

The Raw Water Flow System by



Safeguard your cooling system from costly damage

The Raw Water Flow System indicates your engine's water flow volume. This system warns you of a potential problem or danger that would otherwise not be indicated by a water pressure gauge alone, thus preventing cosmetic and structural damage to expensive exhaust headers, intercoolers and cooling systems.

What is Water Flow?

Water flow is a real indication of water surging through a cooling system such as: exhaust headers, sea strainers, impellers, Gen sets, intercoolers and any other marine or industrial applications that utilize water flow.

Why You Need It.

People often confuse water flow with water pressure; as many OEM engine manufacturers measure water pressure in different areas of the motor. This number may not be telling you the real story of water flow. Water pressure can be constant from the first day of operation.

How It Works.

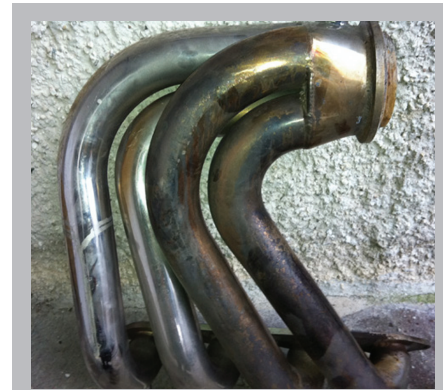
Water flow status information and visual alarm indication is displayed on a 2-5/8" panel-mount gauge. A paddle wheel sensor installs in the Tee that is connected on the output side of a sea strainer or sea pump. Calibration is set at idle and at wide open throttle (WOT). This will generate the cooling system's normal operating range. When water flow rises or drops more than 20% from that range (regardless of RPM), it will trip the alarm illuminating the built-in LED light; an optional audible alarm may be added.

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Water pressure can be constant from the first day of operation,
The danger may be lurking in low water flow which could be caused by

- A plugged heat exchanger
- A kinked hose
- Worn impeller
- Water pickups not collecting enough water for cooling system
- Extensive debris build-up in the intercooler or sea strainer



Result of low water flow

Easy to Install.

This kit is easy to install, Livorsi Marine offers four different Tee sizes to fit your system. Mount the Tee in-line on the output side of a sea strainer or sea pump. The paddle wheel sensor installs in the Tee sending information to be processed on a circuit board that is mounted behind the dash panel. The wheel paddle can be easily removed for inspection and locks back into place once finished, making this system trouble-free to install and with little maintenance to perform.

Cost Effective.

The Livorsi Raw Water Flow System is a cost effective tool intended to prevent cosmetic and structural damage to expensive exhaust headers, intercoolers and other water flow cooling systems saving the user money and time replacing damaged parts.



Shown here with a platinum Race rim

Kits comprise of:

- 2 5/8" GPM gauge
- with an internal warning light
- bronze Tee
- paddle wheel transducer
- PCB board
- a harness

Tee Fitting Size	
1 inch I.D. hose	
1.25 inch I.D. hose	
1.5 inch I.D. hose	
2 inch I.D. hose	

Recipient of



Dial: W PL BK

Rim: BK BL W PL PSS MU R O L PU