



Webster S-Series Vertical Seal-Less Immersible Pumps

Rugged, Non-metallic Chemical Duty Pumps Against a Closed Valve



SS8 Quick Service Pump's special tear-drop design allows the pump motor and core to be removed for service while the pump body remains connected to the piping system.



Features

- Exclusive Two-Year Warranty
- No Metal Contacts the Process Fluid
- Heavy-Duty Design for Continuous Duty Service
- Dynamically Balanced Enclosed Impeller
- Can be Run Dry or Against a Closed Valve
- No Seals to Leak or Replace
- Virtually Maintenance Free

Options

- Inlet Screens CPVC (Not Available for S1)
- Extended Shafts CPVC, 18", 24", 36" (Currently for S8 Only)
- Wash Down Duty or Explosion Proof Motors

Reduce Unscheduled Downtime

The S-Series vertical pump is the pump to choose when unscheduled down time is just NOT an option. The all-plastic pump construction means that they can never fail due to rust or corrosion – and with a choice of three different thermoplastics, CPVC, PPL and PVDF, there's one that's right for most applications.

Runs Dry

And there is never a worry about damaging the pump if something goes wrong and the pump runs dry or tries to pump against a closed valve. Webster Series S pumps are designed to stand up to this kind of abuse without damage. These pumps can even be used with slightly abrasive process media.

Quick Service Model

The SS8 Quick Service Model features a special tear-drop locking design that allows the operator to quickly remove the pump core for service while the pump body stays connected to the piping system. Just turn the pump motor slightly and lift it out of the body for service. Spillage of the process media is eliminated because the pump body stays connected to the piping system.

Unsurpassed Performance

A Webster S-Series vertical pump is built to perform year in and year out with no unscheduled downtime because of pump or motor failure. A pump this good doesn't come with just a standard 1-year warranty...Hayward backs every one of its S-Series Webster pumps with an extended two-year warranty...your assurance of built-in reliability. And, surprisingly this extra reliability doesn't cost extra...compare price, specs and warranties...you always come out ahead with a Webster pump from Hayward.

Our Exclusive Two Year Warranty

Other pumps claim to be heavy duty but check the warranty behind the claim...is it only for 1 year...only for water service? Compare price, features, specifications and warranty... then move up to Webster.

Consult your Webster distributor for warranty information.



Technical Information

S-Series Pump Specifications

Pump:

Glass reinforced polypropylene, natural polypropylene, CPVC or PVDF, construction. (CPVC & GFPP for SS8) (CPVC only with 3 and 5 HP motors)

Pipe Connection:

Threaded NPT or socket.

Fume Barrier:

PTFE, protects motor and bearings from corrosion damage.

O-rings:

Viton

Performance:

Models for flow rates from 5 to 130 GPM with

TDH's of up to 115 feet. S-Series motors and pumps are matched for non-overloading, continuous duty performance throughout the entire pump performance range.

Motors:

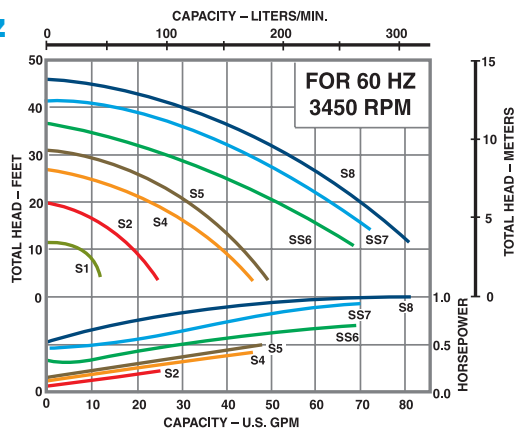
Single or three phase motors are available with 1/8, 1/3, 1/2, 1, 1-1/2, 3 and 5 horsepower ratings, 115/230 VAC or 208-230/460 VAC and are heavy duty TEFC, epoxy painted and rated for continuous service. Also available with wash down and explosion proof motors.

