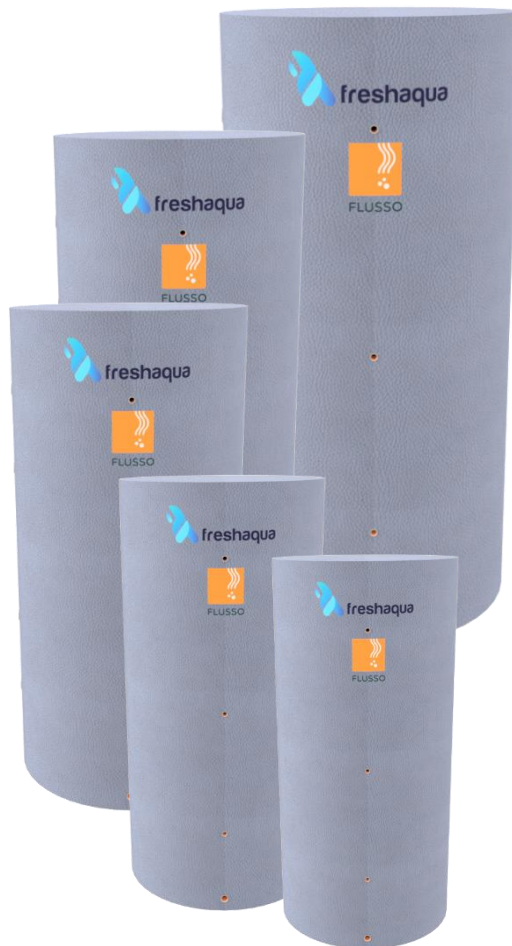


# FLUSSO VERTICAL BUFFER TANK



The **Flusso Vertical Buffer Tank** is the No. 1 solution for energy storage which can be utilized either in systems for direct production of Domestic Hot Water (DHW) (in-line water heating) when combined with **FRESH WATER systems** or in space heating/cooling systems, swimming pools and related applications.

It can be thermally supplied by many heat sources such as Solar Field, Heat Pump, Boiler and Heating Element.



# PRODUCT MODELS

## Without solar heat exchanger

TECHNICAL CHARECTERISTICS					
FLUSSO BF VER	80	130	300	600	1000
Volumetric capacity (lt)	80	130	300	600	1000
Height (mm)	650	1200	1680	2020	2023
Diameter (mm)	440	440	690	810	1000
Weight (kg)	22	29	71	99	125

## With solar heat exchanger

TECHNICAL CHARECTERISTICS			
FLUSSO BF VER-S	300	600	1000
Volumetric capacity (lt)	300	600	1000
Solar Heat Exchanger Area (m <sup>2</sup> )	0.7	1.4	2.0
Height (mm)	1680	2020	2023
Diameter (mm)	690	810	1000
Weight (kg)	74	103	131

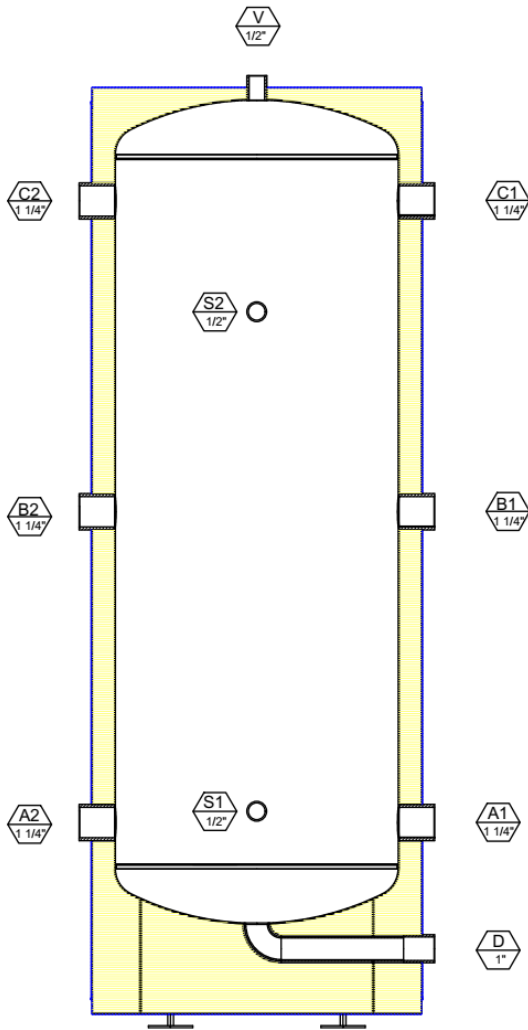
TECHNICAL SPECIFICATIONS	
Tank body material	INOX 304
Insulation	Polyurethane foam (thickness: 90-100 mm, density: 45 kg/m <sup>3</sup> )
Outer casing	PVC leather
Welding type	Automatic circular welding
Protection	Inactivation coating
Nominal operating pressure	3 bar
Maximum operating pressure	6 bar
Energy classification	A-B
Nominal operating temperature	90°C

