



MODEL		TOTEM 20	TOTEM 25
<b>POWER</b> @ data recorded at the rated electric power and water inlet of 70°C unless specified; methane @ 20mbar, the data related to LHV= 10.2 kWh/Nm³; air inlet @ 25°C and 101.3 kPa			
Rated electric power	kW	20,0	25,0
Self-consumption	kW	0,205	
Power modulation range*	kW	≥ 7,5	
Rated thermal power	kW	41,9 (48,5 <sup>*</sup> )	50,2 (57,6 <sup>**</sup> )
Net electrical efficiency	%	31,2	32,5
Total efficiency	%	96,5 (106,8 <sup>**</sup> )	97,8 (107,4 <sup>**</sup> )
Seasonal space heating energy efficiency <sup>***</sup>	%	226	251
Fuel		methane	
Fuel consumption	Nm³/h	6,28	7,54
Input power	kW	64,1	76,9

**DIMENSIONS AND WEIGHT**

h x w x l (rigged up with panels - standard version)	cm	128 x 79,5 x 192	
Weight (fluid-filled)	kg	780	

**HYDRAULIC CIRCUIT**

Inlet water temperature range	°C	15 ÷ 70	
Outlet water temperature range	°C	25 ÷ 80	
Rated water flow	l/h	4.000	5.000
Maximum pressure drop	kPa	60	
Maximum exhaust gas temperature	°C	77	
Condensate	kg/h	0 (3,04 <sup>*</sup> )	0 (3,14 <sup>**</sup> )

**ELECTRIC GENERATOR**

Type		asynchronous three phase	
Voltage/frequency	V/Hz	400/50	
Engine starter		starter motor	
Electrical generator connection		Delta	
Poles		2	
Insulation class		H	
Efficiency class		IE3	

**WORKING CONDITIONS**

External air temperature	°C	-5 ÷ 40	
Relative humidity	%	0 ÷ 75	
Acoustic impact Lp @ 1 m distance in open field	dB(A)	61,1	
Emissions CO a 5% O <sub>2</sub>	mg/Nm³	≤ 10	
Emissions NOx a 5% O <sub>2</sub>	mg/Nm³	≤ 10	
Precautions to be taken during assembly, installation or service		refer to installation and user manual	
Technical specifications tolerance		+/- 5%	

\*Subject to local grid connection technical requirements.

\*\*Referred to the input water temperature 35°C.

\*\*\*As defined by regulation EU No. 811/2013, EN 50465/2015.