Pump Models:

S1 1/15 HP, S2 1/3 HP, S4 1/2 HP, S5 3/4 HP, SS6 3/4 HP, SS7 1 HP, S8 1-1/2 HP, SS8 1-1/2 HP, S12 3 HP, S16 5 HP

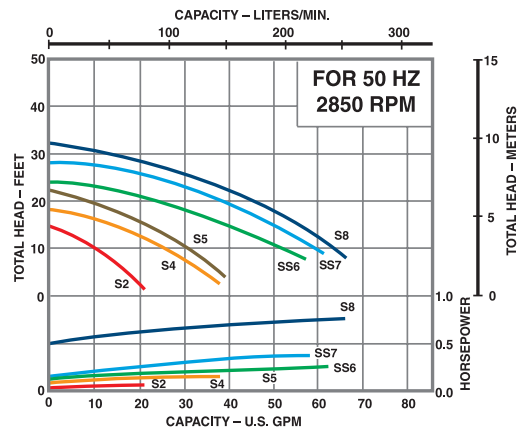
Performance Curves

60Hz

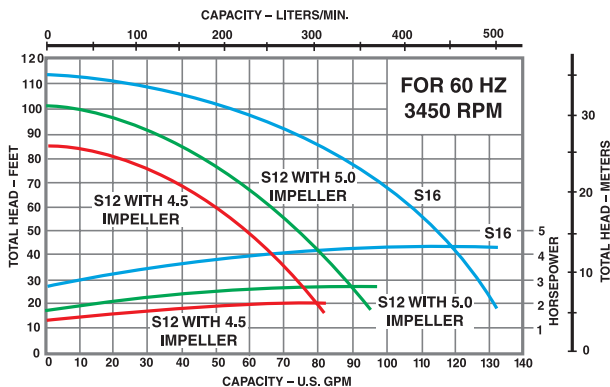


S2, S4, S5, SS6, SS7, S8, SS8

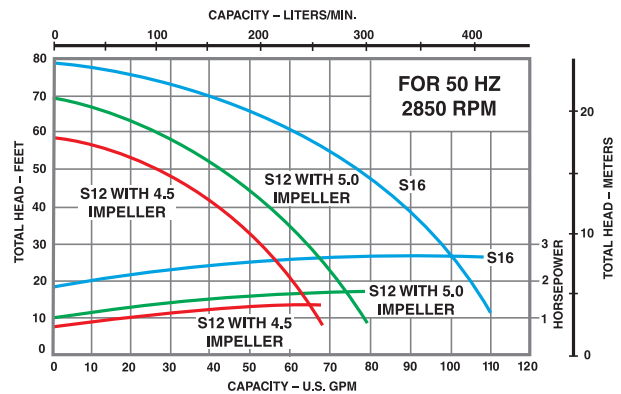
50Hz



S2, S4, S5, SS6, SS7, S8, SS8



S12, S16



S12, S16



Webster R-Series Mag Drive Pumps

All-Plastic, PPL, ETFE Corrosion Resistant Construction • Patented Design



Webster R series Mag Drive pumps shown above. The top pump (RX model) ranges from 1/2 to 5 HP, the bottom pump (RC model) is 1/3 HP.



Features

- Exclusive Two-Year Warranty
- Leak-proof, Seal-less Magnetic Drive
- Friction Free Operation/ Reduced Energy Consumption
- Easy Maintenance Without Special Tools
- Anti-Airlock Mechanism
- Plastic Pump Construction – No Rust or Corrosion
- Double Supported Large Diameter Non-Cantilevered Shaft

Options

- Carbon Bushings
- Ceramic Bushings
- EPDM O-Rings
- Single Phase 1/2 HP to 1 HP Motors
- Three Phase 1 1/2 HP to 5 HP Motors
- Self-Priming Pumps Available

Ensured Reliability

Using the latest, patented pump technology the R-Series corrosion resistant pumps will stand up to the most aggressive, demanding industrial applications year in and year out. From the heavy-duty, thick wall pump body construction to the rugged epoxy painted motors to the patented design that helps guard against premature damage from dry running, there is simply no better mag drive pump available anywhere.

