PENTAIR
HYDROMATIC

WIN AGAINST MODERN FLUSHABLES

HPS SERIES



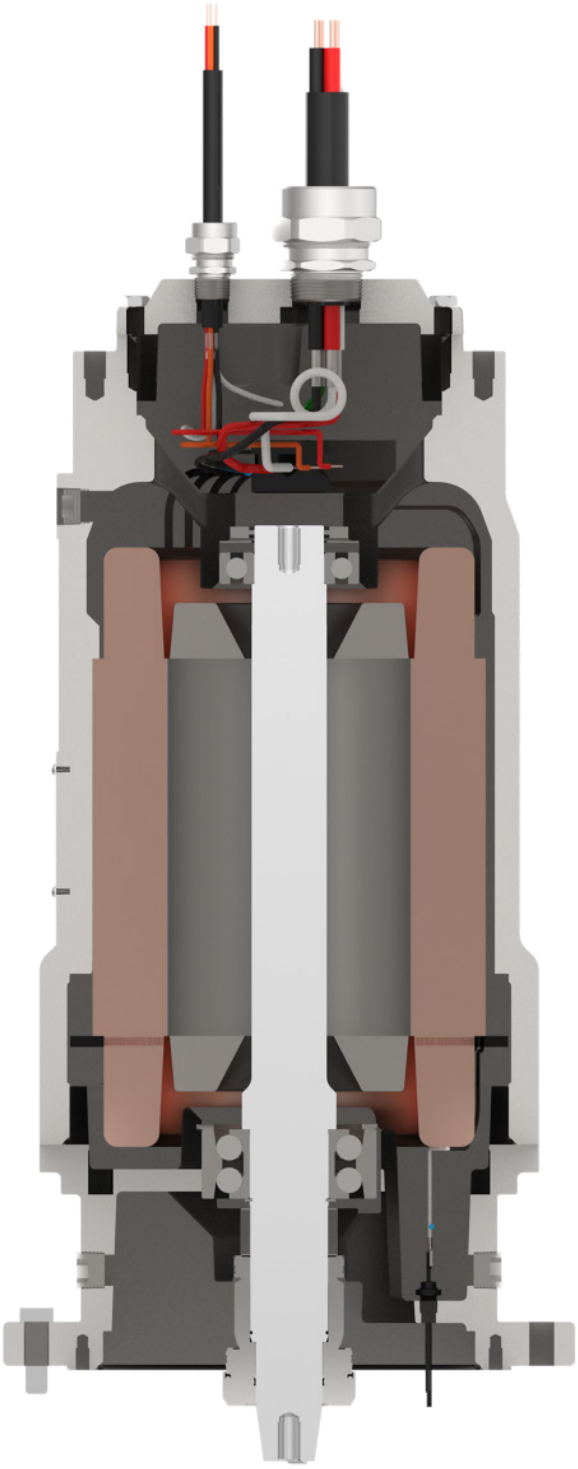
- SUPERIOR CLOG RESISTANCE
- REDUCED ENERGY CONSUMPTION
- LOWER MAINTENANCE COSTS

pentair.com/hydromatic

PENTAIR® HYDROMATIC® HPS SERIES PREMIUM EFFICIENT SOLIDS HANDLING PUMPS

You're facing enough pressure to maintain your wastewater systems and ensure they operate efficiently and continuously. Let Hydromatic HPS Series Pumps take that pressure off your hands.

Hydromatic HPS Series Pumps help you win the battle against modern flushables, thanks to an innovative hydraulic design. Decrease your system's downtime, energy consumption and the need for maintenance with this stress-free, cost-effective solution.



