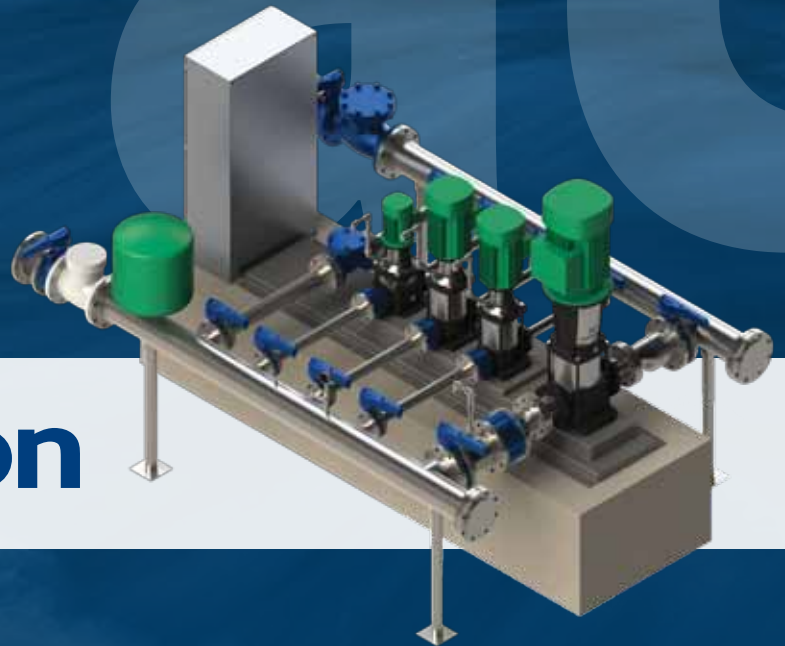


*"The ultimate constant pressure
water boosting system"*

AquaPac  TM

a p a c



Pumpaction

ECOEFFICIENCY systems

| Customized systems | Optimal performance |



AQUAPAC™ SYSTEM

- Water boosting system 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

Nema 4 control cabinet

Protection strainer

Grundfos CR pumps with TEFC Nema Premium motors

Air relief valve

Pressure sustaining valve

Hydropneumatic tank

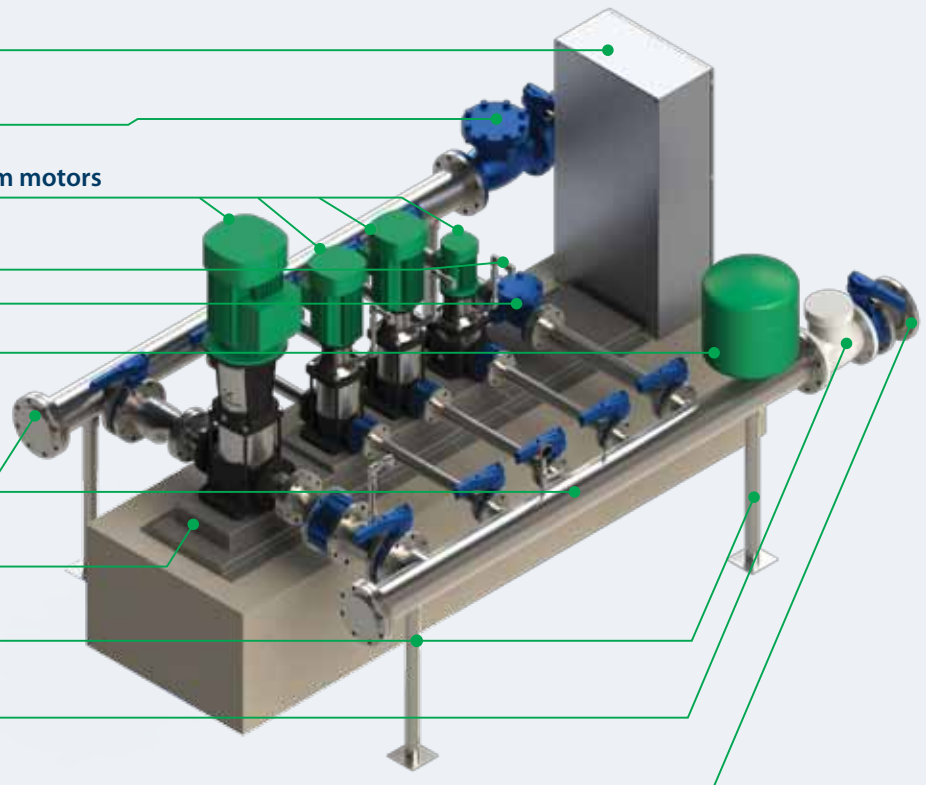
Stainless steel manifolds

Stainless steel base

Manifold supports

Flowmeter

Expansion joint



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

ECOEFFICIENCY systems

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Aquas

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