



Prefabricated Pump Stations and Controls

Endurascape 400

ENDURASCAPE 400

Motor Controls Inc. has been designing and manufacturing engineered flow and control solutions for 35 years. Built on a foundation of meeting and exceeding our customer's expectations.

EXPECT MORE FROM YOUR INVESTMENT

MCI is raising the standard on pump station reliability, efficiency and intelligent operation with our new line of pre-engineered enclosed packaged pump stations for commercial irrigation and municipal potable water applications.

ENDURANCE = SUSTAINABILITY

The Endurascape 400 is a customizable pump system utilizing today's most advanced technology delivering reliable, high "wire to water" efficiency with exceptional life cycle cost savings. Sustainability is the heartbeat of

the Endurascape 400 system. From our 5 part iron phosphate pretreatment and electrostatically applied powder coating to our advanced controls and communication options, the Endurascape 400 delivers state of the art technology and reliability. In addition, with our standard 50C rated VFD, the Endurascape 400 is designed for the most demanding environments.

The Endurascape standard controls feature a single VFD with multiline display, an integral fused disconnect, slow pipe fill mode, run dry protection, check valve ramp feature and energy usage monitoring.

STAY AHEAD OF THE CURVE

Advanced pump selection criteria ensures that the right pump is used for the right application. Utilizing system head curve and hydraulic profiling each system design is optimized for the highest efficiency possible resulting in long term energy cost savings.



- *For suction lift, boost and flooded applications.*
- *Design capabilities ranging from 50 GPM to 400 GPM.*
- *Pressure ratings from 30 PSI to 150 PSI.*
- *Horsepower ranges from 3 to 30HP.*
- *Standard designs for 208-230 and 460 Volt, 3 phase power.*



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Endurascape Standard Features:

- Lockable powder coated steel enclosure
- Forced air cooling fan with louver system
- Flow sensor
- 50c rated Nema 1 variable frequency drive
- Multiline display with manual speed adjustment
- HOA switch
- Integral fusible disconnect
- Slow fill mode, run dry protection
- Check valve ramp
- Energy usage monitoring
- Surge arrestor
- On-board instruction manual
- Password protection
- Integrated time clock, standard alarms
- Surge/water hammer protection

Endurascape Available Options:

- Lockable marine grade aluminum or stainless steel enclosure
- Enclosure insulation and/or heater
- Stainless steel piping
- Fusion bonded epoxy coated piping to NSF 61
- Suction and discharge z pipes
- Intake foot valves
- Full flow bypass
- Downstream relief valve
- Magnetic flowmeter
- Pressure maintenance pump
- Motor space heater
- UL listed single phase to three phase power conversion
- XL bypass
- PLC controls
- Color touchscreen
- Remote connectivity
- Flow totalizing and logging
- CRD reprime

