

GIVES YOU AN “INTELLIGENT” WELL SYSTEM.

The PENTEK INTELLIDRIVE™ Water Pressure Control Center is a “Variable Frequency Drive” that directs changes in submersible pump motor speed, responding to fluctuations in demand.

It maintains constant water pressure, regardless of how many people or appliances are using water at the same time.



PENTEK INTELLIDRIVE™ WATER PRESSURE CONTROL CENTER

WHAT IT DOES FOR YOU...

Strong, Equal Pressure, Everywhere

You'll recognize the difference right away. Water pressure stays the same: in the shower, for the dishwasher...everywhere in the home. And when you're outside, you'll enjoy a lush, green lawn. Sprinkler systems will perform at their best, with consistent spray patterns and complete coverage.

Longer Pump and Motor Life

“Soft Start/Coast to Stop” design minimizes stress on the pump motor, extending its overall life.

Peak Appliance Performance

Your dishwasher and washing machine depend on adequate water pressure. PENTEK INTELLIDRIVE helps ensure that your dishes and clothes come out as clean as they can be.

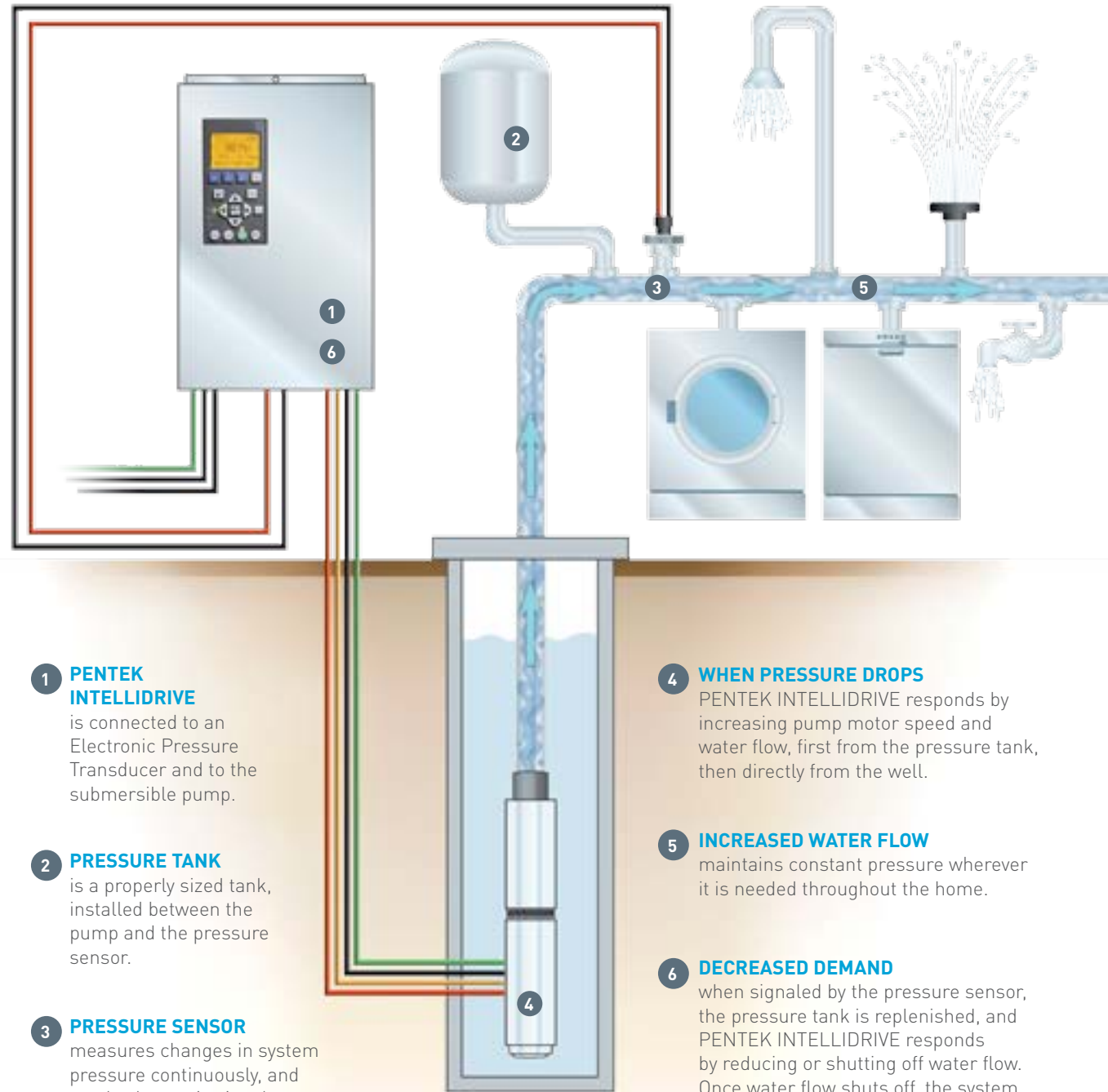
Space-Saving

A system equipped with PENTEK INTELLIDRIVE can use a smaller water pressure tank, so it saves space and money.

LCD Information Center

The PENTEK INTELLIDRIVE control features an easy-to-understand display of information that makes monitoring status and troubleshooting easy.

HOW PENTEK INTELLIDRIVE WORKS...



- 1 PENTEK INTELLIDRIVE** is connected to an Electronic Pressure Transducer and to the submersible pump.
- 2 PRESSURE TANK** is a properly sized tank, installed between the pump and the pressure sensor.
- 3 PRESSURE SENSOR** measures changes in system pressure continuously, and sends electronic signals to PENTEK INTELLIDRIVE.

- 4 WHEN PRESSURE DROPS** PENTEK INTELLIDRIVE responds by increasing pump motor speed and water flow, first from the pressure tank, then directly from the well.
- 5 INCREASED WATER FLOW** maintains constant pressure wherever it is needed throughout the home.
- 6 DECREASED DEMAND** when signaled by the pressure sensor, the pressure tank is replenished, and PENTEK INTELLIDRIVE responds by reducing or shutting off water flow. Once water flow shuts off, the system returns to monitoring phase until the next demand for pressure adjustment.

SAY GOODBYE TO LOW WATER PRESSURE.

If you can't count on strong water pressure from your well system, it's a frustrating daily experience.

For example...

Your showers go from "peak to weak"

Your dishwasher can't get dishes clean

Your sprinklers can't cover your entire lawn, so you get "dead spots"



Homeowners love PENTEK INTELLIDRIVE™.

"What a difference! Before, we couldn't take a shower if the sprinkler or dishwasher were running. Now, we can do everything at the same time, and the water pressure's always great!"

"Our dishwasher wasn't getting dishes clean enough, and I thought we needed a new one. But the real problem was low water pressure, and since we added PENTEK INTELLIDRIVE to our system, our dishes come out sparkling clean."



Inadequate pressure happens when the home's demand fluctuates.

For instance, if you're taking a shower, water pressure drops when someone starts the dishwasher or turns on a faucet.

Sudden demand from just one fixture or appliance produces a pressure drop in every other fixture or appliance in the house.

**There is a solution.
PENTEK INTELLIDRIVE™**



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PENTEK INTELLIDRIVE™ WATER PRESSURE CONTROL CENTER

**Now, you can have constant water pressure
throughout your home.**