

VFD Controller Multiple VFD Pump Controller

This new VFD controller has, in addition to the advanced features and functions of the standard pump controllers, the ability to simply and effectively manage multiple VFD pumps.



Until now, controlling and managing multiple VFD pumps has been complicated and expensive. MultiTrove's new VFD series controller provides the ultimate in simplicity, ease of commissioning and operation.

Major sewer pump stations are typically fitted with a VFD on each pump. This provides the added benefit of reducing surge loads on the treatment plant and assists in delivering better quality effluent by stabilizing the treatment process.

Operators can easily fine-tune a station without the need for laptops or other complicated programs, which are generally required by other systems.

Standardization

Operators will see no difference in day-to-day operations of the standard MT2PC.

Cost-effective

Initial expenditure and commissioning time will be far less than if using overly complex options. Preset factory defaults simplify set-up.

Simple configuration

Via keypad or MultiTrove's StationView.

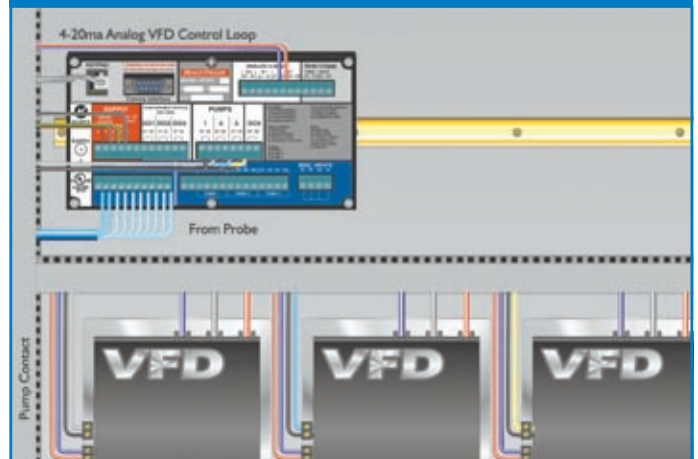
Designed for water and sewerage

Both water and sewerage applications can be managed with individual factory defaults for either application.

Fully integrated

If one pump fails, algorithms instantly recalculate remaining pumps flow rate and adjust closely so that combined pump output is maintained as closely as possible to the previous combined output.

One of the main problems affecting installations with multiple VFD drives is how to co-ordinate and alternate the drives so the flow does not fluctuate as extra pumps are turned on and off. The VFD equalizer function solves this by adjusting the speed of the pumps to compensate for changes in level and number of pumps running.



Specifications

Technical specifications for the VFD Models are the same as for the MT2PC and MT3PC, with the exception of the control functions providing the 4-20mA output for the control signal of the motor drive unit.

Available Models & Ordering Information:

MT2PCVFD-2	240VAC & 10-30VDC
MT3PCVFD-2	240VAC & 10-30VDC
MT2PCVFD-3	110VAC & 10-30VDC
MT2PCVFD-3	110VAC & 10-30VDC

All MultiTrove products carry a full two year warranty

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