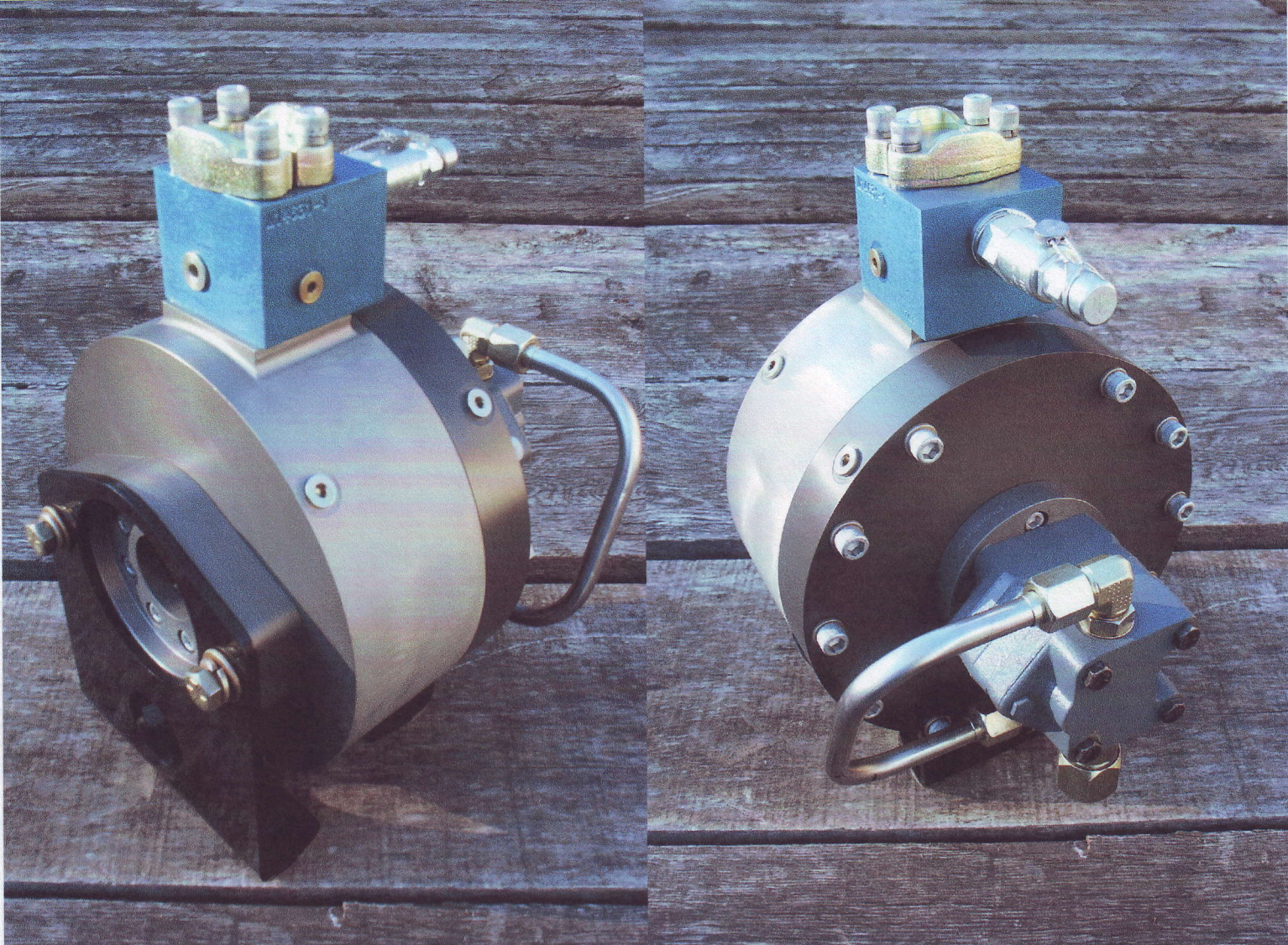


DYNAMIC HEAT GENERATOR - MODEL A1R7196



SIMPLE, RELIABLE, FLAMELESS

PREHEAT AND WARM ENGINES

HEAT TO VAPORIZE LIQUIFIED GASES

HEAT OILS, FUELS AND LUBRICANTS

HEAT BUILDINGS, SHELTERS, AND DECKS

PREVENT WATER FREEZING IN TANKS

WARM AND CIRCULATE POTABLE WATER

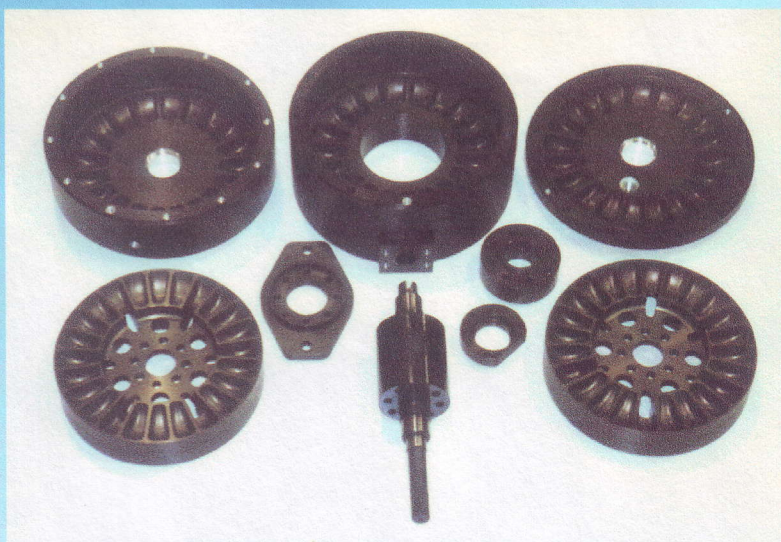
DEICE VEHICLES AND AIRCRAFT

BOIL WATER/DESTROY PATHOGENS

HEAT COOKING AND WASH WATER

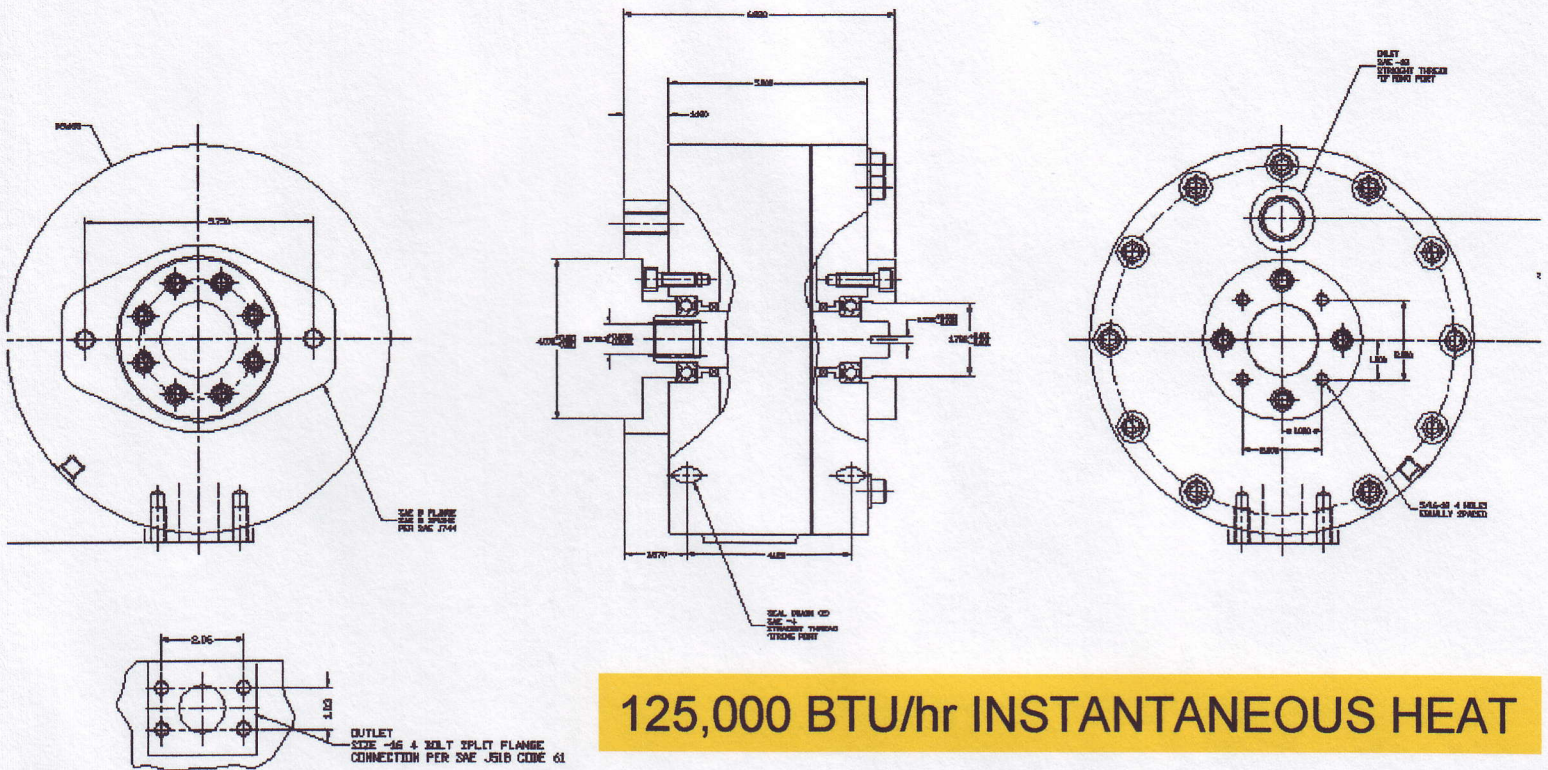
WARM HYDRAULIC SYSTEMS

COOK AND HEAT FOOD



Simple and rugged characterizes the Island City DHG construction.. Monolithic CNC machined components are TYPE III anodized per MILSPEC for corrosion and erosion protect. Hard housing surface finish (85 Rockwell) is approved for potable water and food