



Make your
boat your
home away
from land



you can relax, it's a

WhisperGenTM

onboard heat and power system

The onboard heat and power solution
that makes your boat more like home.

 **WHISPERGEN**TM



You can relax, it's a WhisperGen onboard heat and power system

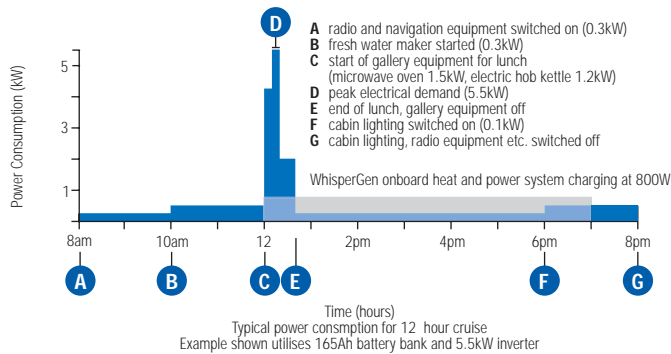
Boating with a WhisperGen onboard heat and power system means no longer having to sacrifice the comforts of home. A fully automated 12 or 24V DC diesel-powered marine generator, WhisperGen™ also heats the cabin and your hot water cylinder.

WhisperGen™ makes electricity generation on your boat as quiet and unobtrusive as being at home. Smaller and lighter than traditional marine generators, with an attractive design, it fits inconspicuously on any craft. Once installed, there is little maintenance required.

The DC advantage

The WhisperGen onboard heat and power system is a DC (direct current) generator that gives you a constant and instant energy supply. It works by charging the boat's battery bank, the power from which is inverted to give you the AC (alternating current) power you need to run all of those things that make life on board safe and comfortable.

You don't need to purchase a generator sized to meet peak electrical demand, when you only need it to produce that level of power a fraction of the time. Not having to fire up your generator means that your marina neighbours can relax as well.



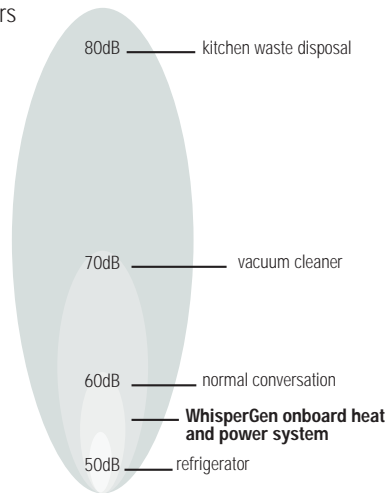
Exceptionally quiet

'Generator, what generator?' With a noise level similar to that of a domestic air conditioning unit, WhisperGen™ makes boating life more relaxing for you and any other boats around.

By comparison, the noise levels of traditional generators generally fall between that of a vacuum cleaner (70dBA) and a kitchen waste disposal unit (80dBA). That is over 100 times louder than a WhisperGen onboard heat and power system.

While some generator manufacturers make a lot of noise about producing quiet generators, we actually deliver one. Always listen before you buy.

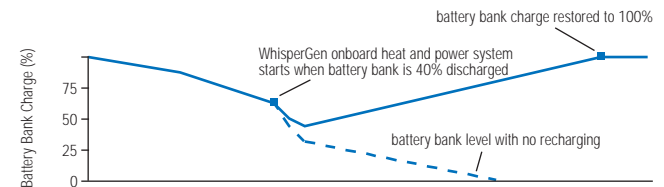
The decibel scale is exponential. For example normal conversation is 60dB, a vacuum cleaner (70dB) is 10 times louder and a kitchen waste disposal (80dB) is 100 times louder.



Highly automated

With its built-in intelligence, WhisperGen™ does the thinking for you so you can relax. A computerised control system allows your WhisperGen onboard heat and power system to automatically maintain heat and power levels, even while your boat is unattended.

Automatic battery management Unlike many other marine generators, WhisperGen™ ensures your battery bank is always charged and ready when you need it, and that you get maximum battery life. It incorporates a battery management and charging system which monitors an array of charging parameters including battery temperature, level of charge and battery voltage. It automatically starts your WhisperGen onboard heat and power system when battery charge becomes low, controlling charging through a 3-stage cycle (bulk, absorption and float).



Automatic heat management Once you have set your desired water and room temperatures, the WhisperGen onboard heat and power system will start unnoticed and regulate its output to meet heat requirements, then shut down again when they are satisfied. It does all of this simultaneously with the battery management system to ensure optimum efficiency.

