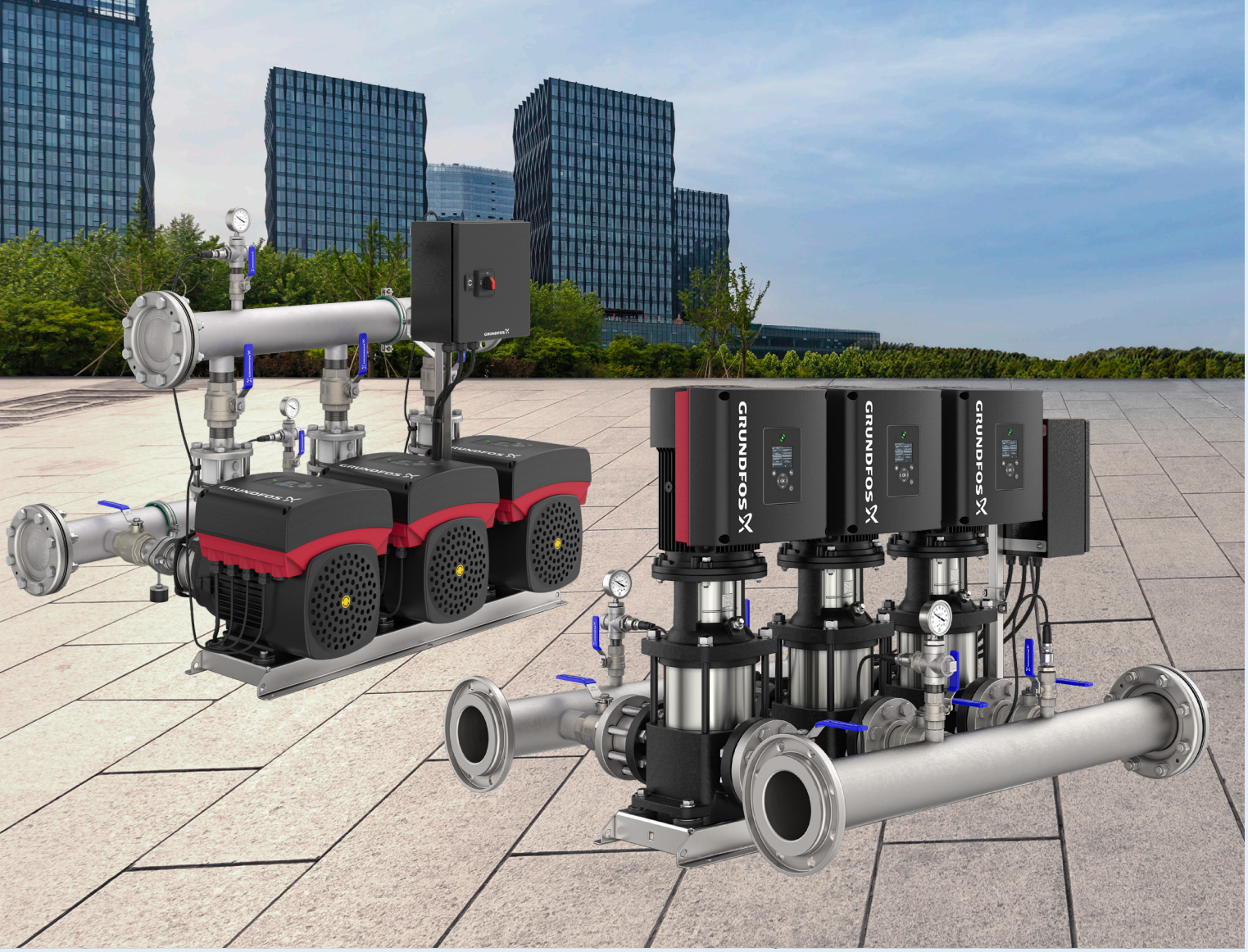


Hydro Multi-E Modular Pumping Systems

Compact, reliable and versatile modular pumping solution with fully redundant system controls for plumbing and HVAC applications

GRUNDFOS

Possibility in every drop

Intelligent, modular pumping systems with built-in controls

The Hydro Multi-E is a compact and versatile modular pumping system designed for variable water flow needs, including hydronic water circulation and pressure boosting. For energy savings and comfort, the Hydro Multi-E system uses parallel mounted Grundfos CRE or CME variable-speed pumps with state-of-the-art integrated ECM MLE motors that provide industry-leading efficiency and reliability.

