

HVAC FROM GRUNDFOS IT'S EVERYONE'S COMFORT ZONE.



SIMPLICITY



EFFICIENCY



RELIABILITY



The **RIGHT** Innovation Means Less Complexity

What does your comfort zone look like? Is it a project done right, on budget and on time? A system that minimizes energy consumption? A building so reliable that tenants never complain?

Engineer, contractor or building owner, your answer is likely “all of the above.” And that means you need an HVAC solution from Grundfos.

See how our approach includes:

- Advanced Design
- Precise Control
- Ongoing Optimization

SEE WHY THE **RIGHT** INNOVATION **MEANS LESS COMPLEXITY**

We're designing smarter HVAC pumping solutions that use data to control, optimize and adapt your entire system, without your intervention. And we're delivering it in a complete, simplified setup that saves you time and energy.

ADVANCED DESIGN, EASY INSTALL

A smart system is more than the sum of its intelligent parts. We've combined the best of our component-level expertise into comprehensive HVAC systems that make everything easier.

- Receive a system with every part designed, perfected and integrated by Grundfos: pumps, motors, drives, controls, sensors and more
- Reduce install costs and commissioning times with a single-source supplier
- Cut integration complexity with minimal connection points and intuitive interfaces

PRECISE CONTROL, SIMPLE SETUP

The industry's most sophisticated algorithms and integrated sensors collect and process your building's data to give you more control with less intervention.

- Manage full- and part-load conditions most efficiently with the combination of proportional pressure control mode, built-in sensors and ECM motors
- Minimize the effects of Delta T syndrome and building drift — without remote sensors
- Commission quickly with pre-configured control mode options that don't require fine-tuning and multiple site visits

ONGOING OPTIMIZATION, BETTER PERFORMANCE

With smart pumps at the heart of managing energy flow through your building, you now have all the data needed to adapt and move water through the building at the lowest kW without sacrificing comfort.

- Get actionable insights that improve building efficiency
- Protect performance with fault detection and diagnostics from Grundfos Building Analytics
- Continuously monitor performance and energy consumption, with alerts that help you prevent building drift

WHY SENSORS?

Sensors get a bad rap. Though they're proven to be the best way to collect accurate data, they can be a pain to install, especially remotely. Grundfos has explored the sensor issue from every angle, including using no sensors at all. We learned that you really do need sensors to deliver real system data to get the most reliable control and maintain design intent. That's why we have invested heavily in our sensor technology. We integrate state-of-the-art sensors directly into the pump to give you all the benefits with none of the headaches.



Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.