

— THERMODYNAMIC —

GSE THERMO'SYSTEM™

Heat Pump Water Heaters optimizing
the self-consumption of solar energy

Integrating a solution for controlling and storing of the electricity



NEW TANK CAPACITIES **180L and 254L**

3,5

The higher COP
on the market !
7 years guarantee !



www.gseintegration.com

ADVANTAGES OF THE PRODUCT

- Developed in France to optimise the self-consumption of solar energy by creating a storage in hot water of the not consumed energy **Capacity : 254L or 56 gal and 180L or 40 gal**
- **SMART GRID** module, comes in addition to your photovoltaic system
- **Performance : COP from 3.2 to 3.5** among the highest on the market
- Silent system
- The module detects when the power rejected to the grid hits **750W** and starts the heat pump inside the tank



- Operating temperature range between **-5°C and +35°C** -> automatic shut down outside that operating range
- Only **1.7m high**
- Water storage at **62°C** during solar energy storage
- Possible connection on ambient air or outside air
- Steel body with **Ceraprotect** enamelling for increase resistance to blows
- **Magnesium anode** to make sure the water won't be in contact with the aluminium
- **Easy replacement** of the resistor without emptying the tank
- **7 years guarantee**
- **Up to 70% saving on your hot water bill**

HOW DOES IT WORK ?



TECHNICAL INFORMATIONS

THERMODYNAMIC BOILER VITOCAL 060-A

Vitocal 060-A	Type	TOE version electric back-up	
			
Tank capacity	Liter	180	254
Maximum power consumption (at 55 ° C)	kW	2,25	2,25
Electrical connection voltage / frequency	v	230 single-phased /50 Hz	230 single-phased /50 Hz
Weight	kg	95	110
Dimensions			
Diameter (ø)	mm	584	631
Depth	mm	661	734
Height	mm	1555	1755
COP (in ambient air at 15°C)		3,2	3,5
Heating time (th) (in ambient air at 15°C)		5 h 15	7 h 47
COP pivot RT 2012 (outside air)		3,98	3,44
Energy efficiency class		A +	A +