

No pump downtime is peace of mind



Downtime is more expensive than the pump

Downtime is costly and aggravating. One of the leading causes of downtime is pump failure. Pumps can run hot. They have cheaply-made motors that run only at full speed. It's as if they're made to fail.

Built from the ground up

The HANS™ Premium Water Redundant Pump was designed from the ground up by an engineer frustrated by pumps constantly burning out and breaking down. The solution? Make a more robust pump and add redundancy for far less downtime.

Built-in redundancy

You get two pumps in one. If one pump goes down, the other one automatically kicks on and picks up the load with no downtime or change in output.

Built to last

- Proprietary 3 horse power, brushless, variable-speed DC motors for reduced friction, energy loss and waste heat
- Heavy-duty bearings rated at over 18,000 RPM
- Zirconia ceramic seals for heat resistance and longer life
- Turbine impeller veins for greater energy transfer
- Stainless steel housing (316)

Anti-cavitation protection

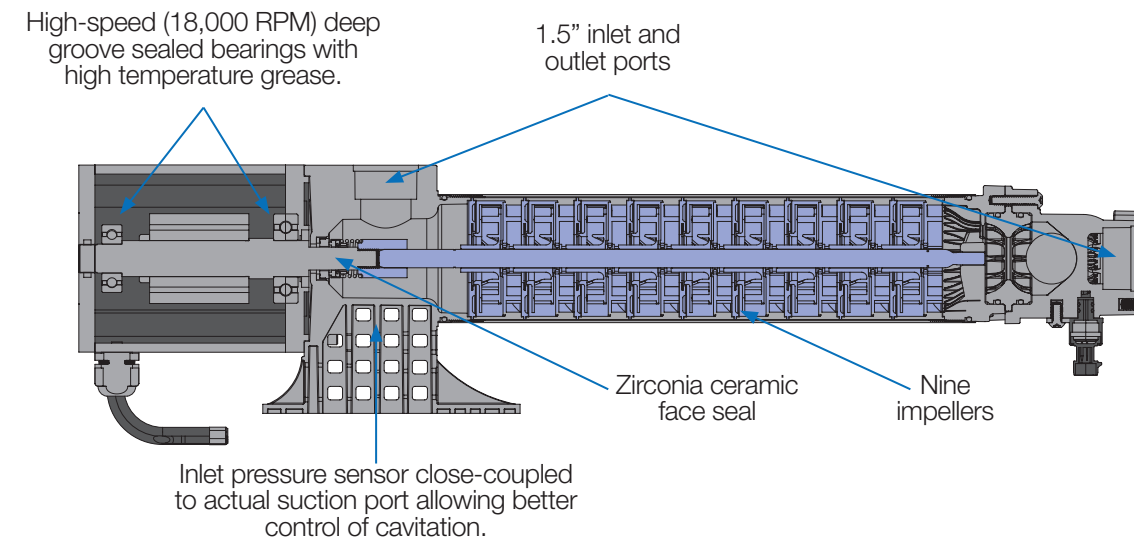
An internal algorithm monitors pump parameters and adjusts motor speed to help keep the pumps out of cavitation. Warnings can be sent to you through our mobile app to alert you of impending cavitation.

Easy installation & space savings

The HANS Premium Water Redundant Pump gives you true plug-and-play ease of installation. Hook up the inlets and outlets, then use the touchscreen control boxes to set them up. It has a footprint of only nine square feet so it won't get in the way.

We didn't skimp on anything

Building a pump to last means using the highest grade bearings and seals. That's why HANS Premium Water Redundant Pumps come with zirconia ceramic seals and high-speed sealed bearings. Combine that with a cool-running, variable-speed motor plus built-in backup, and you have a pump you can rely on.



Control boxes

The proprietary touchscreens controls allow you to adjust motor speed and pressure (from five to 80 PSI in increments of five). The control box is WIFI compatible and keeps you alerted to pump conditions through our proprietary mobile app.