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## NOMENCLATURE AND HOLES DIAMETERS



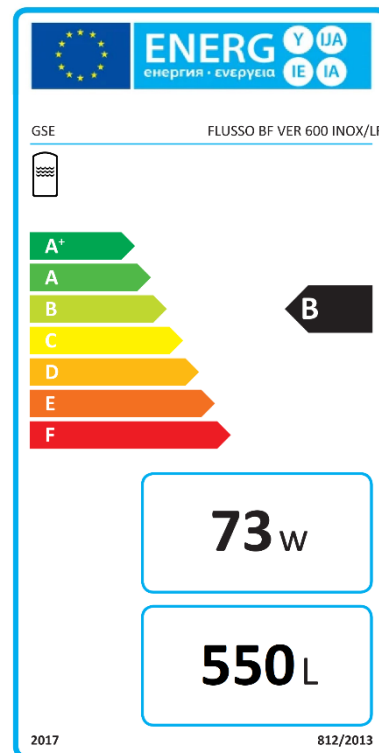
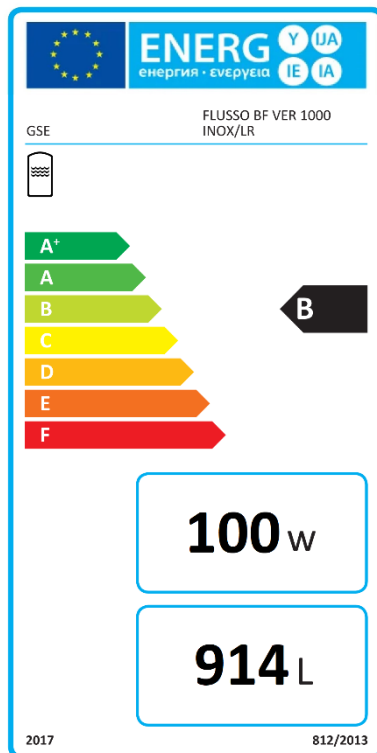
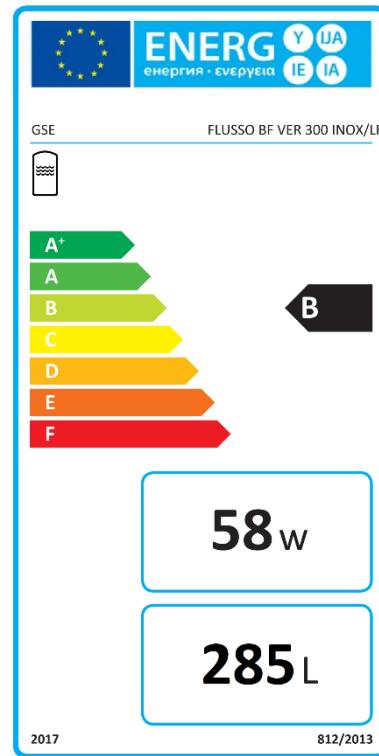
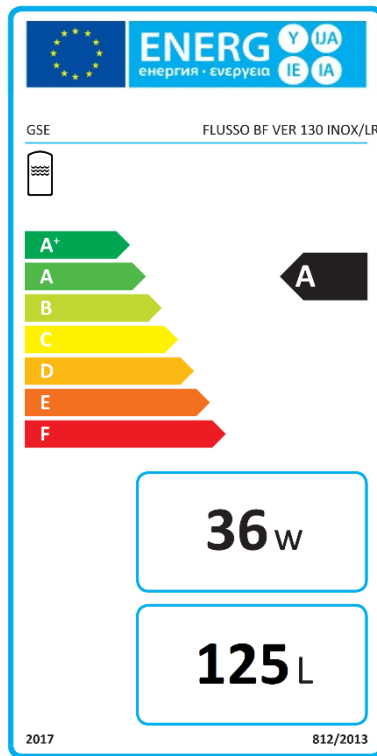
FLUSSO BF VER 130 INOX/LR		
Hole	Nozzle size	Description
A1	1 1/4"	HEAT LEVEL 1
A2	1 1/4"	HEAT LEVEL 1
B1	1 1/4"	HEAT LEVEL 2
B2	1 1/4"	HEAT LEVEL 2
C1	1 1/4"	HEAT LEVEL 3
C2	1 1/4"	HEAT LEVEL 3
D	1"	DRAIN
S1	1/2"	SENSOR
S2	1/2"	SENSOR
V	1/2"	AIR RELIEF

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# ENERGY LABELS



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## QUALITY CHARACTERISTICS

QUALITY CHARACTERISTIC	BENEFIT
Tank body made of INOX 304 stainless steel	Corrosion resistance Maximizes the lifetime of the installation
Plenty of sockets for power sources	Possibility of simultaneous interconnection of a variety of different energy sources
Energy classification A-B	Low thermal losses
Ergonomic design	Easy installation and connections Space saving in engine rooms

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