



# AIR-TO-WATER HEAT EXCHANGER P/N 7100002

## FEATURES

This 19" rack mounted air to water heat exchanger has been designed for COTS protection inside rack in applications where the integrator has to meet stringent temperature environments and/or uses sensitive electronic devices.



## CHARACTERISTICS & PERFORMANCES

Mechanical / Electrical	Thermal	Physical	Qualification
Tubing and fins: copper	Maximum heat dissipation capability: 2500 W (8500 BTU/h)	Weight: 20 lbs	This unit has been qualified inside 901D racks to MILS 901D grade A barge test requirements (14 Hz deck)
Drawer: aluminum	Primary cooling fluid: water, glycol, oil	Height: 3.5 U	
Input: 115V / 60 Hz	Fans: 430 CFM air flow available	Depth: 9.5"	
Power main connector: AMP circular MIL style	Primary fluid maximum pressure: 140 psi		
Alarm sensor: low speed detector for each fan. HE5 style connector	Typical water flow rate: 2 gpm		

## 901D OPTIONS

4000 W Configuration in 4U Height

20" Deep Configuration [ 4 fans ] 5000 W