

The Sea Strainer Alarm alerts you in seconds if the raw water flow to the engine cooling pump is seriously reduced, or if you start the engine with the seacocks turned off.

Why?

Marine engines are cooled by raw sea water, drawn in through the bottom of the hull and pumped through the heat exchanger. Block this vital supply and problems follow immediately. The water pump impeller fails most instantly and engine overheating follows. In extreme situations really serious damage can be done. The Sea Strainer Alarm buys you precious seconds to deal with the problem before any damage occurs. Impede the flow of water through the strainer, or start the engine with the seacocks turned off, and the Sea Strainer Alarm tells you instantly.

How?

The Sea Strainer Alarm spots the restricted water flow in the hose between the strainer and the pump. Too great a restriction and the sensor loses current. The control box instantly picks this up, and the alarm system is set in train. A sensor alarms immediately the water flow is seriously impeded - but doesn't alarm unnecessarily.

Fitting

The Sea Strainer Alarm fits neatly into the water supply between the sea strainer and the engine raw water pump. The unit is supplied complete with fittings for the appropriate hose diameter. Simply cut the supply hose, fit the "T" piece into the hose and secure with hose clips. Then connect the sensor in the top of the "T" piece to the control box (up to 3 sensors can be connected, covering boats with single or twin engines and a generator. The control box requires a 12v or 24v supply. Then connect the simple helm display to the control box. If preferred, the OEM control box can be fitted, allowing you to incorporate your own dashboard lights instead of the standard helm display. An optional alarm siren can also be connected, supplementing the simple buzzer supplied in the helm display.

Sea Strainer Alarm



Choosing the System



Sea Strainer Alarm with a Helm display

Sea Strainer Alarm with OEM Control Box

The Sea Strainer Alarm with a Helm Display

Choose between one, two or three sensors. Tell us the engine type and model. Tell us the inner diameter of the raw water pipe from the sea strainer to the pump. We supply the sensors (each with 4m of cable), the control box, and the helm display unit with 10m cable. The only optional extra is the 120 dB(a) siren to supplement the simple buzzer in the helm display. Stainless hose clips are not included as need varies with hose outside diameter.

The Sea Strainer Alarm with OEM Control Box

The OEM system is designed for customers wishing to build warning lights into the existing dash. You tell us the engine type and model and the inner diameter of the raw water pipe from sea strainer to pump. We supply the sensor (with 4m cable) and the control box. The customer supplies lights, and the unit accepts 12v or 24v. The only optional extra is the 120dB (a) siren. Stainless hose clips are not included as need varies with hose outside diameter.