

# MOST COMPLETE PACKAGED PUMPING SYSTEM PORTFOLIO IN THE INDUSTRY



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think  
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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 – the Grundfos Hydro MPC, Hydro Multi-E, CRE Plus, Multi-B and CMBE – are all UL-listed, and provide, reliable and efficient operation for your application. Whatever the size or requirement of your application, Grundfos has the perfect solution.

## SCALAZ2

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

### 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).

**Ambient Temp.:** max. 131 °F

**Liquid Temp.:** max. 113 °F

**System Press.:** max. 145 psi

**Floors:** max. 3

**Taps:** max. 8



## CMBE

The CMBE provides unmatched reliability, quiet operation, and energy savings with an all-in-one solution including pump, motor, tank, pressure and flow sensor, controller and check valve.

- Plug-and-pump, complete and compact unit with stainless steel design
- Utilizes single CmE pump with grundfos integrated VFD and permanent magnet motor

**System Press.:** max. 145 psi

**Suction Lift.:** max. 23 ft. including suction-pipe press. loss at a liquid temp. of 68 °F

**Liquid Temp.:** -22 °F to +248 °F

**Ambient Temp.:** max. 113 °F for 115V  
max. 122 °F for 220V  
min. -4 °F

**Sound Press. Level:** max. 55 dB(A)

**Supply Voltage:** 1x115 V,  
1x200-240V, 60 Hz



## HYDRO MULTI-B

An industrial quality and quiet horizontal multi-stage pump, the compactness of the Hydro Multi-B is only achievable due to the unique combination of size and performance that the Grundfos CME allows.

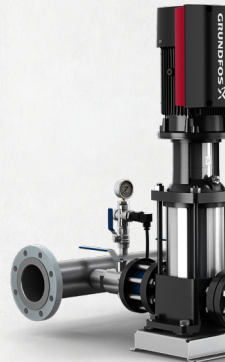
- Simple control, all VFD 2-3 pump system
- Utilizes CME 3-15 (A-version CI/3045S)

**Flow, Q:** max. 360 gpm

**Head, H:** max. 240 ft.

**Liquid Temp.:** -32 °F to 176 °F

**Working Press.:** max. 145 psi



## CRE PLUS

The CRE Plus optimizes pumping efficiency at all times, saving energy, driving down costs and lessening system wear and tear. CRE pumps maintain constant pressure at any time, even with the most challenging variations in demand.

**Flow, Q:** max. 450 gpm

**Head, H:** max. 790 ft.

**Liquid Temp.:** max. +176 °F

**Operating Press.:** max. 362 psi

## HYDRO MPC

The Hydro MPC BoosterpaQ is a fully integrated system with pump, motor and VFD— all from one manufacturer. The system is controlled by the advanced CU 352 MPC controller, and features the extremely reliable, high efficiency CR pump range with MLE permanent magnet (ECM) integrated VFD/motor.

