Catalogue [2024]

STAINLESS STEEL TANKS

DHW

TANKS AND EQUIPMENT

DOMESTIC HOT WATER PRODUCTION AND STORAGE

for individual and communal installation and industrial applications.

STAINLESS STEEL TANKS

lapesa 60 1964-2024

DOMESTIC HOT WATER PRODUCTION AND STORAGE

Proven quality, excellence in surface protection and maximum storage capacity.

lapesa Solutions FOR YOUR COMFORT AND ECONOMY

DHW

STAINLESS STEEL TANKS

TANKS

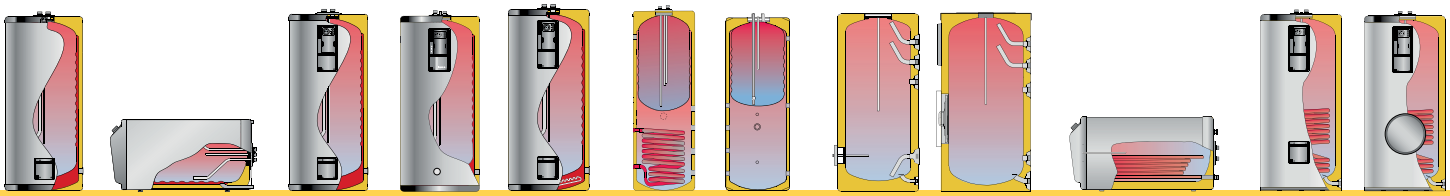
FOR DOMESTIC HOT WATER
PRODUCTION AND STORAGE
50 to 12000 litres
for individual and communal installation
and industrial applications

lapesa

STAINLESS STEEL TANKS

DHW PRODUCTION/STORAGE TANKS

SERIES	MODELS	CAPACITIES DHW / TOTAL (l.)	STAINLESS STEEL MATERIAL	STANDARD DHW PRODUCTION TYPE/SYSTEM	OPTIONAL DHW PRODUCTION SYSTEM
GEISER INOX domestic range **60 to 1000 litres**	**GX6 S**	60/90 to 500/600	AISI 316 L	DOUBLE WALL	
	GX6 TS	150/175 to 200/235	AISI 316 L	DOUBLE WALL	
	GX6 D	60/90 to 500/600	AISI 316 L	DOUBLE WALL	ELECTRIC HEATING ELEMENT
	GX6 DE	90/140 to 712/1000	AISI 316 L	DOUBLE WALL	ELECTRIC HEATING ELEMENT
	GX6 DEC	60/90 to 500/600	AISI 316 L	DOUBLE WALL + ELECTRIC HEATING ELEMENT	
	GX6 P	115/245 to 250/1000	AISI 316 L	DOUBLE WALL + COIL	ELECTRIC HEATING ELEMENT
	GX6 PAC	115/245 to 250/1000	AISI 316 L	DOUBLE WALL	ELECTRIC HEATING ELEMENT
	GX-...-R	200 to 1000	AISI 316 L	STORAGE	PLATE EXCHANGER/ELECTRIC HEATING ELEMENTS
	GX-...-RB	800 to 1000	AISI 316 L	STORAGE	PLATE EXCHANGER/ELECTRIC HEATING ELEMENTS
	GX-...-M1/M1B	200 to 1000	AISI 316 L	1 COIL	ELECTRIC HEATING ELEMENT
	GX-...-TSC	100 to 150	AISI 316 L	1 COIL	
	GX-...-TSM	150 to 200	AISI 316 L	1 COIL	
	GX-...-M2/M2B	200 to 1000	AISI 316 L	2 COILS	ELECTRIC HEATING ELEMENT
	GX-...-HL/HLB	200 to 1000	AISI 316 L	OVERDIMENSIONED COIL	ELECTRIC HEATING ELEMENT
	HYDRAULIC INSTALLATION EXAMPLES DHW PRODUCTION ELECTRIC HEATING REGULATION AND CONTROL THERMAL INSULATION CATHODIC PROTECTION / ACCESSORIES				
MASTER INOX large capacity **1500 to 6000 litres**	**MXV-...-RB**	1500 to 6000	AISI 316 L	STORAGE	PLATE EXCHANGER/ELECTRIC HEATING ELEMENTS
	MXV-...-SB	1500 to 6000	AISI 316 L	DETACHABLE COIL	ELECTRIC HEATING ELEMENT
	MXV-...-SSB	1500 to 6000	AISI 316 L	OVERDIMENSIONED DETACHABLE COIL	ELECTRIC HEATING ELEMENT
	MXV-...-S2B	2000/3500/5000/6000	AISI 316 L	2 DETACHABLE COILS	ELECTRIC HEATING ELEMENT
	MXV-...-SS2B	2000/3500/5000/6000	AISI 316 L	2 DETACHABLE COILS (LOWER ONE OVERDIMENSIONED)	ELECTRIC HEATING ELEMENT
	DHW PRODUCTION ELECTRIC HEATING THERMAL INSULATION CATHODIC PROTECTION / ACCESSORIES / FINISHES IN ALUMINIUM ALUNOX				
	INDUSTRIAL CAPACITY STORAGE TANKS: 7000 to 12000 litres				

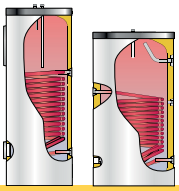


GX6 S pag. 11 | **GX6 TS** pag. 11 | **GX6 D** pag. 12 | **GX6 DE** pag. 13 | **GX6 DEC** pag. 14 | **GX6 P** pag. 16 | **GX6 PAC** pag. 17 | **GX-R / RB** pag. 20 | **GX-TSM** pag. 24 | **GX-M1 / M1B** pag. 24

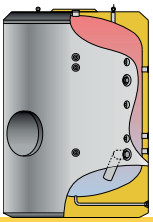
APPLICABLE ENERGY SOURCE

HEAT PUMP	SOLAR COLLECTORS	GAS/FUEL OIL BOILER	SOLID FUELS BOILER	ELECTRIC HEATING ELEMENTS	SEVERAL COMBINED ENERGY SOURCES	PAGE
•	•	•				10
•	•	•				11
•	•	•		•	•	12
•	•	•		•	•	13
•	•	•		•	•	14
•	•	•	•	•	•	16
•	•	•	•	•	•	17
				•	•	20
				•	•	20
	•	•		•	•	24
	•	•			•	24
	•	•				25
	•	•		•	•	25
•	•	•		•	•	26
						27
						28
						34
						36
						37
						38
				•	•	43
	•	•		•	•	47
•	•	•		•	•	48
	•	•		•	•	49
•	•	•		•	•	49
						50
						54
						56
						57
						62

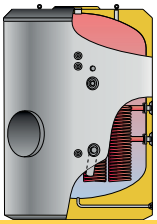
GX-M2 / M2B
pag. 25



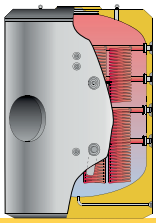
GX-HL / HLB
pág. 26



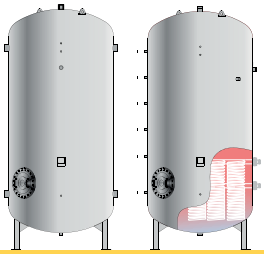
MXV -RB
pag. 43



MXV-SB / SSB
pag. 47 / 48



MXV-S2B / SS2B
pag. 49



INDUSTRIAL CAPACITY
pag. 60

GEISER INOX - MASTER INOX
the stainless steel solution!

*Chromium-nickel-molibdenum **STAINLESS STEEL**, highly resistant to pitting caused by halogen elements such as the chlorine present in drinking water, is the material used to manufacture all of the models in our **"GEISER INOX" and "MASTER INOX "**series.*

HYGIENIC MATERIAL: Easy to clean, it allows the use of very energetic washing and disinfecting means (e.g. anti-legionella treatments) without undergoing any changes. In DHW tanks made of stainless steel there is no accumulation of residues from sacrificial anodes because the tanks do not require cathodic protection in normal working conditions.

FOOD GRADE: Stainless steel is a non-toxic material that is commonly used in the food industry. In hygiene tests it is on a par with glass and porcelain and is thus considered ideal for use in the manufacture of tanks intended for the production and storage of domestic hot water.

MAXIMUM WORKING TEMPERATURE: It withstands the maximum DHW storage temperatures handled by this type of facilities (90ºC) without undergoing any change.

LONG SERVICE LIFE: Amongst the stainless steels used for these products, **AISI 316 L stainless steel** has one of the highest levels of corrosion resistance. By way of example AISI 316 L stainless steel withstands twice as much dissolved chloride in water content than AISI 304 L steel in the same working conditions.
Cathodic protection is not required. The "GEISER and MASTER INOX" series of storage tanks do not require cathodic protection in normal conditions of use for drinking water (European Directive 98/83/CE). In the case of water which is particularly aggressive due to its chemical composition, the storage tanks supplied with lapesa correx-up permanent, maintenance-free cathodic protection.
High mechanical strength: The stainless steel withstands the mechanical stress caused by sudden fluctuations in pressure, water hammer effects of pumps, etc. without any problems or risk of damage.

EXCEPTIONAL PRODUCT QUALITY: The best-kept secret. The process employed in the manufacture of our stainless steel storage tanks is the key to their success as products of proven quality.
The special welding procedures used in their manufacture and the subsequent pickling and passivation of metal surfaces, which is subject to strict quality controls, endows our products with a quality that puts them at the very highest market level.
This level of quality is underpinned by our products' worldwide presence for more than 30 years.

OPTIMIZED DESIGN. BEST VALUE FOR MONEY: Design and features. The wide range of models in our **"GEISER INOX and MASTER INOX"** series, leverages the many design options that stainless steel affords, endowing our products with the best performance features. Excellent product value-for-money comes from optimizing the design and the manufacturing process for each model.
Double-wall models with electric heating incorporated in the primary heating circuit, maintenance-free, specific high-performance models to ensure the best possible use of **RENEWABLE ENERGIES,** models for low-temperature, mixed, communal, individual or battery installations are only some of the possibilities provided by the variety of designs in our range.

The level of quality of a stainless steel tank mainly depends on the quality and execution of the manufacturing processes, well as on the design of the storage tank and the quality of the stainless steel used. The success of **lapesa** *products is closely linked to the combination of these three aspects*

APPLICABLE DIRECTIVES AND STANDARDS:
Directive 2014/68/UE: European Pressure Equipment Directive.
Royal Decree 865/2003 establishing hygiene-health criteria for the prevention and control of Legionnaires' disease.
Regulation on thermal installations in buildings (RITE) and its accompanying technical instructions.
UNE 100030:2005 IN STANDARD: Guide for the prevention and control of the proliferation and dissemination of legionella in installations.
UNE 112076:2004 IN STANDARD: Prevention of corrosion in water circuits.

APPLICATIONS

GEISER INOX
- Individual installations for the production/storage of DHW
- Single-family homes
- Gymnasiums and sports centres
- Clinics and hospitals
- Laboratories
- Restaurants, hotels, bars
- Laundries
- Schools and universities
- Solar and other renewable energy installations
- DHW centralized systems (battery installation)

MASTER INOX
- Individual production/storage installations with large DHW consumptions
- Collective housing
- Gymnasiums and sports centres
- Clinics and hospitals
- Laboratories
- Restaurants, cafeterias, bars
- Hotels
- Laundries
- Schools and universities
- Solar and other renewable energy installations
- Industrial installations (individual or battery installation)
- Large DHW consumptions (individual or battery installation)
- Centralized DHW systems in buildings (individual or battery installation)

GEISER INOX - STAINLESS STEEL

DOUBLE WALL models - nothing but advantages!

The water contained in the surrounding tank or primary tank is heated by an external energy source (boiler, heat pump, solar collectors, etc.) that passes through this vessel and transmits its thermal energy to the water contained in the inner tank or DHW storage tank.

DOUBLE-WALL TANKS: This is the star product of the "GEISER INOX" series thanks its many advantages over conventional DHW production systems.
The DOUBLE-WALL system basically consists of a combination of two tanks, one inside the other. DHW production takes place by the exchange of heat from the external or primary tank to the internal or secondary tank (DHW), throughout the whole of the tank's surface.
The water contained in the surrounding tank or primary tank is heated by an external energy source (boiler, heat pump, solar collectors, etc.) that passes through this vessel and transmits its thermal energy to the water contained in the inner tank or DHW storage tank.

DHW PRODUCTION/STORAGE TANKS
GEISER INOX - **DOUBLE WALL**

LONG-LASTING PRODUCT: **Nickel-chromium-molybdenum STAINLESS STEEL** DHW storage tank, highly resistant to pitting caused by halogen elements such as chlorine in drinking water. This is the material used to manufacture all of the models in our "GEISER INOX" series.

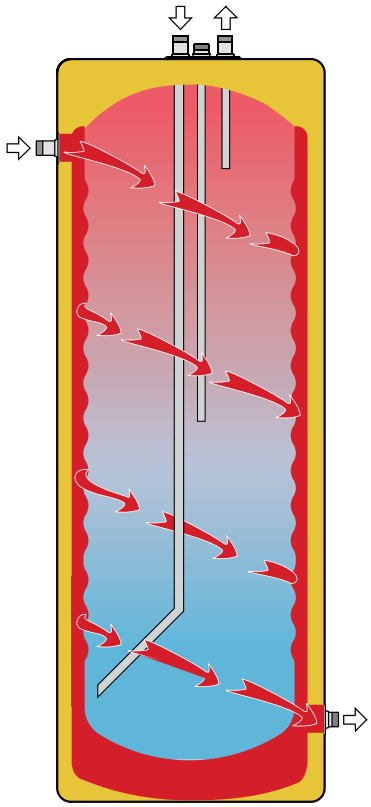
SELF-CLEANING EFFECT: Corrugated design of the DHW storage tank, in constant vertical movement depending on the fluctuations in the internal pressure, which helps to detach any limescale from the walls.

ANTI LEGIONELLA DESIGN: Totally uniform DHW storage temperature, with no cold zones inside the storage tank. The surround heating of DHW produces a uniform water storage temperature throughout the whole of the tank, which in turn allows it to be used to its full capacity.

MAINTENANCE-FREE: DHW tank without any internal heat exchange elements. It does not require cathodic protection in normal drinking water conditions. The models with electric heating have the heating element in the primary circuit so there is no risk of corrosion or lime scale.

LARGE DHW PRODUCTION CAPACITY: The heat exchange area is that of the total surface area of the DHW storage tank.

MAXIMUM STORAGE CAPACITY: Extra thick, rigid, PU mould-injected insulation that minimizes heat losses of stored DHW (see HEAT INSULATION chapter, page: 37)



DOUBLE WALL TANKS HEATING SYSTEM

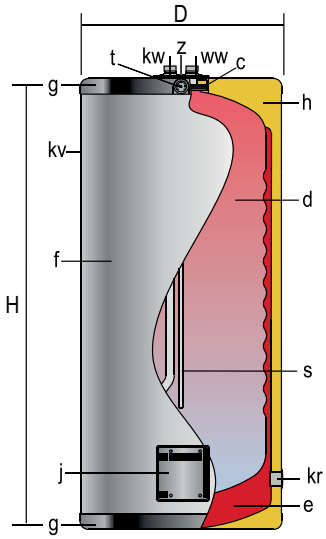
FEATURES COMMON TO ALL "DOUBLE-WALL GEISER INOX" MODELS:

- DHW storage tanks in **AISI 316 L stainless steel**
- DHW capacities: **60, 100, 150, 200, 300 and 500 litres**
- Maximum working pressure of DHW storage tank: **8 bar** (10 bar optional)
- Maximum working temperature of DHW storage tank: **90 ºC**
- Maximum working pressure of surrounding tank (primary circuit): **3 bar**
- Maximum working temperature of surrounding tank (primary circuit): **110 ºC**
- Thermal insulation: **Rigid, mould-injected PU** (CFC/HCFC-free, 0.025 W/mºK)
- VERTICAL or HORIZONTAL installation. Up to 150 litres, ready for WALL MOUNTING (except TS models)

GEISER INOX "S"

DOUBLE-WALL storage tank for the production of DHW by heat exchange between the surrounding tank (primary circuit) and the internal tank (DHW), via an external energy source (boiler, solar panels, heat pump, etc.).
Finish: RAL 9016 white external lining and RAL 7021 grey cover.
For VERTICAL or HORIZONTAL installation.
Designed for wall mounting, up to GX6 S190 model.

EQUIPMENT:
DHW thermometer on top cover. Brackets for wall mounting, up to GX6 S190 model.



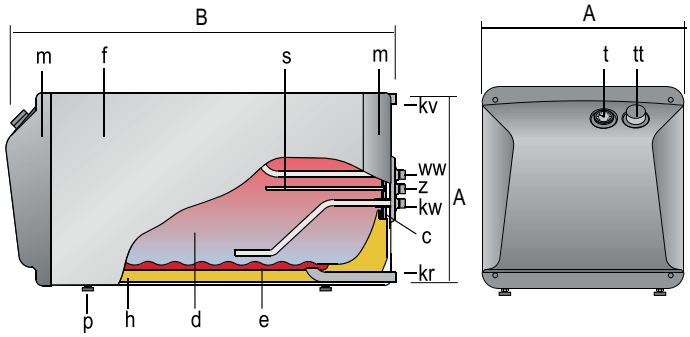
c - inspection hole
d - DHW tank
e - heating chamber
f - external lining
g - cover
h - thermal insulation
j - side hole
s - probe tube for sensors
t - thermometer

GENERAL CHARACTERISTICS		GX6 S90	GX6 S130	GX6 S190	GX6 S260	GX6 S400	GX6 S600
Total capacity	l.	82	130	191	256	365	608
DHW capacity	l.	60	100	150	200	300	500
Primary HW capacity	l.	22	30	41	56	65	108
D: external diameter	mm.	480	480	620	620	620	770
H: overall height	mm.	750	1155	985	1240	1725	1730
kw: cold water inlet / drain	" GAS/M	3/4	3/4	3/4	3/4	1	1
ww: DHW outlet	" GAS/M	3/4	3/4	3/4	3/4	1	1
z: Recirculation	" GAS/M	3/4	3/4	3/4	3/4	1	1
kv: primary input	" GAS/F	1	1	1	1	1	1 1/2
kr: primary return	" GAS/F	1	1	1	1	1	1 1/2
Heat exchange surface	m^2	0,8	1,2	1,2	1,6	2,4	3
Empty weight (approx.)	Kg	34	50	63	76	105	149

GEISER INOX "TS"

DOUBLE-WALL storage tank for the production of DHW by heat exchange between the surrounding tank (primary circuit) and the internal tank (DHW), via an external energy source (boiler, solar panels, heat pump, etc.).
Specifically designed for **HORIZONTAL INSTALLATION.**
Finish: RAL 9016 white external lining and black covers.
Able to withstand the weight of a boiler of up to 700 kg on top.

EQUIPMENT:
Thermometer & DHW regulation thermostat on front cover.



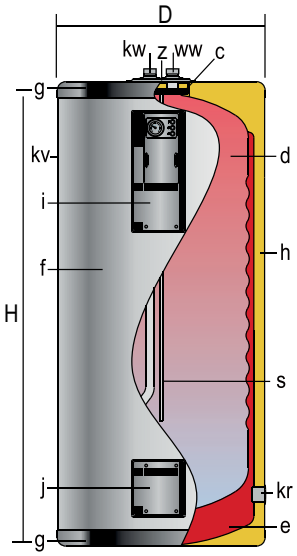
GENERAL CHARACTERISTICS		GX6 TS180	GX6 TS240
Total capacity	l.	175	233
DHW capacity	l.	150	200
Primary HW capacity	l.	25	33
A: heigth / width	mm.	630	630
B: length	mm.	1.000	1.225
kw: cold water inlet / drain	" GAS/M	3/4	3/4
ww: DHW outlet	" GAS/M	3/4	3/4
z: recirculation	" GAS/M	3/4	3/4
kv: primary input	" GAS/F	1	1
kr: primary return	" GAS/F	1	1
Heat exchange surface	m^2	1,2	1,6
Empty weight (approx.)	Kg	66	85

c - inspection hole
d - DHW tank
e - heating chamber
f - external lining
h - thermal insulation
m - side covers
p - leveling feet
s - probe tube for sensors
t - thermometer
tt - thermostat

GEISER INOX "D"

DOUBLE-WALL storage tank tank for the production of DHW by means of heat exchange between the surrounding tank (primary circuit) and the internal tank (DHW), via an external energy source (boiler, solar panels, heat pump, etc.).
Equipped with side hole in primary circuit for **optional incorporation of electric heating element**.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.
For VERTICAL or HORIZONTAL installation (under request, see page 14)
(except TS models)
Designed for wall mounting, up to GX6 D190 model.

EQUIPMENT:
"K" control panel, wired and mounted, with thermometer, dual safety and control thermostat, winter-summer switch and LEDs.
OPTIONAL: "KP1" control panel with analog time switch for electric heating.
Brackets for wall mounting, up to model GX6 D190.



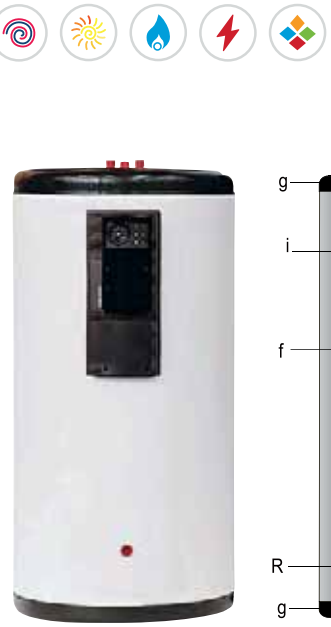
c - inspection hole
d - DHW tank
e - heating chamber
f - external lining
g - cover
h - thermal insulation
i - control panel
j - side hole
s - probe tube for sensors
t - thermometer

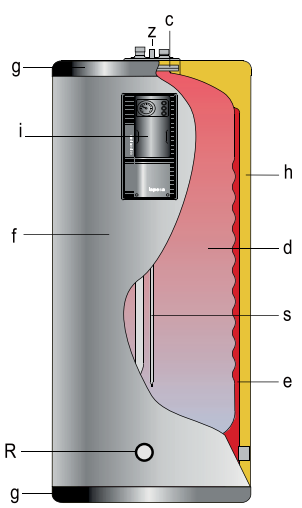
GENERAL CHARACTERISTICS		GX6 D90	GX6 D130	GX6 D190	GX6 D260	GX6 D400	GX6 D600
Total capacity	l.	82	130	191	256	365	608
DHW capacity	l.	60	100	150	200	300	500
Primary HW capacity	l.	22	30	41	56	65	108
D: external diameter	mm.	480	480	620	620	620	770
H: overall height	mm.	750	1155	985	1240	1725	1730
kw: cold water inlet / drain	" GAS/M	3/4	3/4	3/4	3/4	1	1
ww: DHW outlet	" GAS/M	3/4	3/4	3/4	3/4	1	1
z: Recirculation	" GAS/M	3/4	3/4	3/4	3/4	1	1
kv: primary input	" GAS/F	1	1	1	1	1	1 1/2
kr: primary return	" GAS/F	1	1	1	1	1	1 1/2
Heat exchange surface	m^2	0,8	1,2	1,2	1,6	2,4	3
Control panel	model	K	K	K	K	K	K
Empty weight (approx.)	Kg	36	52	65	78	107	151

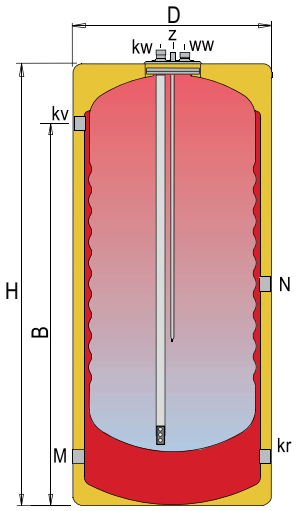
GEISER INOX "DE"

DOUBLE-WALL storage tank for the production of DHW by means of heat exchange between the surrounding tank (primary circuit) and the internal tank (DHW), via an external energy source (boiler, solar panels, heat pump, etc.).
Equipped with side threaded connection in primary circuit for **optional incorporation of an "RI"-type THREADED electric heating element.**
Finish: RAL 9016 white external lining and RAL 7021 grey cover.
For VERTICAL installation.

