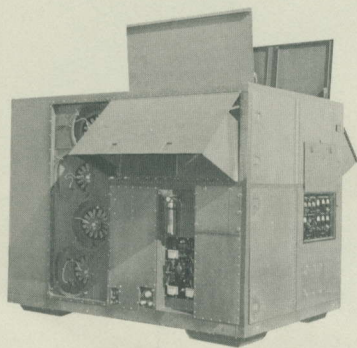
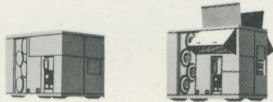


One utility element will provide power for the equivalent of four inflatable elements or six expandable elements, plus one additional expandable element having heavy power needs (such as for X-ray facilities) at the temperature extremes of -65 degrees F or $+140$ degrees F. In the moderate temperature ranges, up to twice as many of each element may be serviced by one utility element. The element is in a sound attenuated, weatherproof enclosure 72 inches wide, 108 inches long, and 86 inches high

and is equipped with an AiResearch gas turbine which provides power for cooling, heating and electrical needs. It weighs approximately 3800 pounds. All necessary ducts and cables are stowed within the unit. ■ One operator can easily operate and service the utility element, which has safety features and automatic controls that assures safe and reliable operation, even by unskilled personnel. The only external requirements are fuel for the engine and fresh water for the hot and cold water systems.

UTILITY ELEMENT



UTILITY ELEMENT OUTPUTS

Electrical power	90 kilowatts, 400 cycle 10 kilowatts, 60 cycle
Refrigeration	20 tons
Air heating	825,000 BTU/hr at -65°F
Water heating	60,000 BTU/hr
Water pumping	Cold: 9 gal/min Hot: 6 gal/min
Air pressure for inflatable elements	1.5 psig
Compressed air or suction	Available as required
Fuel	Aviation gas, automobile gas, diesel fuel, kerosene, combat fuel.

NOTE: Exhaust heat energy may also be used for steam generation for sterilization, sanitation, water purification, and for other uses.