HELPS SOLVE CLOGGING

- Semi-open impeller is designed to combat modern flushables in the wastewater stream
- Adjustable cutter plate sweeps debris along the leading edge before passing through the pump
- Induction-hardened leading edge for exceptional service life

LOWER COST OF OWNERSHIP

- Up to 30% increase in wire-to-water efficiencies compared to a vortex impeller*
- Addition of super high-head curves for reduced HP
- IE3 premium efficient motor design**

EASE OF INSTALLATION AND MAINTENANCE

- Innovative semi-open impeller and cutter plate design eliminates the need for traditional wear ring
- Permanently lubricated bearings require no maintenance
- Standard cartridge seal on all models makes for a quick and easy seal replacement

LONGER PUMP LIFE

- Oil-filled motor provides superior heat transfer, resulting in lower running temperatures
- NEMA® Class H motor insulation aids in extending pump life
- Seal leak detection occurs in the outer chamber, identifying leaks before entering the motor housing

*Based on testing of Pentair Next-Gen Submersible Pump with semi-open impeller (Model HPS6HCP020423) and Pentair legacy pump with recessed/vortex impeller (Model S4LRC4000M3-4).

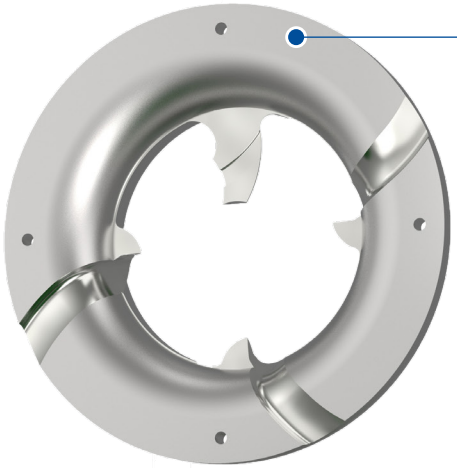
**Excluding the 208V versions and 210 Frame 20/23HP models.

ENGINEERED FOR PERFORMANCE



SEMI-OPEN IMPELLER

Semi-open design is optimized to tackle deformable solids and modern flushables and provides increased clog resistance.

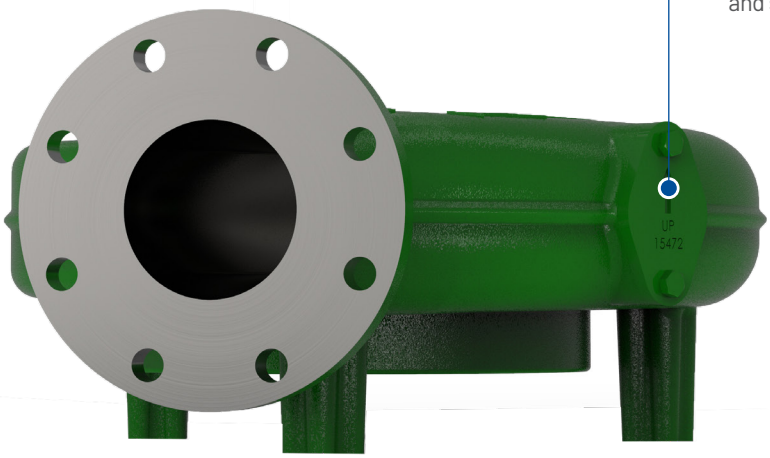


CUTTER PLATE

Self-cleaning cutter plate sweeps solid objects along the leading edge. Easily adjustable clearance between cutter plate and impeller to maintain optimal operation to prevent clogs.

MIX-FLUSH READY

Integrated into volute for applications where grease layer buildup and solids settling is an issue.





DOUBLE ROW CONTACT BEARINGS

Permanently lubricated lower bearings result in fewer service calls over operating life.