Specifications

Rated Flow	35 GPM @ 50 PSI
Voltage	120 to 250v AC Single Phase
Rated Power	3HP - 48V DC

RPM	3,300 (single); 2,600 (dual)
Stages	9
Max Pressure	80 PSI

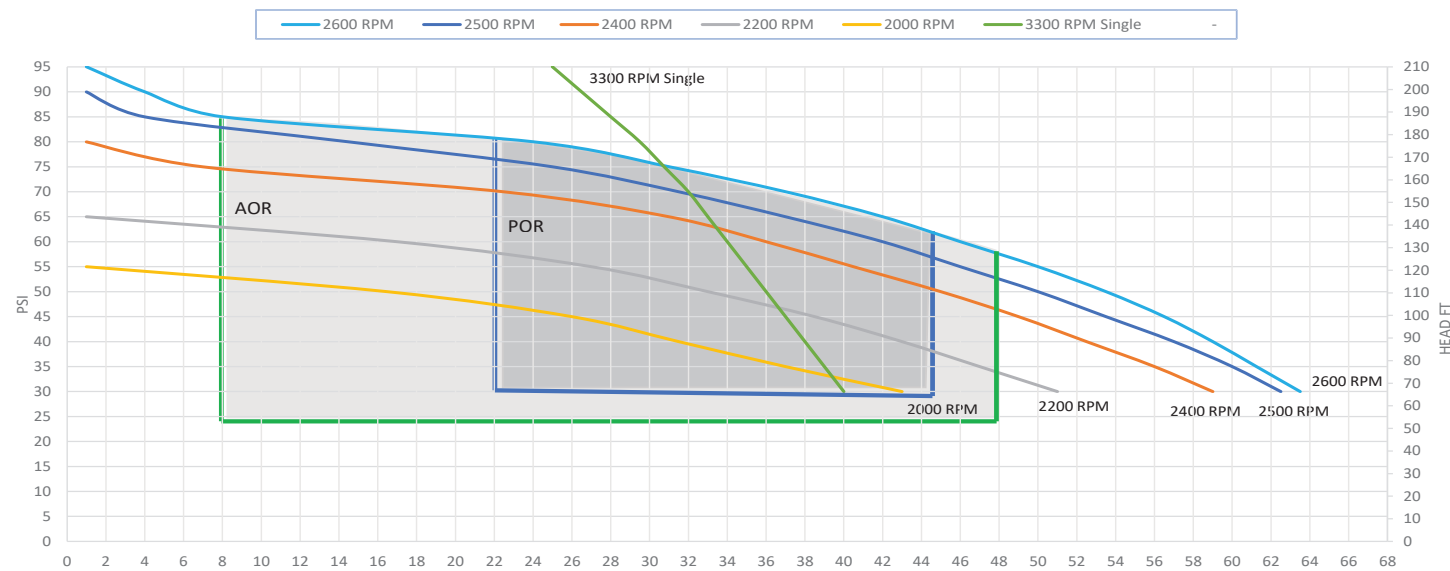
- **Pressure boosting**
- **Liquid distribution**
- **Liquid transfer**



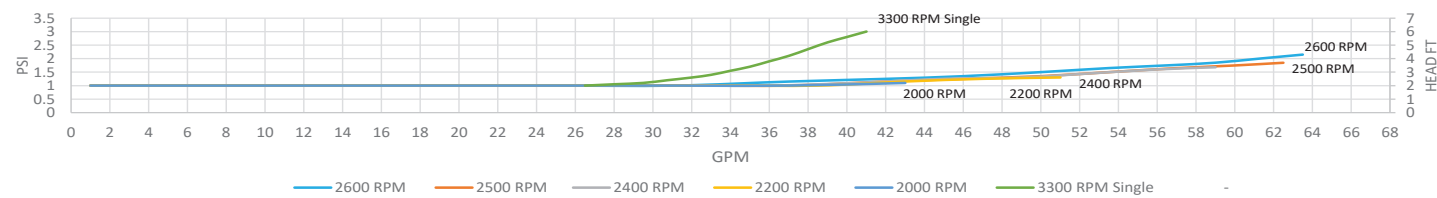


What if your pumps never went down?

POR: Preferred operating range / AOR: Acceptable operating range



NPSH curve



The HANS™ Premium Water Redundant Pump

A multi-stage booster pump system

**Built from the ground up
Built to last
Built-in redundancy**



Specifications subject to change without notice.
Designed and assembled in an ISO 13485 facility in Michigan.

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