



Breathe easy. You're EvrSafe.

MODEL
ISS-IO40

Today we team with pioneers of the future, advancing technology for safety solutions.

EvrSafe Marine Technologies provide you and your family with the ultimate in boating safety. Our scientists are constantly at work to develop more innovative ways to protect the safety and security of your family and investment, and supporting the efforts of our service members overseas. It's our aim to make our solutions accessible to all.



A new generation in marine safety.

The EvrSafe Integrated Safety System (ISS) is a proactive toxic gas detection system for your boat. By detecting even the smallest levels of harmful odourless gases, the EvrSafe ISS-1040 helps to avert life threatening emergencies through voice alerts (in multiple languages), on-screen instructions and by isolating and activating individual onboard systems.



ISS-1040

Why is gas detection so important?

Carbon Monoxide (CO) is a gas which is tasteless, odourless and colourless, which makes it extremely difficult to detect. It weighs roughly the same as air, so the danger of it accumulating in a space is high as it won't rise or fall like other gases.

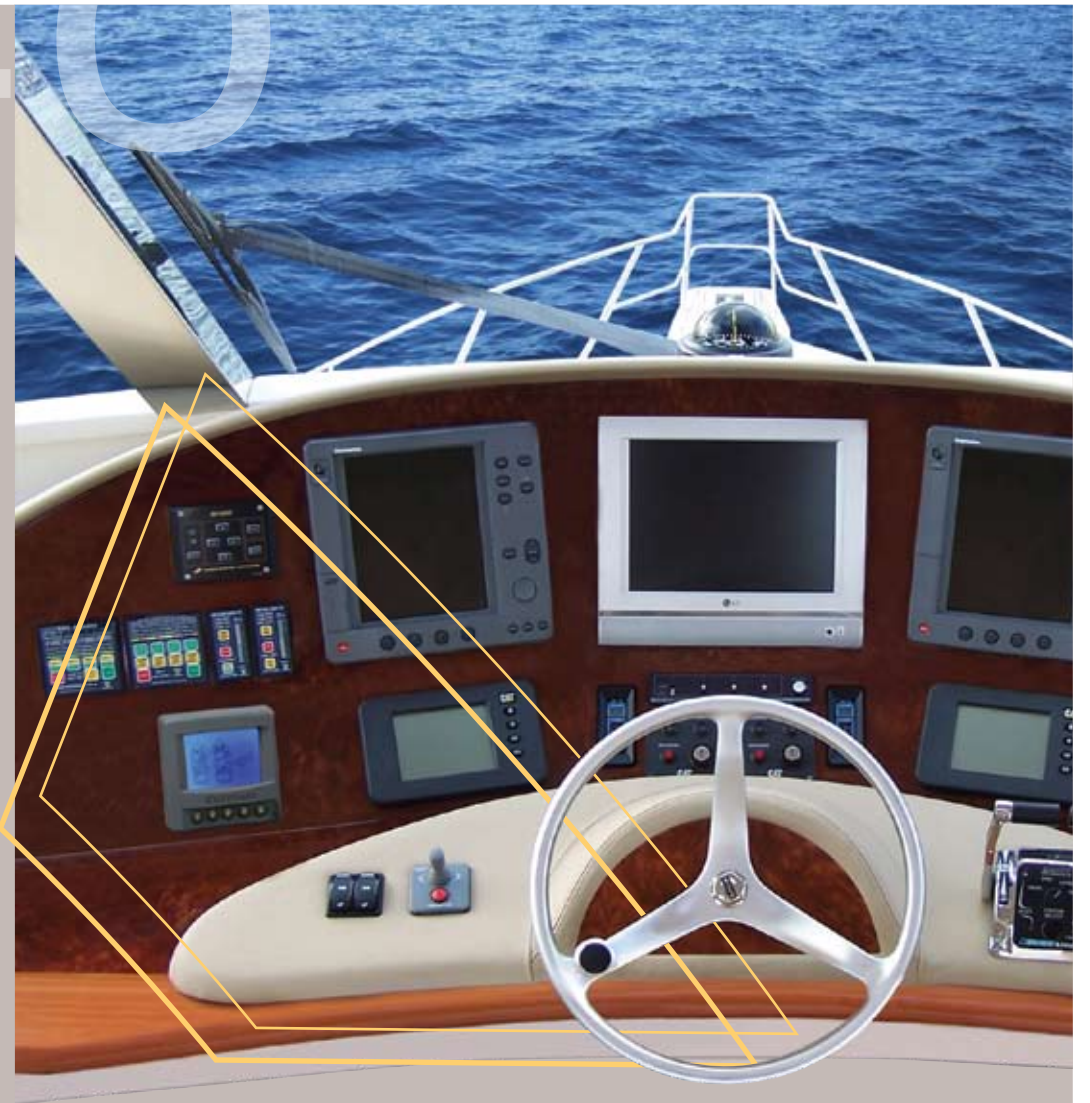
CO is a by-product of incomplete burning of fossil fuels (petrol, LPG, propane and oil) in engines, cooking appliances, generators and heaters. CO build up in your vessel can be attributed to any of these things, but can also be added to by emissions from nearby vessels through open windows, canopies or even unplugged drains. CO can be present in toxic levels on or near, any anchored, idling or slow-moving vessel.

