

DHW PRODUCTION AND STORAGE TANKS

TANK IN TANK, GEISER INOX SERIES

ENERGY SAVING SYSTEM / FAST RECOVERY.

Larger exchange surface.

High performance insulation: Rigid polyurethane foam CFC FREE 0.025 W/m °K (For example the GX400D.I only loses 0.25 °C per hour).

DOUBLE WALL AISI 316L STAINLESS STEEL DHW TANK provides twice the protection against chloride concentration than AISI 304L.

MAINTENANCE FREE / LONG LIFE SERVICE.

The heating element is placed in the unvented (primary) circuit avoiding damage risk due to lime incrustations or corrosion.

CONSTANT AXIAL MOVEMENT in the tank while functioning, removes any lime incrustations from the walls.

THE MOST EFFECTIVE "ANTILEGIONELLA" DHW PRODUCTION SYSTEM AVAILABLE.

Guarantees even temperature distribution and no cold zones where bacteria could develop.

STAINLESS STEEL

Technical characteristics		
Max. temperature DHW	°C	90
Max. temperature surrounding tank	°C	110
Max. pressure DHW tank	bar	8
Max. pressure surrounding tank	bar	3



TANK IN TANK DHW PRODUCTION AND STORAGE (GX series)

- Models: 100, 130, 200, 300, 400 and 600 litres.
- DHW tank in AISI316L chemically passivated and pickled.
- Outer tank in carbon steel.
- High performance insulation: Rigid polyurethane foam CFC FREE 0.025 W/m °K (For example the GX300D.I only loses 0.25 °C per hour).
- RAL9016 White jacket and RAL7021 grey jacket factory mounted.
- 2 inspection holes 1 top of the tank (DHW) and another side for the primary circuit.
- Wall installation (100, 130 and 200 litres) Vertical floor standing installation (100, 130, 200, 300, 400 and 600 litres).
- Optional permanent maintenance free titanium cathodic protection CORREX UP.
- Optional KP1 control panel: thermometer, safety and regulation thermostat, summer/winter switch and analogic programmer.

S Model

- With thermometer for DHW. Not possible to install a K or KP1 control panel.

D Model

- K control panel factory installed with thermometer, safety and regulation thermostat and the option of installing immersion heater, see chart below.

DEC Model

- K control panel factory installed with thermometer, safety and regulation thermostat and immersion heater factory installed, see chart below.

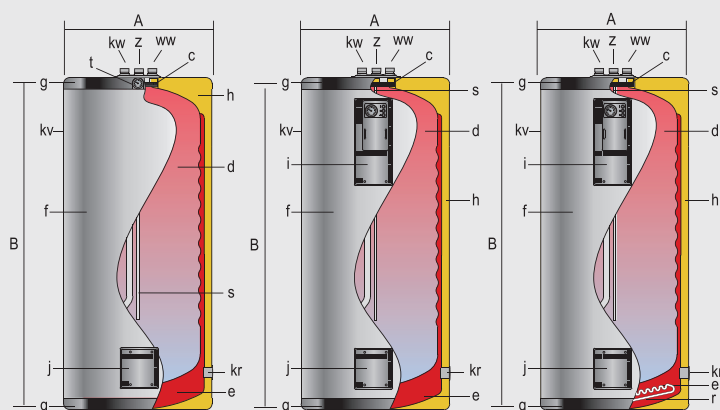
TS Model

S model variation to be installed horizontally on the floor or on top of the boiler. 180 and 300 litres available.

- Thermometer and regulation thermostat factory mounted. Immersion heater not available.