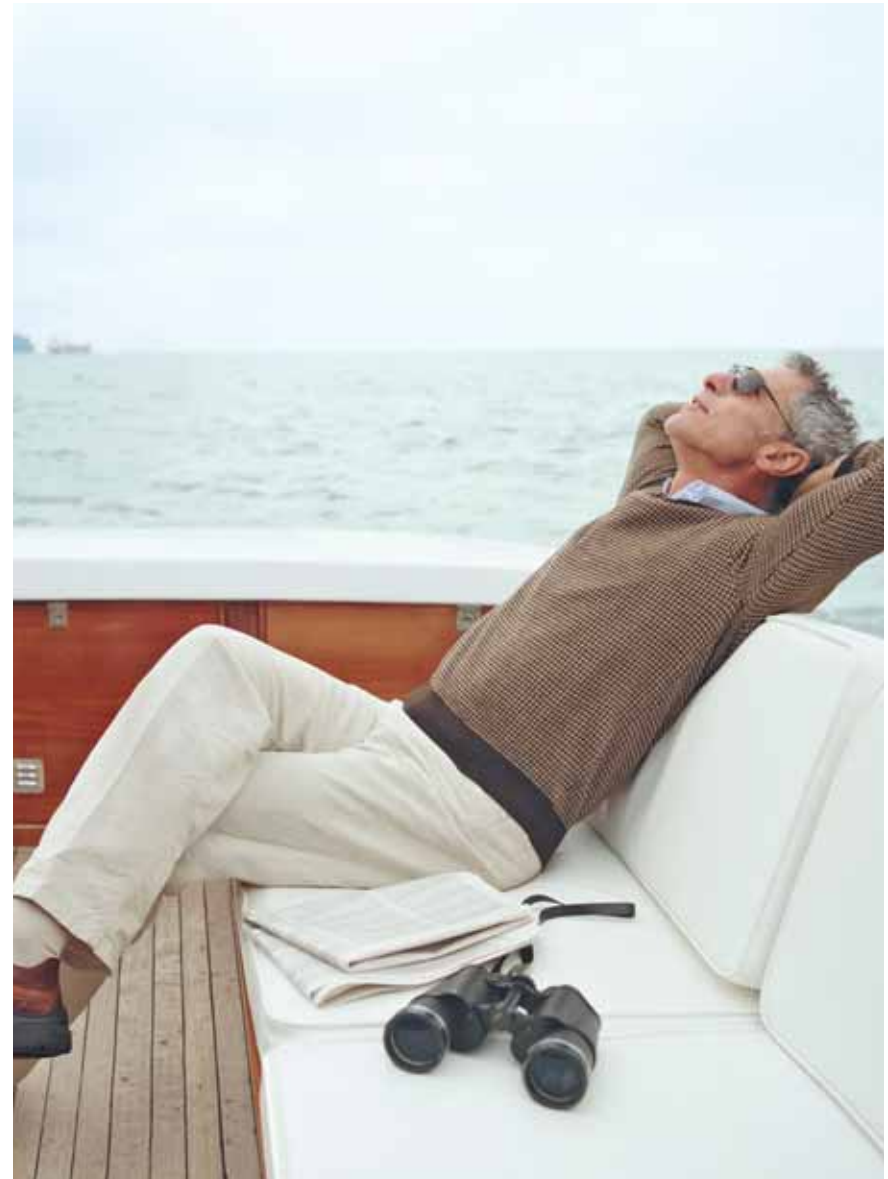
Relax, the WhisperGen onboard heat and power system is always reliable

