volts | Assembled Pump | | |
|------------------------|------|----|-------|------------------|---------------|----------|
| | | | | Catalog Number | Length Inches | Wt. Lbs. |
| 5 GPM / 3 WIRE | | | | | | |
| 1/2 | 15 | 1 | 230 | B5P4MS+05231 | 29 | 26 |
| 3/4 | 21 | 1 | 230 | B5P4MS+07231 | 35-1/4 | 32 |
| 1 | 24 | 1 | 230 | B5P4MS+10231 | 38-3/4 | 32 |
| 7 GPM / 3 WIRE | | | | | | |
| 1/2 | 12 | 1 | 230 | B7P4MS+05231 | 27 | 26 |
| 3/4 | 15 | 1 | 230 | B7P4MS+07231 | 30-3/4 | 30 |
| 1 | 19 | 1 | 230 | B7P4MS+10231 | 35-1/2 | 30 |
| 10 GPM / 3 WIRE | | | | | | |
| 1/2 | 9 | 1 | 230 | B10P4MS05231PLUS | 24-3/4 | 26-1/2 |
| 3/4 | 12 | 1 | 230 | B10P4MS07231PLUS | 27-3/4 | 29-1/2 |
| 1 | 15 | 1 | 230 | B10P4MS10231PLUS | 30-3/4 | 29-1/2 |
| 15 GPM / 3 WIRE | | | | | | |
| 1/2 | 7 | 1 | 230 | B15P4MS+05231 | 24-1/2 | 27 |
| 3/4 | 9 | 1 | 230 | B15P4MS+07231 | 28 | 30 |
| 1 | 11 | 1 | 230 | B15P4MS+10231 | 31-1/2 | 30 |
| 20 GPM / 3 WIRE | | | | | | |
| 3/4 | 7 | 1 | 230 | S20P4MS+07231 | 26 | 29 |
| 1 | 9 | 1 | 230 | S20P4MS+10231 | 29-1/2 | 29 |

OUTLINE DIMENSIONS

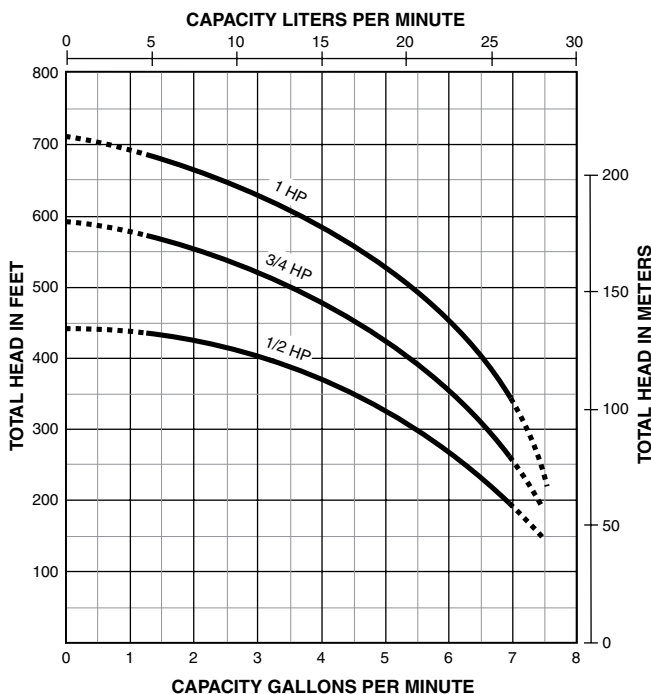
| Discharge | |
|-----------|------------|
| 5 GPM | 1-1/4" NPT |
| 7 GPM | 1-1/4" NPT |
| 10 GPM | 1-1/4" NPT |
| 15 GPM | 1-1/4" NPT |
| 20GPM | 1-1/4" NPT |

For dimensions, refer to Ordering Information table.

