GRUNDFOS

Grundfos CR Series Vertical Multi-Stage Centrifugal Pump

Modular, high-efficiency vertical multistage centrifugal pump engineered for heavy-duty pressure boosting, water treatment, cooling, and industrial fluid processing. Designed with in-line connection ports, optimized hydraulics, and an easy-to-service cartridge shaft seal that reduces maintenance downtime.



NSF/ANSI 61 & 372 Certified | UL Listed | CE Marked

KEY SPECIFICATIONS

Flow capacity	Up to 1,400 GPM (320 m³/h)
Max head	Up to 1,300 ft (400 m)
Working pressure	232 PSI to 725 PSI (16 to 50 bar)
Liquid temperature range	-40°F to 356°F (-40°C to 180°C)
Motor power range	0.5 HP to 270 HP (0.37 kW to 200 kW)
Material options	CR (Cast Iron / 304 SS) CRI (304 SS) CRN (316 SS) CRT (Titanium)
Connections	ANSI Flanges, Oval NPT, DIN Flanges, PJE Couplings
Pump type	Vertical Multistage Centrifugal Pump
Key features	Cartridge seal design for fast maintenance, low-NPSH options, high-efficiency impellers, compatible with CUE variable frequency drives

FEATURES

- High-efficiency vertical multistage design
- Modular and compact construction
- In-line connection ports
- Cartridge shaft seal for easy maintenance
- Low-NPSH options
- Wide range of material configurations (CR, CRI, CRN, CRT)
- Optimized hydraulics for reliable performance
- Compatible with CUE variable frequency drives

APPLICATIONS

- Pressure boosting systems
- Water treatment and filtration
- HVAC systems
- Industrial fluid processing
- Cooling and chiller systems
- Irrigation and agricultural applications
- Commercial and residential buildings
- Municipal water supply systems
- Any application requiring reliable vertical multistage pumping

PRODUCT OPTIONS & CONFIGURATIONS

Model Series	Material	Flow Range	Head Range	Motor Range	Remarks
CR	Cast Iron / 304 SS	Up to 1,400 GPM	Up to 1,300 ft	0.5 – 270 HP	Standard configuration
CRI	304 Stainless Steel	Up to 1,400 GPM	Up to 1,300 ft	0.5 – 270 HP	Corrosion resistant
CRN	316 Stainless Steel	Up to 1,400 GPM	Up to 1,300 ft	0.5 – 270 HP	Enhanced corrosion resistance
CRT	Titanium	Up to 1,400 GPM	Up to 1,300 ft	0.5 – 270 HP	For aggressive / specialized liquids

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