

7. COOLING (principle)

The cooling system used on all the series of generators is based on heat exchangers type sea water/air and sea water/coolant able to assure the perfect functioning of the generator independently from the external ambient temperatures.

Advantages

- The generator may be installed in any room on the vessel without the need to install ventilation blowers.
- Engine and alternator operation in ideal temperature conditions.
- Maximum generator efficiency.
- Simplified generator installation.
- The generator does not heat the environment where it is installed.

IS 3000 RPM (IS 2.5 - IS 3.5 - IS 4.0 - IS 5.0 - IS 6.0)

The cooling system of these models is based on an air/sea water exchanger. This system allows cooling (with sea water) the air which circulates inside the soundproof casing and the air aspirated by the engine for combustion. With these models, both the engine and the generator are air-cooled.

