DEMAND MORE FROM YOUR BUILDING

Make Grundfos your partner in the fight for pump system efficiency





HOW INTELLIGENT IS YOUR BUILDING?

Our integrated pumps, variable frequency drives, control units, communication modules and remote monitoring systems make Grundfos the intelligent choice for all application areas within the building. Our industry-leading solutions are designed with the following benefits:

- Extreme reliability to reduce maintenance requirements and extend pump life
- Energy efficiency to save money on utility bills and reduce lifecycle costs
- Integrated design to make our smart pump systems quick and easy to install and start up
- Compact footprint to save space in your mechanical room



Grundfos variable frequency converters allow your pump system to adapt continuously to system demands, reducing lifecycle costs, improving overall system efficiency, providing properly regulated indoor climate and significantly lowering carbon dioxide emissions.



CENTRAL PLANT

DISTRICT ENERGY Grundfos delivers both the expertise and the high-performance pumping systems to meet demands for energy savings, decreased lifecycle costs and increased comfort and convenience for end customers.



PRESSURE Our fully integrated, all-in-one packaged systems are designed to meet changing capacity BOOSTING requirements with optimal efficiency.

WASTEWATER

Grundfos wastewater solutions build on decades of expertise, allowing us to balance performance, reliability, cost efficiency and serviceability. Grundfos can design the entire system or provide high-quality components.



Grundfos designs and delivers fire protection solutions ranging from simple pump-driven systems to highly innovative engineered and packaged systems that comply with all relevant fire standards.



RAINWATER HARVESTING

PROTECTION

FIRE

Grundfos offers complete rainwater harvesting systems with integrated controls to collect rainwater for non-potable purposes such as toilet flushing, washing machines, cooling towers and irrigation.



WATER TREATMENT

Grundfos chlorine dioxide disinfection systems ensure safe, clean water throughout the building.



OVERVIEW OF HVAC APPLICATIONS





MAGNA3 Most efficient commercia circulator on the market with intelligent controls



Vertical in-line pump featuring a motor with built-in frequency converter

TPE



Frame mounted end suction PACO pumps available with integrated MLE variable speed motor to optimize energy efficiency

LF. LFE



LCS Single stage, end suction, split coupled PACO pump with a compact design



LCSE Compact single stage, end suction, split coupled PACO pump with integrated Grundfos MLE motor, drive and control



VL Space-saving PACO inline pumps with integrated motor, variable frequency drive and control with Grundfos sensor technology



VLSE, VLSC Inline, split coupled, variable speed pumps integrated with Grundfos MLE motor, drive and control, or with Grundfos CUE drive and control



Dedicated control Advanced controller for up to 6 pumps for wastewater pumping stations



CR. CRE Energy efficient vertical inline multi-stage pumps



CRE-DP Plug-and-pump solution with proportional differential pressure control using a factory-mounted senso



KP The innovative hydraulic design, ease of maintenance, low life-cycle cost, and energy efficiency of horizontal and vertical PACO split case assures maximum benefits for the user



efficiency of horizontal and vertical PACO split case assures maximum benefits for the user

Hydro MPC BoosterpaQ Our premier fully integrated pre-engineered packaged pumping system with advanced control capability and energy efficient vertical inline multi-stage pumps









Heat exchangers, expansion tanks, tangential air separators, combination valves, suction diffusers and hydraulic separators all sold separately or can be integrated into a customized packaged system



Space-saving vertical space miser pumps available close coupled or axially split



Space-saving axially split vertical space miser pump with integrated Grundfos MLE motor, drive and control



DME Dosing pumps that combine perfect precision with user-friendliness for large dosing quantities from 15.9 to 248gph

DDC, DDE, DDA

Next-generation variable

controlled metering pumps

speed micro-processor



OXIPERM PRO Chlorine dioxide production systems for fighting Legionella and other



ns in drinking water

Complete chemical-feed packaged systems featuring the latest technology from Grundfos Dosing









PACOpaQ Pump Skids Standard HVAC systems with PACO-brand pumps and Grundfos intelligent control



PACOpaQ Solutions Fully integrated modular solu tions customized for specific applications

Hydro MPC



BoosterpaQ Our premier fully integrated pre-engineered packaged pumping system with advanced control capability and energy efficient vertical inline multi-stage pumps



KP

KPV

for the user

Hydronic

The innovative hydraulic design, ease of maintenance, low life-cycle cost, and energy efficiency of horizontal and vertical PACO split case assures maximum benefits for the user

