

VFDC-4000

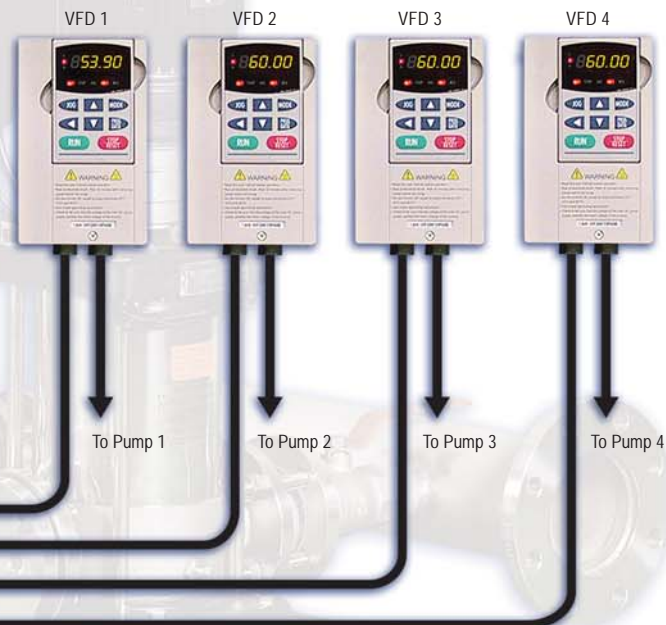
Water Pressure Booster Controller

Controls up to 4 Variable Frequency Drives (VFDs)

The VFDC-4000 microprocessor based controller is specifically designed for constant pressure applications using variable frequency drives (VFDs). The VFDC-4000 is capable of controlling **up to four VFDs** and features P.I.D. control, automatic alternation, data logging and communication capabilities. The backlit graphic display allows the operator to monitor pressure, pump speeds and alarm status **at a glance**. The menu driven setup makes navigation and configuration **fast and simple**.

VFDC-4000 Controller Features:

- 1 to 4 VFD control
- P.I.D. control
- Graphic screen display with back-lighting
- Four arrow keys for easy navigation and setup
- Automatic alternation: cycle-based or time-based
- Jockey pump control for low demand operation
- System status display: operating pressure, set pressure, auto/off, time and date, alarm with time and date
- Scheduled pressure setup function
- Pump status display:
 - pumps in use
 - lead pump
 - pump run/stop
 - pump speed
 - VFD fault
- Alarm log
- Real time clock
- Pressure transmitter setup
- Password protection
- Serial communication
- Idle pump protection
- Freeze prevention
- Low pressure alarm
- High pressure alarm
- Low suction pressure/low level alarm
- One-Year Limited Warranty



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