



**SUPER
SILENCED**

Soundproof box



Easy installation



Compact

The intercooler W/A assures the perfect functioning of the generator independently of the external ambient temperature, therefore the alternator and the engine will work at ideal temperature optimizing the performance and reliability of the gen-set.

The generator may be installed in any room on the vessel without the need of ventilation blowers.

Extremely compact and quiet, the generator is equipped with a double shock absorbing system to increase comfort: the first one absorbs vibrations from engine-alternator to the frame, the second one absorbs residual micro-vibrations from frame to vessel.

GSi 12 - 14.6

STANDARD EQUIPMENT

Control panel

_ CBU EVO IL4 device controls and drives the genset. The large display and control pushbuttons allow easy use and monitoring:

- Manual start
- Voltage Vac
- Frequency Hz
- Hour meter
- Genset battery voltage
- Oil low pressure alarm
- Engine preheating
- Engine high temperature alarm
- Alternator battery charger failure alarm
- Protection alarm for frequency and rpm
- Alarm history
- Maintenance warnings
- General alarm outlet
- RUN outlet
- Ready outlet
- Programmable AUX outlet

- _ Emergency stop button
- _ Magneto-thermal protection

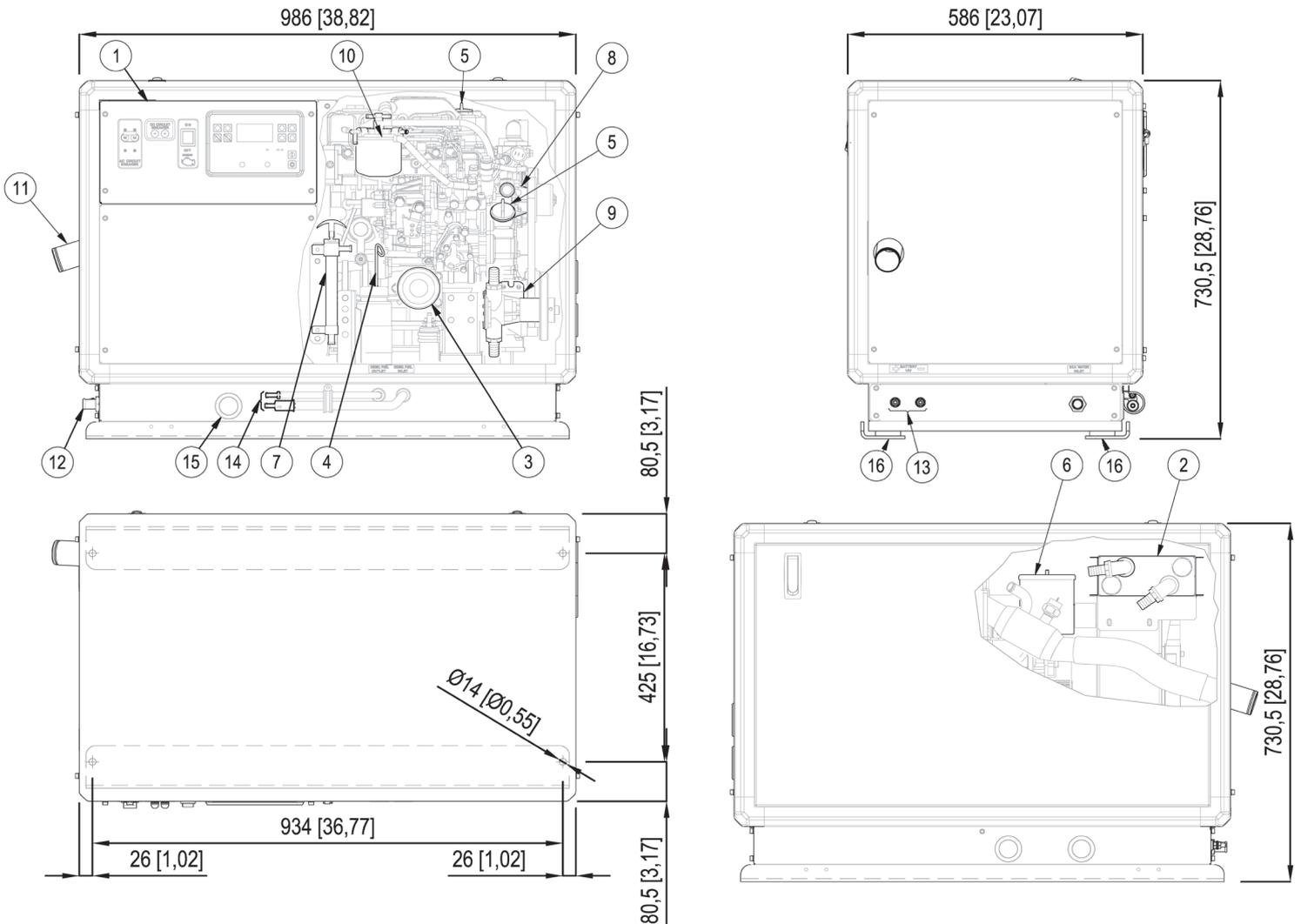
Engine

- _ Easy maintenance access to the feeding and lubrication systems, the sea/water pump and the air filter
- _ Double vibration dumping system
- _ Oil drain pump