Electric heating

Electric heaters compatible	Setting	kW/V	PHASE	GX-100 D/DEC	GX-130 D/DEC	GX-200 D/DEC	GX-300 D/DEC	GX-400 D/DEC	GX-600 D/DEC
RC-15/15-D/II	Side access flange	1,5 / 230	Mono	X					
RC-16/22-D/II	Side access flange	2,2 / 230	Mono		X				
RC-17/22-D/II	Side access flange	2,2 / 230	Mono			X			
RC-18/25-D/II	Side access flange	2,5 / 230	Mono				X	X	
RC-08/45-D/II	Side access flange	4,5 / 230	Mono						X
RC-50-D	Side access flange	5 / 400	Tri						X
RC-75-D	Side access flange	7,5 / 400	Tri						X

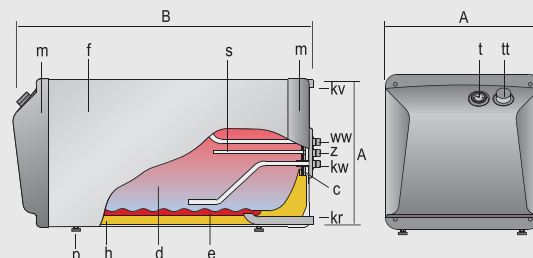


Mod. GX-...-S:
With thermometer, no control panel, optional electric heater.

Mod. GX-...-D:
With K control panel, optional electric heater.

Mod. GX-...-DEC:
With K control panel and electric heater.

c - Inspection port
d - DHW storage tank
e - Heating body
f - External lining
g - Cover
h - Thermal Insulation
i - Control panel
j - Lateral flange
m - Side covers
p - Levelling legs
r - Electric resistance
s - Sensor probe
t - Thermometer
tt - Thermostat



Mod. GX-...-TS:
Horizontal, with thermometer and regulation thermostat, electric heater not available.

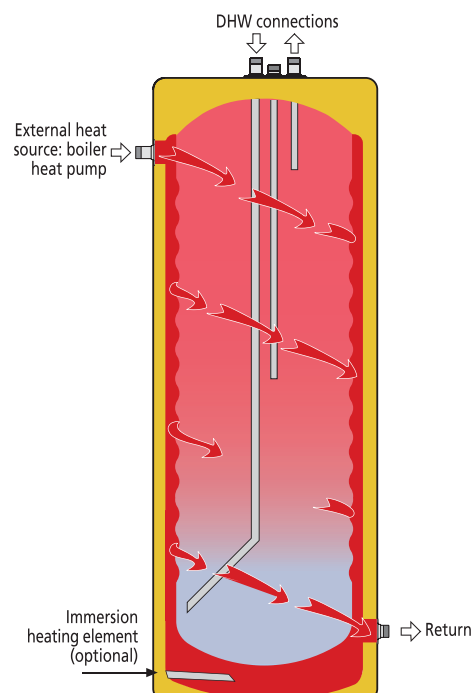
Characteristics / Connections / Dimensions		GX-100 S/D/DEC	GX-130 S/D/DEC	GX-200 S/D/DEC	GX-300 S/D/DEC	GX-400 S/D/DEC	GX-600 S/D/DEC	GX-180 TS	GX-250 TS
Total capacity	l.	88	130	191	256	365	608	175	233
DHW capacity	l.	60	100	150	200	300	500	150	200
Primary tank volume	l.	22	30	41	56	65	108	25	33
Exchange surface	m ²	0,8	1,2	1,2	1,6	2,4	3,0	1,2	1,6
Heat loss	Wh/24h.l.K	0.35	0.28	0.24	0.17	0.15	0.11	-	-
Empty weight	Kg.	35	51	64	78	106	151	66	85
kw: Cold water inlet	"GAS/M	3/4	3/4	3/4	3/4	3/4	1-1/4	3/4	3/4
ww: DHW outlet	"GAS/M	3/4	3/4	3/4	3/4	3/4	1-1/4	3/4	3/4
z: Recirculation	"GAS/M	3/4	3/4	3/4	3/4	3/4	1-1/4	3/4	3/4
kv: Boiler flow	"GAS/F	1	1	1	1	1	1-1/2	1	1
kr: Boiler return	"GAS/F	1	1	1	1	1	1-1/2	1	1
A External diameter	mm.	480	480	620	620	620	770	630	630
B Total length	mm.	750	1155	985	1240	1725	1730	1000	1255
Heating power/ primary flow*	kW - m ³ /h	18 - 2	32 - 2	35 - 3	48 - 3	68 - 5	82 - 5	32-3	38-3

(*) Secondary circuit temperature: 10-45°C / Incoming temperature primary circuit: 90°C. Extra information – See page 42.