Pre-piped, pre-wired and pre-tested the Hydro Multi-E arrives fully assembled and ready for installation with only 4 points of connection (suction, discharge, electrical and BMS/ SCADA).

Hydro Multi-E applications

- Commercial and large residential building pressure boosting
- Hot/Cold hydronic water circulation
- Industrial processes
- Irrigation

Reliable and versatile with full system redundancy

High-efficiency MLE motors
The Grundfos ECM MLE motors exceed IE5 motor efficiency standards, set by the International Electrotechnical Commission, currently the highest efficiency level worldwide for electrical motors. NEMA premium efficient motors are equal to IE3 efficiency. Our ECM MLE motors are two IEC efficiency levels above NEMA premium. These higher efficiencies result in reduced energy consumption by an average of 7-9%.

Multi-Master system control redundancy
Hydro Multi-E keeps your system running—even if a sensor or master pump fails. Control instantly shifts to the next sensor-equipped pump, ensuring continuous performance without needing an external controller. All settings are managed directly from the pump (MLE HMI), delivering peace of mind, maximum uptime, and effortless reliability.

Communication interfaces
Hydro Multi-E connects effortlessly to your existing BMS or SCADA system via Grundfos' CIM interfaces. With support for BACNET, MODBUS, Ethernet and many other protocols, you get full process monitoring and control from a single, reliable connection.

Remote monitoring with Grundfos GO
Take full command of your Hydro Multi-E system with the intuitive Grundfos GO Remote app. From installation to maintenance, everything becomes faster, easier, and more reliable.

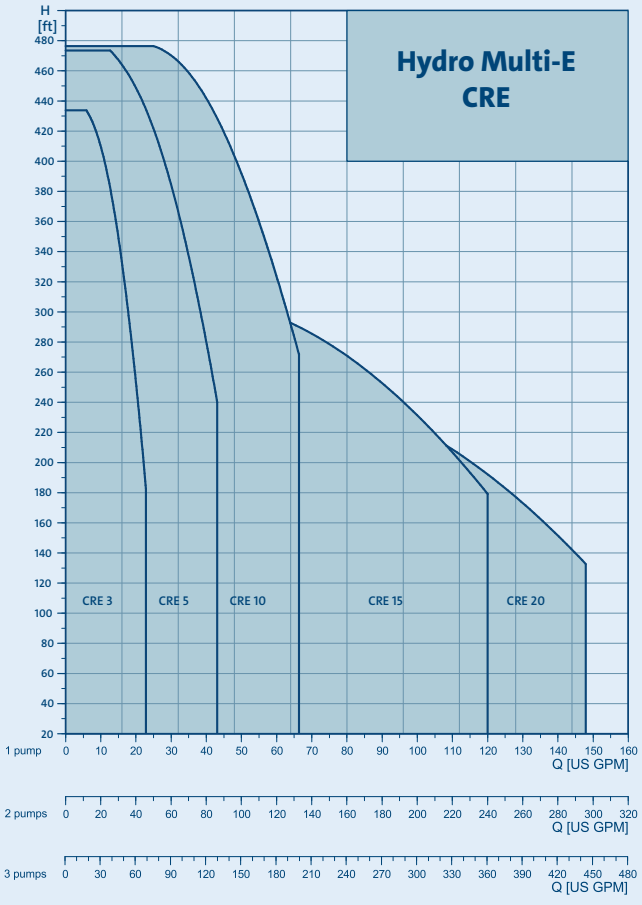
- Remote Monitoring and Control:
  Adjust settings, track performance, and view real-time data—right from your phone.
- Fast Setup & Commissioning:
  Step-by-step guidance and multi-language support streamline every stage.
- Instant Reporting:
  Generate and share professional PDF reports on the spot—no paperwork needed.
- Built-In Troubleshooting:
  Diagnose issues instantly with clear insights and recommended actions.

