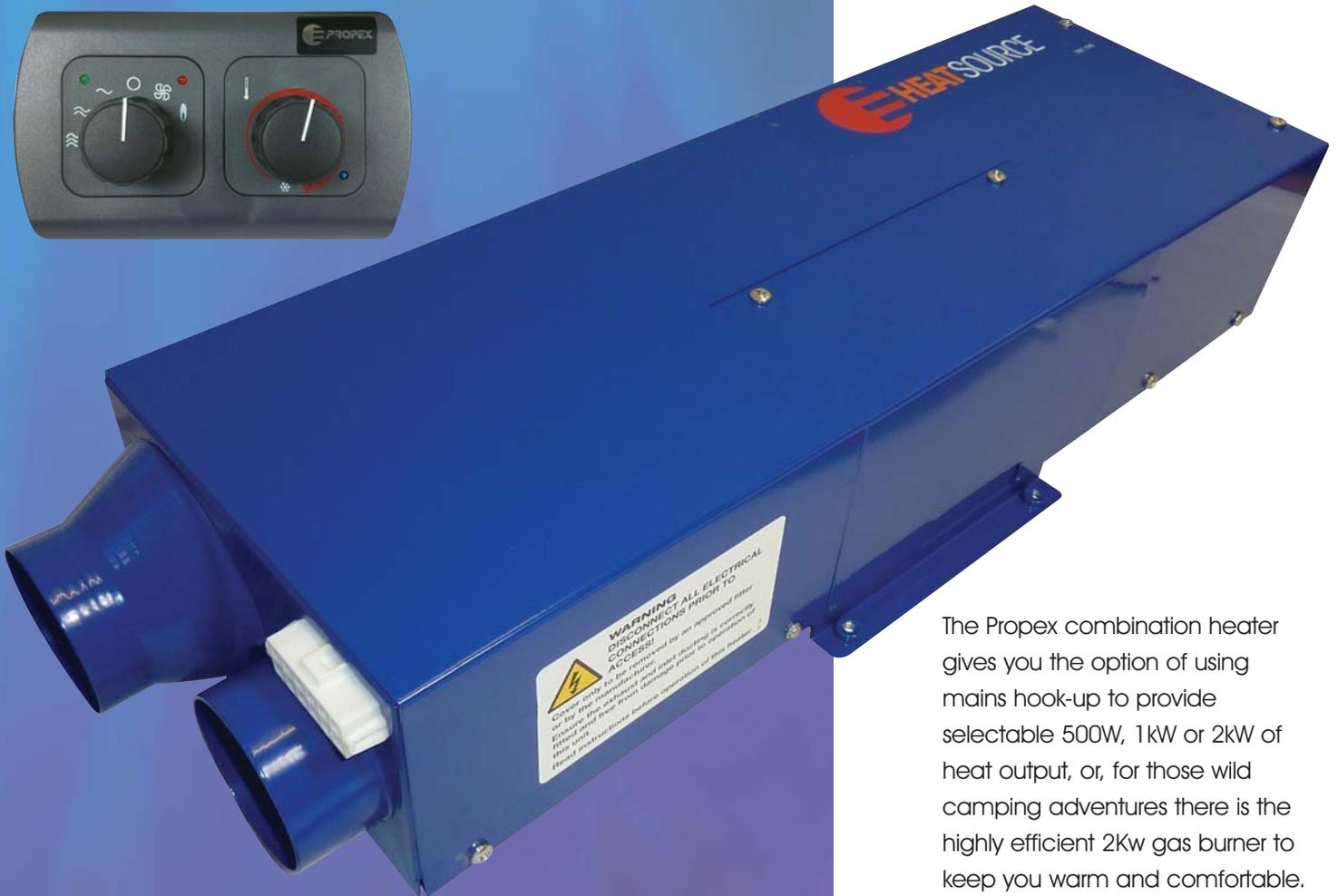


# PROPEX HS2000E

The HS2000E heater is an automatic thermostatically controlled blown air heating system fuelled by propane/ butane gas or 230V mains electric.



The Propex combination heater gives you the option of using mains hook-up to provide selectable 500W, 1kW or 2kW of heat output, or, for those wild camping adventures there is the highly efficient 2Kw gas burner to keep you warm and comfortable.



