

Introducing the Model 551

MARINE ENGINE SAVER®



From the company known for engine protection, Flight Systems is pleased to announce the Model 551 Marine Engine Saver. This is a unit specifically tailored for the unique operating characteristics and protection requirements of Detroit 71, 92 and 149 series engines operating in a marine environment.

The Marine Engine Saver will work with any Detroit engine whether it has DDEC or not, and adds essential protection features not found with DDEC. Flight Systems has been saving Detroit engines in mining and industrial applications for over 25 years with our Model 550 Engine Saver. We've got an impressive track record of success. Installation takes about 6 hours and is not difficult. Everything needed is supplied. If you want it professionally installed and tested on your vessel, factory on-site installation is available anywhere in the east or gulf coast.

When these engines are operating under load and a minor problem develops – the loss of a water pump propeller, a clogged sea strainer, loss of exhaust cooling flow, etc. – the Model 551 will immediately notify the Captain before the engine overheats so that immediate action can be taken. Once the engine overheats, damage is done. The Model 551 will catch a problem before it gets to that stage.

The Model 551 also monitors oil pressure, crankcase pressure, RPM, coolant temperature and exhaust system cooling water temperature. It operates on any standard marine voltage. The Model 551 incorporates circuitry to eliminate false trips and it is designed to operate in the heat, salt air and vibration common to most engine rooms. Transmission gear oil temperature monitoring is optionally available as are other individual customer requirements.

Specifications:

- Input Voltage: 12-32V DC
- Crankcase Pressure Alarm Level: 10" wc
- Idle Oil Pressure Alarm Level: 5-15 PSI, adjustable, RPM modulated
- Running Oil Pressure Alarm Level: 25-50 PSI, adjustable, RPM modulated
- Idle Coolant Pressure Alarm Level: 1-9 PSI, adjustable, RPM modulated
- Running Coolant Pressure Alarm Level: 5-30 PSI, adjustable, RPM modulated
- Coolant Temperature Alarm Level: 160°F to 220°F, adjustable, RPM modulated
- Exhaust System Cooling Water Temperature: Alarm at 180°F.
- Case size: 8" x 6" x 4" finished in epoxy white.

Engine Protection That
Works! From...



FLIGHT SYSTEMS

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