



## WATER FILTRATION SYSTEM

The Water Filtration System (WFS) provides clean temperature controlled water by filtering dirty water through two loops of filtration. The first loop takes incoming water and passes it through three filter housings and sends it to the chiller and finally to a secondary tank. If there is no demand for water from the process, this water cascades to the first tank to be scrubbed again for continual cleaning. When the water is needed, the second loop takes water from the second tank and passes it through two more filter housings and sends it out for use in the system.



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Specifications	WFS1040	WFS1545	WFS101545
Dimensions	63"L x 33"W x 68.2"H		84"L x 36"W x 89"H
Chiller	18000 BTU		36000 BTU
Flow	10 gal/min	15 gal/min	10 gal/min
Pressure	40 psi	45 psi	
Electrical	208VAC 30A 50/60Hz 3 phase		
Temperature	+/- 1°C		

#### Options

- Multi parameter controller
- PH Sensors (requires controller)
- Conductivity sensors (requires controller)
- In line conductivity warning light
- Digital temperature sensor with overtemperature alarm
- Digital pressure sensor with overpressure alarm
- Low water shutoff sensor
- Leak sensor with alarm and shut off
- Dirty filter sensor (pressure switch)
- Audible alarm

The WFS features 100% water recycling vastly reducing the amount of contaminated water being sent down the drain, saving you millions of gallons a year.

Temperature controlled to +/- 1°C and filtered down to 0.1 micron, the water provided by the system is ideal for the dicing process.

Optional leak detection and abatement for safety, and various water sensors including PH, resistivity, and flow to monitor the process.

Low maintenance and easy filter replacement. The system supports bag and cartridge filters which can be tailored to your needs.