EQUIPMENT:
"K" control panel, wired and mounted, with thermometer, dual safety and control thermostat, winter-summer switch and LEDs.
OPTIONAL: "KP1" control panel with analog time switch for electric heating.







c - Top inspection hole
d - DHW tank
e - Heating chamber
f - Outer lining
g - Cover
h - Thermal insulation
i - Control panel
s - Probe tube for sensors

GENERAL CHARACTERISTICS		GX6 DE140	GX6 DE180	GX6 DE215	GX6 DE260	GX6 DE400	GX6 DE600	GX6 DE1000
Total capacity	l.	138	176	214	252	355	574	955
DHW capacity	l.	92	127	161	196	265	433	712
Primary HW capacity	l.	46	49	53	56	90	141	243
D: external diameter	mm.	560	560	560	560	620	770	950*
H: overall height	mm.	1030	1280	1530	1780	1725	1730	2250
kw: cold water inlet / drain	" GAS/M	3/4	3/4	3/4	3/4	1	1	1
ww: DHW outlet	" GAS/M	3/4	3/4	3/4	3/4	1	1	1
z: Recirculation	" GAS/M	3/4	3/4	3/4	3/4	1	1	1
kv: primary input	" GAS/F	1	1	1	1	1 1/2	1 1/2	1 1/2
kr: primary return	" GAS/F	1	1	1	1	1 1/2	1 1/2	1 1/2
R: connection for electric heating element	" GAS/F	2	2	2	2	2	2	2
N: primary side connection	" GAS/F	-	1	1	1	1 1/2	1 1/2	-
M: primary side connection	" GAS/F	1	1	1	1	1 1/2	1 1/2	1 1/2
Heat exchange surface	m^2	0,9	1,2	1,6	1,9	2,2	2,8	4
Control panel	model	K	K	K	K	K	K	K
Empty weight (approx.)	Kg	50	67	90	97	106	150	239

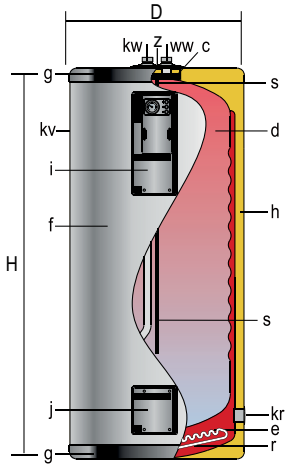
(*) Insulation system allows passing through 800 mm wide doors.

lapesa Solutions

GEISER INOX "DEC"

DOUBLE-WALL storage tank for the production of DHW by means of heat exchange between the surrounding tank (primary circuit) and the internal tank (DHW), via an external energy source (boiler, solar panels, heat pump, etc.).
Equipped with side hole in primary circuit, with **factory-mounted electric heating element.**
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT:
Full electric heating unit, factory-mounted and wired, comprising electric heating element and "K" control panel, with thermometer, dual safety and control thermostat, winter-summer switch and LEDs.
Brackets for wall mounting, up to model GX6 DEC190.
OPTIONAL: "KP1" control panel with analog time switch for electric heating.



c - Inspection hole
d - DHW tank
e - Heating chamber
f - External lining
g - Cover
h - Thermal insulation
i - Control panel
j - Side hole
s - Probe tube for sensors
r - Electric heating element

GENERAL CHARACTERISTICS		GX6 DEC90	GX6 DEC130	GX6 DEC190	GX6 DEC260	GX6 DEC400	GX6 DEC600
Total capacity	l.	82	130	191	256	365	608
DHW capacity	l.	60	100	150	200	300	500
Primary HW capacity	l.	22	30	41	56	65	108
D: external diameter	mm.	480	480	620	620	620	770
H: overall height	mm.	750	1155	985	1240	1725	1730
kw: cold water inlet / drain	" GAS/M	3/4	3/4	3/4	3/4	1	1
ww: DHW outlet	" GAS/M	3/4	3/4	3/4	3/4	1	1
z: Recirculation	" GAS/M	3/4	3/4	3/4	3/4	1	1
kv: primary input	" GAS/F	1	1	1	1	1	1 1/2
kr: primary return	" GAS/F	1	1	1	1	1	1 1/2
Heat exchange surface	m^2	0,8	1,2	1,2	1,6	2,4	3
Control panel	model	K	K	K	K	K	K
Electric heating element (factory mounted)	kW	1,5	2,2	2,2	2,5	2,5	4,5
Empty weight (approx.)	Kg	37	53	67	80	109	153

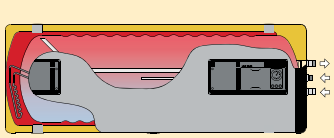
WALL INSTALLATION: Double wall "GEISER INOX" models up to 190 litres total capacity can be WALL-MOUNTED. The necessary anchors are supplied with the tanks (see installation and mounting instructions).

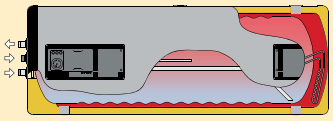
VERTICAL POSITION: All double wall "GEISER INOX" tanks are supplied ready to be installed in VERTICAL position, with the hydraulic connections of their inner (DHW) tank on the top flange.

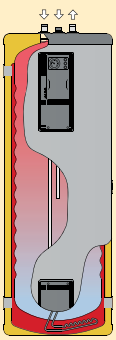
HORIZONTAL POSITION*: All double wall "GEISER INOX" tanks can be installed in HORIZONTAL position (except "DE), with a special plate for the hydraulic connections of the inner (DHW) tank mounted on factory upon request.
The specific type of horizontal installation must be chosen, either "HORIZONTAL LEFT" or "HORIZONTAL RIGHT", according to the position of the hydraulic connections of the inner (DHW) tank.

ELECTRIC HEATING IN HORIZONTAL INSTALLATION:
The electric heating elements for HORIZONTAL installation must be ordered specifically according to the tank orientation:
- *Electric heating element RC..I for horizontal left tank orientation.*
- *Electric heating element RC..D for horizontal right tank orientation.*

For VERTICAL installations, both types of electric heating elements are valid.


RIGHT-HAND HORIZONTAL INSTALLATION


LEFT-HAND HORIZONTAL INSTALLATION


VERTICAL INSTALLATION

*If the decision for installing a tank in horizontal position occurs after the reception of a standard model, a specific KIT of "plate with DHW hydraulic connections for horizontal installation" can be supplied, and installed in tank on site.

nothing but advantages!

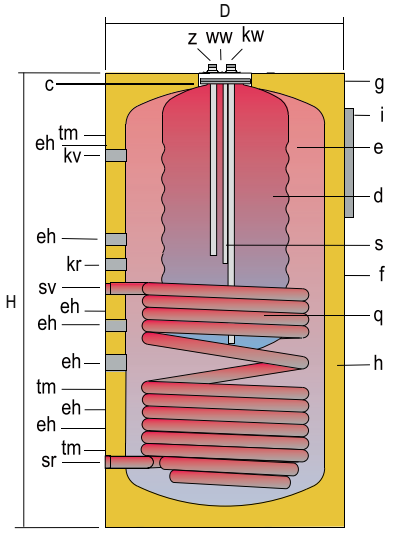
Models
DOUBLE WALL

- STAINLESS STEEL STORAGE TANK
- LARGE DHW PRODUCTION CAPACITY
- SELF-CLEANING EFFECT
- ANTI-LEGIONELLA DESIGN
- MAXIMUM STORAGE CAPACITY
- MAINTENANCE-FREE

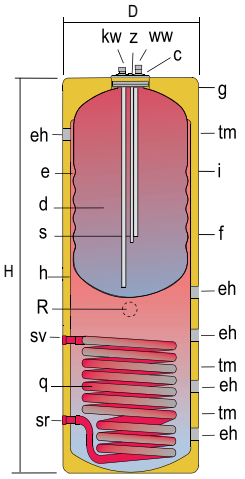
GEISER INOX "P"

"DOUBLE-WALL" tanks termed **"MULTIFUNCTIONAL"** are known as such since several different energy sources can be installed for one single tank. Just like in the previous systems, DHW production is carried out by heat exchange between the primary (external) circuit and the DHW (internal) tank via several external energy sources (boiler, solar panels, heat pump, electric heating element, etc.) simultaneously coupled to the tank.
These tanks have a large capacity primary circuit that acts as a thermal inertia buffer (for solid fuel or biomass boilers and/or heat pump), which houses a coil with a large heat exchange surface, specially designed for solar energy.
Tanks for VERTICAL installation on floor.
The P800 and P1000 models incorporate an insulation system, which allows pass through doors of 800 mm. wide.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT:
"S" panel with DHW thermometer. OPTIONAL: "K", "KP1", "BC" control panels (see REGULATION AND CONTROL chapter, page: 36)



GX6 P600...P1000



GX6 P300...P400

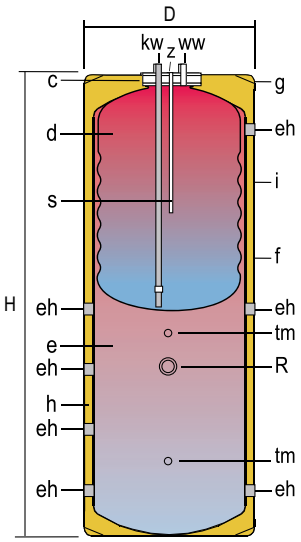
c - inspection hole
d - DHW tank
e - heating chamber
f - external lining
g - cover
h - thermal insulation
s - probe tube for sensors
q - Solar coil
tm- Probe tube connection for sensors

GENERAL CHARACTERISTICS		GX6 P300	GX6 P400	GX6 P600	GX6 P800	GX6 P1000
Total capacity	l.	244	341	605	770	970
DHW capacity	l.	116	147	215	200	250
Primary HW capacity	l.	128	194	390	570	720
D: external diameter	mm.	560	620	770	950	950
H: overall height	mm.	1770	1725	1730	1840	2250
kw: cold water inlet / drain	" GAS/M	3/4	3/4	3/4	3/4	3/4
ww: DHW outlet	" GAS/M	3/4	3/4	3/4	3/4	3/4
z: DHW recirculation	" GAS/M	3/4	3/4	3/4	3/4	3/4
kv: primary input	" GAS/F	-	-	1 1/4	1 1/4	1 1/4
kr: primary return	" GAS/F	-	-	1 1/4	1 1/4	1 1/4
sv: coil inlet	" GAS/F	1	1	1	1	1
sv: coil return	" GAS/F	1	1	1	1	1
eh: side connection	" GAS/F	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
R: electric element connection	" GAS/F	2	2	2	2	2
Heat exchange surface	m^2	1,7	1,8	2,4	2,7	2,7
Control panel	model	S	S	S	S	S
Empty weight (approx.)	Kg	88	127	185	245	290

GEISER INOX "PAC"

"DOUBLE WALL" tanks specifically designed for the application of **RENEWABLE ENERGIES** (installation with heat pump, solid fuel or biomass boilers).
These tanks have a large capacity primary circuit that acts as an inertia buffer, combining both functions **-inertia buffer and DHW tank-.**
Just like the previous systems, DHW production is carried out by heat exchange between the primary circuit (external) tank and the DHW (internal) tank.
Tanks for VERTICAL installation on floor.
Ready to incorporate an electric heating element.
The PAC800 and PAC1000 models incorporate an insulation system, which allows pass through doors of 800 mm. wide.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT:
"S" panel with DHW thermometer. Optional: "K", "KP1", "BC" control panels (see REGULATION AND CONTROL chapter, page: 36)



c - inspection hole
d - DHW tank
e - heating chamber
f - external lining
g - cover
h - thermal insulation
i - control panel
s - probe tube for sensors
tm- connection for sensors probe tube

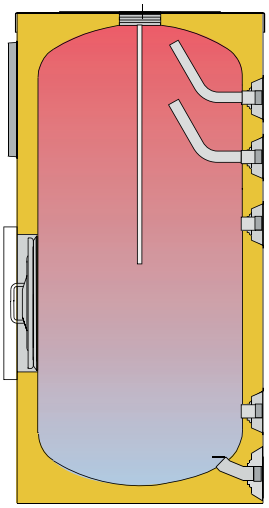
GENERAL CHARACTERISTICS		GX6 PAC300	GX6 PAC400	GX6 PAC600	GX6 PAC800	GX6 PAC1000
Total capacity	l.	244	341	605	770	970
DHW capacity	l.	116	147	277	200	250
Primary HW capacity	l.	128	194	328	570	720
D: external diameter	mm.	560	620	770	950	950
H: overall height	mm.	1770	1725	1730	1840	2250
kw: cold water inlet / drain	" GAS/M	3/4	3/4	3/4	3/4	3/4
ww: DHW outlet	" GAS/M	3/4	3/4	3/4	3/4	3/4
z: DHW recirculation	" GAS/M	3/4	3/4	3/4	3/4	3/4
eh: side connection	" GAS/F	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
R: electric element connection	" GAS/F	2	2	2	2	2
Control panel	model	S	S	S	S	S
Empty weight (approx.)	Kg	72	85	125	217	262

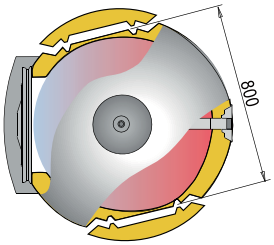
GEISER INOX - STAINLESS STEEL

STORAGE models, energy savings!

Designed to provide maximum energy storage capacity, with over-dimensioned rigid, mould-injected PU thermal insulation, these models maintain the DHW storage temperature for a long time without the need for any additional energy input, affording users continued savings throughout the storage tank's service life.

STORAGE TANKS: Designed to provide an extraordinary storage capacity that translates directly into real savings.
The overdimensioned, rigid, mould-injected PU thermal insulation maintains the DHW storage temperature over long periods of time without requiring additional energy input. This means less start-ups and adjustments of external energy sources, which in turn translates into less energy consumption.
Storage tanks without their own heat exchange system, designed for the installation of plate heat exchangers and/or electric immersion elements as the heating source.





Detail of pre-cut insulation on 800 and 1000 litre tanks allowing access through 800 mm wide doors.

LONG-LASTING PRODUCT: **Nickel-chromium-molybdenum STAINLESS STEEL** DHW storage tank, highly resistant to pitting caused by halogen elements such as chlorine in drinking water. This is the material used to manufacture all of the models in our "GEISER INOX" series.

EASY TO MAINTAIN: With access to tank interior through side and top holes, for inspection and cleaning. Models RB, with a ND400 manhole on the side of the tank.

EASY TO INSTALL: Their dimensions facilitate access to enclosed spaces (even the models with capacities greater than 800 litres), with a detachable system for the insulation on the two opposite sides of the tank, allowing access through 800 mm wide entrances.

ELECTRIC HEATING: Ready for installation with Incoloy, low charge density electric immersion elements or with ceramic heating elements (see ELECTRIC HEATING chapter, page: 34).

MAXIMUM STORAGE CAPACITY: Extra thick, rigid, PU mould-injected insulation that minimizes heat losses of stored DHW (see HEAT INSULATION chapter, page: 37).

Lapesa *storage tanks have minimal heat losses and are thus considered to be one of the products with the greatest storage capacity on the market.*

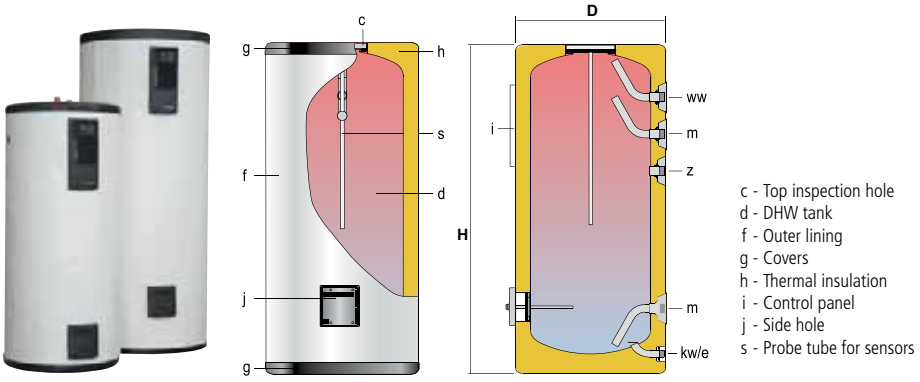
FEATURES COMMON TO ALL "GEISER INOX STORAGE" MODELS:

- DHW storage tanks in **AISI 316 L stainless steel**
- Capacities: **200, 300, 500, 800 and 1000 litres**
- Maximum working pressure of DHW storage tank: **8 bar** (10 bar optional)
- Maximum working temperature of DHW storage tank: **90 ºC**
- Thermal insulation: **Rigid, mould-injected PU** (CFC/HCFC-free, 0.025 W/mºK)
- Tanks for VERTICAL installation on floor.

GEISER INOX "R"

Tanks for **DHW STORAGE.** DHW production is by means of an external heat exchange system (plate heat exchanger).
They can be fitted with immersion electric elements or ceramic electric elements.
Tanks of more than 800 litre capacities include an insulation system that allows them to pass through 800 mm wide doors.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT: control panel "S" with thermometer.



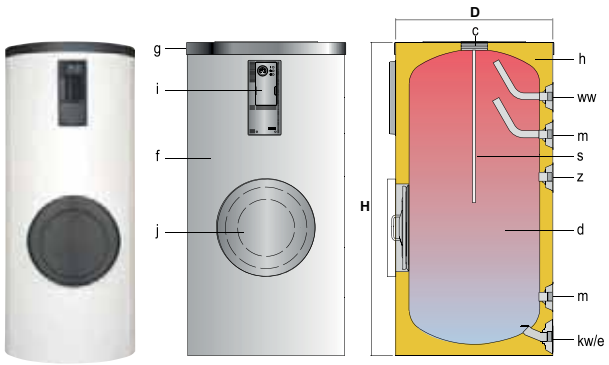
c - Top inspection hole
d - DHW tank
f - Outer lining
g - Covers
h - Thermal insulation
i - Control panel
j - Side hole
s - Probe tube for sensors

GENERAL CHARACTERISTICS		GX-200-R	GX-300-R	GX-500-R	GX-800-R	GX-1000-R
Total capacity	l.	200	300	500	800	1000
D: external diameter	mm.	620	620	770	950	950
H: overall height	mm.	1205	1685	1690	1840	2250
kw: cold water inlet / drain	" GAS/M	1	1	1	1 1/4"	1 1/4"
ww: DHW outlet	" GAS/M	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
z: recirculation	" GAS/M	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
m: plate exchanger connection	" GAS/M	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
Empty weight (approx.)	Kg	50	64	102	147	170

GEISER INOX "RB"

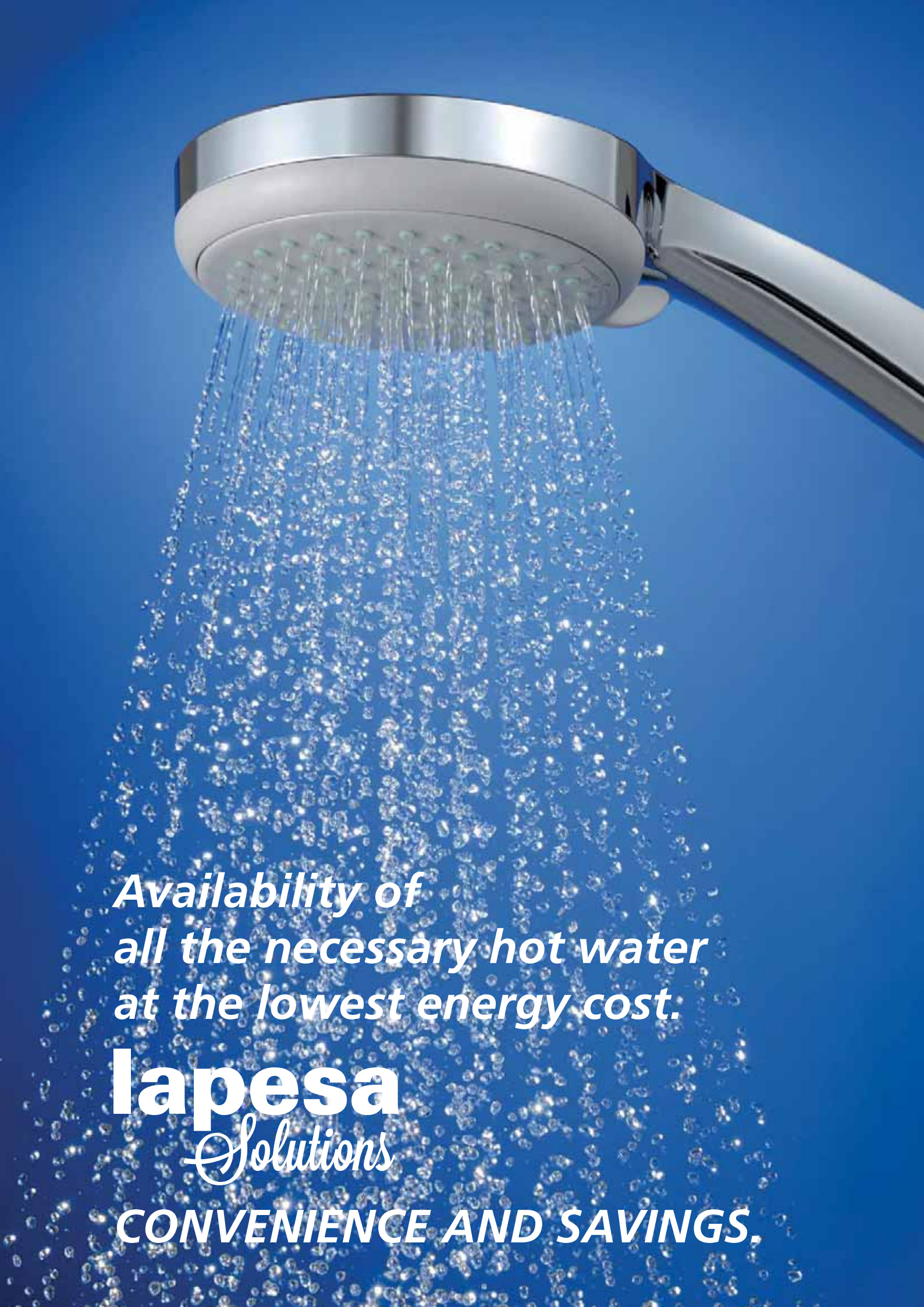
Tanks for **DHW STORAGE.** DHW production is by means of an external heat exchange system (plate heat exchanger).
The "RB" models include a ND 400 side manhole.
They can be fitted with immersion electric elements or ceramic electric elements.
The 800 and 1000 litre capacity tanks include an insulation system that allows them to pass through 800 mm wide doors.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT: control panel "S" with thermometer



c - Top inspection hole
d - DHW tank
f - Outer lining
g - Covers
h - Thermal insulation
i - Control panel
j - Side manhole ND400
s - Probe tube for sensors

GENERAL CHARACTERISTICS		GX-800-RB	GX-1000-RB
Total capacity	l.	800	1000
D: external diameter	mm.	950	950
H: overall height	mm.	1840	2250
kw: cold water inlet / drain	" GAS/M	1 1/4"	1 1/4"
ww: DHW outlet	" GAS/M	1 1/2"	1 1/2"
z: recirculation	" GAS/M	1 1/2"	1 1/2"
m: plate exchanger connection	" GAS/M	1 1/2"	1 1/2"
Side manhole	mm.	ND400	ND400
Empty weight (approx.)	Kg	178	201


Availability of
all the necessary hot water
at the lowest energy cost.
lapesa
Solutions
CONVENIENCE AND SAVINGS.