Closeable hot air outlets with directional control



APK marine hot air ducting

**QUICK**

**EFFICIENT**

**AIR HEATER**

Specifically engineered

for touring vehicles

caravans and motor homes



ENGINEERED FOR  
COMFORT & RELIABILITY



## Total Control

The HS2000E is supplied as standard with a solid state electronic thermostat which automatically switches the unit on and off to maintain the desired temperature. When the room temperature drops below the selected level, the Heatsource will automatically ignite and run until the cabin reaches the selected temperature. The thermostat is an easy to fit, neat flush mount, and integrates with the new electronics fitted to the HS2000E. Simple intuitive controls enable easy switching between the gas and electric modes and a constant heater feedback loop enable quick and easy system diagnose. Selectable electric hook up power levels easily ensures you do not overload your available supply and the motor speed is altered to suit each power level to ensure maximum efficiency or, when on low 500w setting keeping motor and air noise to a minimum for night time running.

## Gas Efficiency

With forced combustion and the Propex two stage stainless steel heat-exchanger, the HS2000E is a clean and highly efficient way to heat your vehicle or boat. Air for combustion is taken from outside your caravan or boat and passed into the combustion chamber having been mixed with gas during three aeration stages, it is ignited automatically and heats up the large surface area of the heat-exchanger. The Heatsource units are totally room sealed and exhaust all products of combustion externally through the neat 22mm i.d. stainless steels flue pipe. To add to the efficiency, cabin air is normally re-circulated in preference to using cold air from outside. The HS series heaters are also very efficient on 12 volt electrical current consumption drawing less than 1.7 amps on gas operation or 2.2 amps during mains electric operation.

## Quiet Operation

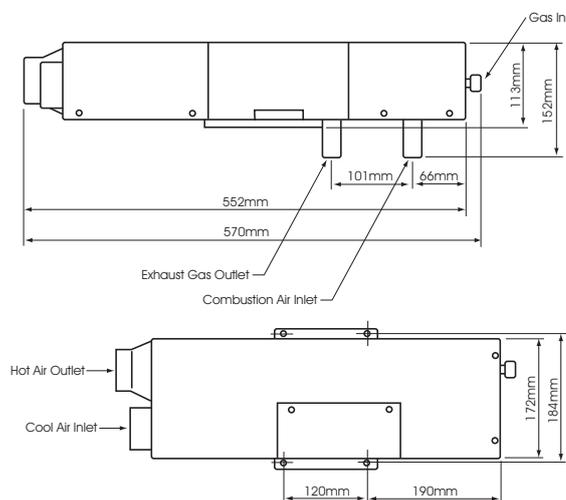
Propex heaters are designed to be quiet in operation without compromising air throughput and heat output. There will always be some air noise from a system that produces a healthy throughput of air, however, by using high quality balanced fans and smooth enclosed motors with ball race bearings, noise is kept to a minimum. Noise is also unaffected by high voltage, a common occurrence with battery charges, solar panels etc permanently wired. The micro-processor electronics regulates the motor voltage so that the fan speed does not alter between 10 to 15 volts.

## Installation

The HS2000E can be supplied with complete fitting kits to suit either vehicle or marine applications. In vehicles and caravans the unit is usually mounted in a bed-box or cupboard, flued downwards through the floor and out to the side of the vehicle using flexible stainless ducting. These ducts (22mm i.d. for the HS2000E) are supplied as standard in lengths of 750mm for vehicles and 1 metre for boats. The ends are finished with neat stainless steel end-caps which comply with EN624. The heat is ducted to one or more outlets through tough highly flexible 60mm ducting. In the case of multi-outlet installations, the first outlet is an open outlet with directional control and the rest are closable and are used in conjunction with the appropriate sized plastic Y-branches. Marine applications feature an attractive polished stainless steel through hull fitting which accepts the stainless steel pipes for the flue outlet and the combustion air inlet. Extra ducting and stainless steel bulkhead mounting brackets are also part of the marine fitting kits.

### TECHNICAL SPECIFICATIONS

HS2000	Gas	Electric
Heat Input:	2.0kW	
Heat Output:	1.9kW	500w, 1kW, 2kW
Voltage:	12V or 24V versions	230 volts a.c. 50Hz
Current Consumption:	1.4A continuous running	9 Amps maximum current
Air Throughput:	60 C.F.M.	60 C.F.M.
Fuel:	Butane or Propane Gas	Mains Electric



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