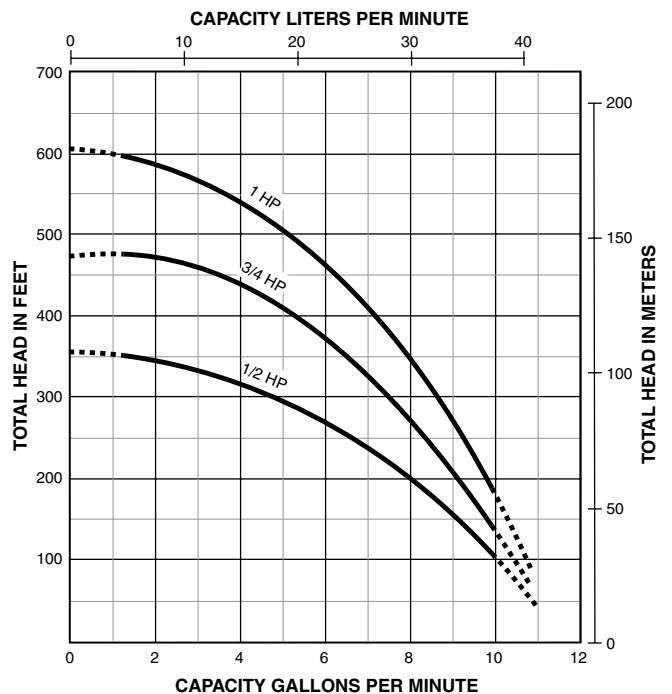
*5 and 7 GPH pumps are 3-3/4

Dimensions (in inches) are for estimating purposes only.

PUMP PERFORMANCE – 5 GPM



PUMP PERFORMANCE – 7 GPM



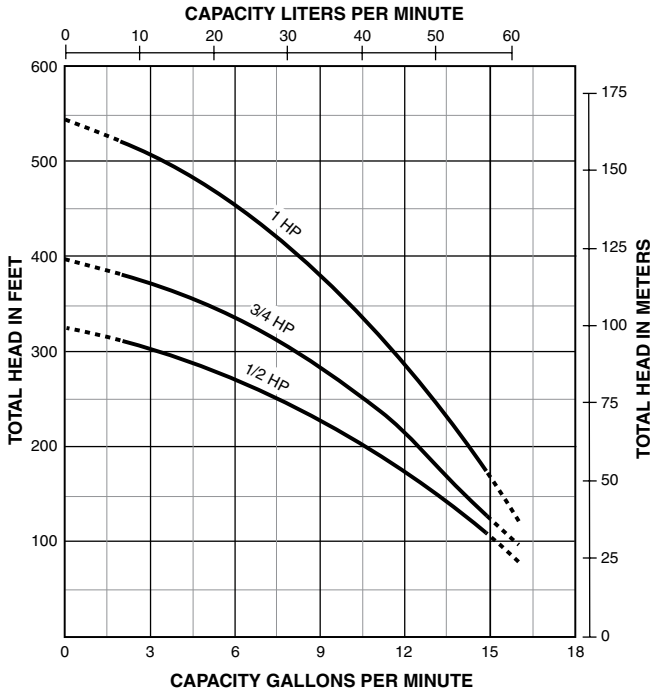


MS+ stainless steel series

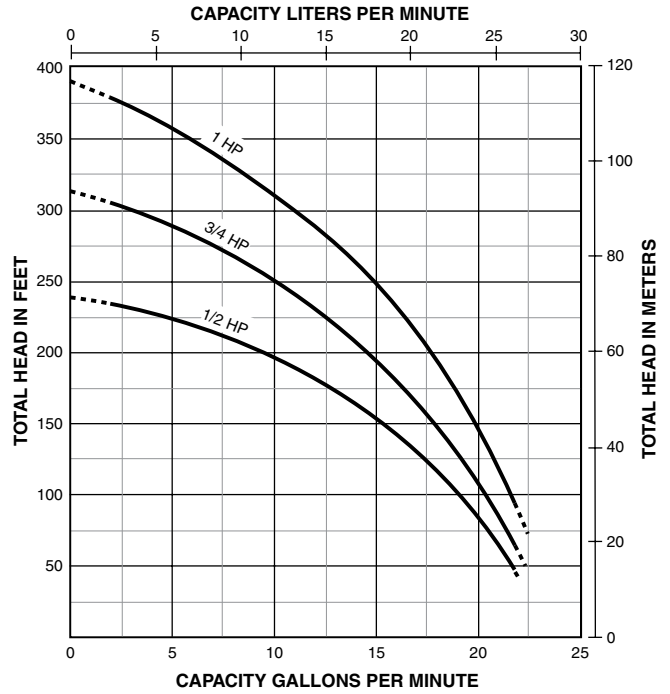
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PUMP PERFORMANCE - 10 GPM



PUMP PERFORMANCE - 15 GPM



PUMP PERFORMANCE - 20 GPM