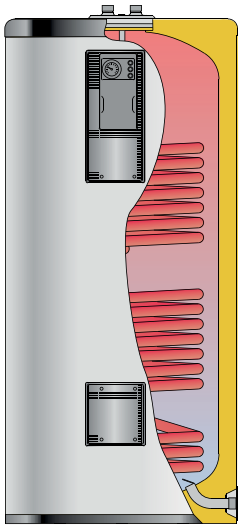
lapesa

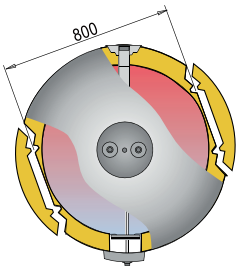
GEISER INOX - STAINLESS STEEL

Models with COIL, production and efficiency!

Tanks with high-efficiency, internal heat exchange coils for high DWH production demands at peak flow. Their overdimensioned, rigid, mould-injected PU thermal insulation maintains DHW storage temperature for long periods without the need for any additional energy input, providing users with continued savings throughout the life of the storage tank.

STORAGE TANKS WITH COIL:
Tanks with high-efficiency, internal heat exchange coils for high DWH production demands at peak flow.
Models with one or two coils for the production of DHW using one or two energy sources, with the option of adding backup electric heating elements.
Overdimensioned, rigid, mould-injected PU thermal insulation maintains the DHW storage temperature over long periods of time without requiring additional energy input. This means less start-ups and adjustments of external energy sources, which translates into energy savings.





Detail of pre-cut insulation on 800 and 1000 litre tanks to allow access through 800 mm wide doors.

LONG-LASTING PRODUCT: Nickel-chromium-molybdenum STAINLESS STEEL DHW storage tank, highly resistant to pitting caused by halogen elements such as chlorine in drinking water. This is the material used to manufacture all of the models in our "GEISER INOX" series.

ANTI-LEGIONELLA DESIGN: The shape of the heat exchange coil is ideal for heating the lowest zone of the storage tank, preventing cold zones and thus the proliferation of bacteria such as Legionella.

EASY TO MAINTAIN: With access to tank interior through side and top holes, for inspection and cleaning.
In models with capacities of more than 800 litres there is a ND400 manhole on the side of the tank.

EASY TO INSTALL: Their dimensions facilitate access to enclosed spaces (even models with capacities greater than 800 litres), with a detachable system for insulation on the two opposite sides of the tank, allowing access through 800 mm wide entrances.

ELECTRIC HEATING: Ready for installation with Incoloy, low charge density electric immersion elements or with ceramic heating elements (see ELECTRIC HEATING chapter, page: 34).

MAXIMUM STORAGE CAPACITY: Extra thick, rigid, PU mould-injected insulation that minimizes heat losses of stored DHW (see DHW PRODUCTION chapter, page: 28).

"Exchange capacity and heat efficiency", for installations with high demands of domestic hot water production, with the best response capacity.

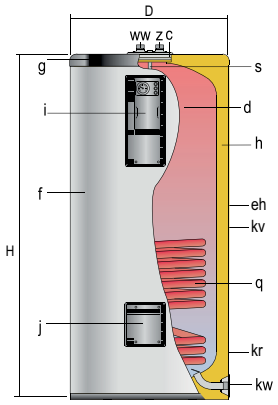
FEATURES COMMON TO ALL "GEISER INOX COIL" MODELS:

- DHW storage tanks in **AISI 316 L stainless steel**
- Capacities: **200, 300, 500, 800 and 1000 litres**
- Maximum working pressure of DHW storage tank: **8 bar** (10 bar optional)
- Maximum working pressure of coil/s: **25 bar**
- Maximum working temperature of DHW storage tank: **90 °C**
- Maximum working temperature of coil/s: **200 °C**
- Thermal insulation: **Rigid, mould-injected PU** (CFC/HCFC-free, 0.025 W/m°K)
- Tanks for VERTICAL installation on floor (except TSM models, only HORIZONTAL).

GEISER INOX "M1"

Storage tanks with **"ONE COIL"** for the production of DHW using an external energy source (boiler, solar panels, heat pump, etc.).
They can be fitted with immersion electric elements or ceramic electric elements (See ELECTRIC HEATING chapter, page: 34).
800 and 1000 l. tank models, include an insulation system that allows them to pass through 800 mm wide doors.
Tank models M1B include a ND400 side manhole.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT:
Side control panel with "ST" thermometer and control thermostat (except GX-150-M1).



c - Top inspection hole
d - DHW tank
f - Outer lining
g - Cover
h - Thermal insulation
i - Control panel
j - Side hole
q - Heating coil
s - Probe tube for sensors

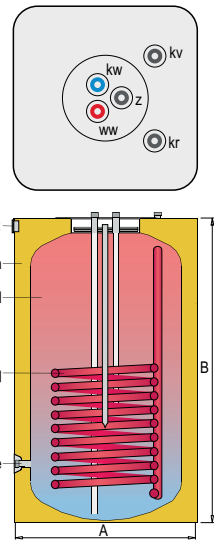
GENERAL CHARACTERISTICS		GX-150-M1	GX-200-M1	GX-300-M1	GX-500-M1	GX-800-M1	GX-1000-M1	GX-800-M1B	GX-1000-M1B
DHW capacity	l.	150	200	300	500	800	1000	800	1000
D: external diameter	mm.	560	620	620	770	950	950	950	950
H: overall height	mm.	1265	1205	1685	1690	1840	2250	1840	2250
kw: cold water inlet / drain	" GAS/M	1	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
ww: DHW outlet	" GAS/M	1	1	1	1	1 1/2	1 1/2	1 1/2	1 1/2
z: recirculation	" GAS/M	1	1	1	1	1 1/2	1 1/2	1 1/2	1 1/2
eh: side connection	" GAS/M	-	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
kv: primary input	" GAS/M	3/4	1	1	1	1	1	1	1
kr: primary return	" GAS/M	3/4	1	1	1	1	1	1	1
Heating coil surface	m^2	0,8	1,1	1,4	1,8	2,8	3,4	2,8	3,4
Empty weight (approx.)	Kg	44	60	85	117	164	189	195	220

NOTE: Models M1B, with side manhole ND400

GEISER INOX "TSC" NEW

Storage tank with **"ONE COIL"** for the production of DHW using an external energy source (boiler, solar panels, heat pump, etc.). All the connections are placed at the top of the tank
Finishing with external lining and top cover in white color RAL 9016

EQUIPMENT: Thermometer in top cover.



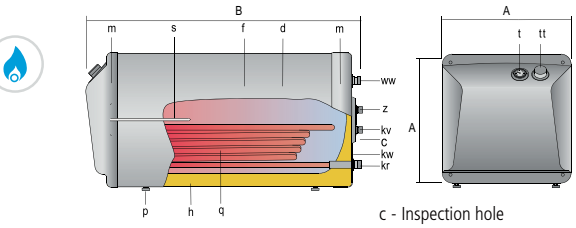
d - DHW tank
e - Drain
f - External lining
h - Thermal insulation
q - Heat exchange coil
t - Thermometer

GENERAL CHARACTERISTICS		GX-100-TSC	GX-150-TSC
DHW capacity	l.	102	148
D: external diameter	mm.	510	510
H: overall height	mm.	870	1210
kw: cold water inlet / drain	" GAS/M	3/4	3/4
ww: DHW outlet	" GAS/M	3/4	3/4
z: recirculation DHW	" GAS/M	3/4	3/4
kv: primary input	" GAS/M	3/4	3/4
kr: primary return	" GAS/M	3/4	3/4
e: drain	" GAS/F	1/2	1/2
Heating coil surface	m^2	0,7	1,3
Empty weight (approx.)	Kg	35	47

GEISER INOX "TSM"

Storage tanks with **"ONE COIL"** for the production of DHW using combined external energy sources (boiler, solar panels, heat pump, etc.).
Specifically designed for **HORIZONTAL INSTALLATION**, a boiler of up to 700 Kg can be installed on top.

EQUIPMENT: thermometer and DHW control thermostat on front cover.



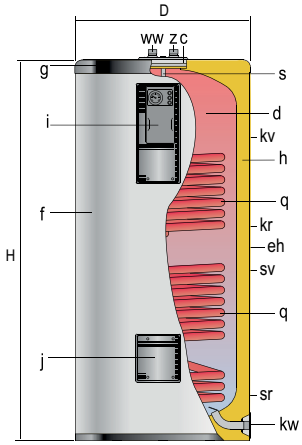
c - Inspection hole
d - DHW tank
f - Outer lining
m - Side covers
h - Thermal insulation
q - Heating coil
s - Probe tube for sensors
p - Leveling feet
t - Thermometer
tt - Thermostat

GENERAL CHARACTERISTICS		GX-150-TSM	GX-200-TSM
DHW capacity	l.	150	200
A: Height / width	mm.	630	630
B: Length	mm.	1000	1255
kw: cold water inlet / drain	" GAS/M	3/4	3/4
ww: DHW outlet	" GAS/M	3/4	3/4
z: recirculation	" GAS/M	3/4	3/4
kv: primary input	" GAS/M	3/4	3/4
kr: primary return	" GAS/M	3/4	3/4
Heating coil surface	m^2	0,7	0,9
Empty weight (approx.)	Kg	51	70

GEISER INOX "M2"

Storage tanks with **"TWO COILS"** for the production of DHW using combined external energy sources (boiler, solar panels, heat pump, etc.).
They can be fitted with immersion electric elements or ceramic electric elements (See ELECTRIC HEATING chapter, page: 34).
800 and 1000 l. tank models, include an insulation system that allows them to pass through 800 mm wide doors.
Tank models M2B include a ND400 side manhole.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT:
Side control panel with "ST" thermometer and control thermostat.



c - Top inspection hole
d - DHW tank
f - Outer lining
g - Cover
h - Thermal insulation
i - Control panel
j - Side hole
q - Heating coil
s - Probe tube for sensors

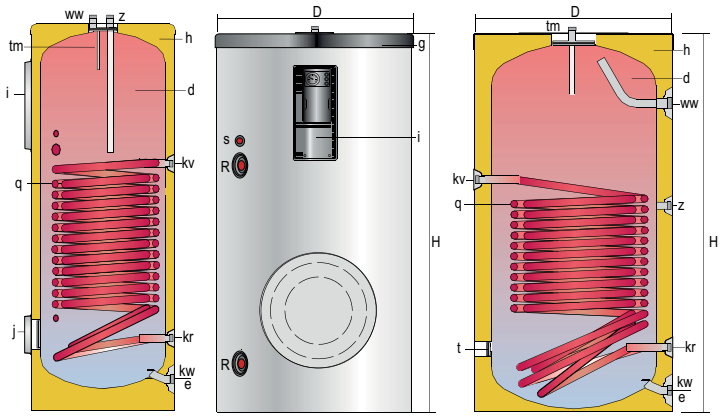
GENERAL CHARACTERISTICS		GX-300-M2	GX-400-M2	GX-500-M2	GX-800-M2	GX-1000-M2	GX-800-M2B	GX-1000-M2B
DHW capacity	l.	300	400	500	800	1000	800	1000
D: external diameter	mm.	620	770	770	950	950	950	950
H: overall height	mm.	1685	1525	1690	1840	2250	1840	2250
kw: cold water inlet / drain	" GAS/M	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
ww: DHW outlet	" GAS/M	1	1	1	1 1/2	1 1/2	1 1/2	1 1/2
z: recirculation	" GAS/M	1	1	1	1 1/2	1 1/2	1 1/2	1 1/2
eh: side connection	" GAS/M	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
kv, kr: upper coil connections	" GAS/M	1	1	1	1	1	1	1
sv, sr: lower coil connections	" GAS/M	1	1	1	1	1	1	1
Upper coil heating surface	m^2	1,1	0,9	1,2	1,3	1,3	1,3	1,3
Lower coil heating surface	m^2	1,4	1,8	1,8	2,8	3,4	2,8	3,4
Empty weight (approx.)	Kg	93	120	126	175	200	206	231

NOTE: M2B models, with side manhole ND400

GEISER INOX "HL"

Storage tanks with **HIGH PERFORMANCE COIL**, with high thermal exchange surface, for the production of DHW using combined external energy sources (boiler, solar panels,
heat pump, etc.).
They can be fitted with immersion electric elements (See ELECTRIC HEATING chapter, page: 34).
Tank models of 800 L or higher, include a ND400 side manhole and an insulation system that allows them to pass through 800 mm wide doors.
Finish: RAL 9016 white external lining and RAL 7021 grey cover.

EQUIPMENT:
Models "HLB" with side manhole ND400.
Side control panel with thermometer.



c - Top inspection hole
d - DHW tank
f - Outer lining
g - Cover
h - Thermal insulation
i - Control panel
j - Side hole
q - Heating coil
s - Probe tube for sensors

GENERAL CHARACTERISTICS		GX-200-HL	GX-300-HL	GX-500-HL	GX-800-HLB	GX-1000-HLB
DHW capacity	l.	200	300	500	800	1000
D: external diameter	mm.	620	620	770	950	950
H: overall height	mm.	1205	1685	1690	1840	2250
kw: cold water inlet / drain	" GAS/M	1	1	1	1 1/4	1 1/4
ww: DHW outlet	" GAS/M	1	1	1	1 1/2	1 1/2
z: recirculation	" GAS/M	1	1	1	1 1/2	1 1/2
eh: side connection	" GAS/M	2	2	2	2	2
kv: primary input	" GAS/M	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
kr: primary return	" GAS/M	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Heating coil surface	m^2	2,4	3,1	4,8	5,7	6,4
Empty weight (approx.)	Kg	63	83	120	221	258

NOTE: HLB models, with side manhole ND400

lapesa

LONG-LASTING PRODUCT:
Nickel-chromium-molybdenum STAINLESS STEEL DHW storage tank, highly resistant to pitting caused by halogen elements such as chlorine in drinking water. This is the material used to manufacture all of the models in our "GEISER INOX" series.

HYGIENIC MATERIAL:
Easy to clean, allows the use of strong washing and disinfecting methods (e.g. anti-legionella treatment). In DHW tanks made of stainless steel there is no accumulation of residues from sacrificial anodes because the tanks do not require cathodic protection in normal working conditions.

FOOD GRADE:
Stainless steel is a non-toxic material that is commonly used in the food industry. In hygiene tests it is on a par with glass and porcelain and is thus considered ideal for use in the manufacture of tanks intended for the production and storage of domestic hot water.

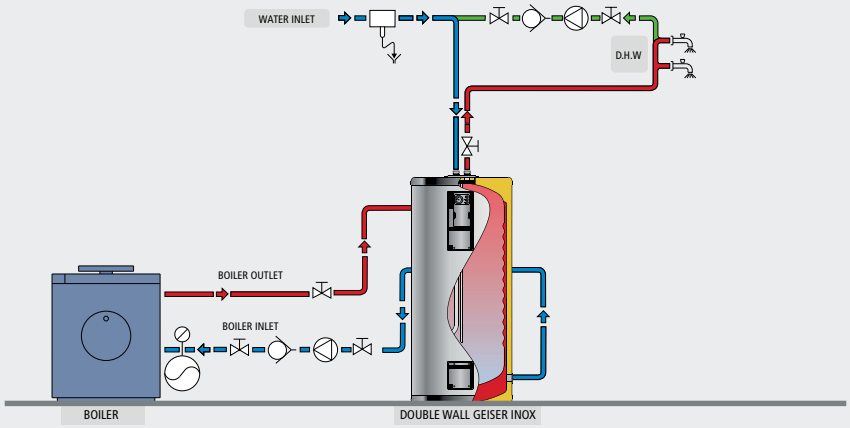
ANTI LEGIONELLA DESIGN:
The surround heating of DHW produces a uniform water storage temperature throughout the whole of the tank, avoiding cold zones and allowing to use the full capacity of the tank. In models equipped with heat exchange coil, the stored water is heated from the lowest zone of the tank, therefore hot water can be stored in the complete tank volume.

EFFECTIVE SAVING:
Rigid, mould-injected PU thermal insulation maintains the DHW storage temperature over long periods of time, therefore reducing heat losses. Tanks adapted to requirements of ErP Directive.

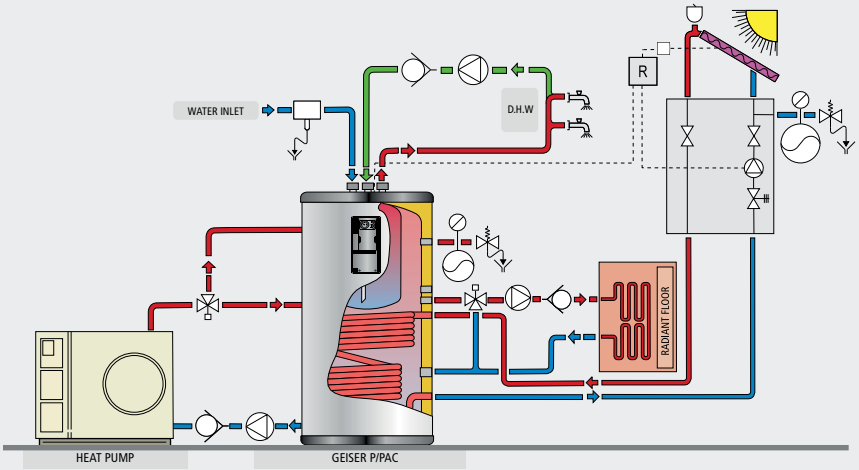
LEGEND

- Sanitary safety group
- Non-return valve
- Circulator
- Deareator
- Drain
- Three-way valve
- Expansion vessel
- Safety valve

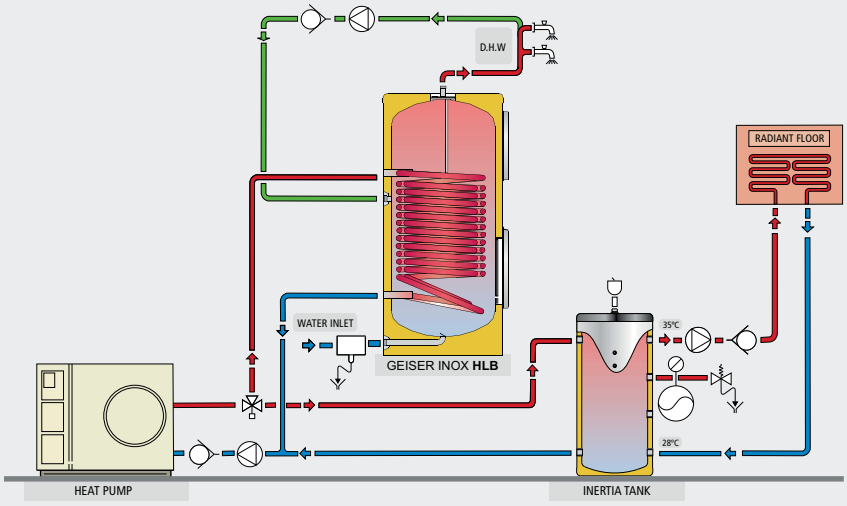
EXAMPLES OF INSTALLATION "GEISER INOX"



EXAMPLE OF INSTALLATION: DOUBLE WALL GEISER INOX



EXAMPLE OF INSTALLATION: GEISER INOX P/PAC



EXAMPLE OF INSTALLATION: GEISER INOX HL/HLB

DHW PRODUCTION - GEISER INOX

	PRIMARY INPUT TEMPERATURE °C		55 °C		70 °C		80 °C		90 °C	
	tank model	primary pump flow (m^3/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
GEISER INOX - **DOUBLE WALL** [Continuous flow DHW production (liters/hour) **10°C - 45°C**]	**GX6 S/D/DEC 90**	**2**	5	**123**	11	**271**	14	**344**	18	**443**
		3	6	**148**	12	**295**	15	**369**	20	**492**
		5	7	**172**	13	**320**	17	**418**	22	**541**
	GX6 S/D/DEC 130	**2**	9	**221**	19	**468**	25	**615**	32	**787**
		3	10	**246**	20	**492**	27	**664**	34	**837**
		5	11	**271**	22	**541**	30	**738**	37	**910**
	GX6 S/D/DEC 190	**2**	8	**197**	18	**443**	25	**615**	32	**787**
		3	9	**221**	20	**492**	27	**664**	35	**861**
		5	11	**271**	22	**541**	30	**738**	39	**960**
	GX6 S/D/DEC 260	**2**	11	**271**	25	**615**	33	**812**	44	**1083**
		3	12	**295**	27	**664**	36	**886**	48	**1181**
		5	13	**320**	29	**714**	41	**1009**	53	**1304**
	GX6 S/D/DEC 400	**2**	17	**418**	33	**812**	45	**1107**	55	**1353**
		4	19	**468**	38	**935**	53	**1304**	66	**1624**
		6	20	**492**	41	**1009**	57	**1403**	72	**1772**
	GX6 S/D/DEC 600	**2**	20	**492**	39	**960**	52	**1280**	66	**1624**
		4	22	**541**	45	**1107**	60	**1476**	78	**1919**
		6	24	**591**	48	**1181**	65	**1599**	85	**2092**
	GX6 TS180	**2**	9	**221**	17	**418**	23	**566**	29	**714**
		3	10	**246**	18	**443**	25	**615**	32	**787**
		5	11	**271**	19	**468**	27	**664**	35	**861**
	GX6 TS240	**2**	10	**246**	21	**517**	28	**689**	36	**886**
		3	11	**271**	22	**541**	31	**763**	39	**960**
		5	13	**320**	24	**591**	34	**837**	42	**1033**
GEISER INOX - **COIL** [Continuous flow DHW production (liters/hour) **10°C - 45°C**]	**GX-150-M1**	**2**	11	**271**	21	**517**	28	**689**	34	**837**
		3	12	**295**	23	**566**	31	**763**	38	**935**
		5	13	**320**	26	**640**	35	**861**	43	**1058**
	GX-200-M1	**2**	15	**369**	28	**689**	37	**910**	47	**1157**
		3	16	**394**	32	**787**	43	**1058**	53	**1304**
		5	18	**443**	36	**886**	49	**1206**	61	**1501**
	GX-300-M1/M2* *lower coil	**2**	15	**369**	33	**812**	45	**1107**	56	**1378**
		4	18	**443**	42	**1033**	56	**1378**	69	**1698**
		6	19	**468**	47	**1157**	62	**1526**	77	**1895**
	GX-500-M1/M2* * lower coil	**2**	20	**492**	40	**984**	53	**1304**	66	**1624**
		4	23	**566**	51	**1255**	67	**1649**	83	**2042**
		6	25	**615**	58	**1427**	76	**1870**	93	**2288**
	GX-800-M1/M2* * lower coil	**3**	33	**812**	62	**1526**	79	**1944**	98	**2411**
		5	39	**960**	72	**1772**	94	**2313**	116	**2854**
		8	44	**1083**	82	**2018**	108	**2658**	132	**3248**
	GX-1000-M1/M2* * lower coil	**3**	40	**984**	77	**1895**	101	**2485**	127	**3125**
		5	47	**1157**	94	**2313**	124	**3051**	155	**3814**
		8	54	**1329**	110	**2707**	145	**3568**	181	**4454**
	GX-300-M2** ** upper coil	**2**	15	**369**	27	**664**	36	**886**	45	**1107**
		4	17	**418**	33	**812**	44	**1083**	55	**1353**
		6	18	**443**	37	**910**	49	**1206**	61	**1501**
	GX-500-M2** ** upper coil	**2**	15	**369**	31	**763**	41	**1009**	50	**1230**
		4	18	**443**	38	**935**	50	**1230**	61	**1501**
		6	20	**492**	42	**1033**	56	**1378**	68	**1673**
	GX-800-M2** ** upper coil	**2**	15	**369**	31	**763**	41	**1009**	50	**1230**
		4	18	**443**	38	**935**	50	**1230**	61	**1501**
		6	20	**492**	42	**1033**	56	**1378**	68	**1673**
	GX-1000-M2** ** upper coil	**2**	15	**369**	31	**763**	41	**1009**	50	**1230**
		4	18	**443**	38	**935**	50	**1230**	61	**1501**
		6	20	**492**	42	**1033**	56	**1378**	68	**1673**
	GX-150-TSM	**2**	9	**221**	19	**468**	25	**615**	32	**787**
		4	10	**246**	22	**541**	30	**738**	37	**910**
		6	11	**271**	24	**591**	32	**787**	41	**1009**
	GX-200-TSM	**2**	11	**271**	24	**591**	31	**763**	39	**960**
		4	14	**344**	30	**738**	38	**935**	47	**1157**
		6	15	**369**	33	**812**	42	**1033**	52	**1280**

NOTE: for further information, consult our technical product catalog.