applications. Operating temperature range to 250 deg F [121 deg C] with higher operating temperature available upon application.

MODEL A1R7196 Single Rotor Heat Generator



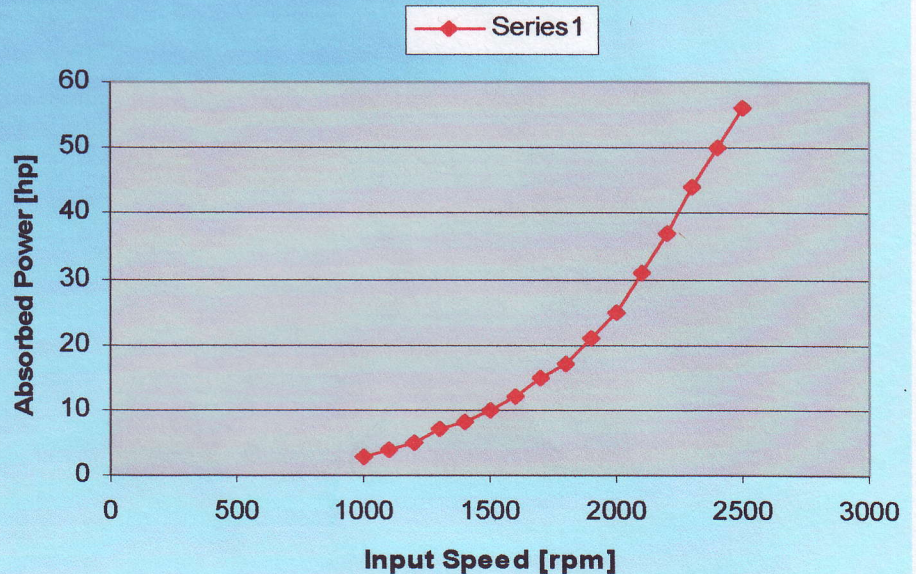
125,000 BTU/hr INSTANTANEOUS HEAT

The ISLAND CITY Dynamic-Heat-Generator is a **MECHANICALLY DRIVEN** fluid heater. Only rotary shaft input is required to heat large fluid volumes rapidly and efficiently without a heat exchanger. **ORIGINALLY** developed to heat and maintain diesel engine temperature in arctic conditions the DHG is adaptable to many heating applications. Driven from engine PTO, electric motor, hydraulic drive or belt the DHG has one moving functional component requiring no regular service or consumables.

BASIC SPECIFICATIONS Model 7196

Capacity:	Single Rotor: 50 hp [125,000 BTU/hr]
Temp (max):	250 deg F (Higher temperature available upon application)
Drive:	SAE A, B, C or customer specified
Heat Regulation:	Rotational Speed Full Disconnect Clutch Fluid Flow Fluid Level Control
Ports:	Inlet: #12 SAE Outlet: #16 Code 61 or customer specified
Pressure (max)	300 psi
Options:	Integral Charge Pump Full Disconnect Clutch
Construction:	CNC Machined 6061 T6 Alloy
Finish:	Hard Coat Type III Anodic Finish with sealer per MIL-A-8625F, meets requirements for food, ethylene glycol, and water service. (other housing materials and surface treatments available upon application)

Performance Curve Model A1R7196



ISLAND CITY LLC

1800 West Taylor Street, Merrill Wisconsin USA 54452
 TEL: 715 536-8600 FAX: 715 536 8660
 islandcitydhg@verizon.net