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

### Key features:

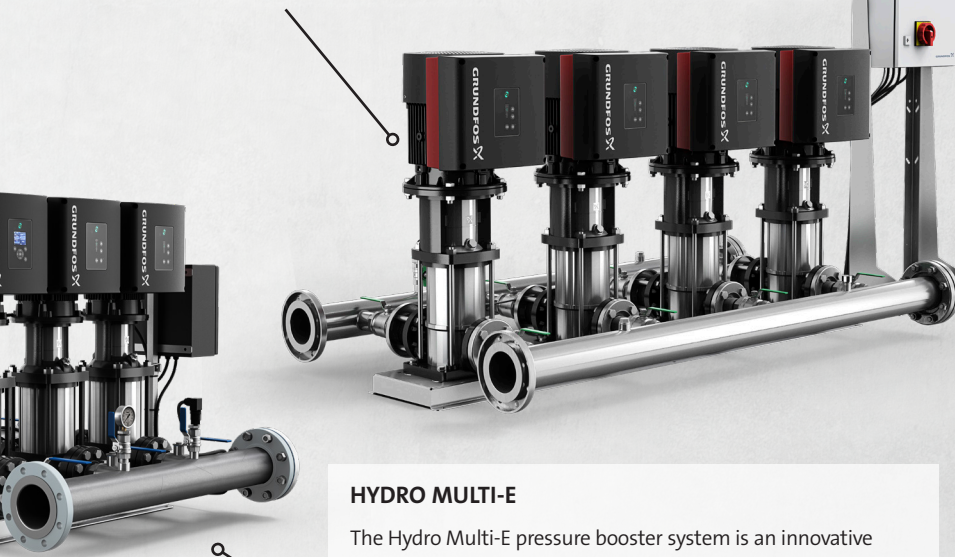
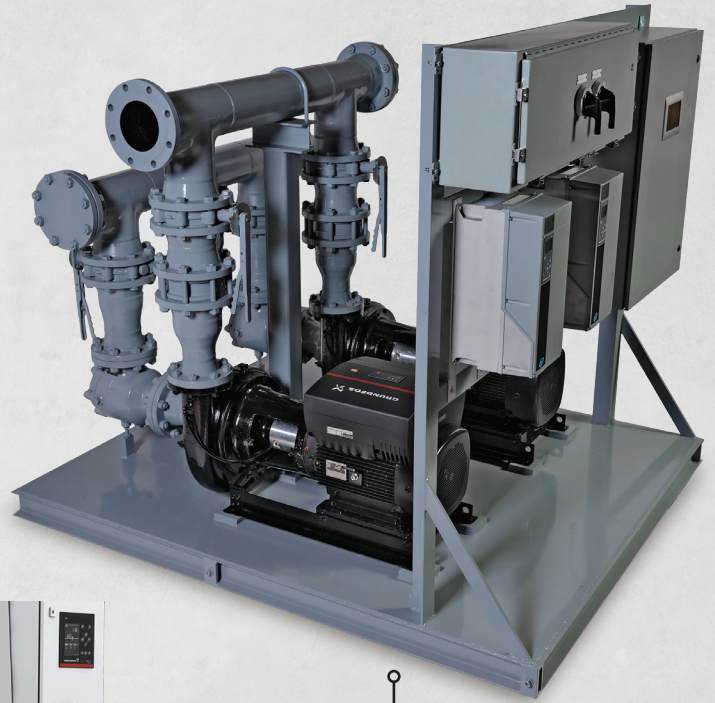
- 100% definable, proportional pressure control
- Multi-sensor zone control
- Proportional pressure control with fall back sensor
- Built-in data logging capability
- Pump sequencing based on highest efficiency

**Flow, Q (2-6 pumps):** max. 3,600 gpm

**Head, H:** max. 800 ft.

**Liquid Temp.:** max. 400 psi

**Approvals:** System NSF 61/372 Approval  
OSHPD - Seismic Certification  
(OSP-0491-10)  
UL Listed Packed pumping System



## GRUNDFOS ENGINEERED SYSTEMS

Grundfos Engineered Systems (GES) offers a broad range of products from standard designs to site specific engineered-to-order solutions. These solutions include optimized pumping systems with the selection of most efficient pump types and technologies and intelligent controls available for each application. The GES packages arrive pre-wired, pre-piped and pre-commissioned. A GES packaged system will eliminate the headaches of cost over-runs and unforeseen operational problems often experienced with a component system. Total cost and schedule are accurately determined long before installation is completed.

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

## HYDRO MULTI-E

The Hydro Multi-E pressure booster system is an innovative boosting solution for variable water flow applications. For energy savings and comfort, the Hydro Multi-E system uses parallel mounted Grundfos CRE variable-speed pumps that have a reputation for providing the ultimate efficiency and reliability. With a state-of-the-art integrated ECM MLE motor, the Hydro Multi-E arrives ready to install.

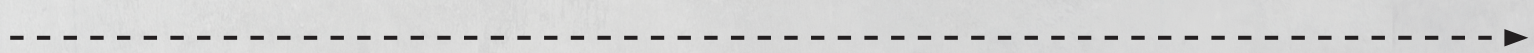
- 2-3 pump system, utilizes all CRE pumps with Grundfos integrated VFD and permanent magnet motors
- Integrated control panel in one of the motors and single point power connection
- Two pumps on system are capable of being master pumps to ensure complete redundancy

**Flow, Q:** max. 460 gpm

**Head, H:** max. 475 ft.

**Liquid Temp.:** -32 °F to 176 °F

**Working Press.:** max. 232 psi



# 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](http://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.