“The ultimate constant pressure water boosting system”
**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
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- 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

**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
AQUAPACTM SYSTEM

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- Stainless steel inlet strainer
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- Factory-assembled expansion joints and manifold supports
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AQUAPACTM 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

PUMPACITION CONTROLLER

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ECOEFFICIENCY systems
| Customized systems | Optimal performance |

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