INTELLIGENT WATER BOOSTING MADE SMARTER

GRUNDFOS iSOLUTIONS | A SMART SOLUTION FOR YOU

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INTELLIGENT WATER BOOSTING MADE SMARTER

Water boosting is about providing constant pressure in any given application and at the same time ensure low energy consumption. Grundfos booster systems have unique functionalities improving overall energy efficiency and comfort.

So, whether you are looking for a system for light commercial, large commercial or industrial solutions; Grundfos booster systems can help optimize system performance as an integrated part of the communication suite in commercial buildings or industries.

- Designed to maximise efficiency
- Intelligent system control and insights into your system
- World-class hygienic design
- Standard plug-and-play or custom-built solutions

Plug & Pump

Fit for purpose, constant pressure range, quick installation and set-up. Connectible with needed functionalities.

SCALA2

Max Flow: **45 m³/h**
Max Head: **4 m³/h**

Hydro Solo-E

Max Flow: **71 m³/h**
Max Head: **95 m/155 m**

Hydro Multi-E CME

Max Flow: **80 m³/h**
Max Head: **150 m**

Hydro Multi-E CRE

Max Flow: **140 m³/h**
Max Head: **155 m**

GRUNDFOS iSOLUTIONS – SMARTER BOOSTER SYSTEMS

With Grundfos iSOLUTIONS, you get intelligent pumps and components working seamlessly together to enable full system integration. This ensures you have a solution that is efficient and a fully integrated part of the communication suite within any building monitoring system (BMS) or IoT platform.

REDUCED ENERGY CONSUMPTION
Grundfos boosters are designed to maximise efficiency. The systems automatically match the customers' water demand profile through the intelligent use of pump curves and cascade functions. The system will find the best efficiency point despite varying daytime and night time demand profiles.

The proportional pressure functions which optimise energy efficiency to the utmost, are a result of Grundfos engineers many years of experience in developing pump solutions.

Application Optimized

Premium range, intuitive set-up and control features for demanding applications.
Can be customized to fit specific needs.

Hydro Multi-MPC

Max Flow: **1080 m³/h**
Max Head: **155 m**

Hydro MPC

Max Flow: **+1380 m³/h**
Max Head: **155 m**

Custom built solutions

Max Flow: **+1380 m³/h**
Max Head: **+250 m**

HYDRO MULTI-B

RELIABLE BOOSTING SYSTEM WITH USER-FRIENDLY INTERFACE

IE5

USER-FRIENDLY, BASIC BOOSTING SOLUTION

The Hydro Multi-B is a simple and easy-to-use booster solution. The user-friendly control unit has the basic functionalities needed and together with the tank filling function, the Hydro Multi-B is a strong and reliable choice from the hydro booster product range.

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HYDRO MULTI-B IN MORE DETAIL

High efficiency IE5 Motors
All motors used within the range comes with IE5 rating, the highest energy efficiency level for electrical motors.

Dry run protection
A safety feature will stop the system if it runs dry. It can easily be set up to react to a digital input via e.g. a pressure switch or an inlet pressure measurement.

Standby pumps
It is possible to configure a number of standby pumps. The pumps will still alternate automatically to ensure that all pumps run eventually and no pumps seize up.

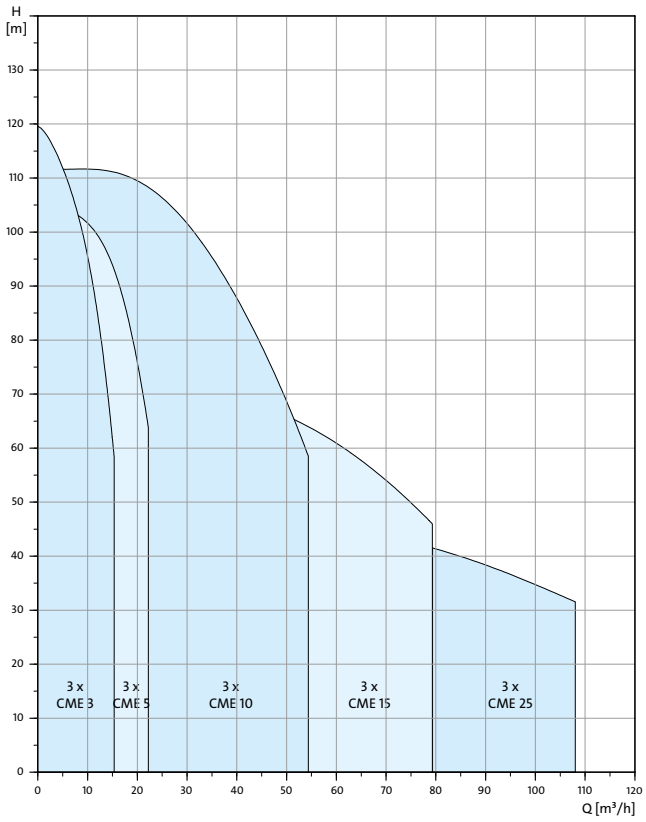
Maximum pressure alarm
A dedicated function monitors the discharge pressure and gives a warning/alarm if a defined limit is exceeded.

General information	
Product range	2-3 pumps
Flow range	0-108 m^3/h
Pressure range	PN10 & PN16
Max power	3 x 7,5kW
Liquid temp.	0-60°C
Ambient temp.	0-40°C

Material information	
Manifold + base frame: Stainless steel EN/DIN 1.4301/AISI 304*	CME-I 3 to 25
Pump: Stainless steel EN/DIN 1.4301/AISI 304**	CME-I 3 to 25

*Galvanized steel is optional
** Cast iron pump is optional

Performance curve: HYDRO MULTI-B



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Go to **product-selection.grundfos.com**

GRUNDFOS (PTY) LTD
16 Lascelles Road
1609 Germiston
South Africa
Tel: (+27) 10 248 6000
Fax: (+27) 10 248 6002
Email: lgradidge@grundfos.com
www.grundfos.za

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GRUNDFOS (PTY) LTD
16 Lascelles Road
1609 Germiston
South Africa
Tel: (+27) 10 248 6000
Fax: (+27) 10 248 6002
Email: lgradidge@grundfos.com
www.grundfos.za

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