



Antonio
Matese

- Without patented conductor
- Reduced dimensions
- High efficiency
- No refractory



Vertical steam generator with horizontal pipes to occupy a compact area. These generators are designed with thicker plating in the parts with high pressure, in order to resist possible corrosion as long as possible. The burner is positioned in the upper part of the generator.

MODEL A.M.C. COMPACT

Made in accordance with PED according to 97/23/CE



Model	A.M.C. Compact 20-50	A.M.C. Compact 50-100-120
Steam production Kg/H	From 20 to 50	From 50 to 120
Power Kw/H	From 15 to 34.7	From 34.7 to 90
Kcal.H	From 13000 to 29900	From 29900 to 78000
Pressure Bar	5 – 10	5
Fuel consumption Gas Mc/H	From 1.5 to 3.5	From 3.5 to 9
Gasoil Kg/H	From 1.3 to 3	From 3 to 7.8
Gpl Kg/H Mc/H	From 1 to 2.5 from 0.5 to 1.1	From 2.5 to 6.5 from 1.1 to 2.8
Electr. Kw/H	A 0.75	A 0.75
Steam outlet	1/2" Female	1/2" Female
Chimney diameter mm.	100 Female	140 Female
Back pressure C.C. Mmbar	From 0.3 to 0.5	From 0.5 to 1.8
Burner nozzle C.C. MM.	50	70/130
Water inlet in the tank	1/2" Male	1/2" Male
Weight (empty)	Kg 150	Kg 250
Measurement A	1150 MM.	1500 MM.
Measurement B	980 MM.	1240 MM.
Measurement C	500 MM.	690 MM.
Measurement D	650 MM.	900 MM.

The supply includes:

- Coil made of carbon steel with certified materials as designed.
- Platform/feed tank in stainless steel AISI 304.
- Proper insulation
- Covering in stainless steel AISI 304 properly shaped
- Electric control panel
- Safety valve, pressure switch
- Stainless steel cocks AISI 316.
- Malleable iron pipe fittings
- CALPEDA pump
- Purge valve pneumatic timed
- Control probes, visually flanged level
- The unit is supplied with electrical and water connections already made
- The unit will be accompanied by a certificate of conformity to the PED 97/23 CE.

On request, with an extra charge:

- Stainless steel AISI 316 fittings
- Steam overheater (recommended for plants with long pipelines or where it is required a very dry steam)
- Economizer (recommended for long working sessions as 8-10hour a day; allows significant energy saving.
- Preheating valve water supply (recommended when it is not carried out the recovery of the condensate in order to remove as much as possible the concentration of oxygen).
- Gas or gasoline burner
- Water softener.

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