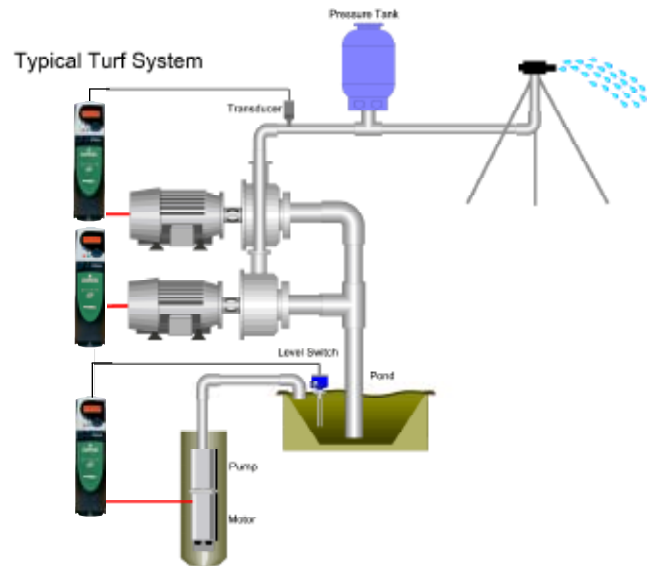


Constant Pressure Control

Application Overview

Pumps are applied in the Turf and Irrigation industry as a means of transporting water from reservoirs such as ponds and wells to agricultural and grass areas such as golf courses. Control Techniques VFD control of the pump motors provides optimum pump system performance.



Application Requirements

Control & Connectivity

- Coordinated multiple pump control
- Serial communications

Protection

- Motor, pump and system

Minimize operating costs

- Energy optimization
- Maintenance reduction

Control Techniques' Solutions

VFDs, soft starters and electrical panels

- Dedicated pump control software
- No PLC required, save \$100s
- Provides control and system protection
- Simplex and multiplex solutions
- Communication via Ethernet, Modbus....
- Advanced energy savings features
- Rapid set up and easy diagnostics
- Wide range of voltage, power, motor and enclosure options



CONSIDER IT SOLVED™

Drive Solutions for Turf & Irrigation



Control Techniques' Performance Advantages

Constant Pressure Control

- Pressure switch and transducer feedback
- Multiple pressure set points
- Manual and automatic modes
- Redundant floating master multiplex systems

Total System Protection

- Intelligent thermal motor protection
- S-ramp soft start
- Transducer loss*
- No flow detection*
- Dry pump detection*
- High and low pressure detection*

Energy Efficiency – save up to 70%

- Dynamic Volts/Hertz control
- Energy savings estimator software
- Built in power meter
- Sleep function*

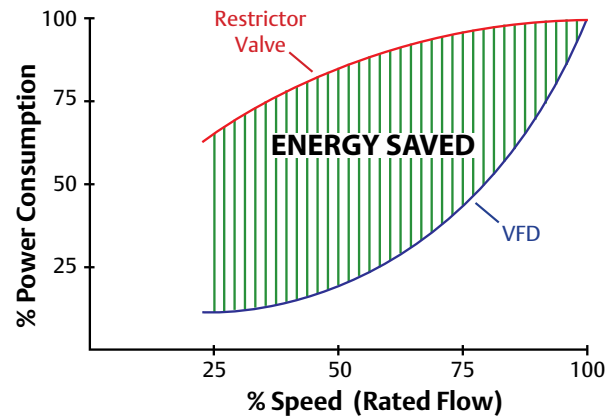
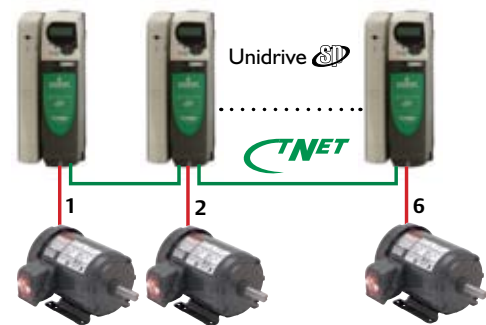
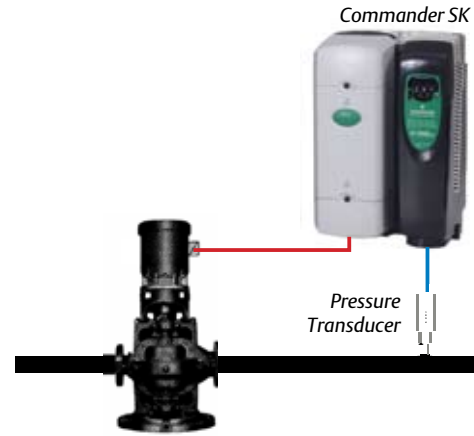
Maximum uptime

- Supply loss ride through
- Automatic reset
- Catch a spinning motor

* Available with pump logic option

World Class Products & Support

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AC Drives



Soft Starters



Packaged Drives

