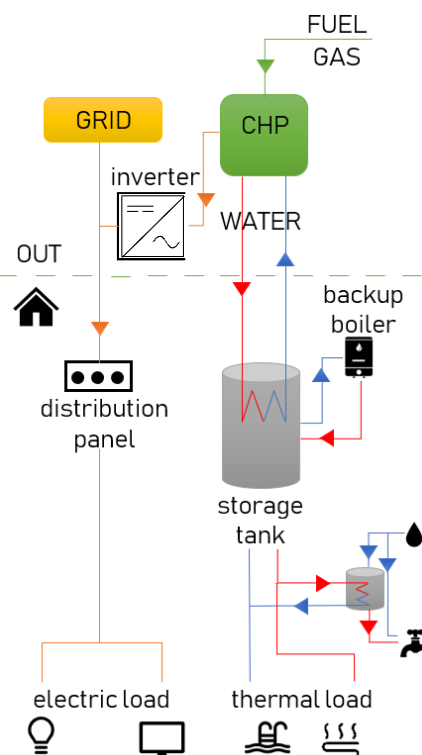


System specifications mod. GW 7.18 EU mCHP			
Efficiency	Overall	96%	
	Electric	29%	
	Thermal	67%	
Compact Dimensions	Width	1080 mm	
	Depth	754 mm	
	Height	1030 mm	
	Weight	400 kg	
Power	Output mCHP	Production	7.88 kW
		Voltage /fqz	400V / 230 V 50Hz
		Phases	L1-L2-L3-N / L-N
	Input mCHP	Auto-consumption	210 W
		Voltage /fqz	230 V / 50 Hz
Heat	Production		19kW (±5%) @ 75°C out mCHP 20kW (±5%) @ 60°C out mCHP
	ΔT _{max}		6.8 K (±2%) @ with nominal flow
	Output Water Tmax (Max Recommended)		75°C (85°C with flow reduction)
	Max Technical Water Flow		2.5 mc/h
	Technical Water		H2O H2O + glycol
	Overheat protection		STOP T _{mot} >98°C
	Type		Metano / LPG
Fuel	Consumption		27.8kW (±3%). 2.88smc/h
	Supply pressure		20mbar
	Level		59 dB @ 1mt
Engine	Characteristics	Type	Volkswagen 2.0 l
		RPM max	1700 rpm
		Mechanical shaft power	8.3 kW _s (±2%)
	Exhaust	Output T max	120°C
		Max pressure output	35mbar
Additional data	Output machine-input inverter		437V DC (max 580V DC @ open circuit)
	Generator		Brushless 250Hz output
	External Water circuit connection		G1"
	External Gas supply connection		G ½ "
	Max Terminal Wire Size		4mmq
	Max Hydraulic Pressure @ building		3.5 bar



**Combined Heat and Power
Connections layout**



GW 7.18 EU

Micro – cogenerator Combined Heat and Power

The new micro-cogenerator GW 7.18 was reviewed in its increased performance and design is more appreciated. GW's mCHP can be installed in parallel or with traditional heat generators, for downgrading the energy consumptions in more applications customers case, for example inside in Hotel, Fitness centers, condominium, Clinic and hospital, retirement houses, commercial center, industries and other more...

The GW's mCHP was thought for the users applications where it is constant heat and electric power load during all year, and it can be in new installations or applications with past traditional system, for to permit a little work impact on installation, but big target in customer economy and energy saving.

The GreenWatt mCHP :

- Satisfy technical prescriptions lawed from Energy company and authority, in the tec law respect and UE standards;
- Is supply with methan gas, or LPG;
- Maintenance programed steps every 6000 run hours, or one time to year;
- High Engine reliability, and spare parts warranty;
- All products assembled and tested in our factory, ready to be installed in every customers systems solutions;
- Tecnology and product tried, thank to GW experience on made CHP system field.
- Incentives from UE, or National or local authority, for energy saving and to create smart grid solutions;