Soundproof cabin

- _ Made of extremely light marine aluminum with very high resistance to external agents

Insulated poles kit (for metal hull boats), dry exhaust kit and keel cooling kit are available on request



- | | | | |
|--------------------------|---------------------|--------------------------------|------------------------------------|
| 1. Control panel | 6. Air filter | 11. Exhaust manifold (d.50 mm) | 14. Fuel tank connections (d.8 mm) |
| 2. Air / water exchanger | 7. Oil drump pump | 12. Sea water intake (d.20 mm) | 15. Cables outlet |
| 3. Oil filter cartridge | 8. Fresh water pump | 13. Battery connections | 16. Genset fixing brackets |
| 4. Oil dipstick | 9. Sea water pump | | |
| 5. Engine oil filler | 10. Fuel filter | | |



50 Hz

60 Hz



AC alternator	Synchronous, 4 poles, brushless, self-energized, with automatic voltage regulator (AVR)	
Cooling	Air/Water (Intercooler W/A)	
Voltage	115 or 230 V	120 or 240 V
Frequency	50 Hz	60 Hz
Amps	97.4 or 48.7 A	117.3 or 58.7 A
Max. Power	11.2 kW	13.5 kW
Continuous power	10.2 kW	12.3 kW
Power Factor	cos ϕ 1	
Insulating class	H	
Voltage stability	$\pm 2\%$	
Frequency stability	$\pm 5\%$	

The power is referred to a sea water temperature up to 31°, an atmospheric pressure of 100 KPa and a humidity percentage of 30%

Model	Yanmar 3TNV88	
Type	Diesel 4 stroke	
Cylinders	nr 3	
Cylinder block material	Cast iron	
Bore	88 mm - 3.46 in	
Stroke	90 mm - 3.5 in	
Displacement	1642 cc - 100.2 CID	
Power	18.4 hp - 13.72 kWm	22.2 hp - 16.55 kWm
RPM	1500	1800
Compression ratio	19:1:1	
Combustion system	Indirect injection	
Engine head material	Cast iron	
Speed governor	Centrifugal mechanical	
Lubrication system	Forced	
Oil sump capacity with filter	6.7 l - 1.76 gl	
Engine stop system	Solenoid valve	
Fuel pump	Electric	
Max. fuel pump head	70 cm - 2.29 ft	
Fuel consumption	4 l/h - 0.88 gl/h	5 l/h - 1.1 gl/h
Air intake	1100 l/min - 241 gl/min	1300 l/min - 285 gl/min
Starting battery	80 Ah - 12 V	
Battery charger	40 Ah - 12 V	
Starter	1.2 kW - 12 V	
Max. inclination	30°	
Water pump flow	25 l/min - 5.4 gl/min	28 l/min - 6.1 gl/min
Sea water inlet pipe \varnothing	20 mm - 3/4"	
Exhaust pipe \varnothing	50 mm - 2"	
Input/Output fuel pipe \varnothing	8 mm - 5/16"	

Dimensions (L x W x H)	986 x 586 x 730.5 mm - 38.8 x 23 x 28.7 in (with soundproof box)	
Weight	344 Kg - 764 lb (with soundproof box)	
Noise Level	50 dBA at 7 mt (23 ft)	52 dBA at 7 mt (23 ft)

Accessory

Code

Accessories on request

1. Remote control panel with 20 mt cable for Comap	037698
2. Remote control panel for Comap IntelliLite4 with 20 mt cable	039608
3. Exhaust kit: sea water lock, silencer, outlet D.50	04658
• VETUS Exhaust kit: sea water lock, silencer, outlet D.50	09935
4. Siphon break D. 20	03796
5. Filtering kit: sea water inlet, sea water strainer, taps, fittings D.20	016422
6. Super silenced exhaust kit & exhaust gas separator D.45/50	010078
7. Centek muffler (2")	71155
• Muffler Vetus LP50	71148
8. Centek exhaust gas separator (2")	71156
• Engine oil pressure and temperature sensor kit (Yanmar)	011084
• Silencer VETUS MP50	71751