Application Versatility

Applications requiring flow rates from 5 to 140 gpm with maximum total dynamic head discharges up to 141 feet will find an R-Series pump to meet their requirements. And because the process media never contacts metal there is never a danger of pump failure due to rust or corrosion.

Rugged, Energy Efficient

The pump's magnetic drive coupling consists of two heavy-duty magnet assemblies. This frictionless drive is extremely energy efficient and consumes less power than other designs. For superior performance in larger size pumps, 2 HP and greater, rare earth neodymium magnets are used. These special magnets feature an exceptional magnetic force to weight ratio. The magnetic drive of the R-Series pumps require no seals. This means there are no emissions, no leaks and no expensive, time consuming seal replacements.

Two-Year Warranty

Other pumps claim to be heavy-duty but check the warranty behind the claim. Is it only for 1 year...only for water service? Compare price, features, specifications and warranty...then move up to a Webster R-Series Mag Drive Pump from Hayward.

Consult your Webster distributor for warranty information.



Technical Information

Mag Drive Pump Specifications

Pump:

Glass reinforced, thick wall, polypropylene construction. Also in ETPE.

Pipe Connection:

Threaded NPT or flanged ANSI 150#.

Shaft:

Ceramic with PTFE bushing.

O-rings:

FPM

Performance:

Models for flow rates from 5 to 140 GPM with TDH's of up to 141 feet. R-Series pumps and motors are matched for non-overloading, continuous duty performance throughout the entire pump performance range.

Motors:

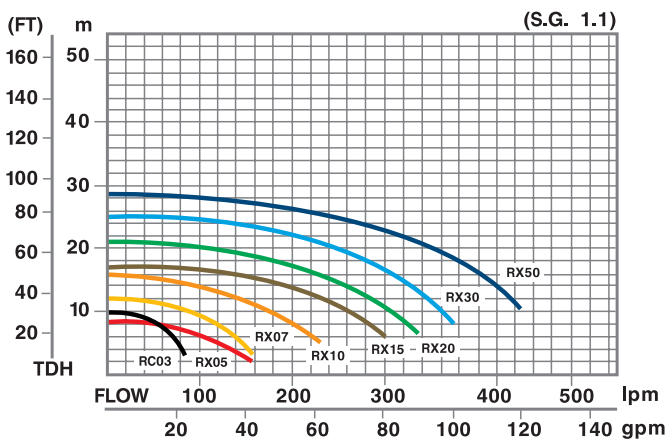
Single or three phase motors available with horsepower ratings of 1/3 , 1/2 , 3/4 , 1, 1-1/2 , 2, 3, or 5 HP, 115/230 VAC or 208-230/460 VAC. Motors are heavy-duty TEFC and epoxy painted.

Pump Models:

RC03 1/3 HP, RX05 1/2 HP, RX07 3/4 HP, RX10, 1 HP, RX15 1-1/2 HP, RX20 2 HP, RX30 3HP, RX50 5HP.

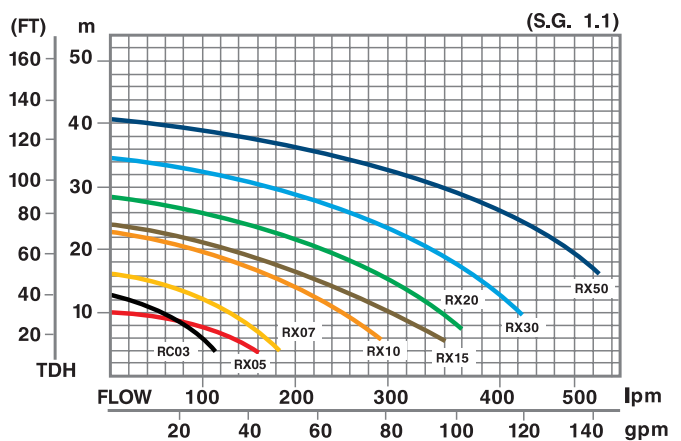
Performance Curves

60Hz



RC03, RX05, RX07, RX10, RX15, RX20, RX30, RX50

50Hz



RC03, RX05, RX07, RX10, RX15, RX20, RX30, RX50



Webster C-Series Centrifugal Pumps

Non-metallic Pumps Designed for Continuous Duty Chemical Service



Top: Webster C10 centrifugal pump, 3 to 5 HP
Bottom: Webster C8 centrifugal pump, 1/3 to 1 1/2 HP