GEISER INOX - **DOUBLE WALL**
[Continuous flow DHW production (liters/hour) **10°C - 60°C**]

PRIMARY INPUT TEMPERATURE °C			70 °C		80 °C		90 °C	
tank model	primary pump flow (m^3/h)		KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
GX6 S/D/DEC 90	2		7	121	11	189	16	276
	3		8	138	12	207	17	293
	5		9	155	13	224	18	310
GX6 S/D/DEC 130	2		13	224	20	344	27	465
	3		14	241	21	362	29	500
	5		16	276	23	396	32	551
GX6 S/D/DEC 190	2		13	224	20	344	27	465
	3		15	258	22	379	29	500
	5		16	276	24	413	32	551
GX6 S/D/DEC 260	2		18	310	27	465	35	603
	3		20	344	29	500	39	672
	5		22	379	32	551	43	741
GX6 S/D/DEC 400	2		23	396	36	620	47	810
	4		27	465	42	723	55	947
	6		29	500	46	792	60	1033
GX6 S/D/DEC 600	2		27	465	42	723	57	982
	4		32	551	48	827	66	1137
	6		34	586	52	896	72	1240
GX6 TS180	2		12	207	18	310	25	431
	3		13	224	20	344	27	465
	5		14	241	21	362	29	500
GX6 TS240	2		15	258	23	396	31	534
	3		16	276	25	431	33	568
	5		17	293	27	465	35	603

GEISER INOX - **COIL**
[Continuous flow DHW production (liters/hour) **10°C - 60°C**]

GX-150-M1	2		15	258	23	396	29	500
	3		17	293	25	431	32	551
	5		18	310	28	482	36	620
GX-200-M1	2		21	362	31	534	40	689
	3		24	413	35	603	45	775
	5		28	482	40	689	52	896
GX-300-M1/M2* *lower coil	2		24	413	36	620	47	810
	4		30	517	44	758	58	999
	6		33	568	49	844	65	1120
GX-500-M1/M2* * lower coil	2		30	517	44	758	57	982
	4		37	637	55	947	70	1206
	6		40	689	61	1051	78	1344
GX-800-M1/M2* * lower coil	3		44	758	63	1085	83	1430
	5		51	878	74	1275	98	1688
	8		58	999	83	1430	112	1929
GX-1000-M1/M2* * lower coil	3		57	982	83	1430	109	1878
	5		68	1171	99	1705	132	2274
	8		78	1344	115	1981	153	2635
GX-300-M2** ** upper coil	2		18	310	30	517	38	655
	4		22	379	36	620	46	792
	6		24	413	40	689	51	878
GX-500-M2** ** upper coil	2		21	362	34	586	44	758
	4		26	448	41	706	53	913
	6		29	500	45	775	59	1016
GX-800-M2** ** supper coil	2		21	362	34	586	44	758
	4		26	448	41	706	53	913
	6		29	500	45	775	59	1016
GX-1000-M2** ** upper coil	2		21	362	34	586	44	758
	4		26	448	41	706	53	913
	6		29	500	45	775	59	1016
GX-150-TSM	2		13	224	20	344	27	465
	4		16	276	24	413	32	551
	6		17	293	26	448	34	586
GX-200-TSM	2		17	293	25	431	33	568
	4		21	362	30	517	40	689
	6		24	413	34	586	44	758

DHW PRODUCTION - GEISER INOX

	PRIMARY INPUT TEMPERATURE °C		55 °C		70 °C		80 °C		90 °C	
	tank model	primary pump flow (m^3/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
GEISER INOX - **DOUBLE WALL** [Continuous flow DHW production (liters/hour) **10°C - 45°C**]	**GX6 DE 140**	**2**	8	**205**	18	**450**	24	**625**	32	**790**
		4	10	**250**	21	**500**	28	**700**	36	**880**
		6	12	**300**	23	**555**	31	**750**	39	**950**
	GX6 DE 180	**2**	9	**210**	19	**460**	25	**630**	33	**795**
		4	11	**255**	21	**510**	29	**710**	36	**890**
		6	13	**305**	23	**560**	31	**750**	40	**960**
	GX6 DE 215	**2**	11	**300**	26	**620**	34	**820**	45	**1105**
		4	13	**320**	30	**720**	41	**995**	53	**1300**
		6	15	**350**	32	**795**	44	**1090**	56	**1390**
	GX6 DE 260	**3**	16	**400**	31	**790**	44	**1070**	54	**1305**
		5	18	**420**	35	**870**	49	**1180**	59	**1405**
		8	19	**440**	38	**925**	51	**1270**	65	**1600**
	GX6 DE 400	**3**	19	**450**	36	**900**	50	**1210**	61	**1510**
		5	20	**495**	41	**1010**	55	**1350**	66	**1670**
		8	21	**510**	44	**1050**	60	**1505**	75	**1860**
	GX6 DE 600	**3**	21	**550**	41	**1005**	56	**1370**	71	**1800**
		5	22	**580**	45	**1120**	61	**1510**	81	**2000**
		8	24	**600**	50	**1210**	68	**1660**	90	**2200**
	GX6 DE 1000	**2**	25	**625**	45	**1100**	65	**1600**	95	**2330**
		4	37	**900**	58	**1400**	85	**2075**	118	**2900**
		6	40	**1000**	65	**1600**	93	**2300**	132	**3250**
	GX6 PAC/P 300	**2**	8	**200**	16	**400**	24	**600**	30	**740**
		4	10	**245**	19	**455**	26	**650**	35	**860**
		6	11	**265**	21	**500**	30	**725**	37	**915**
	GX6 PAC/P 400	**2**	8	**200**	17	**425**	25	**610**	33	**805**
		4	10	**245**	20	**485**	27	**690**	35	**860**
		6	11	**265**	22	**545**	32	**775**	40	**980**
	GX6 PAC/P 600	**2**	9	**240**	22	**545**	29	**735**	40	**985**
		4	11	**275**	26	**645**	34	**850**	46	**1150**
		6	13	**320**	28	**700**	36	**915**	49	**1210**
GGEISER INOX - **COIL** [Continuous flow DHW production (l/h) **10°C - 45°C**]	**GX-200-HL**	**2**	25	**614**	47	**1145**	61	**1511**	78	**1909**
		4	32	**776**	60	**1484**	81	**1987**	100	**2473**
		6	35	**872**	69	**1688**	92	**2272**	114	**2810**
	GX-300-HL	**2**	30	**749**	58	**1432**	75	**1850**	95	**2348**
		4	40	**986**	76	**1861**	98	**2416**	126	**3095**
		6	46	**1127**	86	**2118**	112	**2755**	144	**3543**
	GX-500-HL	**2**	39	**969**	73	**1786**	94	**2317**	115	**2829**
		4	53	**1314**	93	**2293**	124	**3040**	154	**3795**
		6	62	**1519**	105	**2595**	141	**3470**	178	**4371**
	GX-800-HLB	**3**	56	**1383**	101	**2479**	125	**3080**	152	**3728**
		5	67	**1660**	125	**3076**	154	**3791**	182	**4478**
		8	78	**1919**	148	**3635**	181	**4457**	211	**5181**
	GX-1000-HLB	**3**	58	**1428**	106	**2603**	131	**3212**	158	**3891**
		5	69	**1704**	129	**3187**	159	**3924**	192	**4722**
		8	80	**1961**	152	**3732**	187	**4590**	224	**5501**

NOTE: for further information, consult our technical product catalog.

PRIMARY INPUT TEMPERATURE °C			70 °C		80 °C		90 °C	
	tank model	primary pump flow (m^3/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
GEISER INOX - **DOUBLE WALL** [Continuous flow DHW production (liters/hour) **10°C - 60°C**]	**GX6 DE 140**	**2**	12	**205**	20	**345**	26	**455**
		4	15	**255**	22	**375**	31	**525**
		6	16	**275**	24	**405**	32	**555**
	GX6 DE 180	**2**	13	**225**	21	**355**	26	**460**
		4	16	**260**	22	**390**	31	**530**
		6	17	**275**	24	**415**	33	**555**
	GX6 DE 215	**2**	19	**315**	30	**520**	37	**645**
		4	22	**385**	34	**585**	44	**755**
		6	24	**410**	36	**605**	47	**810**
	GX6 DE 260	**3**	22	**345**	34	**600**	45	**760**
		5	25	**430**	37	**650**	50	**855**
		8	26	**455**	40	**700**	55	**950**
	GX6 DE 400	**3**	25	**440**	40	**695**	51	**890**
		5	28	**490**	44	**750**	57	**1000**
		8	30	**505**	47	**805**	61	**1055**
	GX6 DE 600	**3**	29	**500**	45	**780**	61	**1070**
		5	32	**550**	50	**860**	70	**1200**
		8	35	**600**	55	**910**	76	**1300**
	GX6 DE 1000	**2**	32	**580**	55	**950**	82	**1400**
		4	41	**700**	68	**1180**	105	**1740**
		6	46	**800**	75	**1300**	112	**1910**
	GX6 PAC/P 300	**2**	11	**200**	18	**310**	25	**425**
		4	14	**225**	21	**360**	30	**515**
		6	15	**250**	23	**385**	32	**550**
	GX6 PAC/P 400	**2**	13	**230**	21	**360**	26	**460**
		4	15	**255**	24	**395**	31	**525**
		6	18	**305**	25	**425**	34	**560**
	GX6 PAC/P 600	**2**	14	**250**	24	**400**	31	**530**
		4	18	**310**	28	**480**	37	**635**
		6	19	**320**	30	**520**	40	**690**
GGEISER INOX - **COIL** [Continuous flow DHW production (l/h) **10°C - 60°C**]	**GX-200-HL**	**2**	34	**585**	50	**864**	67	**1155**
		4	43	**745**	81	**65**	86	**1478**
		6	49	**842**	74	**1279**	97	**1671**
	GX-300-HL	**2**	43	**747**	62	**1072**	83	**1434**
		4	55	**945**	80	**1377**	108	**1858**
		6	62	**1065**	90	**1556**	123	**2114**
	GX-500-HL	**2**	55	**946**	80	**1373**	101	**1748**
		4	68	**1175**	101	**1747**	133	**2296**
		6	76	**1312**	114	**1972**	152	**2625**
	GX-800-HLB	**3**	76	**1303**	105	**1801**	133	**2292**
		5	92	**1586**	126	**2175**	157	**2707**
		8	107	**1844**	147	**2532**	180	**3100**
	GX-1000-HLB	**3**	80	**1385**	109	**1882**	139	**2392**
		5	95	**1644**	131	**2260**	166	**2855**
		8	110	**1896**	151	**2609**	191	**3297**

GEISER INOX - models **DOUBLE WALL** - **S/D/DE/DEC/P/PAC** - (DHW production - **peak flow -**)

		GX6 S/D/DEC 90	GX6 S/D/DEC 130	GX6 S/D/DEC 190	GX6 S/D/DEC 260	GX6 S/D/DEC 400	GX6 S/D/DEC 600
Peak flow 40ºC	L/10'	120	203	315	380	575	900
Peak flow 45ºC	L/10'	102	175	270	325	490	770
Peak flow 60ºC	L/10'	72	122	190	225	344	539
Peak flow 40ºC	L/60'	590	1000	1132	1545	2135	2755
Peak flow 45ºC	L/60'	495	840	954	1290	1790	2310
Peak flow 60ºC	L/60'	295	515	590	755	1075	1400
Continuous flow 40ºC	Ltrs/h	565	960	980	1400	1875	2225
Continuous flow 45ºC	Ltrs/h	470	800	820	1160	1560	1850
Continuous flow 60ºC	Ltrs/h	265	470	480	635	875	1040
Heating time (from 10 to 75ºC)	Min	28	31	45	47	50	56
Primary flow	m^3/h	5	5	5	6	6	6

Primary input temperature 85ºC

		GX6 DE140	GX6 DE180	GX6 DE215	GX6 DE260	GX6 DE400	GX6 DE600
Peak flow 40ºC	L/10'	203	315	475	530	575	900
Peak flow 45ºC	L/10'	175	270	415	440	490	770
Peak flow 60ºC	L/10'	122	190	250	265	344	539
Peak flow 40ºC	L/60'	935	1190	1675	1875	2175	2790
Peak flow 45ºC	L/60'	785	1000	1415	1565	1820	2345
Peak flow 60ºC	L/60'	465	605	795	925	1100	1435
Continuous flow 40ºC	Ltrs/h	880	1050	1440	1620	1920	2270
Continuous flow 45ºC	Ltrs/h	735	880	1200	1350	1600	1890
Continuous flow 60ºC	Ltrs/h	415	500	653	790	905	1075
Heating time (from 10 to 75ºC)	Min	31	41	37	37	50	56
Primary flow	m^3/h	2,6	3,5	4,2	5,5	6,4	7,2

Primary input temperature 85ºC

		GX6 P300	GX6 P400	GX6 P600	GX6 P800	GX6 P1000	
Peak flow 40ºC	L/10'	251	320	465	433	540	
Peak flow 45ºC	L/10'	215	275	400	370	465	
Peak flow 60ºC	L/10'	150	190	280	260	325	
Peak flow 40ºC	L/60'	965	1080	1360	1495	1875	
Peak flow 45ºC	L/60'	815	910	1150	1250	1570	
Peak flow 60ºC	L/60'	500	555	710	785	970	
Continuous flow 40ºC	Ltrs/h	860	915	1075	1275	1600	
Continuous flow 45ºC	Ltrs/h	720	760	900	1060	1325	
Continuous flow 60ºC	Ltrs/h	420	440	520	630	775	
Heating time (from 10 to 75ºC)	Min	40	48	55	47	48	
Primary flow	m^3/h	3	3	3	5	5	

Primary input temperature 85ºC

		GX6 PAC300	GX6 PAC400	GX6 PAC600	GX6 PAC800	GX6 PAC1000	
Peak flow 40ºC	L/10'	250	315	600	433	540	
Peak flow 45ºC	L/10'	215	270	515	370	465	
Peak flow 60ºC	L/10'	150	190	360	260	325	
Peak flow 40ºC	L/60'	1050	1165	1650	1495	1875	
Peak flow 45ºC	L/60'	880	975	1390	1250	1570	
Peak flow 60ºC	L/60'	525	585	870	785	970	
Continuous flow 40ºC	Ltrs/h	960	1020	1260	1275	1600	
Continuous flow 45ºC	Ltrs/h	800	850	1050	1060	1325	
Continuous flow 60ºC	Ltrs/h	450	475	610	630	775	
Heating time (from 10 to 75ºC)	Min	40	48	54	47	48	
Primary flow	m^3/h	5	5	5	5	5	

Primary input temperature 85ºC

GEISER INOX, DHW production **- peak flow -**		**DOUBLE WALL TS** models		**COIL TSM** models	
		GX6 TS180	**GX6 TS240**	**GX-150-TSM**	**GX-200-TSM**
Peak flow 40ºC	L/10'	238	303	320	410
Peak flow 45ºC	L/10'	204	260	275	350
Peak flow 60ºC	L/10'	143	182	195	245
Peak flow 40ºC	L/60'	994	1238	1185	1510
Peak flow 45ºC	L/60'	834	1039	995	1270
Peak flow 60ºC	L/60'	505	629	610	775
Continuous flow 40ºC	Ltrs/h	908	1122	1040	1325
Continuous flow 45ºC	Ltrs/h	757	935	865	1105
Continuous flow 60ºC	Ltrs/h	435	537	500	635
Heating time (from 10 to 75ºC)	Min	44	46	37	42
Primary flow	m³/h	5	6	5	6

Primary input temperature 85ºC

GEISER INOX - models with **COIL** - **M1/M2/HL** - (DHW production - **peak flow** -)

		GX-150 M1	**GX-200 M1**	**GX-300 M1**	**GX-400 M1**	**GX-500 M1**	**GX-800 M1**	**GX-1000 M1**	**GX-800 M1B**	**GX-1000 M1B**
Peak flow 40ºC	L/10'	315	425	600	823	1007	1690	1995	1692	1995
Peak flow 45ºC	L/10'	270	364	515	705	863	1450	1710	1450	1710
Peak flow 60ºC	L/10'	190	255	360	494	604	1015	1195	1015	1197
Peak flow 40ºC	L/60'	1265	1840	2310	2865	3050	4610	5950	4610	5950
Peak flow 45ºC	L/60'	1060	1530	1910	2410	2570	3860	5000	3860	5000
Peak flow 60ºC	L/60'	645	930	1170	1475	1580	2370	3110	2370	3110
Continuous flow 40ºC	Ltrs/h	1140	1700	2050	2450	2450	3500	4750	3500	4750
Continuous flow 45ºC	Ltrs/h	950	1400	1675	2050	2050	2900	3950	2900	3950
Continuous flow 60ºC	Ltrs/h	550	810	975	1175	1175	1625	2300	1625	2300
Heating time (from 10 to 75ºC)	Min	35	37	45	40	50	52	58	52	58
Primary flow	m³/h	5	6	6	6	6	8	8	8	8

Primary input temperature 85ºC

LOWER COIL		**GX-300 M2**	**GX-400 M2**	**GX-500 M2**	**GX-800 M2**	**GX-1000 M2**	**GX-800 M2B**	**GX-1000 M2B**
Peak flow 40ºC	L/10'	600	823	1007	1692	1995	1692	1995
Peak flow 45ºC	L/10'	515	705	863	1450	1710	1450	1710
Peak flow 60ºC	L/10'	360	494	604	1015	1197	1015	1197
Peak flow 40ºC	L/60'	2310	2865	3050	4610	5950	4610	5950
Peak flow 45ºC	L/60'	1910	2410	2570	3860	5000	3860	5000
Peak flow 60ºC	L/60'	1170	1475	1580	2370	3110	2370	3110
Continuous flow 40ºC	Ltrs/h	2050	2450	2450	3500	4750	3500	4750
Continuous flow 45ºC	Ltrs/h	1675	2050	2050	2900	3950	2900	3950
Continuous flow 60ºC	Ltrs/h	975	1175	1175	1625	2300	1625	2300
Heating time (from 10 to 75ºC)	Min	45	40	50	52	58	52	58
Primary flow	m³/h	6	6	6	8	8	8	8

Primary input temperature 85ºC

		GX-200 HL	**GX-300 HL**	**GX-500 HL**	**GX-800 HLB**	**GX-1000 HLB**
Peak flow 40ºC	L/10'	580	800	1200	1770	2115
Peak flow 45ºC	L/10'	490	675	1015	1505	1800
Peak flow 60ºC	L/10'	320	455	690	1035	1245
Peak flow 40ºC	L/60'	3285	4135	5310	6780	7315
Peak flow 45ºC	L/60'	2695	3395	4375	5590	6040
Peak flow 60ºC	L/60'	1625	2079	2690	3455	3760
Continuous flow 40ºC	Ltrs/h	3115	3850	4790	5890	6170
Continuous flow 45ºC	Ltrs/h	2540	3150	3920	4820	5045
Continuous flow 60ºC	Ltrs/h	1475	1840	2300	2820	2955
Heating time (from 10 to 75ºC)	Min	26	32	39	45	54
Primary flow	m³/h	6	6	6	8	8

Primary input temperature 85ºC

GEISER INOX "DOUBLE WALL" (models D/DEC)

AISI 321 flanged electric heating elements, specific for primary heating circuit

electric element model	KW	V	installed as standard on tank models	optional application to tank models
RC-15/15-D	1,5	230	GX6 DEC90	GX6 D/DEC-90/130
RC-15/15-I	1,5	230		GX6 D/DEC-90/130
RC-16/22-D	2,2	230	GX6 DEC130	GX6 D/DEC-90/130
RC-16/22-I	2,2	230		GX6 D/DEC-90/130
RC-17/22-D	2,2	230	GX6 DEC190	GX6 D/DEC-190/600
RC-17/22-I	2,2	230		GX6 D/DEC-190/600
RC-18/25-D	2,5	230	GX6 DEC260/400	GX6 D/DEC-190/600
RC-18/25-I	2,5	230		GX6 D/DEC-190/600
RC-08/45-D	4,5	230	GX6 DEC600	GX6 D/DEC-600
RC-50D	5,0	400		GX6 D/DEC-600
RC-75D	7,5	400		GX6 D/DEC-600

GEISER INOX "DOUBLE WALL" (models DE/P/PAC)

Threaded immersion electric heating elemens, specific for primary heating circuit.

electric element model	KW	V	length L*	optional application to tank models
RI 4/2-22	2,2	3-230 / 3-400	260	GX6 DE-140/1000, GX6 P/PAC-300/1000
RI 4/2-54	5,4	3-230 / 3-400	345	GX6 DE-140/1000, GX6 P/PAC-300/1000
RI 4/2-72	7,2	3-230 / 3-400	445	GX6 DE-215/1000, GX6 P/PAC-400/1000
RI 4/2-90	9,0	3-230 / 3-400	505	GX6 DE-400/1000, GX6 P/PAC-400/1000
RI 4/2-120	12,0	3-230 / 3-400	680	GX6 DE 600/1000, GX6 P/PAC-600/1000

GEISER INOX "SINGLE WALL" (STORAGE and COIL tank models)

Backup heating, Incoloy immersion electric heating elements.

electric element model*	KW	V	length L*	optional application to tank models
RB-25	2,5	230/400	310	GX-200...1000-R/M1/M2
RB-50	5	230/400	310	GX-200...1000-R - GX-400...1000-M1/M2
RB-75	7,5	230/400	440	GX-500...1000-R - GX-800...1000-M1/M2
RB-100	10.0	230/400	580	GX-800...1000-R

(*) In GEISER models with Correx-up cathodic protection, please consult options to install electric kit "RB-25/50/75/100" in lateral inspection opening

Ceramic electric heating elements, sheathed in stainless steel plate. Stainless steel plate set + ceramic electric element, for side hole mounting.

electric element model	KW	V	length L*	optional application to tank models
RCER-12	1,2	230/400	300	GX-...-R/M1/M2
RCER-15	1,5	230/400	300	GX-...-R/M1/M2
RCER-20	2,0	230/400	400	GX-...-R/M1/M2
RCER-24	2,4	230/400	400	GX-...-R/M1/M2

Backup heating, Incoloy immersion electric heating elements.

electric element model	KW	V	IP	thread	length L*	optional application to tank models
RA2/2-15	1,5	230	40	1"M	650	GX6 PAC**
RA3/2-25	2,5	230	40	1 1/2"M	540	GX-200...1000-M1/M2
RA3/2-25T(*)	2,5	230	65	1 1/2"M	350	GX-200...1000-M1/M2
RA3/2-50	5,0	230/400	40	1 1/2"M	690	GX-400...1000-M1/M2

(*) Model RA 3/2-25T, incorporates regulation and safety thermostat in an IP65 head.
(**) For PAC models, on special upper plate.

