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DHW PRODUCTION AND STORAGE TANKS

GEISER INOX, multifunction

These multifunction tanks are specially designed for the installation with solar panels or for the installation in which different heating systems are combined for the production of DHW and heating.

The energy stored by the accumulator in the primary circuit is used for the production of hot water and as a backup for heating systems.

It has the capacity to be able to be install simultaneously in combination with several systems of heating hence its name – "multi-function".

The DHW storage tank, made of austenitic stainless steel AISI 316L, is located inside the external tank and carries out thermal exchange by means of a double wall system (tank in tank), ensuring continuous production of DHW.

The external or inertia tank, made in coiling Steel St 37.2, incorporates heating coils for the solar panels with all the necessary connections to incorporate backup electric resistances and/or to combine several additional energy sources, such as a gas or gasoil boiler, solid fuel boiler, etc. and the hot water stored inside it can be used for the household heating circuit (e.g. radiant floor heating).

The extraordinary storage capacity of these tanks is due to their thermal insulation in mould-injected PU with an optimum density, in addition, their special design also enables models of up to 1,000 litres to fit through 800 mm wide doors, facilitating their installation in places with limited access, without any difficulty.

STAINLESS STEEL

"MULTIFUNCTION" TANKS WITH DOUBLE-WALL AND SOLAR COIL, RANGE GX

"Multifunction" tanks for solar installation or installation in combination with different sources of energy at the same time.

With totals Capacities: **600, 800 and 1000** litres

The external or inertia tank, made in coiling Steel St 37.2, houses the solar heating coil and the inner tank made in AISI 316 L austenitic stainless steel, for the production and storage of DHW by means of the "double wall" system.

The unit is insulated with 80 mm of rigid, mould-injected, CFC-free polyurethane foam with removable sides to allow the 800 litre and 1,000 litre models it to fit through 800 mm wide doors.

The external finish is with a padded, removable RAL 9016 white polypropylene jacket and covers and front panel with DHW thermometer in RAL 7021 grey.

*Product specially designed for the production of DHW using **SOLAR ENERGY.***

Technical characteristics		
Max. temperature in DHW	°C	90
Max. Temperature in surrounding DHW	°C	110
Max. pressure in DHW	bar	8
Max. pressure in surrounding DHW	bar	3
Max. pressure in heating coil circuit	bar	25

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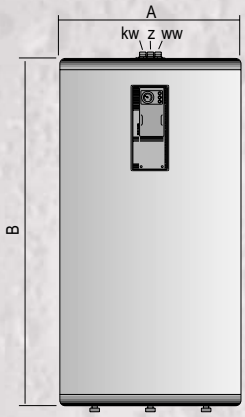

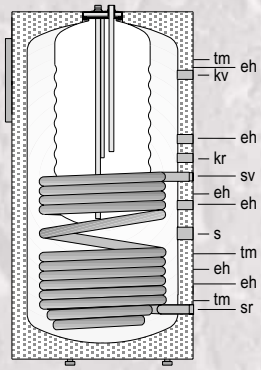

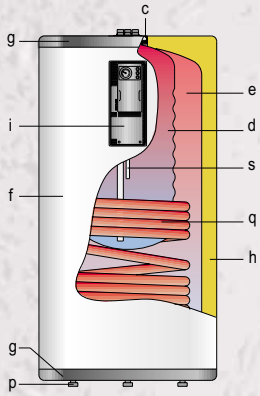

c- Inspection port
d- D.W.H. storage tank
e- Heating body
f- External lining
g- Cover
h- Thermal Insulation
i- Control panel
s- Probe tube for sensors
p- Levelling legs
q- Solar coil

Connections / Dimensions		GX-600-P	GX-800-P	GX-1000-P
Total capacity	l.	600	800	1000
D.H.W. capacity	l.	215	200	250
Heating body capacity	l.	390	570	720
Exchange surface heating coil	m^2	2,4	2,7	2,7
Empty weight (approx.)	Kg.	150	230	265
kw: Cold water inlet	"GAS/M	1	1	1
ww: Hot water outlet	"GAS/M	1	1	1
z: Recirculation	"GAS/M	1	1	1
kv: Primary circuit inlet (boiler)	"GAS/F	1-1/4	1-1/4	1-1/4
kr: Primary circuit outlet (boiler)	"GAS/F	1-1/4	1-1/4	1-1/4
sv: Primary circuit inlet (solar panel)	"GAS/F	1	1	1
sr: Primary circuit return (solar panel)	"GAS/F	1	1	1
eh: Side connection	"GAS/F	1-1/4	1-1/4	1-1/4
s: Primary connection	"GAS/F	2	2	2
tm: Sensors primary circuit connections	"GAS/F	1/2	1/2	1/2
Dimension A: External diameter	mm.	770	950	950
Dimension B: Overall height	mm.	1730	1840	2250
Heating coil power/ Primary flow*	kW - m^3/h	46 - 5	52 - 5	61 - 5

* Primary circuit temperature = 90° C, ΔSecondary circuit temperature = 10/45° C

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Lapesa Grupo Empresarial S.L. reserves the right to carry out technical changes to its products without prior notification.

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