



CBU control panel (Mod-Bus transmission Unit)

New design, latest technology, big display and soft touch buttons for quick menu navigation, start and stop procedure, IP54 protection grade. Very compact 86x124mm (3.84x4.9 in) with a shielded connecting cable 10mts (32.8 ft) long, CBU has many functions for an easy monitoring of the generator:

- ON/OFF/START/STOP/MENU controls.
- Digital hour-meter, Output voltage, Generator Battery voltage, external battery pack voltage, Frequency, Service time, Event list of last 10 alarms and time.
- 13 different alarms icons displayed.
- 485 Mod-Bus connector for monitoring generator by boat main control monitor.

Engine

- Easy access in case of maintenance to the feeding system and lubrication, of the sea/water pump and the air filter.
- Safety stop in case of low oil pressure.
- Safety stop in case high water/exhaust gas temperature.
- Oil and fuel filters of easy access.

Alternator

- Synchronous, 4 poles, brush less self-excited, electronic voltage regulator (AVR)
- Rotor and stator epoxy resin coated against external agents.
- Rotor dynamically balanced.
- Insulation class H.

Engine

| | |
|-------------------------------------|------------------------|
| Model | Perkins 1103A 33 TG1 |
| Type | Diesel 4 stroke |
| Cylinders (nr.) | 3 |
| Cylinder block material | Cast iron |
| Bore (mm - in.) | 105 - 4,13 |
| Stroke (mm - in.) | 127 - 5,00 |
| Displacement (cc - cu.in.) | 3300 - 201,4 |
| Power (hp) | 63 |
| Rated rpm | 1500 |
| Aspiration | Turbo |
| Combustion system | Direct |
| Engine head material | Cast iron |
| Speed governor | Centrifugal mechanical |
| Lubrication system | Forced |
| Oil sump capacity (L - qt.) | 7,9 - 8,3 |
| Engine stop system | Stop solenoid |
| Fuel pump | Electric |
| Fuel pump discharge (cm - in.) | 160 - 63,0 |
| Full load consumption (L/h - gal/h) | 11 - 2,9 |
| Starting battery (Ah-V) | 80 - 12 |
| Battery charger (Ah-V) | 40 - 12 |
| Starter (V) | 12 |
| Max. inclination | 30° |
| Water pump flow (L/min - gal/min) | 86 - 22,7 |

Alternator

| | |
|----------------------------|---|
| Type | 3 phase, synchronous, 4-poles, self-excited |
| Cooling | Air |
| Voltage (V) | 400 |
| Frequency (Hz) | 50 |
| Max current (A) | 75 |
| Max. power (kVA) | 52 |
| Continuous power (kVA) | 48 |
| Power factor (cos ϕ) | 0,8 |
| Insulating class | H |
| Voltage regulator | Electronic |
| Ripple | $\pm 2\%$ |
| Frequency stability | $\pm 5\%$ |

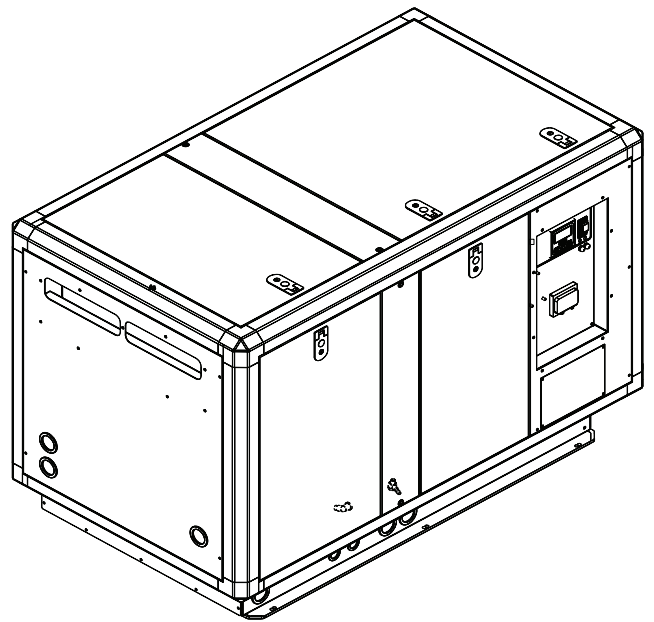
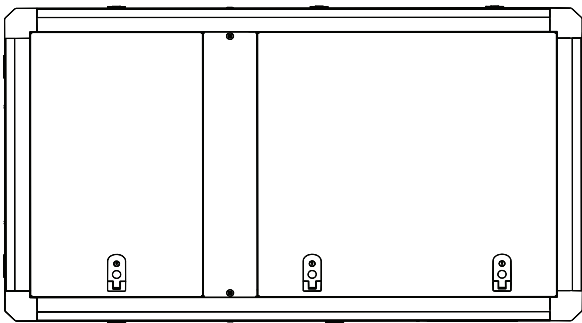
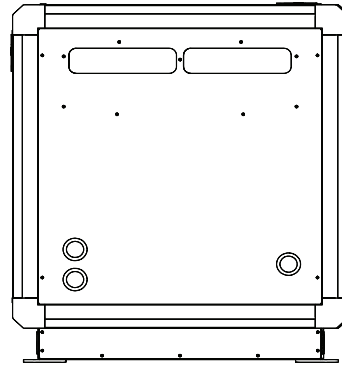
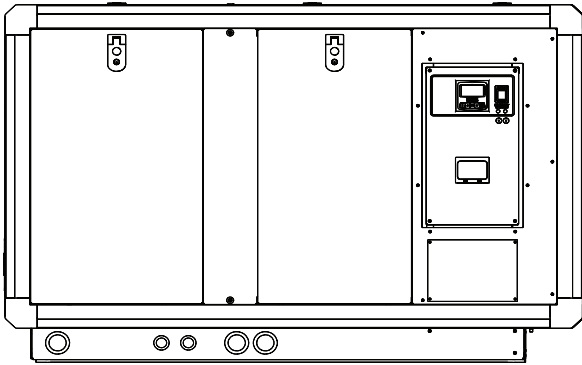
Cooling system

The cooling of the engine is based on a closed inner flow of coolant.

The system is based on a heat exchanger seawater/coolant type, of cupronickel, where the thermal exchange occurs between the two liquids.

Two separate pumps contribute to the flow of the coolant and the sea water.

| | | |
|-------------------------------------|---------------------|---------------|
| Dimensions (Leng. x Width x Height) | 1760x 890 x 1040 mm | (with canopy) |
| Weight | 900 kg | |
| Noise power level | 52 dBA @ 7mt | |



FITTINGS

EXHAUST COMPONENTS KIT

SIPHON BREAK

WATER-GAS SEPARATOR KIT

STARTING REMOTE CONTROL PANEL WITH INSTRUMENTS

*This drawing is only a reference and is not indicated for the installation. For more information, you may contact your local dealer or **GENSET S.p.A.***

***GENSET S.p.A.** reserves the right to change the design or specifications without notice and without any obligations or liability whatsoever. For more information, you may contact your local **GENSET** dealer.*

Dealer:

Magnetron d.o.o.
D-Marin Dalmacija
Bibinje-Sukošan

www.genset.hr
info@magnetron.com.hr



GEN SET S.p.A. - 27030 VILLANOVA D'ARDENGI
(PV) - ITALY - Via STAZIONE, 5
TEL.: (+39)0382-5091 • FAX: (+39)0382-509-244
• EMAIL: commerciale@genset.it