



KIMTRON™

Kimtron™ 5001-OW (Oil to Water) Tube Cooler™

Features:

- Removes heat from x-ray tube via customer-supplied chilled water feed & return
- Water flow safety interlock
- Water pressure indicator gage
- Water temperature safety interlock
- Real-time water temperature display
- Secondary, 20 micron water filter
- Easy service-access to all components
- Ultra reliable and exceptionally quiet rotary water valve
- Designed specifically for high duty cycle metal-ceramic x-ray tubes
- Made in the USA

Specifications:

Cooling Media:

Dielectric oil to chilled water (chilled water and return to be provided by end-user)

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 Specifications:

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:	30.0' = 76.2cm
Width:	18" = 45.7cm
Depth:	17" = 43.2cm
Weight (Dry):	115lbs. = 52kg



Made In America

ISO 9001:2015

Industrial, Medical and Security X-Ray Products and Services

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