

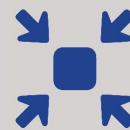


**SUPER  
SILENCED**

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.



## Control panel

- CBU EVO IL4 device controls and drives the genset.
- A large display and control pushbuttons allow an easy use and monitoring of the unit:
- Manual start
- Voltage Vac
- Frequency Hz
- Hour meter
- Genset Battery voltage
- Low oil pressure alarm
- Engine preheating
- Warning and shutdown alarm
- Alternator battery charger failure alarm
- Protection alarm for frequency and rpm
- Alarms history
- Maintenance warning
- General alarm outlet
- RUN outlet
- Ready outlet
- Programmable AUX outlet
- Emergency stop button
- Thermal and magneto-thermal protection

## Engine

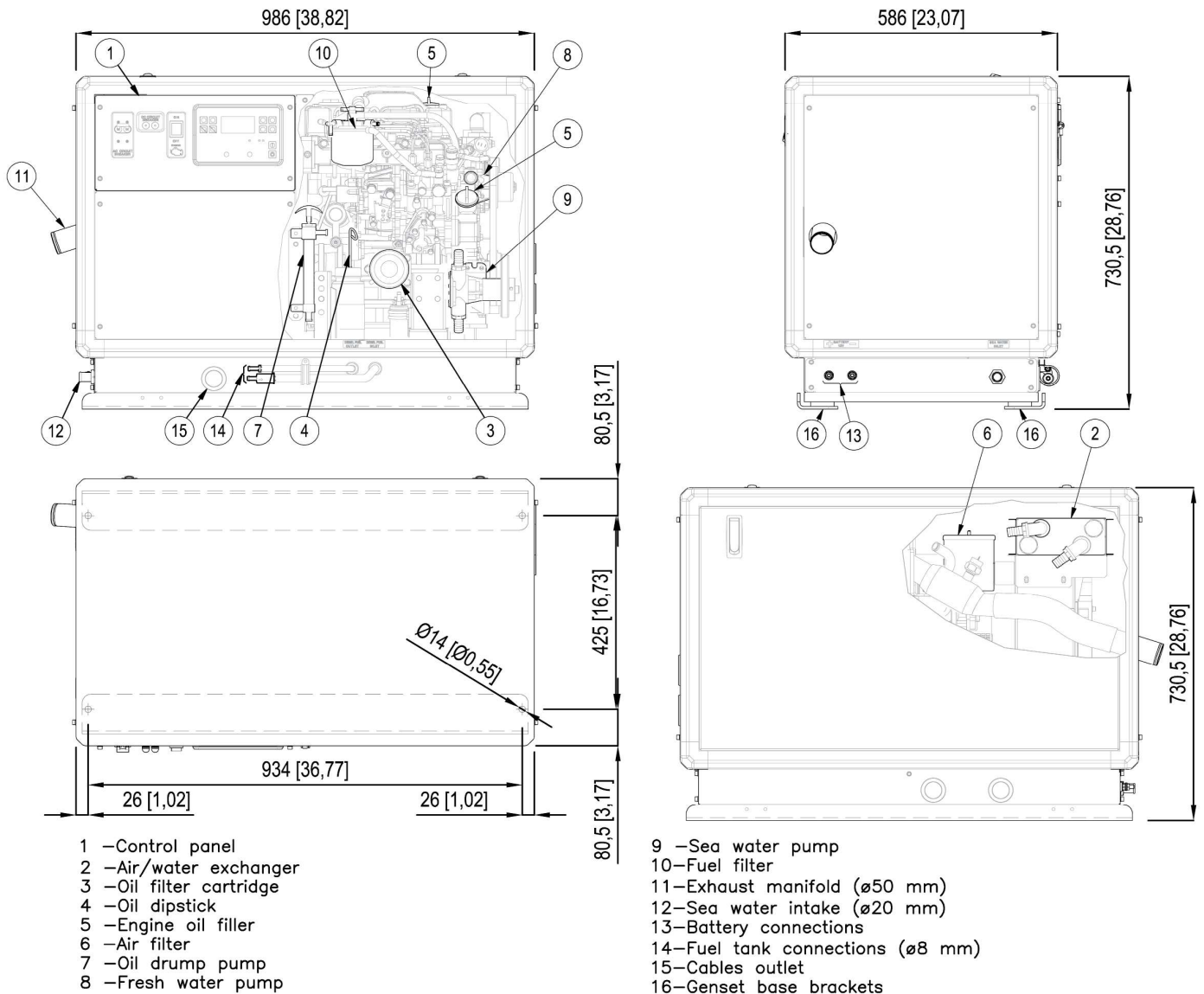
- Easy maintenance access to the feeding and lubrication systems, the sea/water pump and the air filter
- Double vibration dumping system
- Oil drain pump

## 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

## TECHNICAL DRAWINGS IN MM



50 Hz

60 Hz



- AC alternator
- Cooling
- Voltage
- Frequency
- Amps
- Max. Power
- Continuous power
- Power Factor
- Insulating class
- Voltage stability
- Frequency stability

Synchronous, 4 poles, brush less, self-excited, with automatic voltage regulator (AVR)		
Air/Water (Intercooler W/A)		
115 - 230 V		120 - 240 V
50 Hz		60 Hz
97.4 - 48.7		117.3 - 58.7
11.2 kW		13.5 kW
10.2 kW		12.3 kW
1 cos $\phi$		
H		
$\pm 2\%$		
$\pm 5\%$		

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
- Type
- Cylinders
- Cylinder block material
- Bore
- Stroke
- Displacement
- Power
- RPM
- Compression ratio
- Combustion system
- Engine head material
- Speed governor
- Lubrication system
- Oil sump capacity with filter
- Engine stop system
- Fuel pump
- Max. fuel pump head
- Fuel consumption
- Air intake
- Starting battery
- Battery charger
- Starter
- Max. inclination
- Water pump flow
- Sea water inlet pipe  $\varnothing$
- Exhaust pipe  $\varnothing$
- Input/Output fuel pipe  $\varnothing$

Yanmar 3TNV88		
Diesel 4 stroke		
nr 3		
Cast iron		
88 - 3.46 mm-in		
90 - 3.5 mm-in		
1642 - 100.2 cc-CID		
18.4 - 13.72 hp-kWm		20.4 - 15 hp-kWm
1500		1800
19:1:1		
Indirect injection		
Cast iron		
Centrifugal mechanical		
Forced		
6.7 - 1.76 l-gl		
Stop solenoid		
Electric		
70 - 2.29 cm-ft		
4 - 0.88 l/h-gl/h		5 - 1.1 l/h-gl/h
1100 - 241 l/min-gl/min		1300 - 285 l/min-gl/min
80 - 12 Ah-V		
40 - 12 Ah-V		
1.2 - 12 kW-V		
30°		
25 - 5.4 l/min-gl/min		28 - 6.1 l/min-gl/min
20 - 0.78 mm-in		
50 - 1.9 mm-in		
8 - 0.3 mm-in		

- Dimensions (L x W x H)
- Weight
- Noise Level

985 x 585 x 730 mm - 38.7 x 23 x 28.7 in (with soundproof box)		
344 Kg - 764 lb (with soundproof box)		
50 dBA at 7 mt (23 ft)		52 dBA at 7 mt (23 ft)



Accessory	Code
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
· Insulated poles kit	-
· Transmitter kit: oil/water	039678
· Silencer D.50	71751

Accessories on request



## NOTE

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