Features

- Exclusive Two-Year Warranty
- Rugged, Heavy-Duty Construction
- No Metal Contacts the Process Fluid
- Pump Cannot Fail Due to Rust or Corrosion
- Dynamically Balanced Enclosed Impeller
- Specifically Designed for Continuous Duty Service
- Heavy-Duty Internal Components

Options

- Bearing Frame for Belt Drive or Direct Coupled Drivers
- Double Water-Flushed Seal
- PTFE Rotary Seal Faces and Carpenter 20 or Pink Ceramic Seal Seats

Horizontal End Suction

Hayward builds its Webster C-Series Horizontal End Suction Centrifugal pumps to stand up to the toughest industrial and commercial applications.

Extra Reliability

Rugged pump bodies and beefed up internal components, along with a heavy-duty motor, means your C-Series Webster pump will perform reliably for years. This pump is built to last...and Hayward backs that claim up with an extended two-year warranty on the pump and motor...not just one year like other manufacturers' warranties.

Corrosion Resistant

The all plastic pump construction means a C-Series pump will never fail due to rust or corrosion. And the plastic construction will not contaminate sensitive process media.

Difficult Applications

The requirements of continuous duty, aggressive, corrosive chemical applications are easily handled by Webster C-Series Pumps. And even if your application could "get by" with a lesser pump, consider moving up to Webster...extra reliability doesn't have to cost extra...compare price, specs and warranties...the choice is Webster.

Two Year Warranty

Other pumps claim to be heavy-duty but check the warranty behind the claim...is it only for 1 year...only for water service? Compare price, features, specifications and warranty...then move up to Webster.

Consult your Webster distributor for warranty information.



Technical Information

C-Series Pump Specifications

Pump:

Glass Reinforced Polypropylene, CPVC, or PVDF Construction (Glass Reinforced PPL only with 3 and 5 HP motors).

Pipe Connection:

Threaded Connections.

Shaft:

Stainless Steel Shaft with non-metallic sleeve.

Seal:

John Crane external Type 21 or equal carbon/ceramic seal faces with stainless steel hardware and Viton elastomers.

Performance:

Models for flow rates from 5 to 130 GPM with TDH's up to 140 feet. Series C motors and pumps are matched for non-overloading, continuous duty performance throughout the entire pump performance range.

Motors:

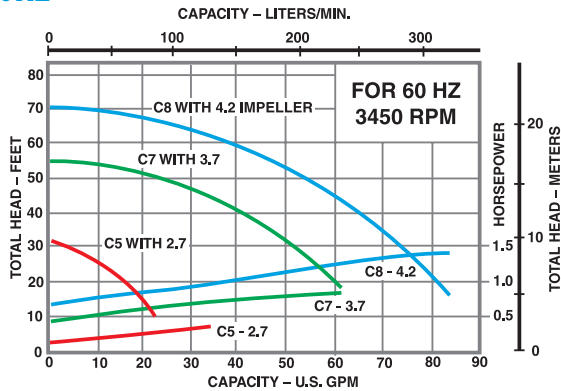
Single or Three Phase Motors are available with 1/3 , 1, 1-1/2 , 3, or 5 HP ratings, 115/230 VAC or 208-230/460 VAC, and are heavy-duty TEFC, epoxy painted and rated for continuous duty service. Wash down and explosion proof motors available.

Pump Models:

C5 1/3 HP, C7 1 HP, C8 1-1/2 HP, C10 3 or 5 HP.