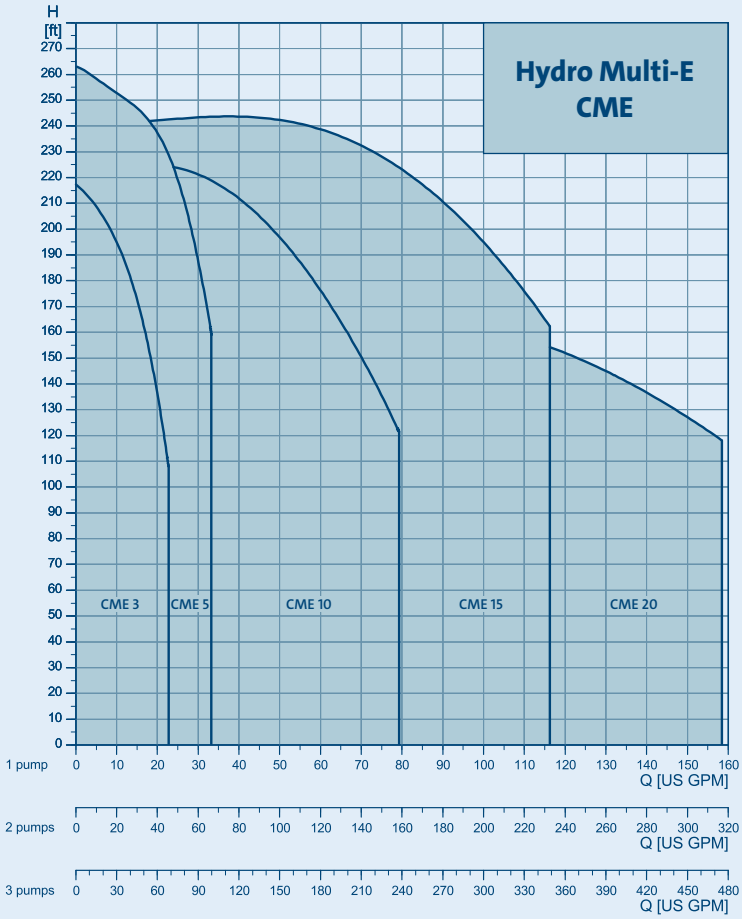
Standard configuration of all systems

- 2 and 3 pump systems with CRE3-CRE20 and CME3-CME25 pumps
- All motors capable of master motor control
- Two standard discharge and suction sensors — 100% redundancy
- Standard advanced control available via Human Machine Interface on all pumps
- Advanced functionality:
  - Differential pressure control
  - Proportional pressure control
  - Setpoint influence
  - Soft pressure build-up
  - Redundant CIM capability
- System NSF61/372 certified
- UL listed package pumping system

Technical data	
Product range	2-3 pumps
Max flow	475 gpm (CME) 462 gpm (CRE)
Max pressure	264 ft (CME) 475 ft (CRE)
Max power	7.5 hp (CME) 10 hp (CRE)
Liquid temperature	41°F to 140°F (all CME & CRE3 to CRE5) 41°F to 180°F (CRE10 to CRE20)
Ambient temperature	41°F to 104°F

Performance curves





Visit Grundfos Product Center to access an overview of all products, specifications, and applications. **product-selection.grundfos.com/us**

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Grundfos — Possibility in Every Drop

Since their founding in 1945, Grundfos has remained driven to make water more accessible and reliable, to reduce energy waste and increase efficiency. By innovating smarter solutions that save energy and reduce water waste, they are leading the way for a more sustainable tomorrow. As the largest pump manufacturer in the world, Grundfos has 20,000 employees across 65 countries, and produces 17 million pumps per year, with an annual revenue of $5.1 billion.

Grundfos has served the United States market for more than 50 years and has 15 operations, service and manufacturing sites across 10 states with a total of 1,600 U.S. employees. The U.S. is Grundfos' leading market, and they produce 1,000,000+ pumps there annually.

Learn more at **grundfos.us**

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

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