

Pressure Boosting System

GRUNDFOS HYDRO MULTI-B

The Grundfos Hydro Multi-B is a compact, reliable, and energy efficient constant pressure booster system ideal for domestic water pressure such as apartments, large homes, and multi-story buildings.

This system is a unique combination of variable speed multistage pumps and simple user interface, and provides a lower cost booster solution. The CME pump combined with an MLE motor provides variable speed functionality and energy efficiency.



Key Features and Benefits

- Plug-and-pump system is the easiest on the market to specify, size, purchase, install and commission
- Single source responsibility ensures one manufacturer for pumps, motors, system components and control
- An affordable option for your pressure boosting applications
- Compact design fits into tight spaces which makes it ideal for retrofits
- SCADA communication capable via ethernet and all industry standard BUS protocols
- Grundfos GO lets you use your smart phone to access interface, regardless of pump location
- Drinking water approvals NSF61/372

CU 323 CONTROLLER

- Designed to run up to three parallel connected pumps
- Simplicity was the key design concept of this powerful and extremely easy to use pump controller
- Enables manual setting and change of parameters such as setpoint, start/stop of system or individual pumps, resetting of alarms
- BACnet, BACnet IP, Modbus, Modbus IP, Profibus and SCADA communication options guarantee integration into your management system of choice

CME PUMP

- 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 offers

MLE MOTOR

- Grundfos integrated variable frequency drive and motor combined eliminates complexity by matching variable speed motor, drive and control logic components
- Incorporates permanent magnet motor technology for overall variable frequency drive and motor efficiency higher than premium efficiency motors
- Integrated variable frequency drive saves space compared to motor and external drive
- Requires no external motor protection and incorporates thermal protection against slow overloading components

MANIFOLDS

- Hygienically designed 316 stainless steel manifolds guarantee protection against corrosion
- Extrusion process results in hydraulic optimization, reduced pressure loss and noise, as well as the best conditions to meet hygienic standards

APPLICATIONS

- Domestic water pressure boosting
- Multistory buildings, such as apartment buildings
- Light commercial
- Rural areas requiring pressure boosting

Hydro Multi-B Technical Data

Hydro Multi-B Information	
Flow, Q:	max. 360 gpm
Head, H:	max. 240 ft
Liquid temp.:	+32°F to +176°F
Working press.:	max. 145 psi