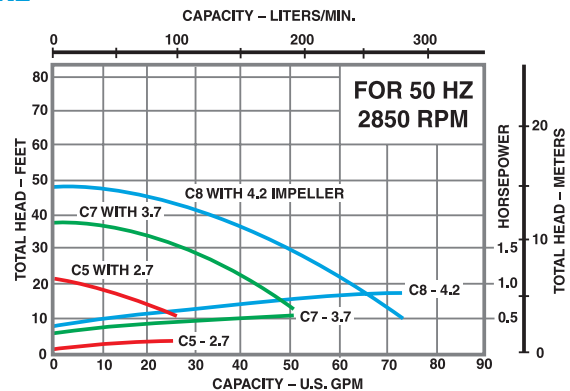
Performance Curves

60Hz

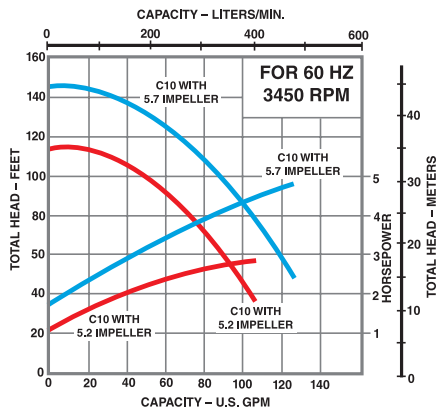


C5, C7, C8

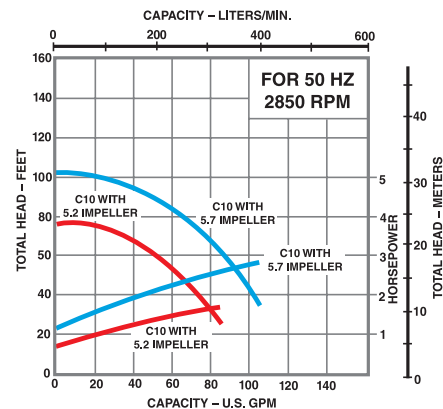
50Hz



C5, C7, C8



C10



C10



FLT Cartridge Filters



All Plastic PVC or CPVC Construction Removes Fine Particulate Matter



Features

- All Plastic CPVC Construction Will Never Rust or Corrode
- Compact, Easy to Install
- No Metal in Contact with the Process Fluid
- Quick and Easy Filter Cartridge Changes
- FPM O-Ring Seal

Simple In-Tank Filtration

Designed to filter process fluid within a tank eliminating the time and expense needed to install a separate, stand alone, filter and pump. The filter features all plastic, CPVC construction with FPM for exceptional chemical resistance and are available with either one or two filter cartridges.

Easy Operation

Changing filter cartridges is quick and easy for both single and double filter units. A simple quick disconnect union is used to connect the filter cartridge to the pump. Just unscrew the union, no tools are required, and remove the filter cartridge and assembly. It takes only seconds and there are no plastic screws that could be cross-threaded, especially at higher temperatures. To make the cartridge change process even faster additional disconnect unions are available to make up preloaded assemblies with clean filter cartridges.

Choice of Filter Media

The In-Tank Filtration unit comes standard with one 50 micron wound, polypropylene filter cartridge. Cartridges are also available in 1, 5, 10, 30, 75 and 100 micron ratings and have a 1" I.D. and a 2 1/2" O.D. Single or double cartridge configurations are available in either 10", 20", or 30" lengths. In-Tank Filtration Systems are available with S or D-Series pumps that are seal-less and can be run dry. These heavy duty, reliable pumps come with Hayward's unique two year warranty.

Two Year Warranty

The heavy-duty Webster S or D-Series Pumps that are part of the In-Tank Filtration System are rugged pumps designed to stand up to the most aggressive, and demanding of applications and are backed by the exclusive Hayward two year warranty.

Consult your Webster distributor for warranty information.



In-Tank Filtration Systems



Features

- For use with S and D-Series Pumps
- CPVC Corrosion-Resistant Construction
- Compact and Easy to Install
- Immersible, Seal-Less, Bearing Free Pump
- Can Run Dry
- Quick and Easy Filter Change
- Single or Double Filter
- 1/15 HP Model Features a Built-in Power Cord



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