

Diesel boilers • LPG boilers • Electric boilers • Heat exchangers  
Steam • Hydronic Heating • Process Heating • Domestic Hot Water

## 1000 kW CONTAINERISED WATER HEATER



This containerised hot water system provides recirculated 80C hot water. The system includes a diesel fired closed circuit water heater, circulation pump, thermostatic controls and safety equipment. The unit is ideal for use in commercial and industrial environments, providing recirculated hot water for process heating, building heating and domestic hot water (via heat exchanger).

### Key features

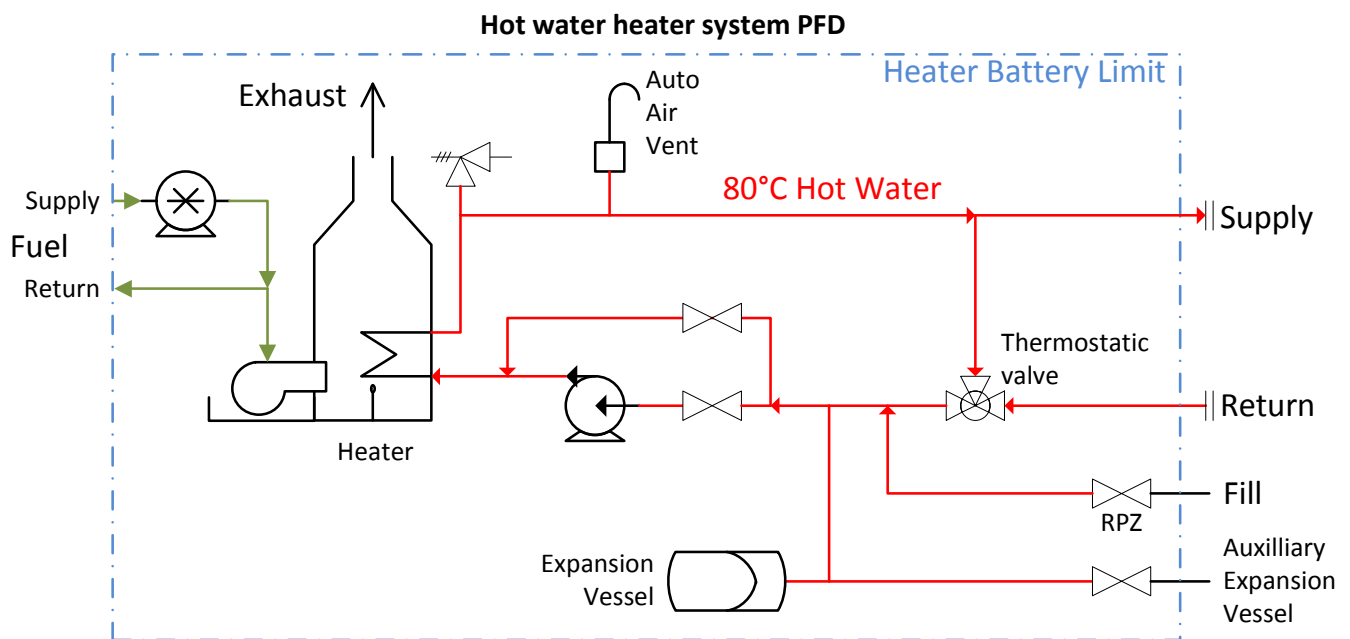
Flexible system operation:

- Automated system start-up/shutdown via programmable timer
- Internal or external pump selectable
- Intuitive control panel with status indicators for system components
- Extendable thermal expansion capacity

Available for short, medium or long term hire throughout Australia

## Technical details

Heating output capacity	1000 kW max
Hot Water Supply Temperature	80°C (nominal); adjustable within range 60-80°C
Hot Water Return Temperature	60°C (minimum)
Maximum System Pressure	3 barg
Hot Water Flow Rate	30 litres/second (nominal)
Fuel Type	Diesel
Fuel Consumption	120 litres/hr (approx. at continuous rated output)
Electrical power requirement	415V 3 phase, total current 63 Amps
Water connections	ANSI 150 flange DN 125
Weight	11tonnes
Container dimensions:	6.3m long x 2.38m wide x 2.89m high (+ 2m for flue extension, removed during transport)
Thermal expansion tank	150 litres included (extendable via auxiliary port)
Compliance	AS/NZS 1210 Pressure Equipment IEC 60204-1 Safety of Machinery - Electrical equipment of machines



TCG Boiler Hire is a subsidiary of The Carnot Group, who provides engineering services specialising in thermal processes. Our highly experienced engineers are available to discuss your application or to assist with implementation.

Our experienced technicians can assist with installation, commissioning and training.



Connections for water supply and return, expansion, fuel and electrical power are conveniently located in the container wall.

RPZ valve on water fill inlet permits direct connection to mains water.

Flange connections on hot water supply and return

Optional quick connect Camlock fittings (shown)



Container has been specially adapted to create a well-lit boiler room with easy access for operation, inspection and service.

Many safety features are integrated into the system design.

Extensive instrumentation, equipment tagging and a detailed manual provides users with a clear understanding of system operation and status.



For enquiries or rates, contact us on 03 9011 1691 or 0408 108 018