GEISER INOX "SINGLE WALL" (**800 and 1000** litres STORAGE models **"RB"**, with side manhole ND400)

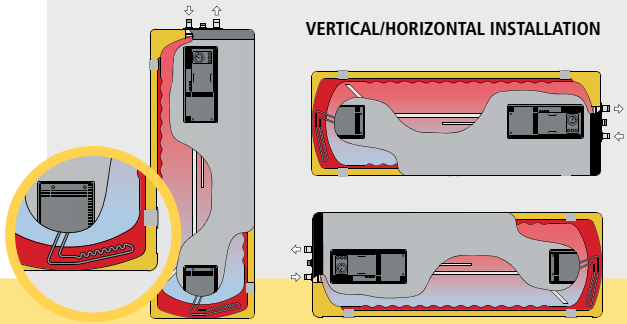
Incoloy threaded immersion electric heating elements for ND400 side manhole on models GX-800/1000-RB. ND400 stainless steel plate set with 2"F bushings + selected type and number of electric elements. Number of electric elements per plate on side manhole ND400: 3,4,5,6,7 or 8 units.

electric element model	KW	V	IP	thread	length L*	optional application to tank models
RA4/2-60	6,0	230/400	40	2"	797	GX-800/1000-RB
RA4/2-120D	12,0	230/400	40	2"	680	GX-800/1000-RB

Ceramic electric heating elements sheathed in stainless steel plate for ND400 side manhole on models GX-800/1000-RB. Stainless steel plate set with sleeves for ceramic electric elements + selected number of electric elements. Number of electric elements per plate on side manhole ND400: 3,4,5,6,7 or 8 units.

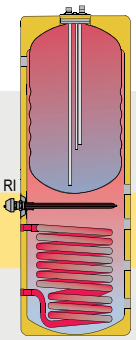
electric element model	KW	V	length L*	optional application to tank models
RCER-45	4,5	230/400	800	GX-800/1000-RB

"RC" HEATING ELEMENT: Flanged heating element for GEISER INOX "DOUBLE WALL". Models D/DEC.



Electric heating element RC...I. for left horizontal position.
Electric heating element RC...D. for right horizontal position.
Both types of electric elements are valid for VERTICAL installations.

"RI" HEATING ELEMENTS: Threaded immersion heating elements for primary heating circuit, for GEISER INOX "DOUBLE WALL". Models P/DE/PAC.

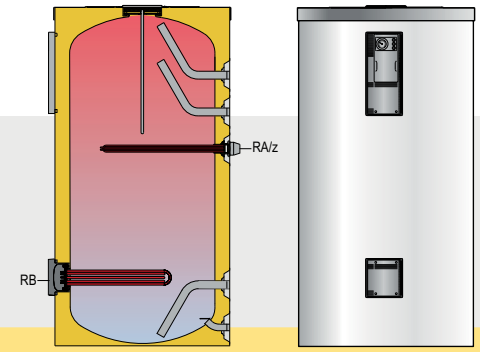


Electric heating in GEISER INOX "DOUBLE WALL" models

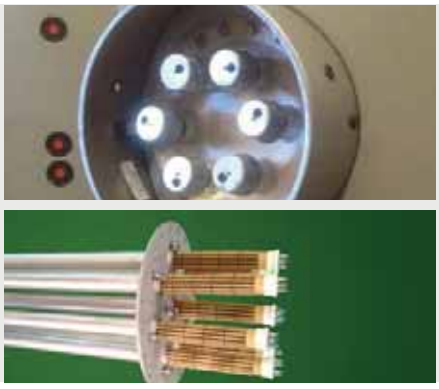
"RB" HEATING ELEMENT: Flanged heating element for GEISER INOX "SINGLE WALL", STORAGE AND COIL models.

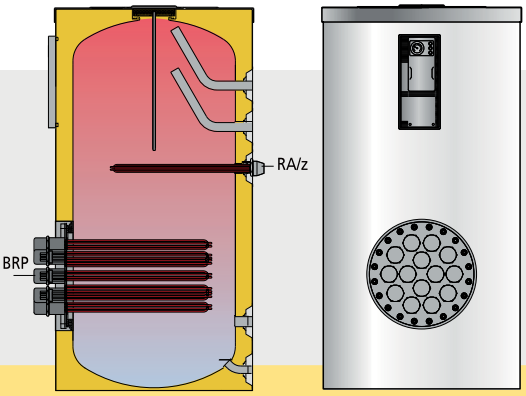
"RCER" HEATING ELEMENT: Flanged, sheathed ceramic heating element for GEISER INOX "SINGLE WALL", STORAGE AND COIL models.

"RA" HEATING ELEMENT: Threaded heating elements for backup heating in GEISER INOX "SINGLE WALL", STORAGE and COIL models



Electric heating in GEISER INOX STORAGE models, "R" models





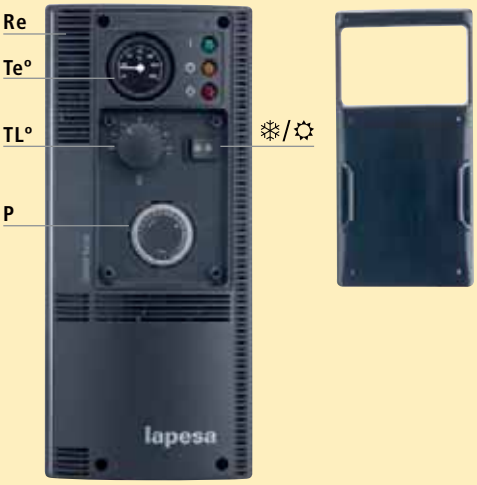
Electric heating in GEISER INOX STORAGE models, GX-800/1000-RB models

lapesa REGULATION AND CONTROL - GEISER INOX

"lapesa" control panels are integrated into the different types of tanks in the **"GEISER INOX"** series.
They are supplied fully wired and mounted on the tank.
The panels include all the necessary components to control the temperature of the DHW stored in the tank and for the thermostatic control of the installation's heating equipment.
Any of the standard control panels fitted in tanks can be replaced by another type of control panel, if the installation so requires.

CONTROL PANEL COMPONENTS:

- [**Teº**] Thermometer: 0 - 120ºC
- [**TLº**] Control thermostat: 0 - 75ºC
- [**TLº**] Safety thermostat: 90ºC
- ❄/☼ Switch: winter - summer
- Power on LED: green
- Primary pump LED: amber
- Electric heating element LED: red
- [**P**] Analog time switch: electric heating element.



COMPONENTS ON CONTROL PANELS

CONTROL PANEL	INCORPORATED COMPONENTS								
Denomination	**Thermometer**	**Regulation thermostat**	**Safety thermostat**	**Switch ON/ OFF**	**SWITCH SUMMER/ WINTER**	**LEDS**	**Analog time switch**	**Regulation**	**Standard installed** on tank models **"GEISER INOX"**
"S" PANEL	YES								GX6 S/P/PAC GX-...-R/RB/HL/HLB
"ST" PANEL	YES	YES						hydraulic primary circuit	GX-...-M1/M2
"K" PANEL	YES	YES	YES	YES	YES	YES		hydraulic primary circuit / electric heating element	GX6 D/DE/DEC
"KP1" PANEL	YES	YES	YES	YES	YES	YES	YES	hydraulic primary circuit / electric heating element with time programming	-

The **"GEISER INOX"** series are thermally insulated at the factory by direct mould-injection with CFC and HCFC-free PU material.
This system guarantees a perfectly regular insulation thickness with optimum material density. The thicknesses indicated in the table refer to the circular tank body, but the insulation is much thicker on the top part (up to four times greater). Because the top part of the tank has better thermal protection, heat losses are much lower than those specified by the most stringent regulations, such as the DIN 4753/8 standard.

Rigid, mould-injected PU insulating material

- *Minimal heat loss!*
- *For hot and cold water!*
- *No condensation on tank body!*
- *Compact block, no joints!*

TABLE OF THERMAL INSULATION: GEISER INOX SERIES

Serie	Type	Model	Thermal insulation k= 0.025 W/m °K	Insulation thickness PU (mm.)	Static heat losses EN 12897 (W)	ErP (EU 812/2013)	Minimum thickness of equivalent insulation with other insulating materials (mm): Flexible polyurethane foam* k= 0,040 W/m °K	Rockwool* k= 0,034 - 0,042 W/m °K	Fiberglass* k= 0,035 - 0,046 W/m °K
GEISER INOX	DOUBLEWALL	**GX6-S/D/DEC 90**	PU	40	45	B	65	55 - 70	55 -75
GEISER INOX	DOUBLEWALL	**GX6-S/D/DEC 130**	PU	40	50	B	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-S/D/DEC 190**	PU	40	58	B	65	55 - 70	55 -75
GEISER INOX	DOUBLEWALL	**GX6-S/D/DEC 260**	PU	40	63	B	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-S/D/DEC 400**	PU	40	99	C	65	55 - 70	55 -75
GEISER INOX	DOUBLEWALL	**GX6-S/D/DEC 600**	PU	40	103	C	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-DE 140**	PU	55	49	B	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-DE 180**	PU	55	53	B	65	55 - 70	55 -75
GEISER INOX	DOUBLEWALL	**GX6-DE 215**	PU	55	56	B	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-DE 260**	PU	55	61	B	65	55 - 70	55 -75
GEISER INOX	DOUBLEWALL	**GX6-DE 400**	PU	40	99	C	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-DE 600**	PU	40	103	C	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-TS 180**	PU	45/160	52	B	75/260	65/220 - 80/280	65/220-85/300
GEISER INOX	DOUBLEWALL	**GX6-TS 240**	PU	45/160	57	B	75/260	65/220 - 80/280	65/220-85/300
GEISER INOX	DOUBLEWALL	**GX6-P/PAC 300**	PU	40	62	B	65	55 - 70	55 -75
GEISER INOX	DOUBLEWALL	**GX6-P/PAC 400**	PU	40	99	C	65	55 - 70	55 -75
GEISER INOX	DOUBLEWALL	**GX6-P/PAC 600**	PU	40	103	C	65	55 - 70	55 - 75
GEISER INOX	DOUBLEWALL	**GX6-P/PAC 800**	PU	80	87	B	130	110 - 140	115 - 160
GEISER INOX	DOUBLEWALL	**GX6-P/PAC/DE 1000**	PU	80	113	C	130	110 -140	115 - 160
GEISER INOX	COIL - STORAGE	**GX-150-M1**	PU	55	41	B	100	85 - 105	85 - 120
GEISER INOX	COIL - STORAGE	**GX-200-R/M1/M2/HL**	PU	60	44	B	100	85 - 105	85 - 120
GEISER INOX	COIL - STORAGE	**GX-300-R/M1/M2/HL**	PU	60	62	B	100	85 - 105	85 - 120
GEISER INOX	COIL - STORAGE	**GX-400-R/M1/M2**	PU	60	75	B	100	85 - 105	85 - 120
GEISER INOX	COIL - STORAGE	**GX-500-R/M1/M2/HL**	PU	60	81	B	100	85 - 105	85 - 120
GEISER INOX	COIL - STORAGE	**GX-800-R/M1/M2**	PU	80	87	B	130	110 - 140	115 - 160
GEISER INOX	COIL - STORAGE	**GX-800-RB/M1B/M2B/HLB**	PU	80	95	B	130	110 - 140	115 - 160
GEISER INOX	COIL - STORAGE	**GX-1000-R/M1/M2/HL**	PU	80	113	C	130	110 - 140	115 - 160
GEISER INOX	COIL - STORAGE	**GX-1000-RB/M1B/M2B/HLB**	PU	80	123	C	130	110 - 140	115 - 160
GEISER INOX	COIL - STORAGE	**GX-150-TSM**	PU	45/160	55	B	75/260	65/220 - 80/280	65/220-85/300
GEISER INOX	COIL - STORAGE	**GX-200-TSM**	PU	45/160	59	B	75/260	65/220 - 80/280	65/220-85/300

(*) Detachable systems can lose up to 25% of the insulating capacity overall, so that in that case the insulation thickness will increased proportionally

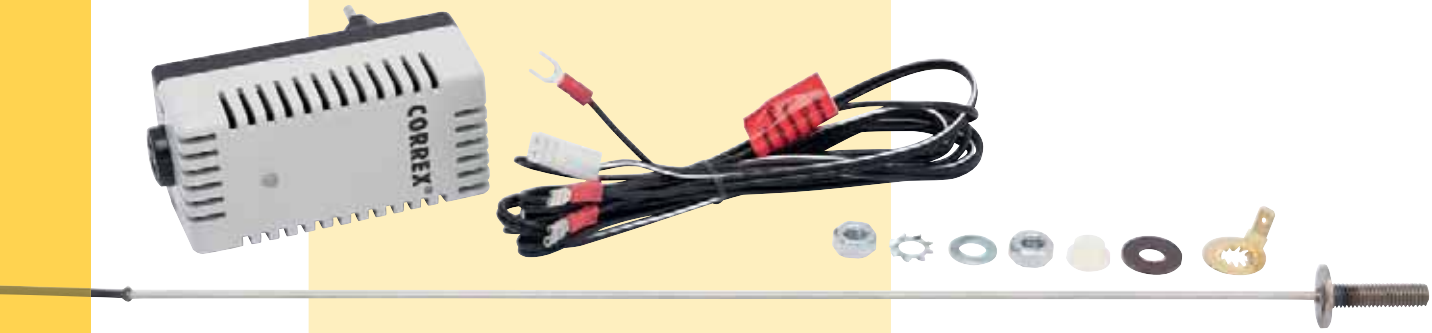
CATHODIC PROTECTION - GEISER INOX

The "GEISER INOX" series do not require cathodic protection in normal conditions of use with drinking water (European Directive 98/83/CE). However, depending on the installation site, drinking water conditions may differ greatly from the potability requirements established by current regulations. In this case, and taking as a reference a chloride content limit of 150 mg/l, we recommend incorporating a permanent, maintenance-free **"lapesa correx-up"** cathodic protection system in the storage tank.

"lapesa correx-up" permanent cathodic protection system.

Totally automatic!

Maintenance free!



"lapesa correx-up" permanent cathodic protection system: Maintenance-free permanent cathodic protection unit. These anodes do not wear out and they emit the necessary electric current automatically, providing the tank with cathodic protection via an individual potentiostat for each anode, connected to the mains electricity.

ACCESSORIES - GEISER INOX

EXTERNAL LININGS

External linings for "GEISER INOX" tanks.
Standard external lining: WHITE / RAL 9016.

WHITE: RAL 9016

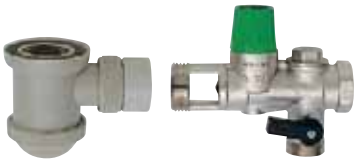
GREY: RAL 7045

BLUE: RAL 5015

ALUNOX EXTERNAL LINING

External aluminium sheet lining. ALUNOX external lining is supplied ready-mounted on the tank, over the PU insulation.

ACCESSORIES - GEISER INOX



SAFETY GROUP.

- Safety group set at 7 bar and 3/4" connection.
- Set of safety valve, non-return valve, stopcock and connection from trap to drain.

ELECTRIC HEATING ELEMENT. DOUBLE-WALL MODELS.

Electric heating element in AISI 321, specifically for "GEISER INOX" DOUBLE-WALL tanks, **"D" and "DEC"** models.
Characteristics and power range: page: 34 -ELECTRIC HEATING-

THREADED ELECTRIC HEATING ELEMENT, STORAGE AND COIL MODELS.

Low charge density, threaded immersion electric element in Incoloy for "GEISER INOX" STORAGE and COIL tanks, **"R", "RB", "M1" and "M2"** models.
Characteristics and power range: page: 34 -ELECTRIC HEATING-

FLANGED ELECTRIC HEATING ELEMENT, STORAGE AND COIL MODELS.

Low charge density, flanged immersion electric element, in Incoloy, for "GEISER INOX" STORAGE and COIL tanks, **"R", "M1" and "M2"** models.

CERAMIC ELECTRIC HEATING ELEMENT, STORAGE AND COIL MODELS.

Sheathed ceramic electric element for "GEISER INOX" STORAGE and COIL tanks, **"R", "M1" and "M2"** models.
Characteristics and power range: page: 34 -ELECTRIC HEATING-

THREADED ELECTRIC HEATING ELEMENT, DOUBLE WALL MODELS.

Electric element in AISI 321 specifically for "GEISER INOX" DOUBLE-WALL tanks, **"DE", "P" and "PAC"** models
Characteristics and power ratings: page: 34 -ELECTRIC HEATING-

"LAPESA CORREX-UP" CATHODIC PROTECTION SYSTEM.

"lapesa correx-up" permanent cathodic protection unit for "GEISER INOX" tanks in installations with aggressive water..

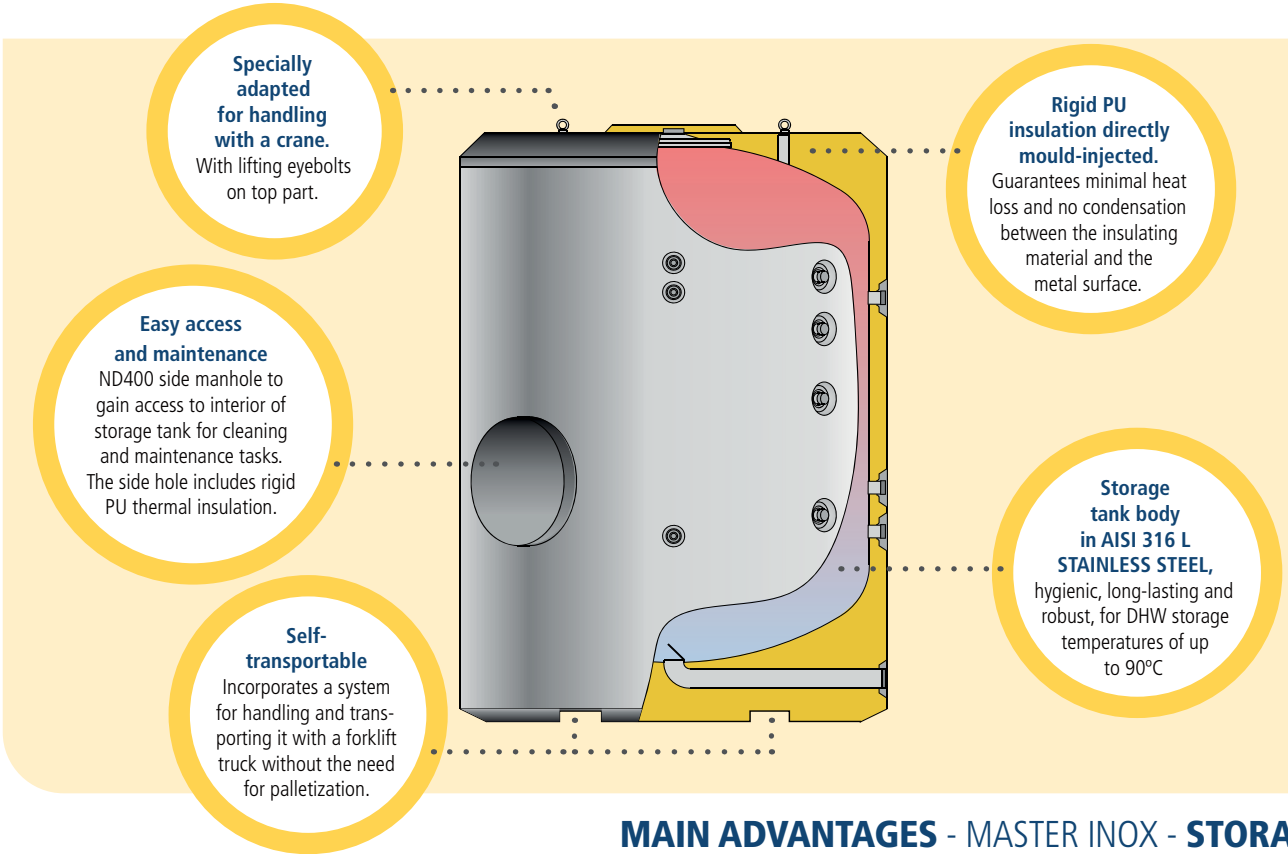
REGULATION AND CONTROL PANELS.

Regulation and control panels for "GEISER INOX" tanks.
Characteristics / applications: page: 36 -REGULATION AND CONTROL-

MASTER INOX - STAINLESS STEEL

STORAGE models, energy savings!

Designed to provide extraordinary storage capacity that translates directly into real savings. Their overdimensioned rigid, mould-injected PU thermal insulation maintains DHW storage temperature for long periods, providing users with continued savings throughout the life of the storage tank.



MAIN ADVANTAGES - MASTER INOX - **STORAGE**

DHW PRODUCTION/STORAGE TANKS
MASTER INOX - **STORAGE**

LARGE CAPACITY STORAGE TANKS: Designed to provide an extraordinary storage capacity that translates directly into real savings.

- CAPACITIES from 1500 to 6000 litres -

Storage tanks ready for installation with plate heat exchanger and/or electric heating elements as the heating source.

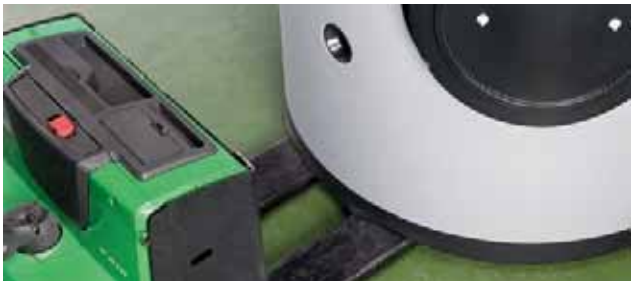
MAXIMUM STORAGE CAPACITY: Extra thick, rigid PU insulation that minimizes heat losses of stored DHW (see HEAT INSULATION chapter, page: 56)

LONG-LASTING PRODUCT: Nickel-chromium-molybdenum STAINLESS STEEL DHW storage tank, highly resistant to pitting caused by halogen elements such as chlorine in drinking water. This is the material used to manufacture all of the models in our **"MASTER INOX"** series.

ELECTRIC HEATING: Ready to be fitted with Incoloy, low charge density electric immersion elements or with sheathed ceramic heating elements (see ELECTRIC HEATING chapter, page: 54)

EASY TO MAINTAIN: With access to tank interior through ND400 side manhole, for inspection and cleaning.

EASY TO HANDLE AND TRANSPORT: Our "MASTER" storage tanks are designed for easy handling and transport to the place of installation.
They have an integrated system for handling and transporting by forklift truck, which facilitates handling operations enormously as there is no need to palletize the product which, given its weight and size, would make handling difficult.
The tanks are also equipped with lifting eyebolts on the top part so that if they have to be placed in a high area they can be lifted with an overhead hoist.



TRANSPORT SYSTEM: Openings/ducts under the tank for easier handling with pallet trucks (from 1500 litres or more).

