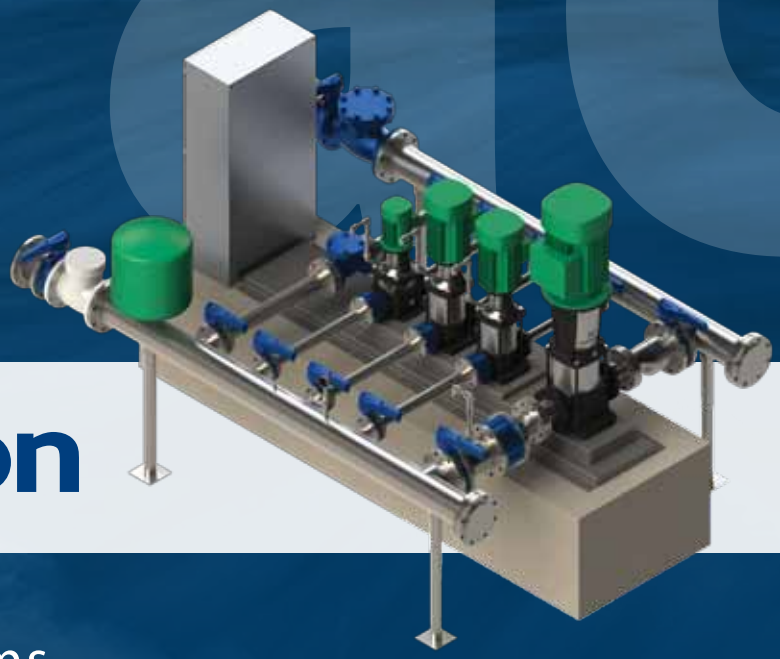
"The ultimate constant pressure water boosting system"

AquaPac™



Pumpaction

ECOEFFICIENCY systems

| Customized systems | Optimal performance |

AQUAPAC™ SYSTEM

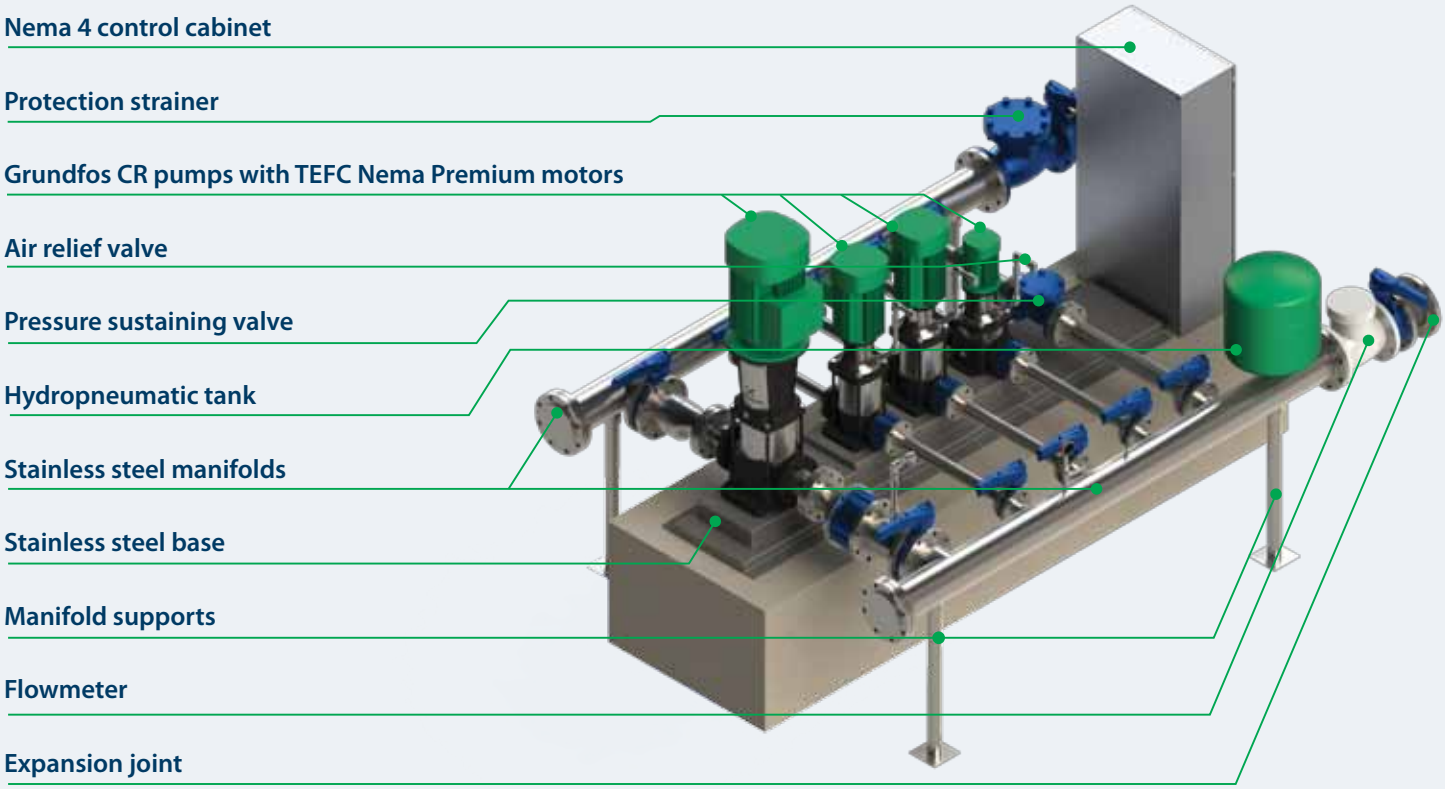
- Water boosting sytem consisting of 2 to 6 variable-speed pumps
- Significant energy consumption reduction and constant pressure system
- Corrosion-resistant base assembly
- Inlet and outlet stainless steel manifolds
- Stainless steel inlet strainer
- Integrated flowmeter and pressure sustaining valve
- Air relief valve installed on each pump
- NSF61 certified isolating and check valves on each pump
- System-integrated hydropneumatic tank
- Factory-assembled expansion joints and manifold supports
- NEMA 4 cabinet with touch screen controller for system programming, fault management and automatic pumps alternation
- Lightning protection and continuous voltage supply monitoring
- Emergency "UPS" power supply
- Variable speed drive for each system pump
- Communication by serial cable (Modbus), radio, Ethernet or cellular networks
- Fully factory-assembled, programmed and tested
- CSA and UL certified

GRUNDFOS MULTISTAGE CR PUMP

- Vertical stainless steel NSF 61 certified pumps
- Replaceable mechanical cartridge seals with silicon carbide faces
- Superior hydraulic efficiency
- 0 to 750 US gpm pumping capacity/pressure up to 300 psi
- TEFC "NEMA PREMIUM" motors with special bearings

Grundfos CR

AQUAPAC™ SYSTEM



PUMPACTION CONTROLLER

- High-end, multi-function controller for pumps and related equipment
- Start function and remote shutdown with start-up diagnostic
- Management of pumping station, alarms and measurement instruments
- Automatic pumps alternation management
- Allows the control and adjustment of the pump speed to maintain a constant pressure or constant flow
- Highly configurable multi-pump control logic
- Software-programmed pump performance curves
- Data storage and signals recording on various computer media
- Multilingual touchscreen interface
- Modicon M241 controller with RTC clock
- Proved energy optimization

Pumpaction Controller

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Pumpaction

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