

GSE FLUSSO HORIZONTAL STORAGE TANK



STATE-OF-THE-ART solution for the production of domestic hot water. It provides the ability to combine two distinct heat sources (heat pump and solar field) to ensure rapid water heating.

The body of the tank, as well as the heat exchangers, are made of 316L stainless steel. Its casing is constructed from 304 stainless steel, making it suitable for outdoor use.

It is intended for a wide range of applications, from hotel to residential systems. It is ideally combined with the GSE FLUSSO STATION.



AVAILABLE MODELS

MODEL	GSE FLUSSO BL HOR	
	400/1-1.4 INOX	600/1.4-1.8 INOX
Useful Volume (lt)	392	550
Length (mm)	1550	2050
Diameter (mm)	800	800
Weight (kg)	127	175
<ul style="list-style-type: none"> The dimensions include the tank's insulation. 		

TECHNICAL SPECIFICATIONS FOR GSE FLUSSO BL HOR	
Auxiliary Energy Source	Heat Pump - Boiler
Tank Material	INOX 316L
Insulation	Polyurethane
Outer Casing	INOX 304
Welding Type	Automatic robot Welding
Nominal Operating Pressure	6 bar
Maximum Operating Pressure	10 bar
Maximum Operating Temperature	95°C
Number of Immersed Heat Exchangers	Two (2): (Solar panels + Heat Pump)
Nominal Operating Pressure of Solar Heat Exchanger	3 bar
Maximum Operating Pressure of Solar Field Heat Exchanger	6 bar
Nominal Operating Pressure of Heat Pump Heat Exchanger	3 bar
Maximum operating Pressure of Heat Pump Heat Exchanger	6 bar
Material of Immersed Heat Exchangers	Spiral 316L Stainless-Steel
Heat Exchanger Welding Type	Automatic Circular Welding

FEATURES

FEATURE	BENEFIT
Tank and heat exchangers made of stainless steel INOX 316L	<ul style="list-style-type: none"> • Corrosion resistance • Maximizes the lifespan of the installation
Optimized design and positioning of heat exchangers.	<ul style="list-style-type: none"> • Rapid heating of stored water • Ideal thermal stratification of the tank • Full utilization of energy sources
Corrugated shape of heat exchangers	<ul style="list-style-type: none"> • Prevention of scale buildup both externally and internally in the heat exchangers • Enhanced heat-transfer due to increased surface area and intensified turbulence levels
Triple-source energy tank	<ul style="list-style-type: none"> • Charging autonomy
Polyurethane insulation	<ul style="list-style-type: none"> • Low thermal loss
Ergonomic design	<ul style="list-style-type: none"> • Easy installation
Minimal visual disturbance	<ul style="list-style-type: none"> • Ideal for hotel rooftops

CONNECTION DIAGRAM



FLUSSO HORIZONTAL WATER STORAGE TANK