



APPLICATIONS & CONSTRUCTION FEATURES

The Grundfos Hydro MPC booster systems are designed for transfer and pressure boosting of clean water in places such as these:

- water works
- hotels
- hospitals
- blocks of flats
- industry
- schools

As standard, Hydro MPC systems consists of two to six identical CR, CRI, CRE or CRIE pumps connected in parallel and mounted on a common base frame provided with a control cabinet and all the necessary fittings. Most of the booster systems are available with either CR, CRI pumps and/or CRE, CRIE pumps. The pumps of the booster system can be removed without interfering with the pipework on either side of the manifolds. Hydro MPC booster systems come in three control variants.

Hydro MPC-E

Booster systems with two to six identical electronically speed-controlled pumps pumps. pipework connection from R2 to DN 350. From 0.37 to 22kW, Hydro MPC-E is fitted with CRE, CRIE pumps with intergrated frequency converter. As from 30kW, Hdro MPC-E is fitted with CR pumps connected to Grundfos CUE frequency converters (one per pump)

Benefits

Perfect constant pressure control provided by CU351 unit. The pumps of the Hydro MPC booster system are controlled individually b the CU 351 multi-pump control unit which contains application-optimised software and pump curve data.

Other benefits includes?

- Pressure settings
- Flow indication in display
- Specific energy calculation
- Intergration into Building Management Systems (BMS)
- Stop/Night sleep mode
- Password protection of settings
- Pressure relief and stored pump curve data.