FEATURES COMMON TO ALL "MASTER INOX" STORAGE MODELS:

- DHW storage tanks in **AISI 316 L stainless steel**
- Capacities: **1500, 2000, 2500, 3000, 3500, 4000, 5000 and 6000 litres**
- Maximum working pressure of DHW storage tank: **8 bar** (optional: 10 and 12 bar)
- Maximum working temperature of DHW storage tank: **90 °C**
- Thermal insulation: **Rigid, mould-injected PU** (CFC/HCFC-free, 0.025 W/m°K)
- Tanks for VERTICAL installation on floor. (OPTIONAL, HORIZONTAL position - please consult us-)

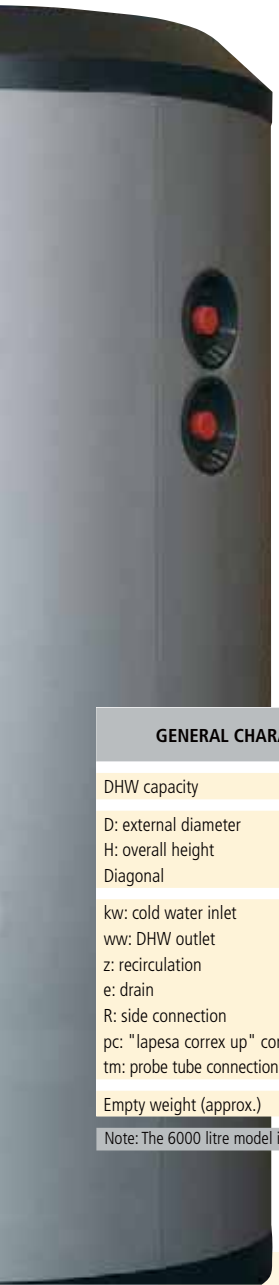
lapesa *storage tanks have minimal heat losses and for this reason are considered to be one of the products with the greatest storage capacity on the market.*

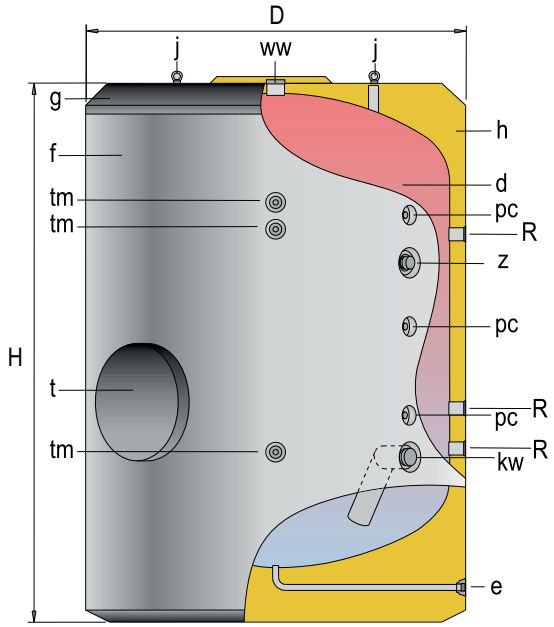
CE

lapesa Solutions

MASTER INOX "RB"

DWH STORAGE tanks, from **1500 to 6000** litre capacity.
DHW production is by an external heat exchange system (plate heat exchanger)
They can be fitted with immersion electric elements or ceramic electric elements as the main and/or backup heating system.
With ND400 side manhole for access to interior of tank for inspection, cleaning treatments and maintenance.
Thermally insulated with rigid, mould-injected, 80 mm-thick, PU polyurethane foam, with insulating piece in same material on the ND400 side manhole
As an option, PVC padded external lining and set of trims, or ALUNOX aluminium sheet lining can be supplied (see ACCESSORIES chapter, page: 57.





t - Manhole ND400
d - DHW tank
f - External lining
g - Top cover
h - Thermal insulation
j - Lifting eyes

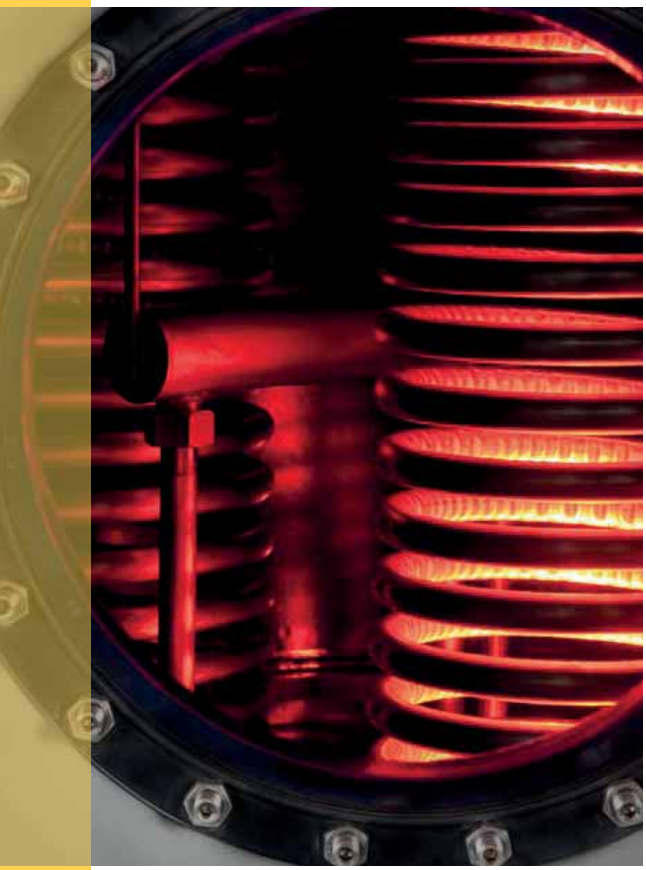
GENERAL CHARACTERISTICS		MXV-1500-RB	MXV-2000-RB	MXV-2500-RB	MXV-3000-RB	MXV-3500-RB	MXV-4000-RB	MXV-5000-RB	MXV-6000-RB
DHW capacity	l.	1500	2000	2500	3000	3500	4000	5000	6000
D: external diameter	mm.	1360	1360	1660	1660	1660	1910	1910	1910
H: overall height	mm.	1830	2280	2015	2305	2580	2310	2710	3210
Diagonal	mm.	2281	2655	2611	2841	3068	2998	3316	3735
kw: cold water inlet	" GAS/M	2	2	2	2	3	3	3	3
ww: DHW outlet	" GAS/M	2	2	3	3	3	3	3	3
z: recirculation	" GAS/M	1 1/2	1 1/2	2	2	2	2	2	2
e: drain	" GAS/M	1	1	1	1	1	1	1	2
R: side connection	" GAS/F	2	2	2	2	2	2	2	2
pc: "lapesa correx up" connection	" GAS/F	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
tm: probe tube connection for sensors	" GAS/F	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Empty weight (approx.)	Kg	265	305	450	485	520	600	670	730

Note: The 6000 litre model includes support legs

MASTER INOX - STAINLESS STEEL

Models with COILS production and efficiency!

Designed to provide great energy storage capacity with an exclusive, high-efficiency DHW production system. Modular heat exchange unit, comprising a set of detachable collectors and coils for DHW production via an external energy source.



LARGE CAPACITY TANKS FOR DWH PRODUCTION AND STORAGE: Designed for extraordinary energy storage capacity that directly translates into real savings, with an exclusive high-efficiency DHW production system.

- CAPACITIES from 1500 to 6000 litres -

The overdimensioned, rigid, mould-injected PU thermal insulation maintains the DHW storage temperature over long periods of time without requiring additional energy input. This means less start-ups and adjustments of external energy sources, which in turn translates into less energy consumption.
Storage tanks that incorporate a heat exchange system comprising a set of collectors and coils that are detachable from the inside of the storage tank, for DHW production via an external energy source (see DHW PRODUCTION chapter, page: 50)

LONG-LASTING PRODUCT: Nickel-chromium-molybdenum STAINLESS STEEL DHW storage tank, highly resistant to pitting caused by halogen elements such as chlorine in drinking water. This is the material used to manufacture all of the models in our **"MASTER INOX"** series.

DHW PRODUCTION/STORAGE TANKS
MASTER INOX - **COILS**

ANTI-LEGIONELLA DESIGN: The design of the complete range of "MASTER INOX" tanks adheres to all of the "Treatment and Prevention of Legionellosis" criteria specified in current UNE standards and EC Directives and, in particular, in the R.D. 865/2003 and the RITE (Regulations on Thermal Installations in Buildings).
The anti-legionella design applies to the storage: tank unit and its internal DHW production system.

LARGE DHW PRODUCTION CAPACITY: A set of separate collectors and coils, made of STAINLESS STEEL, are mounted inside the storage tank, allowing the heat exchange surface to be dimensioned in accordance with the power required (up to 10 m^2 in the 5000 litre model), adapted to traditional energy sources or to the use of renewable energies.
This exclusive **lapesa** DHW production system for large capacity tanks saves on installation space and allows total or partial maintenance of the unit, guaranteeing the continuous service of the installation.

EASY TO MAINTAIN: With access to tank interior through a ND400 side manhole for inspection and cleaning of the storage tank and/or coil system.

MAXIMUM STORAGE CAPACITY: Extra thick, rigid, PU mould-injected insulation that minimizes heat losses of stored DHW (see HEAT INSULATION chapter, page: 56).

ELECTRIC HEATING: Ready to be fitted with Incoloy, low charge density electric immersion elements or with sheathed ceramic heating elements, as backup electric heating (see ELECTRIC HEATING chapter, page: 54).

EASY TO HANDLE AND TRANSPORT: Our "MASTER" storage tanks are designed for easy handling and transport to the place of installation.
They have an integrated system for handling and transporting by forklift truck, which facilitates handling operations enormously, as there is no need to palletize the product which, given its weight and size, would make handling difficult.
The tanks are also equipped with lifting eyebolts on the top part so that if they have to be placed in a high area they can be lifted with an overhead hoist.

TRANSPORT SYSTEM: Openings/ducts under the tank for easier handling with pallet trucks (from 1500 litres or more).

FEATURES COMMON TO ALL "MASTER INOX" COILS MODELS:

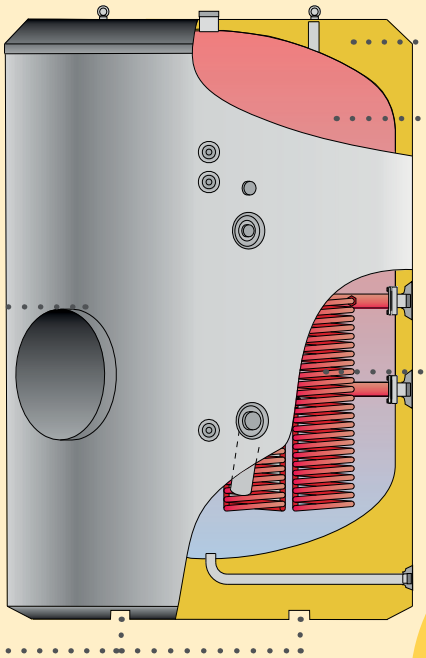
- DHW storage tanks in **AISI 316 L stainless steel**
- Capacities: **1500, 2000, 2500, 3000, 3500, 4000, 5000 and 6000 litres**
- Maximum working pressure of DHW storage tank: **8 bar** (optional: 10 and 12 bar)
- Maximum working temperature of DHW storage tank: **90 °C**
- Maximum pressure of set of coils: **25 bar**
- Maximum temperature of set of coils: **110 °C** (up to 200 °C with special high temperature seals)
- Thermal insulation: **Rigid, mould-injected PU** (CFC/HCFC-free, 0.025 W/m°K)
- Tanks for VERTICAL installation on floor. (OPTIONAL, HORIZONTAL position - please consult us-)

MAIN ADVANTAGES - MASTER INOX - **COILS**

Specially adapted for handling with a crane.
With lifting eyebolts on top part.

Rigid PU insulation directly mould-injected.
Guarantees minimal heat loss and no condensation between the insulating material and the metal surface.

Easy access and maintenance
ND400 side manhole to access interior of storage tank for cleaning and maintenance tasks. The side hole includes rigid PU thermal insulation.



Storage tank body in AISI 316 L STAINLESS STEEL,
hygienic, long-lasting and robust, for DHW storage temperatures of up to 90ºC

Self-transportable
With an integrated system for handling and transporting by forklift truck, which facilitates handling without requiring palletization.

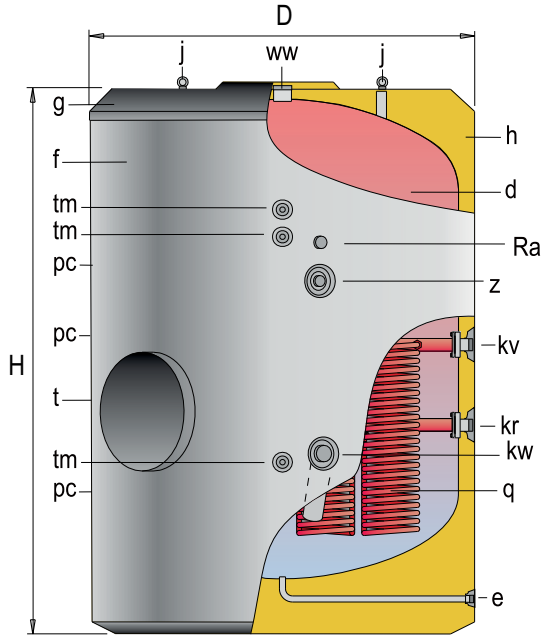
Modular, detachable stainless steel coils
Designed to heat from the lowest zone in the tank, they guarantee the greatest DHW production capacity, taking maximum advantage of the tank capacity and acting as a perfect anti-legionella system.

__lapesa__'s exclusive modular coils system for LARGE CAPACITY tanks allows the unit to be adapted to the thermal power required, also enabling separate intervention from the storage tank.

lapesa Solutions

MASTER INOX "SB"

DWH PRODUCTION/STORAGE tanks, from **1500** to **6000** litre capacity.
With **detachable coils system** for DHW production via an external energy source.
They can be fitted with immersion electric elements or ceramic electric elements on the top part of the tank, as backup heating.
With ND400 side manhole for access to interior of tank for inspection, cleaning treatments and maintenance tasks.
Thermally insulated with rigid, mould-injected, 80 mm-thick, PU polyurethane foam, with insulating piece in same material on the ND400 side manhole
As an option PVC padded external lining and set of trims, special outdoor lining or ALUNOX aluminium sheet lining can be supplied. (page: 57)



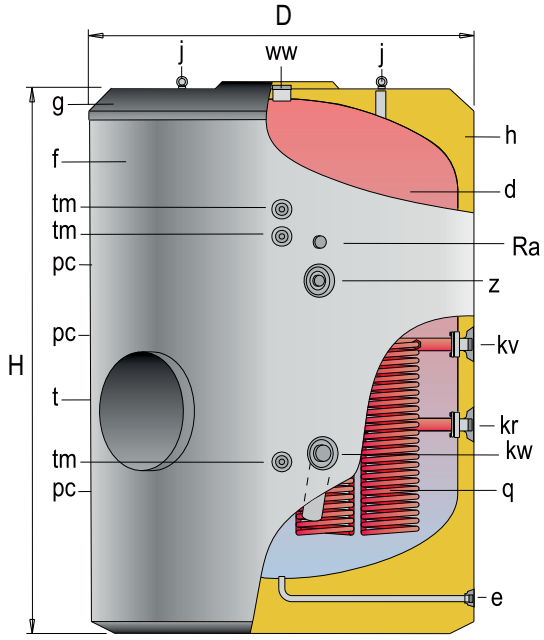
t - Manhole ND400
d - DHW tank
f - External lining
g - Top cover
h - Thermal insulation
j - Lifting eyes
q - Detachable coils system

GENERAL CHARACTERISTICS		MXV-1500-SB	MXV-2000-SB	MXV-2500-SB	MXV-3000-SB	MXV-3500-SB	MXV-4000-SB	MXV-5000-SB	MXV-6000-SB
DHW capacity	l.	1500	2000	2500	3000	3500	4000	5000	6000
D: external diameter	mm.	1360	1360	1660	1660	1660	1910	1910	1910
H: overall height	mm.	1830	2280	2015	2305	2580	2310	2710	3210
Diagonal	mm.	2281	2655	2611	2841	3068	2998	3316	3735
kw: cold water inlet	" GAS/M	2	2	2	2	3	3	3	3
ww: DHW outlet	" GAS/M	2	2	3	3	3	3	3	3
z: recirculation	" GAS/M	1 1/2	1 1/2	2	2	2	2	2	2
e: drain	" GAS/M	1	1	1	1	1	1	1	2
R: side connection	" GAS/F	2	2	2	2	2	2	2	2
pc: "lapesa correx up" connection	" GAS/F	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
tm: probe tube connection for sensors	" GAS/F	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
kv: primary input	" GAS/M	2	2	2	2	2	2	2	2
kr: primary return	" GAS/M	2	2	2	2	2	2	2	2
Coils set heating surface	m^2	2,8	3,4	4,8	5	6,7	6,7	8,4	8,4
Empty weight (approx.)	Kg	305	345	485	535	575	650	720	805

Note: The 6000 litre model includes support legs

MASTER INOX "SSB"

DWH PRODUCTION/STORAGE tanks, from **1500** to **6000** litre capacity.
Set of OVERDIMENSIONED coils for DHW production, specifically designed for the application of RENEWABLE ENERGIES, in particular, **SOLAR ENERGY.**
Heat exchange surfaces in the whole range comply with RITE requirements for SOLAR installations.
They can be fitted with immersion electric elements or ceramic electric elements on the top part of the tank, as backup heating.
With ND400 side manhole for access to interior of tank for inspection, cleaning treatments and maintenance.
Thermally insulated with rigid, mould-injected, 80 mm-thick, PU polyurethane foam, with insulating piece in same material on the ND400 side manhole.
Optional supply of PVC padded external lining and set of trims, special lining for exterior or ALUNOX aluminium sheet lining (page: 57)



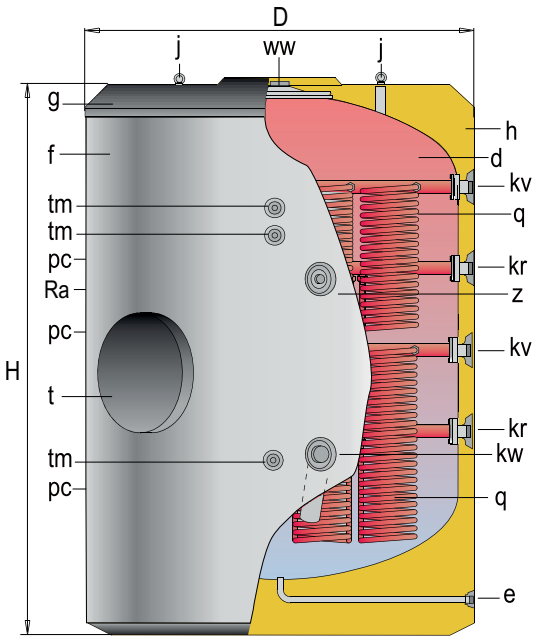
t - Manhole ND400
d - DHW tank
f - External lining
g - Top cover
h - Thermal insulation
j - Lifting eyes
q - Detachable coils system

GENERAL CHARACTERISTICS		MXV-1500-SSB	MXV-2000-SSB	MXV-2500-SSB	MXV-3000-SSB	MXV-3500-SSB	MXV-4000-SSB	MXV-5000-SSB	MXV-6000-SSB
DHW capacity	l.	1500	2000	2500	3000	3500	4000	5000	6000
D: external diameter	mm.	1360	1360	1660	1660	1660	1910	1910	1910
H: overall height	mm.	1830	2280	2015	2305	2580	2310	2710	3210
Diagonal	mm.	2281	2655	2611	2841	3068	2998	3316	3735
kw: cold water inlet	" GAS/M	2	2	2	2	3	3	3	3
ww: DHW outlet	" GAS/M	2	2	3	3	3	3	3	3
z: recirculation	" GAS/M	1 1/2	1 1/2	2	2	2	2	2	2
e: drain	" GAS/M	1	1	1	1	1	1	1	2
R: side connection	" GAS/F	2	2	2	2	2	2	2	2
pc: "lapesa correx up" connection	" GAS/F	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
tm: probe tube connection for sensors	" GAS/F	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
kv: primary input	" GAS/M	2	2	2	2	2	2	2	2
kr: primary return	" GAS/M	2	2	2	2	2	2	2	2
Coils set heating surface	m^2	4,2	5,0	6,1	8,4	8,4	8,4	10,0	10,0
Empty weight (approx.)	Kg	315	365	500	565	590	665	745	817

Note: The 6000 litre model includes support legs

MASTER INOX "S2B / SS2B"

DWH PRODUCTION/STORAGE tanks, **2000**, **3500**, **5000** and **6000** litre capacity.
"SB" and SSB" base models with **TWO detachable coil systems** for DHW production via two combined external energy sources.
With ND400 side manhole for access to interior of tank for inspection, cleaning treatments and maintenance.
Thermally insulated with rigid, mould-injected, 80 mm-thick, PU polyurethane foam, with insulating piece in same material on the ND400 side manhole.
Optional supply of PVC padded external lining and set of trims or ALUNOX aluminium sheet lining (page: 57)



t - Manhole ND400
d - DHW tank
f - External lining
g - Top cover
h - Thermal insulation
j - Lifting eyes
q - Detachable coils system

GENERAL CHARACTERISTICS		MXV-2000 S2B / SS2B	MXV-3500 S2B / SS2B	MXV-5000 S2B / SS2B	MXV-6000 S2B / SS2B
DHW capacity	l.	2000	3500	5000	6000
D: external diameter	mm.	1360	1660	1910	1910
H: overall height	mm.	2280	2580	2710	3210
Diagonal	mm.	2655	3068	3316	3735
kw: cold water inlet	" GAS/M	2	3	3	3
ww: DHW outlet	" GAS/M	2	3	3	3
z: recirculation	" GAS/M	1 1/2	2	2	2
e: drain	" GAS/M	1	1	1	2
pc: "lapesa correx up" connection	" GAS/F	3/4	3/4	3/4	3/4
Ra: side connection	" GAS/F	2	2	2	2
tm: probe tube connection for sensors	" GAS/F	1/2	1/2	1/2	1/2
kv: primary input	" GAS/M	2	2	2	2
kr: primary return	" GAS/M	2	2	2	2
Lower coils set heating surface "S2B"	m^2	3,4	6,7	8,4	8,4
Lower coils set heating surface "SS2B"	m^2	5,0	8,4	10,0	10,0
Upper coils set heating surface "S2B" / "SS2B"	m^2	1,7/3,1	3,2/4,0	4,0/4,8	4,0/4,8
Empty weight (approx.) "S2B" / "SS2B"	Kg	374 / 394	615 / 630	765 / 790	862 / 874

Note: The 6000 litre model includes support legs

MASTER INOX - **COILS - SB** [Continuous flow DHW production (liters/hour) **10ºC - 45ºC**]

PRIMARY INPUT TEMPERATURE ºC		55 ºC		70 ºC		80 ºC		90 ºC	
tank model	primary pump flow (m^3/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MXV-1500-SB	3	39	**960**	72	**1772**	98	**2411**	119	**2928**
	5	46	**1132**	85	**2092**	118	**2904**	143	**3519**
	8	52	**1280**	98	**2411**	137	**3371**	166	**4085**
MXV-2000-SB	3	44	**1083**	86	**2116**	109	**2682**	136	**3347**
	5	51	**1255**	104	**2559**	133	**3273**	165	**4060**
	8	58	**1427**	121	**2977**	154	**3789**	191	**4700**
MXV-2500-SB	3	53	**1304**	92	**2264**	119	**2928**	146	**3593**
	5	63	**1550**	113	**2781**	147	**3617**	180	**4429**
	8	72	**1772**	132	**3248**	172	**4232**	211	**5192**
MXV-3000-SB	3	61	**1501**	107	**2633**	141	**3470**	174	**4282**
	5	74	**1821**	134	**3297**	178	**4380**	220	**5414**
	8	86	**2116**	158	**3888**	212	**5217**	262	**6447**
MXV-3500-SB	3	71	**1747**	132	**3248**	181	**4454**	224	**5512**
	5	87	**2141**	165	**4060**	228	**5610**	284	**6988**
	8	102	**2510**	196	**4823**	270	**6644**	340	**8366**
MXV-4000-SB	3	71	**1747**	132	**3248**	181	**4454**	224	**5512**
	5	87	**2141**	165	**4060**	228	**5610**	284	**6988**
	8	102	**2510**	196	**4823**	270	**6644**	340	**8366**
MXV-5000-SB	3	83	**2042**	156	**3839**	211	**5192**	263	**6472**
	5	102	**2510**	197	**4848**	268	**6595**	337	**8293**
	8	120	**2953**	234	**5758**	321	**7899**	406	**9990**
MXV-6000-SB	3	83	**2042**	156	**3839**	211	**5192**	263	**6472**
	5	102	**2510**	197	**4848**	268	**6595**	337	**8293**
	8	120	**2953**	234	**5758**	321	**7899**	406	**9990**

MASTER INOX - **COILS - SSB** [Continuous flow DHW production (liters/hour) **10ºC - 45ºC**]

PRIMARY INPUT TEMPERATURE ºC		55 ºC		70 ºC		80 ºC		90 ºC	
tank model	primary pump flow (m^3/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MXV-1500-SSB	3	53	**1304**	92	**2264**	119	**2928**	146	**3593**
	5	63	**1550**	113	**2781**	147	**3617**	180	**4429**
	8	72	**1772**	132	**3248**	172	**4232**	211	**5192**
MXV-2000-SSB	3	61	**1501**	107	**2633**	141	**3470**	174	**4282**
	5	74	**1821**	134	**3297**	178	**4380**	220	**5414**
	8	86	**2116**	158	**3888**	212	**5217**	262	**6447**
MXV-2500-SSB	3	64	**1575**	119	**2928**	161	**3962**	199	**4897**
	5	78	**1919**	149	**3666**	204	**5020**	251	**6176**
	8	90	**2215**	177	**4355**	243	**5979**	299	**7357**
MXV-3000-SSB	3	83	**2042**	156	**3839**	211	**5192**	263	**6472**
	5	102	**2510**	197	**4848**	268	**6595**	337	**8293**
	8	120	**2953**	234	**5758**	321	**7899**	406	**9990**
MXV-3500-SSB	3	83	**2042**	156	**3839**	211	**5192**	263	**6472**
	5	102	**2510**	197	**4848**	268	**6595**	337	**8293**
	8	120	**2953**	234	**5758**	321	**7899**	406	**9990**
MXV-4000-SSB	3	83	**2042**	156	**3839**	211	**5192**	263	**6472**
	5	102	**2510**	197	**4848**	268	**6595**	337	**8293**
	8	120	**2953**	234	**5758**	321	**7899**	406	**9990**
MXV-5000-SSB	3	100	**2461**	177	**4364**	243	**5973**	301	**7401**
	5	125	**3076**	226	**5569**	314	**7715**	392	**9657**
	8	148	**3642**	271	**6677**	379	**9319**	477	**11732**
MXV-6000-SSB	3	100	**2461**	177	**4364**	243	**5973**	301	**7401**
	5	125	**3076**	226	**5569**	314	**7715**	392	**9657**
	8	148	**3642**	271	**6677**	379	**9319**	477	**11732**

NOTE: for further information, consult our technical product catalog.

