MOST COMPLETE PACKAGED PUMPING SYSTEM PORTFOLIO IN THE INDUSTRY

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GRUNDFOS

FULL RANGE OF PACKAGED PUMP SYSTEMS FOR EVERY APPLICATION

Grundfos packaged pump system solutions are the industry leading choice for residential and commercial buildings, water supply, industry, and irrigation applications. Our complete packaged systems – the Grundfos Hydro MPC BoosterpaQ®, PACOpaQ, Hydro Multi-E, CRE Plus, Multi-B and CMBE – are all UL-listed, have complete system NSF61/ANSI 372 certification, and provide consistent, reliable and efficient operation to meet capacity requirements for your application. On the smaller spectrum, Grundfos SCALA2 and CMBE offer perfect pressure in easy to operate all-in-one units, with simple installation. Whatever the size or requirement of your application, Grundfos has the perfect solution.

SCALA2
- Plug-and-pump, simple controls, complete and compact unit
- Quiet operation, 47 dB(A) in typical use

Ambient temp.: max. 131°F
Liquid temp. : max 113°F
System pressure: max. 145 psi
Floors: max. 3
Taps: max. 8

Applications include:
Boosting for perfect pressure in single family homes and apartments, boosting from mains and tanks, boosting from wells up to 26 ft. deep, indoor and outdoor installations (NEMA 3 enclosure).

CMBE
- Plug-and-pump, complete and compact unit with stainless steel design
- Utilizes single CME pump with Grundfos integrated VFD and Permanent magnet motor

System pressure: max. 145 psi
Suction lift: max. 23 ft.
Liquid temp.: 32°F to 140°F
Ambient temp.: min. -4°F, max. 113°F (115V)/122°F (220V)
Supply voltage: 1x115 V, 1x200-240 V, 60 Hz

Applications include:
Residential and commercial water supply, pressure boosting, irrigation and dewatering.

MULTI-B
- Simple control, all VFD 2-3 pump system
- Utilizes CME 3-15 (A-version CI/304SS)

Flow, Q: max. 360 gpm
Head, H: max. 240 ft.
Liquid temp.: 32°F to 176°F
Working press.: max. 145 psi

Applications include:
Residential water pressure boosting, multi-story and apartment buildings, light commercial, rural areas requiring pressure boosting.

CRE PLUS
Complete, single CRE pump system.

Flow, Q: max. 450 gpm
Head, H: max. 790 ft.
Liquid temp.: max. 176°F
Working press.: max. 362 psi

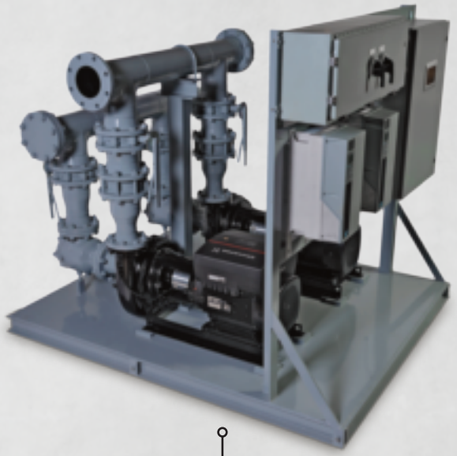
Applications include:
Boosting, water supply, irrigation, water treatment, industrial plants.

HYDRO MPC BOOSTERPAQ
- Advanced control, 2-6 pump system with CR/CRE pumps
- Control variants: -E, -F, -S

Key features:
- 100% definable, proportional pressure control
- Multi-sensor zone control
- Proportional pressure control with fall back sensor
- Differential control across pumps utilizing discharge and suction sensor
- Built-in data logging capability
- Check valve failure detection
- Pump sequencing based on highest efficiency

Flow, Q (2-6 pumps): max. 3,600 gpm
Head, H: max. 800 ft.
Fluid temp.: max. 176°F (higher on request)
Working press.: max. 400 psi

Applications include:
Multi-story and commercial pressure boosting, hydronic circulation (HVAC), municipal pressure booting and water transfer, industrial process and irrigation pressure boosting.



PACOpaQ
- 2-4 pump system, utilizes PACO end suction and vertical inline pumps
- Single point power connection with integrated control panel and Grundfos CUE VFD

Flow, Q : max. 4600 gpm
Head, H: max. 150 ft.
Liquid temp: 240°F
Operating pressure: 150 psi

Applications include:
Commercial and industrial HVAC for schools and universities, hospitals, data centers, and industrial process cooling and heating.

HYDRO MULTI-E
- 2-3 pump system, utilizes all CRE pumps with Grundfos integrated VFD and permanent magnet motors
- Integrated control panel in one of the motors and single point power connection
- Two pumps on system are capable of being master pumps to ensure complete redundancy

Flow, Q: max. 840 gpm
Head, H: max. 535 ft.
Liquid temp.: 32°F to 176°F
Working press.: max. 232 psi

Applications include:
Commercial building pressure boosting, turf irrigation, large residential, municipalities.

Grundfos Engineered Systems (GES)
GES designs and builds custom engineered systems ranging from a simple pump and driver arrangement on a skid to a fully enclosed, completely integrated pump and control center with a choice of electric drivers and all the required controllers, fittings and ancillary equipment according to ASHRAE 90.1 Buildings codes. We utilize the Grundfos complete range of inline, end suction, horizontal split case and vertical turbine PACO pumps, Peerless pumps, and Grundfos CR and E-motor pumps. These systems can include up to ten pumps, and range from 100 – 32,000 GPM total flow. High pressure systems up to 600 PSI are also available. Applications include large plumbing applications, all commercial HVAC, and industrial boiler hot water and steam systems.

GRUNDFOS TECHNICAL INSTITUTE

The Grundfos Technical Institute (GTI) offers busy professionals the opportunity to maintain their continuing education credits through a wide variety of flexible learning avenues.

Visit **www.grundfos.us/training**, to choose from a number of education possibilities that suit your needs and schedule, including face-to-face classes, group webinars and self-directed online courses.

GRUNDFOS BUILDINGS

Grundfos is a leading supplier of full-range pump solutions from heating and cooling to pressure boosting and every application in between. At Grundfos, we think beyond the pump. From the largest, most complex applications to the smallest, we utilize our in-depth pump knowledge and our unrivaled range of intelligent pumping systems.

This approach has made us a preferred partner for contractors, consulting engineers, building owners, and many others as they look to boost performance and reduce energy consumption. In addition, Grundfos offers a robust portfolio of solutions for heating, hot water recirculation and other critical applications in and around the home.

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