

View Online at <https://aerobasegroup.com/nsn/5985-01-518-2626>

**Impedance Rating In Ohms:**

50.0

**Power Rating:**

50.000 kilowatts average

**Termination Type:**

Connector

**Cooling Method:**

Forced liquid

**Special Features:**

Fac power requirements 230 vac, single phase 27.5 amp; 208-230/460 vac, three phase 9.6/4.8 amp; finish beige splatter; fan 1.5 hp centrifugal; pump 1.5 hp centrifugal; vswr 60 hz to 800mhz 1.1: 1 max

**Functional Description:**

Model 5850 rf heat exchanger is a model 9750 50 ohm resistor assembly cooled by a vented, closed-loop water system, utilizing a centrifugal pump, water-to-air heat exchanger, capacity of coolant is approx 11 us gallons, and 1 centrifugal blower; blower assembly is a 1.5 hp belt-driven centrifugal blower, blower moves air into a closed plenum, through the heat exchanger coil to the rear of unit

**Supplementary Features:**

Location should be dry, free of excessive dust and ambient temp p5.0 to 35 degrees c with water only and m20.0 to 30.0 degrees c with porm 35 pct ethylene glycol mixture; room well ventilated; rf dissipation of unit is 50, 000 watts equals 170.650 btu/hr usually ducted out of building; not necessary to mount which is designed to be a free-standing device resting on 4 heavy duty casters; brakes are installed on swivel casters; 4 terminal, captive-screw terminal strip

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A19800