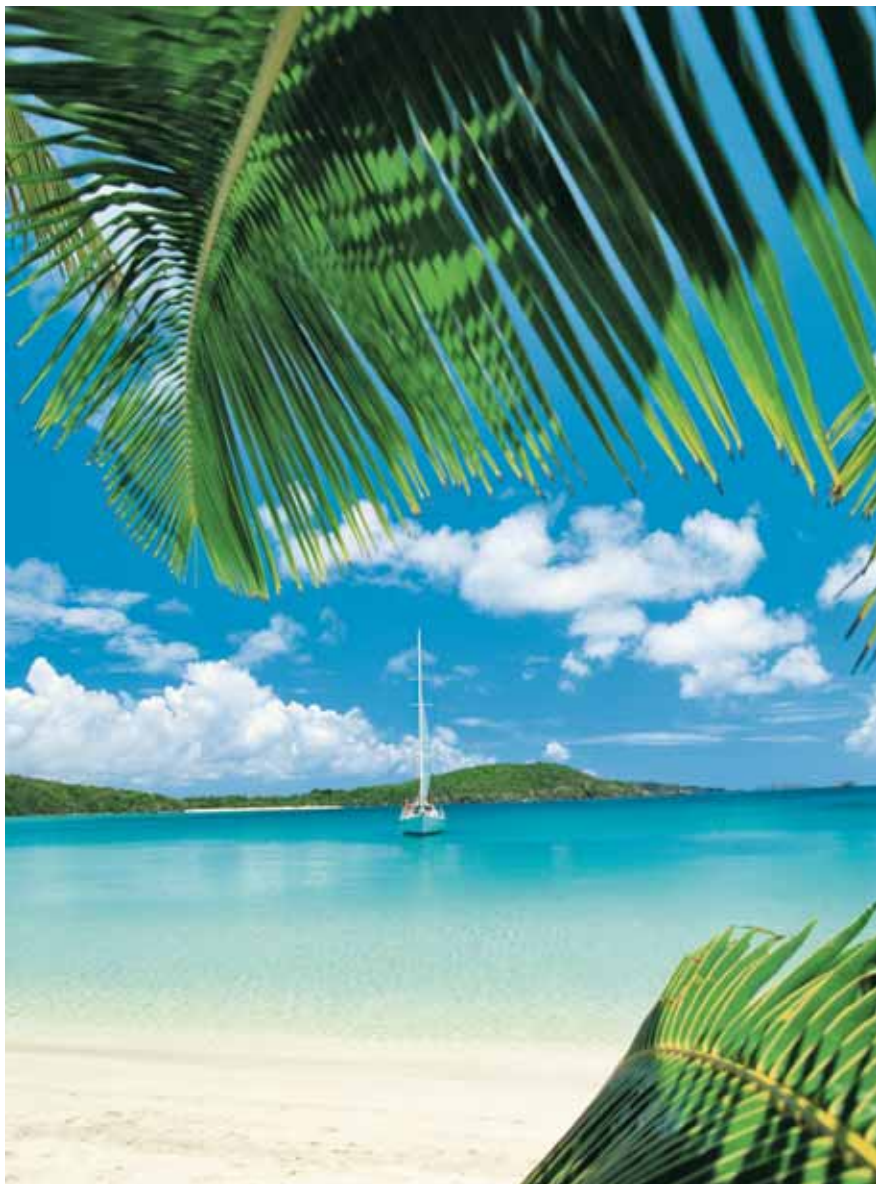
At sea you need to be confident that your generator will work when you need it to. The design and construction of the WhisperGen onboard heat and power system delivers reliability and it has features to enable quick resolution of problems.

High quality materials Constructed for long life and minimal maintenance, WhisperGen™ utilises the highest quality materials, including titanium, ceramic and marine grade stainless steel.

Easy maintenance The Stirling engine contains no oil, eliminating the need for oil and filter changes. A brushless permanent magnet alternator, completely sealed within the engine, is maintenance free.

Intelligent self diagnostics The built-in self-diagnostic system of the WhisperGen onboard heat and power system enables key data to be displayed on a control panel mounted in a convenient position on your boat. This enables you or your service agent to quickly assess and fix any problems.





Good for you, and the environment

More than anyone, boat owners appreciate the beauty and intricate balance of the natural environment. We are committed to minimising our impact on the environment.

The WhisperGen onboard heat and power system sets a new standard for exhaust emissions by utilising a continuous combustion process and micro-processor control. Clean burning and high overall efficiency makes it the environmentally responsible choice when it comes to heat and power for your boat.

Clean burning diesel? Yes. WhisperGen™ emissions are clean enough to be exhausted above the water line, preventing the unsightly oil slick common with other generators. An advanced burner design and continuous combustion results in a significantly lower level of exhaust emissions.

Energy efficiency of 90%? 90% of the energy of the fuel used is turned into usable power or heat. The WhisperGen onboard heat and power system achieves this by recovering heat from the engine and the exhaust then utilising it to provide space or hot water heating, a task often handled by electricity.

