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GRUNDFOS HIGHLIGHTS 2017

TO BE THE BEST BE WITH THE BEST



PERFECT WATER PRESSURE

GRUNDFOS SCALA2 – YOUR NEW ALL-IN-ONE WATER BOOSTER PUMP

GRUNDFOS SCALA2 is a fully integrated water booster pump delivering perfect water pressure to all taps. It features pump, motor, tank, sensor, drive and non-return valve in one compact unit that installs quickly and easily. With its intelligent pump control, SCALA2 adjusts performance to any demand – and with its water-cooled motor, it offers one of the lowest noise levels in its class. The result is maximum comfort with minimum effort.

KEY FEATURES

- Low noise
- Intelligent pump control
- Water-cooled, permanent magnet motor
- Dry running protection
- Self-priming
- User friendly control panel
- Outdoor-ready
- Sizing in seconds – Sizing and selection has never been easier. SCALA2 handles all boosting needs in residential buildings with up to 3 floors and 8 taps.



BE THE BEST WITH THE BEST TOOLS

Join Grundfos for a glimpse of the efficient, joined-up world of the future. At ISH 2017, we'll introduce you to our new, energy-efficient pumps, some of which are fitted with communicating MGE motors. We'll show you how our products already fit extremely well into the Smart home of tomorrow – and the Grundfos GO apps point the way to the digital future. Use Grundfos GO REMOTE to parameterise pumps and maintain them remotely. Hydronic balancing is easy to do with a smartphone and Grundfos GO BALANCE. Our Academy offers you free-of-charge training courses, while the Grundfos Product Center supplies you with indispensable knowledge. Find out for yourself how Grundfos makes life easier and more efficient.



GRUNDFOS GO INSTALL

GRUNDFOS GO BALANCE

GRUNDFOS GO REMOTE





GRUNDFOS MAGNA3

This universal range of pumps includes the 220 models for heating, climate control and cooling systems, as well as domestic hot water drinking systems. The whole series is highly efficient, incorporating the **AUTOADAPT** and **FLOWLIMIT** intelligent control systems for energy-efficient solutions, extending as far as heat quantity measurements. In some cases, the **FLOWADAPT** function avoids the need to use any additional balancing valves.

- Controllable via Display and Grundfos GO app
- Media temperature (-10 °C to +110 °C) independent of ambient temperature (0 °C to +40 °C)
- CIM plug-in module for integration into the building management system
- Pumping capacity up to 18 m and 70 m³/h



MGE MOTORS

The new MGE motors are made to measure for modern supply systems that can communicate with each other. They combine the highest energy efficiency levels with flexible options for connection to the building management system. Grundfos has produced its own drive systems for many years in order to make sure that the motors and pumps are matched perfectly to each other. Motors in the IE5* efficiency class are now available for many product ranges, thanks to targeted optimisation and attention to application-specific requirements.

* IEC 60034-30-2 TS

GRUNDFOS iSOLUTIONS

Grundfos iSOLUTIONS is a holistic approach that allows us to offer the customer an intelligent pumping solution for every type of application. This includes regulated pumps (E pumps) with integrated intelligence, as well as standard pumps that can be extended with the help of control systems, sensors, communication options and software to create an intelligent solution.

The individual components are joined together as required, creating a made-to-measure intelligent pumping arrangement that is ideally suited to the requirements of the system and the customer.



GRUNDFOS ALPHA3 SYSTEM

The ALPHA3 system comprises an ALPHA3 pump, the ALPHA Reader and the Grundfos GO Balance app. These three elements enable hydronic balancing to be unbelievably quick and accurate.

- Faster, more precise hydronic balancing in two-pipe, underfloor and mixed installations
- ALPHA3 pump with optimised hydraulics
- Grundfos GO Balance can issue a log for the hydronic balancing process

THE BEST METHOD FOR HYDRONIC BALANCING



In a hydronically balanced heating system, all radiators are supplied with the correct amount of hot water. This is the only way to heat every room in the house to the ideal level.

Unbalanced systems neither manage to exploit the full energy-saving potential of high-efficiency pumps, nor do they ensure an even distribution of heat throughout the house. Whistling thermostat valves are a further shortcoming that will affect domestic comfort.

The Grundfos GO BALANCE App is available free of charge from the App Store or from Google Play.



GRUNDFOS GO

Grundfos GO offers an intuitive, wireless pump control system via your smartphone, plus full access to all the Grundfos online tools. MAGNA3 and other E-pumps from Grundfos are suitable for communications via the Grundfos GO app. You can use the app to monitor, control and call up operating data from these pumps.

A variety of profiles with coordinated settings are integrated into the app to make it quick and easy for MAGNA3 pumps to be parameterised in standard applications.

- MAGNA3 AUTOADAPT operation for two-pipe heating systems
- Constant pressure regulation for underfloor heating systems
- MAGNA3 with external rotational speed adjustment via 0-10V or 4-20mA
- MAGNA3 emergency programme



The Grundfos GO app is available free of charge from the App Store or from Google Play.



GRUNDFOS TPE3

The TPE3 represents a quantum leap in inline pumps for commercial heating and cooling applications. It boasts outstanding pumping and motor efficiency values and incorporates a wide range of functions that improve the efficiency level of the overall system.

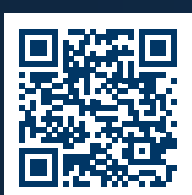
- **FLOWLIMIT** may make throttle valves unnecessary
- **Integrated ΔT control** saves energy and investment costs
- **Multi-pump functionality** for the connection of up to four pumps
- Potential for **heat quantity measurement** (requires 2nd sensor)
- **Easy to install**, commission and monitor
- **Input and output** connections for integration in the building management system



GRUNDFOS HYDRO MPC

Hydro MPC is the premium product within the pressure-booster system portfolio. A variety of outstanding product characteristics allow you to deal with all kinds of operational challenges affecting pressure-boosting systems. It is also easy to integrate into conventional building management systems, which makes it the perfect choice for complex facilities and modern, intelligent buildings.

- Complete range of products
- Easy to install
- "Stop" function for low flow volumes
- Reliability ensured through redundancy
- Energy-optimised cascading



GRUNDFOS PRODUCT CENTER

Grundfos' expert knowledge is always at hand at the Grundfos Product Center. Using the online tool, you can specify pump dimensions, search through the Grundfos product catalogue, choose the ideal replacement pumps or select according to media requirements, and much, much more – no matter where you might happen to be at the time. As a registered user, you'll have access to your saved personal settings, products and projects – direct from your computer, tablet or smartphone.

