

**Category:** Class II Equipment

**Item Name:** Space Heater Convective (SHC) 35K

**NSN:** 4520-01-431-8927

**LIN:** H39372

**Part Number (Model Number):** MIL-PRF-44493



**Description:** The SHC 35K is 35,000 BTU, self-powered, thermoelectric heater that is capable of burning multiple liquid fuels (DF-2, DF-1, DF-A, JP-5, & JP-8). The SHC 35K operates from -60°F to 60°F, and provides better heat distribution than radiant type heaters, frees up floor space, and eliminates the need for a fire guard. Accessories include a remote temperature control box, cable, insulated air ducts, fuel hoses, gravity feed adapter, fuel can stand and spare parts.

**Version:**

**Dimension:** 40"×14"×18"

**Weight:** 74 lbs

**Capability:** Provides forced hot air circulation in military tentage without the need for an external power supply. Operates outside the tent and provides heating for the Modular Command Post System (MCPS) and other similar sized tents. The SHC 35K integrates thermoelectric and combustion into a supportable heater that delivers clean, breathable heat to military tentage and shelters. Thermoelectric modules convert waste heat into electrical energy, which is used to power the blowers, pumps, ignition system, safety system, and control devices required in the operation of the heater. Provides single switch startup and heater operation that is completely automatic due to built-in diagnostics, safety and temperature controls.

**Electrical Power:** None

**Fuel Type** DF-2 regular diesel fuel oil and df-a arctic diesel fuel oil and DF-1 winter diesel fuel oil and JP-5 jet fuel

**Transportability:** Air, Sea, Land eligible

**Used By (Service):** Army

**Other Characteristics:** Heating Element Type Burner, Ignition Method Glow plug

**Support Equipment (Ancillary):** CTA Item, Available through supply system, DLA managed

**Primary Inventory Control Authority (PICA):** NIMSC 5

**Supportability:** Standard Army Supply and Maintenance Systems, TM 10-4520-262-12&P