

### WL Series Liquid Cooling System

The WW3001 uses facility water as a hot side heat dissipation mechanism, which increases the cooling capacity while maintaining form factor. The WW Series system is designed to operate using water as coolant.

### Features

- Cooling to ambient
- High heat pumping capacity
- Compact form factor
- Long life operation

### Applications

- Cooling Particle Accelerators: Linear Accelerators and Cyclotrons
- Semiconductor Fabrication Equipment Cooling
- X-ray Cooling in Industrial Scanners



## TECHNICAL SPECIFICATIONS

### Performance

<b>Nominal Cooling Capacity</b>	3,000 Watts
<b>Nominal Operating Flowrate (60 Hz)</b>	5.4 L/min @ 4.0 Bar
<b>Nominal Operating Flowrate (50 Hz)</b>	5.4 L/min @ 4.0 Bar

### Operation

<b>Coolant</b>	Water
<b>Operating Temperature</b>	0°C to 40°C
<b>Storage temperature range (w/o coolant)</b>	-20°C to 70°C
<b>Humidity range</b>	10% to 90%
<b>Storage Humidity range</b>	5% to 95%, non-condensing
<b>Input Voltage</b>	230 VAC
<b>Frequency</b>	50/60 Hz
<b>Current</b>	< 1.8 Amps
<b>Noise</b>	< 47 dB(A)
<b>Flow Switch Open</b>	≤ 4 L/min
<b>Maximum Forward Pressure</b>	6 Bar

### Physical

<b>Height</b>	400 mm
<b>Length</b>	450 mm
<b>Width</b>	270 mm
<b>Weight</b>	24 kg
<b>Coolant Capacity</b>	8.5 Liters
<b>Couplings</b>	Press Fit (9 mm ID hose)

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