Vertical Multistage Centrifugal Pumps

GRUNDFOS
EXPANDED RANGE OF CRs

With its optimized hydraulic design — from impeller and guide vanes to inlet, discharge port, sleeve and diffuser — the new generation of Grundfos CR offers world class energy efficiency. Due to its small footprint, it is much easier and less costly to install than other pump designs.

The new generation of large CR pumps has been made even more robust than its forerunners through use of state-of-the-art technology in simulation-design, materials, testing, and production. Every pump is individually tested before leaving the factory, and reimagined features reduce pump downtime and lower operating costs.

The new generation adds even more options to what was already the most modular pump program in the world, including higher pressure, lower NPSH and the use of standard motors. And of course, the new CRs are also available as combined systems with dedicated CUE frequency converter and as boosters systems.

KEY FEATURES AND BENEFITS

- Compact, inline design fits into small footprint
- Improved impeller design reduces energy loss
- Easy installation and operation with settings and internal connections done at the factory
- Highly efficient design reduces energy consumption by up to half compared to fixed speed pumps
- Unique cartridge seal design can be replaced in minutes
- Spacer coupling allows motor to be left in place during seal replacement
- Laser welded stainless impellers promote class leading efficiency
- Optional CR Cool-Top™ allows pump to withstand liquid temperatures of up to 356°F
- Wetted parts available in cast iron/304 stainless steel or all 316 stainless steel
- MAGdrive option available for demanding industrial applications where zero-leakage is required

APPLICATIONS

- Pressure boosting
- Process water transfer
- Boiler feed
- Cooling and air conditioning
- Firefighting systems
- Special liquids transfer
- Filtration
- Reverse osmosis
- Filtration and transport water works
- Distribution from water works

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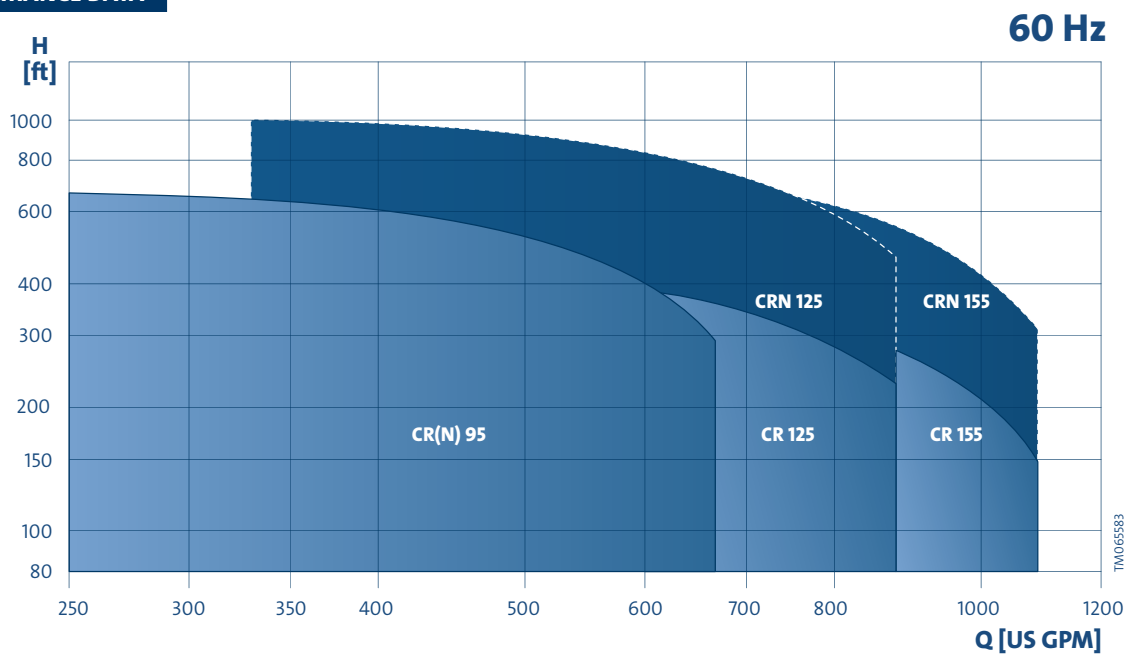
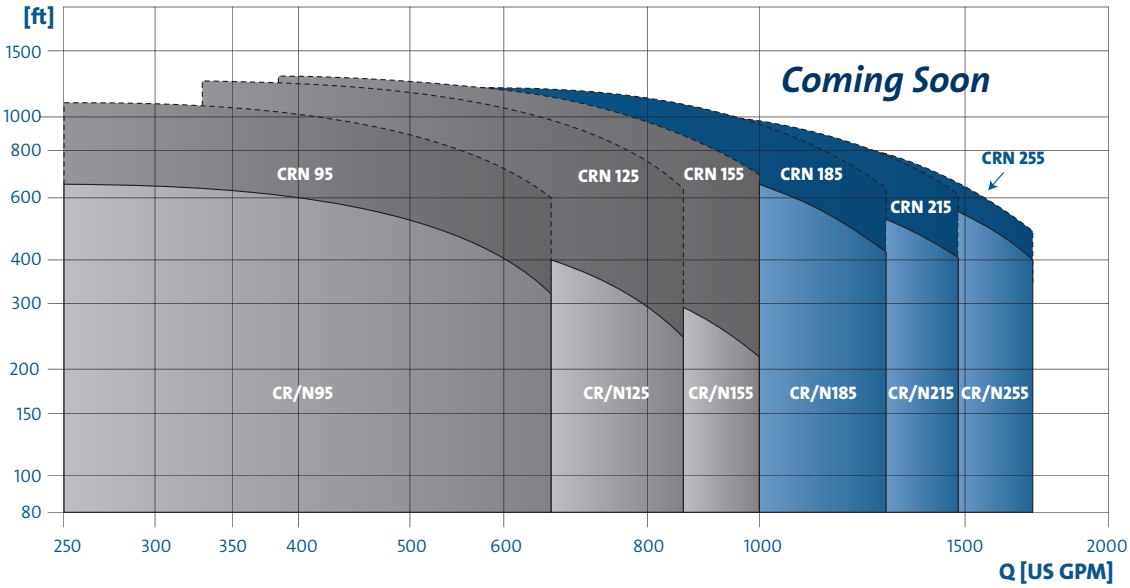
PERFORMANCE DATA





GRUNDFOS **SELECTION TOOLS**

Need to configure, size or select a product? From performance data to submittal documents and everything in between, Grundfos can help you find the perfect-fit pumping solution. To learn more about our selection tools for standard pumps and systems, digital dosing and engineered-to-order solutions, visit: **grundfos.ca/select**

Visit grundfos.ca/pei to learn more about Natural Resources Canada (NRCan) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.

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