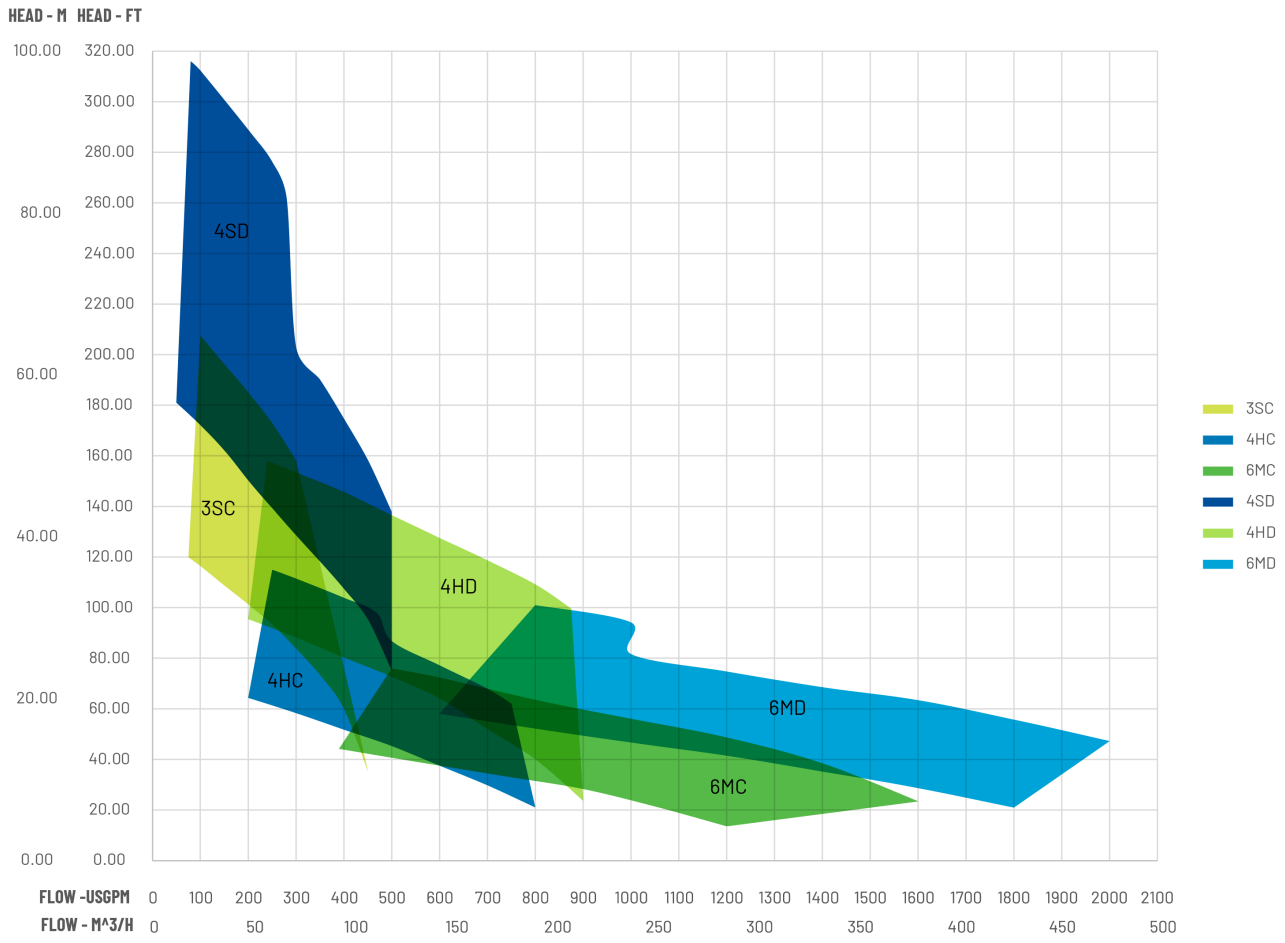


CARTRIDGE SEALS

Cartridge seals help provide durability and ease of installation.

HPS SERIES PUMPS PERFORMANCE DATA

Showcasing Wire-to-Water Efficiencies



Boost Your Clog Resistance and Protect Your Pump

Maximize your clog resistance by pairing your HPS Series Pump with the Pentair Dynamic Torque Controller Module. This smart, streamlined solution can detect clogs before they become an issue by reversing the pump and passing the clog through. Learn more at pentair.com/dtc.

25% REDUCTION IN TOTAL CALL-OUTS*

15% REDUCTION IN MAINTENANCE COSTS*

10% REDUCTION IN ENERGY COSTS*

15% LONGER PUMP LIFE*

*Results according to a site-specific study contained in a 2019 Industry Report by Jacobs® (pg.8). The exact results of future applications may vary, based on multiple factors.



No Hassle Installation

Save time, money and headaches by installing your HPS Series Pump on your current rail system with an Elbow Adapter. This eliminates the need for a new rail in your system and allows your pump to be installed quickly and efficiently. Save time, money and headaches by installing your HPS Series Pump on your current Flygt®, KSB® or Sulzer® rail systems with an Elbow Adapter.

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