

SUPERIOR BOOSTING

BY GRUNDFOS



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TAKE YOUR BOOSTER SOLUTION TO NEW HEIGHTS

The Grundfos Hydro MPC booster systems are renowned for their high performance and extreme reliability – and now the new advanced controller improves ease of operation and energy-efficiency even further.

If standard is simply not good enough for your building in terms of clean water pressure boosting, the Grundfos MPC booster system is the obvious choice. It combines unrivalled efficiency with an extremely simple user interface to ensure that all daily operations are easily handled in a variety of applications, including:

- High rise buildings
- Irrigation systems
- Booster substations
- General buildings

THE BRAIN OF THE SYSTEM – THE CU 352

The Hydro MPC booster system is equipped with pumps and motors that are among the best in the world. But in themselves, they are no guarantee of an overall low energy consumption. This can, however, be achieved by means of the brain behind the system, the CU 352 controller, offering:

High comfort

The pump speed is continuously adapted to the flow demand to keep the required pressure constant – and ensure high comfort throughout the day.

Energy savings

Using the pump curve data to determine the most efficient speed and the required number of pumps, the energy consumption is continuously optimised.

Easy operation

The big intuitive colour screen ensures easy operation just as the start-up wizard greatly facilitates commissioning.

Early warning

The incorporated log feature enables constant monitoring of system performance and allows the user to react and adjust in time.

Remote access

The controller communicates via the most common field-bus protocols – and features a built-in Ethernet connection, enabling remote access via a web browser.

100% GRUNDFOS

Every component in a Hydro MPC booster system – from the non-return valve to the manifold – is made by Grundfos. This is your guarantee that all technologies involved work perfectly together.



CU 352 CONTROLLER

The CU 352 controller controls up to six pumps and features both digital and analogue outputs. Control functions include pump start and stop speed, compensation for start-up time, forced pump changeover, dry run protection and soft pressure build-up.

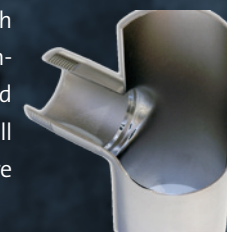
New features include:

- Colour screen
- Back-up battery
- CIM communication modules
- Setpoint ramping
- Log function

For a complete overview of functions, please consult the Hydro MPC databooklet.

MANIFOLD

The stainless steel manifold is made in an extruding process that eliminates “dead corners” and efficiently reduces noise, friction and bacteria growth in the pipes. High-quality welding and finish ensure that all hygienic standards are met.



PUMP

As standard, the Hydro MPC features the world's number one multi-stage centrifugal pumps, the all-stainless steel CR and CRE pumps – known for their reliability, efficiency and adaptability.

MOTOR

Motors used in Hydro MPC booster systems comply with IE3 as a minimum and feature a built-in VFD to ensure a compact system that is easily controlled.

About Grundfos

If you are looking for a competent partner for your pump requirements, Grundfos fits the label. We have produced high-quality industrial pumps for more than half a century. Every solution is backed by solid knowhow and a desire to constantly push the boundaries in innovative pump technology.

The range of booster pumps is a result of our commitment to excellence, offering reliable, efficient performance in a variety of applications, including:

- High rise buildings
- Irrigation systems
- Booster substations
- General buildings like offices, schools, hospitals and apartments.

As a truly global company, Grundfos is present in 45 countries around the world. Wherever you are based, extensive pump and pump application knowhow is available to you in your local language.

Explore the complete Grundfos portfolio at www.grundfos.com.

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