

The Yardney Ultra 116i automatic controller is a simple and easy-to-use backwash filter controller. The filter control system design features user selection flexibility of power source input, number of station outputs, AC/DC or latching solenoids. The controller incorporates elapsed time monitoring as well as pressure differential activation with filter system backwashing activity reported through the backwash cycle counter program. The Ultra 116i is available with up to sixteen stations.



Application

Initiates backwashing on all applicable Yardney Water Filtration Systems including Sand Media, Multi-Media, Granular Activated Carbon and Maxi-Flush systems

Advantages

- Four-station base unit is expandable to sixteen stations using 4-station plug-in expansion modules
- Operates up to 2 valves per station plus a master valve
- Selectable input power: 110 VAC, (220 VAC optional) or 12 VDC
- Flush activation based on elapsed time and/or pressure differential
- Controls are in English and Spanish
- Programmable filter backwash frequency, duration and delay
- Backwash cycle counter
- Manual start with station advance and stop
- Lockable rain-tight outdoor steel enclosure
- Three year limited warranty

Ultra 116i Controllers Specifications

LED display provides the following status information:

- Elapsed time differential
- Pressure differential activation
- Backwash cycle counter
- Filter operating status between backwashes
- Active station number during backwash cycle
- Dwell status (active/inactive)

The backwash cycle may be manually initiated, station advanced or stopped as needed.



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ELECTRICAL SPECIFICATIONS

Station Capacity	
Base Unit	1-4 Outputs
Plug-in Modules	4 Outputs each / 16 maximum
Power Source	
Standard	Selectable 120 VAC 60 Hz or 12 VDC
Optional	220 VAC 50 Hz
Display Power Consumption	46 milliamps when the display function switch is depressed
Outputs	
AC Power	Selectable 24 VAC
DC Power	Selectable 12 VDC continuous or pulsed. Maximum 3 amps continuous output, 20 milliamps pulsed output



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