Let's take a look inside

Models 12V diesel fired, 24V diesel fired,
24V kerosene fired (available on request)

Engine 4 Cylinder double acting Stirling cycle

Outputs Electrical: modulated up to 800W.
Thermal: modulated up to 5.5kW via sealed liquid circulation

Noise Level 55dBA at 1m

Fuel Automotive grade diesel - consumption 0.75L/h at max output

Battery Charging Automatic 3 stage

Enclosure Free standing 2 piece moulded fibreglass IP 54 rated.
All service connections are to the back of the enclosure

Heat Exchanger Titanium plate marine heat exchanger

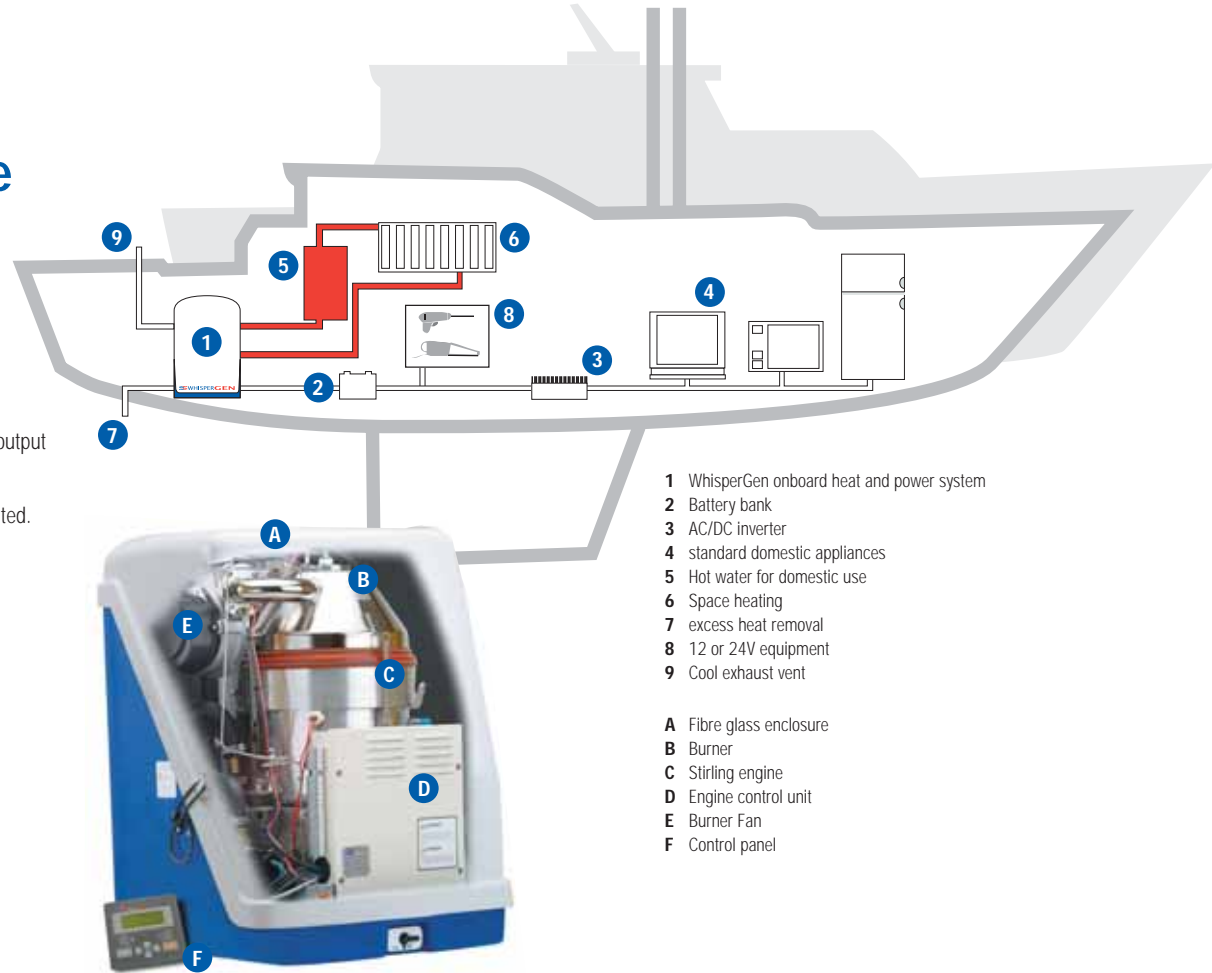
Dimensions 450 x 500 x 650 (w x d x h)

Dry Weight 90kg

Environment Ambient: -10-40°C.
Humidity: 0-99% non-condensing.

Warranty Comprehensive core engine and component
warranty available. Contact your WhisperGen Limited regional
distributor for details.

Approvals CE Marked





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Visit our website for further information on the WhisperGen onboard heat and power system.

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