Exposure to CO at either high or cumulative low levels of emission can cause brain damage and death. It is absorbed into the airways and lungs, and significantly reduces the amount of oxygen in the blood, leading to oxygen starvation and eventually death.

Symptoms of CO poisoning can include any or all of the following:

- Collapsing
- Nausea / Vomiting
- Convulsions
- Fatigue / Drowsiness
- Dizziness / Lack of co-ordination
- Itchy / Runny eyes
- Headache / Throbbing temples
- Slurred speech / Incoherence
- Inability to concentrate
- Chest tightness

The ISS-1040 will alert passengers to the presence of CO before it reaches problematic levels, and will instruct you on how best to disperse it.



CPU Display Features:

- View vessel layout
- Customise your vessel
- Change sensor settings
- Sensor configuration
- Activate external equipment
- Colour coded alerts
- Display of audio commands
- Access vessel's operations manual
- Large easy-touch icons
- Rolling displays
- In built memory
- Access to upgrades



EvrSafe requires:

- Dedicated 12V power source
- Shielded Cat 5 cable
- Audio capabilities

EvrSafe ISS-IO40

The ISS-IO40 ships with four sensors which you install in various areas of your boat, eg. the helm, engine room, galley and bedroom. All four sensors are connected back to the ISS-IO40 Central Processing Unit (CPU), which incorporates an LCD display showing readouts from the individual sensors. The ISS-IO40 CPU is one of the most sophisticated systems on the market. It is able to detect and measure a variety of toxic gases, including CO, Nitrogen dioxide (generated by diesel engines), Hydro carbons, LPG, Butane and smoke.

If presence of a toxic gas is detected, the ISS-IO40 will alert the crew and passengers via audio and visual displays before levels of the gas become dangerous. The LCD will show the type of gas detected, with level readings in parts per million, as well as whether the levels are increasing or decreasing.

The CPU can audibly instruct the crew with spoken commands, instructing them to open specific hatches or vents to remove or disperse harmful gases. If contamination reaches dangerous levels, the CPU is able to activate external equipment, such as fans, pumps and generators, to bring air quality back to acceptable levels. Data is logged for up to twelve months, so that gas leaks can be monitored and recorded long-term, which is particularly useful when it comes time to service a boat. If there is a worsening exhaust leak, for instance, it can be detected and fixed during the boat's next service.

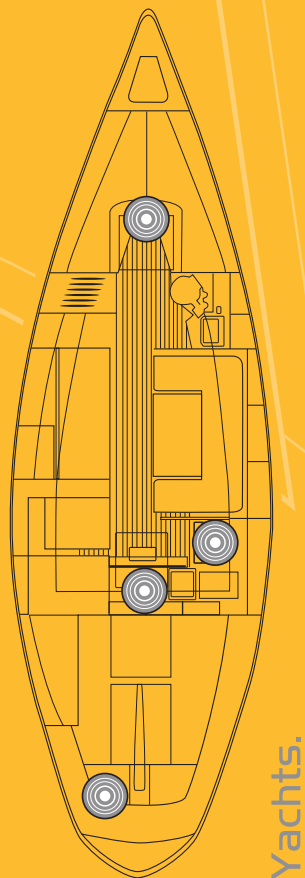
Customisable
for any vessel
Emergency checklists
Simple one touch input
Integrated fire control
Multiple languages
Voice commands
Rolling displays
Data logging



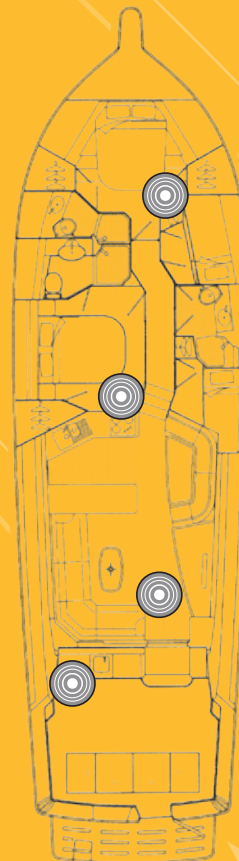
Breathe
easy.

The ISS-IO40 system offers you maximum flexibility and adaptability, able to be retro-fitted to any boat, as well as self-installed.

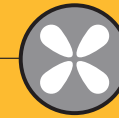
* Diagrams are for illustrative purposes only, and are only suggestive of sensor placement options.



MODEL
ISS-IO40



sensor



exhaust fan



speaker



genset



valve



fire control panel

Key features:

Detection of:

Carbon monoxide • Butane • LPG
Nitrogen dioxide • Hydro carbon

Also:

Individually interfaces with your boat
Displays thermal readings
Provision for up to 130 sensors
Individual vessel check list
Text, audio & speech warnings
Runs on 12V power source





EvrSafe
Advantage
is the best way
to get the most
out of your
product.

Join the **EvrSafe Advantage** program and you will receive an annual membership which entitles you to:

- Unlimited weekday technical support
- Free product updates and software upgrades
- Special offers and discounts bi-annually

Register your membership and you will also receive automated reminders for recalibration of your unit.

For details on how to register for the **EvrSafe Advantage**, speak to your nearest reseller, visit our website, or call 1300 387 723.



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