The innovative hydraulic design, ease of maintenance,

vertical PACO split case

assures maximum benefits

low life-cycle cost, and energy efficiency of horizontal and



Accessories Heat exchangers, expansion tanks, tangential air separators, combination valves, suction diffusers and hydraulic separators all sold separately or can be integrated into a customized packaged system

GRUNDFOS EXPRESS SUITE www.grundfosexpresssuite.com

- Online sizing and information tool for commercial pumps and accessories
- Easy-to-use service information on each pump







DISTRICT ENERGY CENTRAL PLANT



CR, CRE Energy efficient vertical inline multi-stage pumps



Dedicated control Advanced controller for up

to 6 pumps for wastewater pumping stations



LFE

Close coupled split coupling and Frame mounted endsuction pumps with MLE motor to optimize energy efficiency

LCS



LCSE

Compact single stage, end suction, split coupled PACO pump with integrated Grundfos MLE motor, drive and control





VLSE, VLSC

Inline, split coupled, variable speed pumps integrated with Grundfos MIE motor drive and control, or with Grundfos CUE drive and control

VLS

Space-saving PACO inline pumps with integrated motor, variable frequency drive and control with Grundfos sensor technology



VSM, VSMS

Space-saving vertical space miser pumps available close coupled or axially split



VSMSE

Space-saving axially split vertical space miser pump with integrated Grundfos MLE motor, drive and control



GRUNDFOS PRODUCT CENTER www.product-selection.grundfos.com

- Online sizing tool for quick pump selection and CAD drawings
- Easy-to-use service information on each pump
- Instant access to saved items, including complete projects
- Optimized for mobile devices

OVERVIEW OF PLUMBING APPLICATIONS



WASTEWATER



SLV, SL1 Submersible pumps designed to handle sewage, effluent and large volumes of surface and process water



Submersible grinder pump for pumping effluent and sewage in small communities or areas without sewer systems

SEG



Dedicated control Advanced controller for up to 6 pumps for wastewater pumping stations



SLC, DLC Pump controllers designed for level control, monitoring and protection of pump systems



Unilift KP, AP Submersible drainage pumps

suitable for pumping drainage

water or gray wastewater



Hydro MPC **BoosterpaQ** Our premier fully integrated pre-engineered packaged pumping system with advanced control capability and energy efficient vertical



inline multi-stage pumps

efficient variable-speed end suction-type multistage pumps and easy-to-use user interface

Hydro Multi-E







PRESSURE

BOOSTING

R

CMBE Commercial-grade vet

compact constant pressure . booster pump

SCALA2

Domestic booster pump providing constant water pressure regardless of municipal inlet pressure and multiple open taps

CM, CME, CME-Plus

Efficient variable-speed end suction-type multistage pump

VSM, VSMS

Space-saving vertical space miser pumps available close coupled or axially split

VSMSE

Space-saving axially split vertical space miser pump with integrated Grundfos MLE motor, drive and control

WATER TREATMENT



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DME Dosing pumps that combine perfect precision with user-friendliness for large dosing quantities from 15.9 to 248gph

DDC, DDE, DDA

Next-generation variable

controlled metering pumps

speed micro-processor



1

















CR, CRE Energy efficient vertical nline multi-stage pumps

CM, CME, CME-Plus

Efficient variable-speed end suction-type multistage pump

Commercial-grade yet

compact constant pressure

CMBE

SBA

clean water

booster pump



FIRE **PROTECTION**

AEF

Peerless horizontal split-case fire pump



TUTF Peerless horizontal split-case multi-stage pump



PVF Peerless inline fire pump



VTFP Peerless vertical turbine pump

Hydro Multi-B

All-in-one submersible

booster pump for pumping

A unique combination of efficient variable-speed end suction-type multistage pumps and easy-to-use user interface

SCALA2

Domestic booster pump providing constant water pressure regardless of municipal inlet pressure and multiple open taps

GRUNDFOS GO

The Grundfos GO Remote gives you intuitive handheld pump control and full access to the Grundfos online tools on the go. So get ready to save valuable time on pump control, data collection and reporting with the most comprehensive mobile platform on the market.

- Full control over pump performance
- Easy-to-access information and assistance
- Greater connectivity 24/7

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.





BEYOND THE PUMP

Grundfos and its legacy brands provide a comprehensive range of customizable solutions and a holistic approach to commercial buildings. Grundfos has served North America for more than 40 years, flourishing from one small factory in Fresno, Calif., to 17 manufacturing, logistics, sales and service facilities throughout the region. Together, Grundfos, Paco, Peerless, Yeomans, Sewer Chewer and Morris provide a complete portfolio of products for the North American commercial buildings market.



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