MASTER INOX - **COILS - SB** [Continuous flow DHW production (liters/hour) **10ºC - 60ºC**]

PRIMARY INPUT TEMPERATURE ºC		70 ºC		80 ºC		90 ºC	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MXV-1500-SB	3	46	**792**	73	**1257**	94	**1619**
	5	55	**947**	89	**1533**	114	**1964**
	8	64	**1102**	103	**1774**	132	**2274**
MXV-2000-SB	3	55	**947**	80	**1378**	107	**1843**
	5	67	**1154**	98	**1688**	131	**2256**
	8	78	**1344**	114	**1964**	152	**2618**
MXV-2500-SB	3	59	**1016**	87	**1499**	115	**1981**
	5	72	**1240**	108	**1860**	143	**2463**
	8	85	**1464**	128	**2205**	168	**2894**
MXV-3000-SB	3	68	**1171**	104	**1791**	137	**2360**
	5	86	**1481**	131	**2256**	174	**2997**
	8	102	**1757**	157	**2704**	209	**3600**
MXV-3500-SB	3	85	**1464**	133	**2291**	177	**3049**
	5	106	**1826**	168	**2894**	226	**3893**
	8	126	**2170**	200	**3445**	270	**4651**
MXV-4000-SB	3	85	**1464**	133	**2291**	177	**3049**
	5	106	**1826**	168	**2894**	226	**3893**
	8	126	**2170**	200	**3445**	270	**4651**
MXV-5000-SB	3	100	**1722**	155	**2670**	208	**3583**
	5	127	**2188**	198	**3411**	268	**4616**
	8	151	**2601**	238	**4100**	323	**5564**
MXV-6000-SB	3	100	**1722**	155	**2670**	208	**3583**
	5	127	**2188**	198	**3411**	268	**4616**
	8	151	**2601**	238	**4100**	323	**5564**

MASTER INOX - **COILS - SSB** [Continuous flow DHW production (liters/hour) **10ºC - 60ºC**]

PRIMARY INPUT TEMPERATURE ºC		70 ºC		80 ºC		90 ºC	
tank model	primary pump flow (m³/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MXV-1500-SSB	3	59	**1016**	87	**1499**	115	**1981**
	5	72	**1240**	108	**1860**	143	**2463**
	8	85	**1464**	128	**2205**	168	**2894**
MXV-2000-SSB	3	68	**1171**	104	**1791**	137	**2360**
	5	86	**1481**	131	**2256**	174	**2997**
	8	102	**1757**	157	**2704**	209	**3600**
MXV-2500-SSB	3	76	**1312**	118	**2040**	157	**2697**
	5	96	**1654**	151	**2595**	199	**3429**
	8	114	**1969**	180	**3107**	238	**4103**
MXV-3000-SSB	3	100	**1722**	155	**2670**	208	**3583**
	5	127	**2188**	198	**3411**	268	**4616**
	8	151	**2601**	238	**4100**	323	**5564**
MXV-3500-SSB	3	100	**1722**	155	**2670**	208	**3583**
	5	127	**2188**	198	**3411**	268	**4616**
	8	151	**2601**	238	**4100**	323	**5564**
MXV-4000-SSB	3	100	**1722**	155	**2670**	208	**3583**
	5	127	**2188**	198	**3411**	268	**4616**
	8	151	**2601**	238	**4100**	323	**5564**
MXV-5000-SSB	3	113	**1948**	179	**3077**	238	**4094**
	5	144	**2477**	232	**3992**	312	**5368**
	8	172	**2964**	281	**4833**	380	**6540**
MXV-6000-SSB	3	113	**1948**	179	**3077**	238	**4094**
	5	144	**2477**	232	**3992**	312	**5368**
	8	172	**2964**	281	**4833**	380	**6540**

MASTER INOX - **UPPER COIL(1) - S2B / SS2B** [Continuous flow DHW production (liters/hour) **10ºC - 45ºC**]

PRIMARY INPUT TEMPERATURE ºC		55 ºC		70 ºC		80 ºC		90 ºC	
tank model	primary pump flow (m^3/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MXV-2000-S2B/SS2B	3	36	886	70	1722	92	2264	115	2830
	5	42	1033	83	2042	110	2707	136	3347
	8	48	1181	95	2338	127	3125	155	3814
MXV-3500-S2B/SS2B	3	50	1230	92	2264	119	2928	147	3617
	5	60	1476	112	2756	145	3568	179	4405
	8	69	1698	131	3224	169	4159	208	5118
MXV-5000-S2B/SS2B	3	58	1427	103	2535	136	3347	168	4134
	5	71	1747	129	3174	170	4183	210	5167
	8	82	2018	152	3740	202	4971	250	6152
MXV-6000-S2B/SS2B	3	58	1427	103	2535	136	3347	168	4134
	5	71	1747	129	3174	170	4183	210	5167
	8	82	2018	152	3740	202	4971	250	6152

(1) DHW productions for the lower coils of S2B models correspond to the productions of the SB models, see page 50.

MASTER INOX - **SERPENTÍN(2) SUPERIOR - S2B / SS2B** [Continuous flow DHW production (liters/hour) **10ºC - 60ºC**]

PRIMARY INPUT TEMPERATURE ºC			70 ºC		80 ºC		90 ºC	
tank model	primary pump flow (m^3/h)		KW	DHW (l/h)	KW	DHW (l/h)	KW	DHW (l/h)
MXV-2000-S2B/SS2B	3		43	741	67	1154	88	1516
	5		53	913	82	1412	108	1860
	8		62	1068	96	1654	126	2170
MXV-3500-S2B/SS2B	3		58	999	86	1481	114	1964
	5		72	1240	106	1826	141	2429
	8		84	1447	125	2153	165	2842
MXV-5000-S2B/SS2B	3		66	1137	100	1722	132	2274
	5		83	1430	125	2153	167	2877
	8		98	1688	150	2584	199	3428
MXV-6000-S2B/SS2B	3		66	1137	100	1722	132	2274
	5		83	1430	125	2153	167	2877
	8		98	1688	150	2584	199	3428

(2) DHW productions for the lower coils of SS2B models correspond to the productions of the SSB models, see page 51.

NOTE: for further information, consult our technical product catalog.

MASTER INOX - **COILS** models - **SB** - (DHW production - **peak flow -**)

		MXV1500 SB	MXV2000 SB	MXV2500 SB	MXV3000 SB	MXV3500 SB	MXV4000 SB	MXV5000 SB	MXV6000 SB
Peak flow 40°C	L/10'	2925	3900	4875	5850	6825	7800	9750	11800
Peak flow 45°C	L/10'	2500	3325	4175	5000	5850	6675	8350	10050
Peak flow 60°C	L/10'	1750	2325	2925	3500	4075	4675	5850	7075
Peak flow 40°C	L/60'	6675	8150	9625	11675	14240	15200	18500	20550
Peak flow 45°C	L/60'	5600	6850	8125	9825	12055	12875	15625	17340
Peak flow 60°C	L/60'	3400	4225	5050	6125	7450	8000	9750	10990
Continuous flow 40°C	Ltrs/h	4500	5100	5700	7000	8900	8900	10500	10500
Continuous flow 45°C	Ltrs/h	3725	4250	4750	5800	7450	7450	8750	8750
Continuous flow 60°C	Ltrs/h	2000	2300	2550	3150	4000	4000	4700	4700
Heating time (from 10 to 75°C)	Min	77	88	100	97	100	102	109	117
Primary flow	m^3/h	8	8	8	8	8	8	8	8

Primary input temperature 85°C

MASTER INOX - **COILS** models - **SSB** - (DHW production - **peak flow -**)

		MXV1500 SSB	MXV2000 SSB	MXV2500 SSB	MXV3000 SSB	MXV3500 SSB	MXV4000 SSB	MXV5000 SSB	MXV6000 SSB
Peak flow 40°C	L/10'	2925	3900	4875	5850	6825	7800	10840	12790
Peak flow 45°C	L/10'	2500	3325	4175	5000	5850	6675	9235	10910
Peak flow 60°C	L/10'	1750	2325	2925	3500	4075	4675	6325	7500
Peak flow 40°C	L/60'	7675	9725	11550	14600	15575	16550	21740	23690
Peak flow 45°C	L/60'	6450	8150	9735	12275	13125	13950	18010	19680
Peak flow 60°C	L/60'	3875	4950	5930	7400	7975	8575	11065	12240
Continuous flow 40°C	Ltrs/h	5700	7000	8010	10500	10500	10500	13080	13080
Continuous flow 45°C	Ltrs/h	4750	5800	6675	8750	8750	8750	10530	10530
Continuous flow 60°C	Ltrs/h	2550	3150	3605	4700	4700	4700	5690	5690
Heating time (from 10 to 75°C)	Min	60	65	65	65	76	87	102	110
Primary flow	m^3/h	8	8	8	8	8	8	8	8

Primary input temperature 85°C

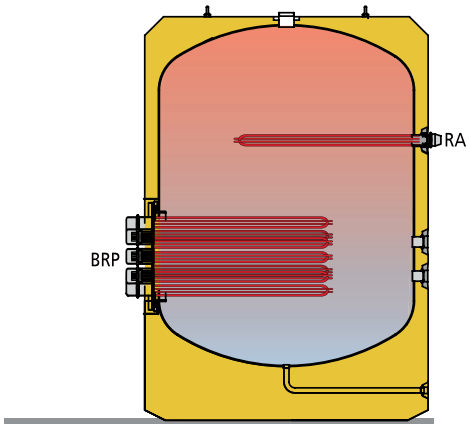
MASTER INOX - **COILS** models - **S2B / SS2B** - (DHW production - **peak flow -**)

UPPER COIL		MXV2000 S2B	MXV3500 S2B	MXV5000 S2B	MXV6000 S2B	MXV2000 SS2B	MXV3500 SS2B	MXV5000 SS2B	MXV6000 SS2B
Peak flow 40°C	L/10'	3900	6825	9750	11800	3900	6825	10840	12790
Peak flow 45°C	L/10'	3325	5850	8350	10050	3325	5850	9235	10910
Peak flow 60°C	L/10'	2325	4075	5850	7075	2325	4075	6325	7500
Peak flow 40°C	L/60'	8150	14240	18500	20550	9725	15575	21740	23690
Peak flow 45°C	L/60'	6850	12055	15625	17340	8150	13125	18010	19680
Peak flow 60°C	L/60'	4225	7405	9750	10990	4950	7975	11065	12240
Continuous flow 40°C	Ltrs/h	5100	8900	10500	10500	7000	10500	13080	13080
Continuous flow 45°C	Ltrs/h	4250	7450	8750	8750	5800	8750	10530	10530
Continuous flow 60°C	Ltrs/h	2300	4000	4700	4700	3150	4700	5690	5690
Heating time (from 10 to 75°C)	Min	88	98	109	117	65	76	102	110
Primary flow	m^3/h	8	8	8	8	8	8	8	8

Primary input temperature 85°C

The MASTER INOX models can be fitted with electric heating elements:

- "RB/EB" STORAGE models":
  MAIN ELECTRIC HEATING and/or
  BACKUP ELECTRIC HEATING
- Models "SB/SSB" with COILS:
  BACKUP ELECTRIC HEATING



MASTER INOX threaded immersion heating elements , in INCOLOY, for electric heating:

Electric heating element model	KW	V	Thread	Integrated control	IP	length L*	MAIN HEATING and/or BACKUP HEATING	BACKUPHEATING
RA4/2-60H	6,0	230/400	2" M	-	40	797	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-90H	9,0	230/400	2"M	-	40	1115	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-120DH	12,0	230/400	2"M	-	40	680	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-120DHT	12,0	230/401	2"M	Regulation and safety thermostat*	65	680	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-125DHT	12,5	230/400	2"M	Regulation and safety thermostat*	65	680	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-150DH	15,0	230/400	2"M	-	40	820	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-150DHT	15,0	230/400	2"M	Regulation and safety thermostat*	65	820	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-250DH	25,0	230/400	2"M	-	40	1200	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB
RA4/2-250DHT	25,0	230/400	2"M	Regulation and safety thermostat*	65	1200	MXV1500-...6000-RB/EB	MXV1500-...6000-SB/SSB

(*) Regulation thermostat: o - 75ºC (adjusted to 60 ºC) / Safety thermostat: 90 ºC

HIGH ELECTRIC POWERS:

If high electric power storage tanks have to be installed, the electric heating elements can be grouped together in the ND400 manhole.
The "RB" models can be fitted with up to 8 immersion elements in the ND400 side manhole, to obtain a maximum power of 200 KW For the 2000, 3500, 5000 and 6000 litre models an optional second ND400 manhole can be included to group together up to 16 electric heating elements, for a maximum power of 400 KW.

SPECIAL MANUFACTURE:

The "SB" and "SSB" models can only incorporate electric heating elements in the ND400 manhole if it is moved to the top part of the storage tank, above the set of coils. In this case the electric heating would act as backup heating. As an option, the 2000, 3500, 5000 and 6000 litre models can also include a second ND400 manhole.

In all of the cases the system is supplied with a protective box for the set of heating elements in stainless steel, with a lid.

MXV "RB" Models with threaded immersion heating elements, in ND400 manhole

Tank models MXV "RB"	Number of heating elements on MH ND400	Number of heating elements on 2nd MH ND400 **(OPTIONAL)**
MXV1500RB	3, 4, 5, 6, 7 u 8	-
MXV2000RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV2500RB	3, 4, 5, 6, 7 u 8	-
MXV3000RB	3, 4, 5, 6, 7 u 8	-
MXV3500RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV4000RB	3, 4, 5, 6, 7 u 8	-
MXV5000RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV6000RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8

MXV "SB/SSB" models with threaded immersion heating elements, in ND400 (SPECIAL MANUFACTURE)

(ONLY BACKUP HEATING)
(OPTION 1) Manhole moved to top of tank.
(OPTION 2) Second manhole on top part of tank

Tank models MXV "SB/SSB"	Number of heating elements on MH ND400 **(OPTION 1)**	Number of heating elements on 2nd MH ND400 **(OPTION 2)**
MXV1500SB/SSB	3, 4, 5, 6, 7 u 8	-
MXV2000SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV2500SB/SSB	3, 4, 5, 6, 7 u 8	-
MXV3000SB/SSB	3, 4, 5, 6, 7 u 8	-
MXV3500SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV4000SB/SSB	3, 4, 5, 6, 7 u 8	-
MXV5000SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV6000SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8

MASTER INOX" sheathed CERAMIC HEATING ELEMENTS on stainless steel plate for ND400

ND400 stainless steel plate with sheaths for ceramic heating elements + no. of heating elements selected. NUMBER OF HEATING ELEMENTS per plate in ND400: 3, 4, 5, 6, 7 or 8

				optional application on models MXV	
Heating element model	KW	V	length L*	MAIN and/or BACKUP HEATING	BACKUP HEATING
RCER-45	4,5	230/400	800	MXV-1500-...6000-RB	MXV-2000/3500/5000/6000-SB/SSB
RCER-60	6,0	230/400	1000		

ELECTRIC HEATING WITH CERAMIC HEATING ELEMENTS. "DRY" SYSTEM

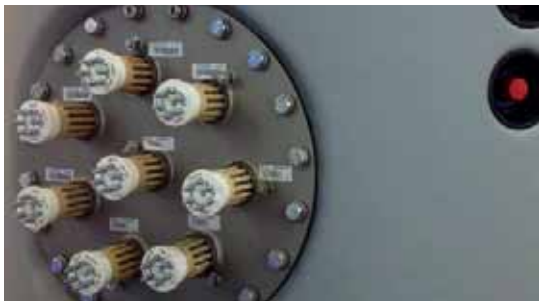
The "dry" system with ceramic electric heating elements means that there is no need to drain the storage tank when fitting/removing or replacing the heating elements.
This system consists of a ND400 stainless steel plate with blind sheaths in the same material that house the ceramic heating elements. With a maximum of 8 units per ND400 plate, this system provides a maximum of 48 KW of electric power.

SPECIAL MANUFACTURE: As an option, the storage tank can be equipped with a second ND400 manhole. In this case, maximum installable power would be 96 KW (only valid for 2000, 3500, 5000 and 6000 litre "RB" models).

In all of the cases the system is supplied with a protective box for the set of heating elements in stainless steel, with a lid.

MXV "RB" models with ceramic ELECTRIC HEATING ELEMENTS, in ND400 manhole

Tank models MXV "RB"	Number of heating elements on MH ND400	Number of heating elements on 2nd MH ND400 **(OPTIONAL)**
MXV1500RB	3, 4, 5, 6, 7 u 8	_
MXV2000RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV2500RB	3, 4, 5, 6, 7 u 8	_
MXV3000RB	3, 4, 5, 6, 7 u 8	_
MXV3500RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV4000RB	3, 4, 5, 6, 7 u 8	_
MXV5000RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV6000RB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8



MXV "SB/SSB" models with ceramic ELECTRIC HEATING ELEMENTS, in ND400 manhole

(ONLY BACKUP HEATING)
(OPTION 1) Manhole moved to top of tank.
(OPTION 2) Second manhole on top part of tank

Tank models MXV "SB/SSB"	Number of heating elements on MH ND400 **(OPTION 1)**	Number of heating elements on 2nd MH ND400 (**OPTION 2**)
MXV1500SB/SSB	3, 4, 5, 6, 7 u 8	_
MXV2000SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV2500SB/SSB	3, 4, 5, 6, 7 u 8	_
MXV3000SB/SSB	3, 4, 5, 6, 7 u 8	_
MXV3500SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV4000SB/SSB	3, 4, 5, 6, 7 u 8	_
MXV5000SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8
MXV6000SB/SSB	3, 4, 5, 6, 7 u 8	3, 4, 5, 6, 7 u 8

THERMAL INSULATION - MASTER INOX

The **"MASTER INOX"** series of tanks are thermally insulated at the factory by direct mould-injection with CFC and HCFC-free PU material.
This system guarantees a perfectly regular insulation thickness with optimum material density. The thicknesses indicated in the table refer to the circular tank body, but the insulation is much thicker on the top part (up to four times greater). Because the top part of the tank has better thermal protection, heat losses are much lower than those specified by the most stringent regulations, such as the DIN 4753/8 standard.

Rigid, mould-injected PU insulating material.

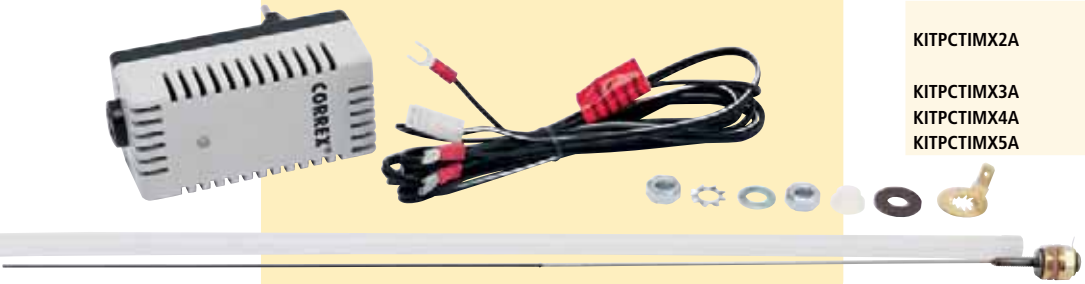
- *Minimal heat loss!*
- *For hot and cold water!*
- *No condensation on tank body!*
- *Compact block, no joints!*

TABLE OF THERMAL INSULATION: MASTER INOX SERIES

Serie	Type	Model	Thermal insulation k= 0.025 W/m ºK	Insulation thickness PU (mm.)	Static heat losses EN 12897 (W)	ErP (EU 812/2013)	Minimum thickness of equivalent insulation with other insulating materials (mm)		
							Flexible polyurethane foam* k= 0,040 W/m ºK	Rockwool* k= 0,034 - 0,042 W/m ºK	Fiberglass* k= 0,035 - 0,046 W/m ºK
MASTER INOX	COIL / STORAGE	**MXV-1500-RB/SB/SSB**	PU	80	154	C	130	110 - 140	115 - 155
MASTER INOX		**MXV-2000-RB/SB/SSB/S2B/SS2B**	PU	80	174	C	130	110 - 140	115 - 155
MASTER INOX		**MXV-2500-RB/SB/SSB**	PU	80	194	C	130	110 - 140	115 - 155
MASTER INOX		**MXV-3000-RB/SB/SSB**	PU	80	215	C	130	110 - 140	115 - 155
MASTER INOX		**MXV-3500-RB/SB/SSB/S2B/SS2B**	PU	80	232	C	130	110 - 140	115 - 155
MASTER INOX		**MXV-4000-RB/SB/SSB**	PU	80	245	C	130	110 - 140	115 - 155
MASTER INOX		**MXV-5000-RB/SB/SSB/S2B/SS2B**	PU	80	266	C	130	110 - 140	115 - 155
MASTER INOX		**MXV-6000-RB/SB/SSB/S2B/SS2B**	PU	80	280	C	130	110 - 140	115 - 155

(*) Detachable systems can lose up to 25% of the insulating capacity overall, so that in that case the insulation thickness will increased proportionally

The "MASTER INOX" series do not require cathodic protection in normal conditions of use with drinking water (European Directive 98/83/CE).
However, depending on the installation site, drinking water conditions may differ greatly from the drinking water requirements established by current regulations. In this case, and taking as the reference a 150 mg/l chloride content limit, we recommend fitting a permanent, maintenance-free **"lapesa correx-up"** cathodic protection system in the storage tank.



