

POLARIS[®] 3500-WA Tube-cooler[™]



Standard Features:

- Disposable air intake filter
- Water flow, safety interlock
- Water pressure, indicator gage
- Water temperature, safety interlock
- Real-time water temperature, display
- Easy service-access to all components
- **Self-contained closed loop cooling system**
- Designed for high duty cycle metal-ceramic x-ray tubes

Exclusive POLARIS[®] features:

- Dual fans - equate to greater CFM
- Low sump level, safety interlock
- Serviceable drain and clean sump
- Secondary, 20 micron water filter

Specifications

Cooling Media:

Water to Air

Performance

- Cooling capacity @ 60Hz: 11,950 BTU (3500 W) @ Temp. diff. of 15.6 °C (28 °F)
- Coolant capacity: 6.5 liters (1.7 gal)
- Coolant flow (unrestricted): 7.1 liters/min (1.9 gal/min)
- Typical coolant flow (w/ load): 5.0 liters/min (1.3 gal/min) @ 5.0 bar (68 psi)
- Max. coolant pressure: 6.9 bar (100 psi) fully adjustable

Electrical

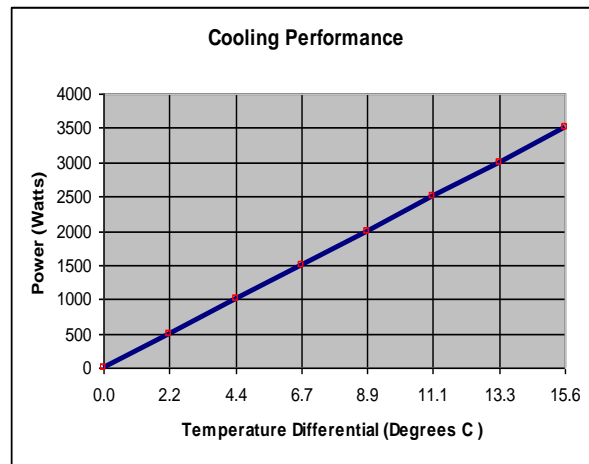
- Voltage: 220 VAC ±10%, single phase, 50-60 Hz
- Current: 2.2amps (max.)

Environmental Specification

- Operating temperature: +5°C to +40°C
- Storage temperature: -25°C to +70°C
- Air humidity: 20 – 80%
- Noise Level: 55 db @ 1 Meter

Physical dimensions

- Height: 76.2cm (30.0")
- Width: 45.7cm (18.0")
- Depth: 43.2cm (17.0")
- Weight (dry): 52kg (115lbs)



Manufacturer:

KIMTRON inc.