"lapesa correx-up" permanent cathodic protection system:

Totally automatic!

Maintenance free!

KIT C.P. lapesa correx-up	Applicable to MASTER INOX tanks models:
KITPCTIMX2A	MXV1500RB...3000RB MXV1500SB/SSB/EB MXV3000RB...5000RB
KITPCTIMX3A	MXV2000SB/SSB/EB..2500SB/SSB/EB
KITPCTIMX4A	MXV3000SB/SSB/EB...4000SB/SSB/EB
KITPCTIMX5A	MXV5000SB/SSB/EB

"lapesa correx-up" permanent cathodic protection system: Maintenance-free permanent cathodic protection unit. These anodes do not wear out and they emit the necessary electric current automatically, providing the tank with cathodic protection via an individual potentiostat for each anode, connected to the mains electricity.

ACCESSORIES - MASTER INOX

EXTERNAL LINING

External lining for "MASTER INOX" tanks with top cover, ND400 side manhole cover and trims for hydraulic connections. Standard external lining: GREY / RAL 7042.

Capacity (l)	Standard (KIT reference)	Fireproof (KIT reference)	Weatherproof (KIT reference)
1500	**FME1500**	**FME1500**	**FME1500/EX**
2000	**FME2000**	**FME2000**	**FME2000/EX**
2500	**FME2500**	**FME2500**	**FME2500/EX**
3000	**FME3000**	**FME3000**	**FME3000/EX**
3500	**FME3500**	**FME3500**	**FME3500/EX**
4000	**FME4000**	**FME4000**	**FME4000/EX**
5000	**FME5000**	**FME5000**	**FME5000/EX**
6000	**FME6000**	**FME6000**	**FME6000/EX**

ALUNOX EXTERNAL LINING

External aluminium sheet lining. ALUNOX external lining is supplied ready-mounted on the tank, over the PU insulation.

Capacity (l)	Aluminium lining ALUNOX - Ref.
1500	**FME1500/ALUNOX-B**
2000	**FME2000/ALUNOX-B**
2500	**FME2500/ALUNOX-B**
3000	**FME3000/ALUNOX-B**
3500	**FME3500/ALUNOX-B**
4000	**FME4000/ALUNOX-B**
5000	**FME5000/ALUNOX-B**

ACCESSORIES - MASTER INOX

2"M THREADED ELECTRIC HEATING ELEMENT.

Low charge density, threaded, immersion electric element in Incoloy for **"MASTER INOX" STORAGE and COIL** tanks.
Characteristics and power range: page: 54 -ELECTRIC HEATING-

Electric element model	KW	V	Thread	Integrated control
RA4/2-60	6,0	230/400	2"M	-
RA4/2-90	9,0	230/400	2"M	-
RA4/2-120D	12,0	230/400	2"M	-
RA4/2-120DT	12,0	230/401	2"M	Regulation and safety thermostat
RA4/2-125DT	12,5	230/400	2"M	Regulation and safety thermostat
RA4/2-150D	15,0	230/400	2"M	_
RA4/2-150DT	15,0	230/400	2"M	Regulation and safety thermostat
RA4/2-250D	25,0	230/400	2"M	-
RA4/2-250DT	25,0	230/400	2"M	Regulation and safety thermostat

(*) Regulation thermostat 0 -75 °C (adjusted to 60 °C) / Safety thermostat 90 °C

CERAMIC ELECTRIC HEATING ELEMENT, STORAGE AND COIL MODELS.

Sheathed ceramic electric heating element for "MASTER INOX" STORAGE AND COIL tanks, "RB" models in ND400
Characteristics and power range: page: 54 -ELECTRIC HEATING-

Heating element	KW	V
RCER-45	4,5	230/400
RCER-60	6,0	230/400

ND 400 PLATES FOR INSTALLATION OF ELECTRIC HEATING ELEMENTS ON ND400 SIDE MANHOLE.

ND 400 plate and protective hood in stainless steel, with 2" threaded connections to install immersion electric heating elements in ND400 side manhole.

ND400 plate set
TBH2CONEX
TBH4CONEX
TBH5CONEX
TBH6CONEX
TBH7CONEX
TBH8CONEX

(*) Heating elements not included

ND 400 PLATES FOR INSTALLATION OF CERAMIC ELECTRIC HEATING ELEMENTS IN ND400 SIDE MANHOLE.

ND 400 plate and protective hood in stainless steel, for the installation of sheathed ceramic electrical heating elements ("dry" system) in ND400 side manhole.

ND400 plate set
TBH2VAINAS
TBH4VAINAS
TBH5VAINAS
TBH6VAINAS
TBH7VAINAS
TBH8VAINAS

(*) Heating elements not included

DUAL CONTROL AND SAFETY THERMOSTAT

Dual control 0-75º (set at 60ºC) and safety 95ºC thermostat KIT, with 1/2" x 100 mm threaded sheath and 3/4"-1/2" reduction.

KIT
KIT MASTER double thermostat

0-120ºC THERMOMETER

KIT comprising 0-120ºC thermometer with 1/2 " x 100 mm threaded sheath and 3/4"-1/2" reduction

KIT
KIT MASTER thermometer

0-16 BAR PRESSURE GAUGE

KIT comprising 0-16 bar pressure gauge with 3/4"-1/2" reduction and 1/2"-1/4" reduction

KIT
KIT pressure gauge

P & T PRESSURE AND TEMPERATURE SAFETY VALVE

P & T pressure and temperature safety valve, 8 bar, 92ºC

KIT
3/4" P&T valve KIT
1 1/4" P&T valve KIT

PLATE EXCHANGERS

COMPACT PLATE EXCHANGERS	
Max. working temperature	135 / 155ºC(1)
Max working pressure	16 / 25 bar (2)
Applications	Fluid/Fluid
Chassis	AISI 316
Plates	AISI 316
Connections	AISI 316
Additional features	Thermal Insulation

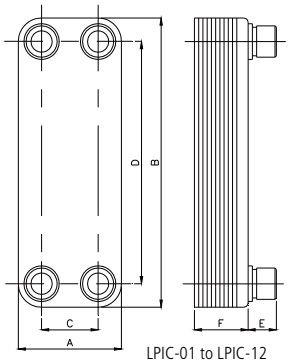
Ref.	Number of plates	Flow rate at 50ºC (l/h)	Power (kW)(3)	Pressure drop (meters H_2O)	A x B x F mm	E mm	C mm	D mm	Connections
LPIC-01	20	1.000	45	< 3	73 x 192 x 42,32	20,1	40	154	3/4"
LPIC-02	20	2.000	90	< 6	73 x 315 x 42,32	20,1	40	278	3/4"
LPIC-03	20	3.000	140	< 6	119 x 289 x 48,8	45	72	243	1"
LPIC-04	30	4.000	185	< 6	119 x 289 x 71,2	45	72	243	1"
LPIC-05	40	5.000	235	< 6	119 x 289 x 93,6	45	72	243	1"
LPIC-07	40	7.000	325	< 8	119 x 376 x 93,6	45	63	320	1-1/4"
LPIC-10	60	10.000	465	< 8	119 x 376 x 136,4	45	63	320	1-1/4"
LPIC-12	70	12.000	560	< 8	119 x 376 x 160,8	45	63	320	1-1/4"

(1) Maximum working temperature for LPIC-01 and LPIC-02 models 135ºC, for rest of models 155ºC

(2) Maximum working pressure for LPIC-01 and LPIC-02 models 16 bar, for rest of models 25 bar

(3) Power defined according to: Primary 90/60ºC and secondary 10/50ºC

Optional: Other pressures, temperatures or fluids



LPIC-01 to LPIC-12

DETTACHABLE PLATE EXCHANGERS	
Max. working temperature	110ºC
Max. working pressure	10 bar
Applications	Fluid/Fluid
Chassis	Carbon steel
Plates	AISI 316
Connections	AISI 316
Gaskets	EPDM
Additional features	Thermal Insulation Support leg (4)

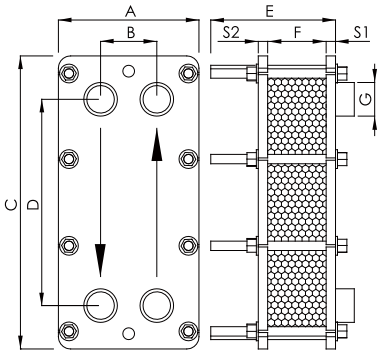
Ref.	Number of plates	Flow rate at 50ºC (l/h)	Power (kW)(3)	Pressure drop (meters H_2O)	A x C x F mm	E(max) mm	B mm	D mm	H mm	G mm
LPID-00	5	1.000	48	< 3	204 x 490 x 13,25	290	86	381	-	1-1/4"
LPID-01	7	1.300	60	< 3	204 x 490 x 18,55	290	86	381	-	1-1/4"
LPID-02	11	2.600	120	< 3	204 x 490 x 29,15	290	86	381	-	1-1/4"
LPID-03	13	3.200	148	< 3	204 x 490 x 34,45	290	86	381	-	1-1/4"
LPID-04	17	4.200	195	< 3	204 x 490 x 45,05	290	86	381	-	1-1/4"
LPID-05	21	5.200	240	< 3	204 x 490 x 55,65	290	86	381	-	1-1/4"
LPID-07	27	6.600	305	< 3	204 x 490 x 71,55	290	86	381	-	1-1/4"
LPID-10	37	8.600	400	< 3	204 x 490 x 98,05	290	86	381	-	1-1/4"
LPID-12	45	10.000	465	< 3	204 x 490 x 119,25	290	86	381	-	1-1/4"
LPID-21	23	15.700	725	< 3	312 x 963 x 80,5	960	140	690	185	2"
LPID-22	29	20.500	950	< 3	312 x 963 x 101,5	960	140	690	185	2"
LPID-23	35	25.000	1155	< 3	312 x 963 x 122,5	960	140	690	185	2"

(3) Power defined according to: Primary 90/60ºC and secondary 10/50ºC

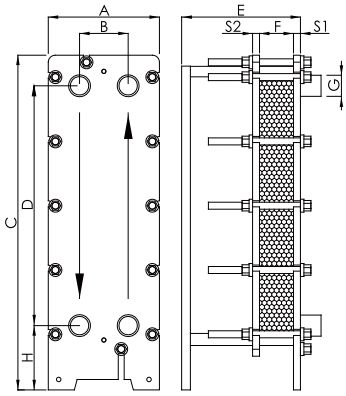
(4) For models LPID-00 to LPID-12

Optional: Other pressures, temperatures or fluids

Chassis and plates in AISI-304, AISI-316 or Titanium



LPID-00 to LPID-12



LPID-21 to LPID-23

DATA REQUIRED TO PROVIDE A QUOTE FOR A CUSTOM PLATE EXCHANGER

To provide a specific offer of the most suitable plate heat exchanger for each particular case, the following details on the primary and secondary circuits are required:

- Primary and secondary circuit flows
- Input/output temperatures of the primary and secondary circuits
- Physical properties of the liquids (if they are neither water nor steam), density and specific heat.
- Required working pressure
- Pressure drop

INDUSTRIAL CAPACITY DHW STORAGE TANKS 7000 to 12000 litres

lapesa *has a range of DHW storage tanks with capacities of more than 7000 litres for special installations and industrial applications, made in STAINLESS STEEL or COATED STEEL.*

lapesa has a range of DHW storage tanks with capacities of **more than 7000 litres** for special installations and industrial applications. DHW storage and production tanks made in **STAINLESS STEEL** or **COATED STEEL.**

This range of tanks can be fitted with our system of detachable stainless steel coils, adapting the heat exchange area to the installation's thermal power.

They are also designed to incorporate electric heating elements, both for back-up heating and as main heating. Our "dry" electric heating system with ceramic heating elements can be integrated in the ND400 side manhole, allowing the heating elements to be replaced without having to drain the storage tank.

The main options available for these storage tanks are **"lapesa correx-up"** permanent cathodic protection units or detachable insulation in 50 or 100 mm-thick glassfibre with PVC external lining (separate supply).

EQUIPMENT

WITH COILS:

MXV and **MV** models can be fitted with one or two sets of **lapesa** detachable stainless steel coils, up to 10 m^2 of exchange area per set, adapting to the thermal power of the external source and the requirements of the installation.

EQUIPMENT

WITH ELECTRIC HEATING ELEMENTS:

The ND400 side manhole can be fitted with low charge density Incoloy electric heating elements to achieve a maximum power of 200 Kw.
The equipment option with our "dry" system with ceramic heating elements allows to achieve a maximum power of 48 Kw.
As a special manufacturing option, this range of storage tanks can include a second ND400 side manhole to obtain up to 400 Kw with immersion heating elements and 96 Kw electric power with ceramic heating elements.

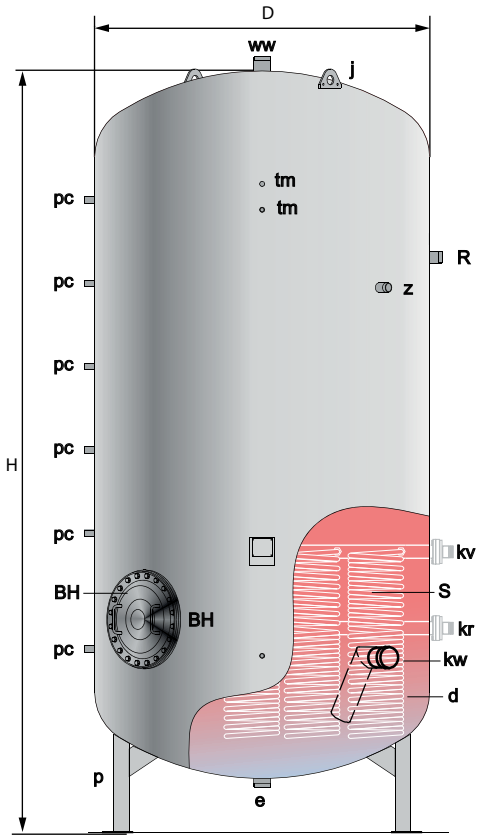
APPLICATIONS

INDUSTRIAL CAPACITY STORAGE TANKS 7000 to 12000 litres

- Industrial applications
- Food industry
- Textile industry
- Large storage volume facilities
- Centralized DHW facilities
- Energy management centres
- Specific projects

DHW TANKS: **STAINLESS STEEL**

- Capacity: **7000 to 12000 litres.**
- Material: **AISI 304 L or AISI 316 L stainless steel.**
- Working pressure: **8 bar** (optional: 10, 12 bar).
- Maximum working temperature: **90ºC.**
- **ND400** side manhole.
- Internal surface treatment: chemical pickling and passivation.
- Installation: vertical (horizontal as an option).
- OPTIONAL: **lapesa** detachable coils system for DHW production.
- OPTIONAL: "lapesa correx-up" permanent cathodic protection unit.
- OPTIONAL: immersion or ceramic electric heating elements.
- OPTIONAL: thermal insulation, flexible PVC external lining with 50 or 100 mm thick glass fibre, supplied separately.



BH - Manhole ND400
d - DHW tank
j - Lifting lugs
p - Support legs
S - Heating coils (OPTIONAL)

GENERAL CHARACTERISTICS		MXV-7000-RB	MXV-8000-RB	MXV-10000-RB	MXV-12000-RB
DHW capacity	l.	7000	8000	10000	12000
D: external diameter	mm.	1750	1750	1750	1750
H: overall height	mm.	3633	4058	4808	5808
kw: cold water inlet / drain	" GAS/M	3	3	3	3
ww: DHW outlet	" GAS/M	3	3	3	3
z: recirculation	" GAS/M	1 1/2	1 1/2	1 1/2	1 1/2
R: side connection	" GAS/F	2	2	2	2
pc: "lapesa correx up" connection	" GAS/M	3/4	3/4	3/4	3/4
tm: probe tube connection for sensors	" GAS/F	1/2	1/2	1/2	1/2
Empty weight (approx.)	Kg	677	757	887	1059
Side manhole	ND	ND400	ND400	ND400	ND400
COILS OPTION (heat exchange surface 10 M²)		MXV-7000-SB	MXV-8000-SB	MXV-10000-SB	MXV-12000-SB
kv: primary input	" GAS/M	2	2	2	2
kr: primary return	" GAS/M	2	2	2	2
Empty weight (approx.)	Kg	760	860	990	1162

INDUSTRIAL CAPACITY

STORAGE TANKS

lapesa Solutions

GENERAL TERMS AND SALES CONDITIONS

All offers and agreements shall be based exclusively on the following conditions; any other conditions by customers shall not be binding unless expressly agreed in writing.

GENERAL
Agreements shall only be binding if confirmed in writing by Lapesa.
The customer shall be responsible for the accuracy of the documentation that he provides, especially that of samples and drawings.
Data, drawings, representations and descriptions of performances that appear in our catalogues, price lists or documentation pertaining to the offer, give approximate values usual within the sector unless it is specifically indicated in the order confirmation that they are binding. Conditions specified by buyers in orders that are not in accordance with our general sales conditions or, if relevant with the special conditions for each product shall be deemed invalid unless they have been agreed to by us and express mention is made of them in the written order acceptance. Orders that have been accepted may not be cancelled by customers if said orders are special productions and the materials required to produce them have been acquired; nor may they be cancelled after 5 working days from our acceptance of the order or if the materials have been dispatched.

DELIVERY TIMES AND DELIVERY TERMS
Delivery times are considered to be approximate unless a firm date of delivery has been indicated. The delivery time shall be counted from the date on which the order confirmation is sent or the date on which the deposit payment, if required, is received and shall be considered to have been fulfilled when the merchandise leaves our factory or warehouse on the date agreed or when its availability for dispatch to the customer has been notified. In the event that the contract were to be subsequently modified by the customer in such a way that this were to affect the delivery date, it may be prolonged in a reasonably correlative way.
In the case of supplies for which prior notification must be given, these must be collected or their delivery authorised within a period of 15 days from our notification to the customer indicating that the material is available, otherwise the material will be incorporated into Lapesa's stocks and may be used as required by Lapesa. Lapesa shall inform customers of the conditions and the period in which the merchandise can be supplied.
Delays in delivery due to force majeure or deriving from extraordinary or unforeseen causes that cannot be avoided by Lapesa will not give rise to any type of penalty nor the cancellation by the customer of the order that has involuntarily been delayed.
The buyer may not reject partial supplies.
Delivery is carried out ex Lapesa works or ex Lapesa warehouse provided that no other agreement has been made and without any commitment regarding the most economical way of carrying out the delivery. Unloading operations are for the customer's account unless otherwise agreed.
In the event of supplies that are sent carriage forward the risks are transferred to the customer at the time that the merchandise is handed over to the person responsible for transporting it.

PRICE
The prices that are shown in our price list are ex-works or ex-warehouse, plus the corresponding value added tax in force at the time, delivery and packaging costs, if a different type of packaging to that usually provided is required.
The prices in the price tariffs may be modified by Lapesa at any time. Said modification shall affect all those orders pending delivery at the date of the modification. If the customer were not to accept the new price he shall be entitled to cancel the order within the 10 days following the notification of the price increase.
Any discount that is agreed presupposes on-time fulfilment of all obligations to us, including those deriving from other contracts.

PAYMENT TERMS
All invoices shall be paid at sight, upon delivery of the merchandise, unless the buyer has been allowed credit, in which case they shall be paid in the periods expressly indicated.
If a buyer is allowed credit payment shall be carried out by accepted domiciled letter of exchange, except in the case of special agreements.
If the date of payment is exceeded Lapesa shall add the corresponding interests to the unpaid amount as well as the com arising from non-payment or the bill return.
The first sales operations with a customer will always be at sight terms.
If after signing a contract, Lapesa were to come to know facts that imply a substantial worsening in the financial conditions of the customer and which could endanger its right to good consideration, Lapesa may suspend delivery of the goods unless the customer pays first.

GUARANTEE
Our products are guaranteed against all manufacturing defects for the period, and according to the conditions, expressly indicated for each product in its corresponding catalogue or guarantee, provided that they are used and installed in normal conditions, in accordance with the regulations in force or the specific installation and usage instructions issued by Lapesa.
Our guarantee only covers manufacturing defects, never operating or installation defects and thus replacement of material free of charge for the buyer will be carried out within the terms established in current legislation and the terms specified in the product guarantee.

OWNERSHIP
Lapesa reserves the right of ownership of the merchandise supplied up to the time that all of the obligations deriving from the commercial relationship have been fulfilled, including the obligations that may arise in the future from the same contract or from other contracts signed with the customer.

RETURNS
No returns are allowed without our prior consent.
If a return is authorised the merchandise shall be sent by the customer carriage paid to the factory or warehouse specified by Lapesa.
All costs of reception of materials, inspection and testing and repair if relevant shall be discounted from the amount to be paid into the customer's account, deducting an amount of no less than 10%.

CUSTOMER SERVICE
All claims and communications indicating the intention to return merchandise, other than those covered by the guarantee, must be notified to Lapesa's customer service department within 10 days from the data of delivery of the materials. Once Lapesa has decided on the admissibility or inadmissibility of such claims, it will proceed accordingly.

JURISDICTION
The place in which the contracting parties shall comply with their obligations will be Zaragoza.
The competent jurisdiction for all types of discrepancies arising from the contract or concerning its validity provided that this are licit shall be the local courts or tribunals of Zaragoza.
The law in force at the site of our registered offices shall be applicable.

MARKETS

EUROPA
ANDORRA
GERMANY
ARMENIA
AUSTRIA
BELGIUM
BULGARIA
FINLAND
FRANCE
HOLLAND
IRELAND
ITALY
NORWAY
POLAND
PORTUGAL
UNITED KINGDOM
RUSSIA
SLOVENIA
SPAIN
SWITZERLAND

AMERICA
ARGENTINA
BOLIVIA
CHILE
COLOMBIA
CUBA
DOMINICAN REP.
GUADALUPE ISLAND
MEXICO
PERU

AFRICA
ALGERIA
ANGOLA
BENIN
CAMEROON
CHAD
IVORY COAST
GABON
REUNION ISLAND
KENYA
MADAGASCAR
MOROCCO
MAURITANIA
NAMIBIA
NIGER
NIGERIA
SOUTHAFRICA
TANZANIA
TUNISIA

MIDDLE EAST
EMIRATES
JORDANIA
KUWAIT
LEBANON
OMAN
QATAR
SAUDI ARABIA

ASIA
BANGLADESH
MONGOLIA
SRI LANKA
VIETNAM

OCEANIA
AUSTRALIA
NEW ZELAND

SOUTH POLE
ANTARCTICA

HEAD OFFICE **Lapesa Grupo Empresarial**
Pol. Ind. Malpica - Calle A, Parcela 1-A 50016 ZARAGOZA (España)
Tel.: 976 465 180 / Fax: 976 574 393
e-mail: lapesa@lapesa.es * www.lapesa.com

lapesa Solutions

ICON LEGEND:


HEAT PUMP


SOLAR COLLECTORS


GAS/OIL-FIRED BOILER


SOLID FUEL BOILER


ELECTRIC HEATING ELEMENTS


SEVERAL COMBINED ENERGY SOURCES


REGULATION AND CONTROL


THERMAL INSULATION


CATHODIC PROTECTION


ACCESSORIES

lapesa catalog: INOX CACS-EN-0424-18

DHW lapesa Solutions

STAINLESS STEEL TANKS

lapesa

Lapesa Grupo Empresarial
Pol. Ind. Malpica - Calle A, Parcela 1-A
50016 ZARAGOZA (SPAIN)
Tel.: +34 976 465 180 / Fax: +34 976 574 393
e-mail: lapesa@lapesa.es * www.lapesa.com

CE

ISO 9001
BUREAU VERITAS
Certification