TANK IN TANK

AISI 316L STAINLESS STEEL DHW tank totally immersed in a primary steel chamber which contains the primary circuit fluid and directly connected to the external heat source: Boiler, heat pump...

- Larger exchange surface.
- Faster recovery time.
- Long life service and maintenance free.
- Constant axial fluid movement while functioning and specially designed inner tank avoids any scale and removes any possible deposits.
- Electric element placed in a oxygen free chamber avoiding any risk of breakage due to corrosion or deposits.
- The most effective no cold zones and antilegionella system known.



DHW PRODUCTION AND STORAGE TANKS

TANK IN TANK, GEISER INOX GX-D·I1-D·I2



STAINLESS STEEL

ENERGY SAVING SYSTEM / FAST RECOVERY.

Larger exchange surface.

High performance insulation: Rigid polyurethane foam CFC FREE 0.025 W/m °K (For example the GX300D.I only loses 0.25 °C per hour).

DOUBLE WALL AISI 316L STAINLESS STEEL DHW TANK provides twice the protection against chloride concentration than AISI 304L.

MAINTENANCE FREE / LONG LIFE SERVICE.

The heating element is placed in the unvented (primary) circuit avoiding damage risk due to lime incrustations or corrosion.

CONSTANT AXIAL MOVEMENT in the tank while functioning, removes any lime incrustations from the walls.

THE MOST EFFECTIVE "ANTILEGIONELLA" DHW PRODUCTION SYSTEM AVAILABLE.

Guarantees even temperature distribution and no cold zones where bacteria could develop.

Technical characteristics		
Max. temperature DHW	°C	90
Max. temperature surrounding tank	°C	110
Max. pressure DHW tank	bar	8
Max. pressure surrounding tank	bar	3



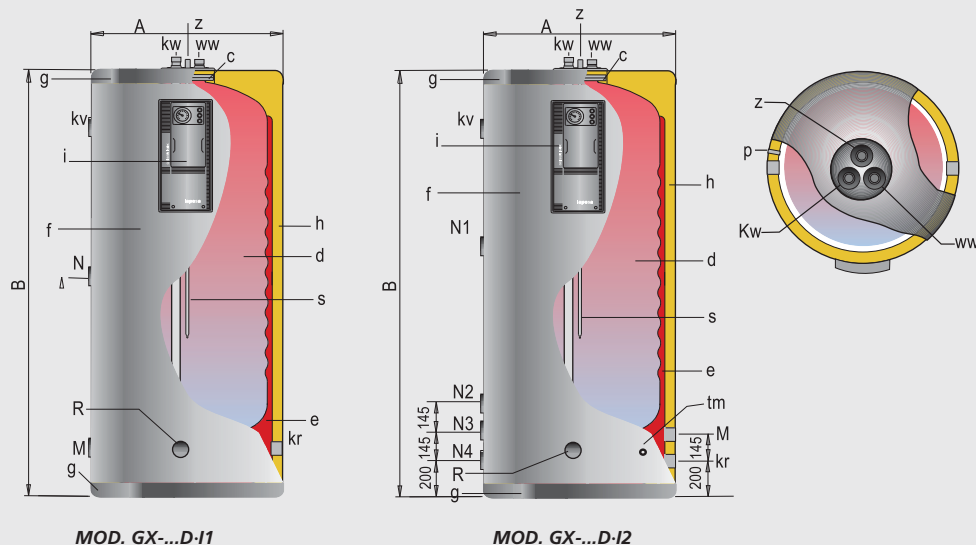
GX SERIES STAINLESS STEEL "DOUBLE WALL" TANKS. Models GX- 130...600 D-I1

- Total Storage capacity: 130, 210, 260, 300, 400, 600 litres.
- Standard 2" threaded electric immersion heater to be placed on the primary circuit.
- Control panel: Complete with thermometer and safety and regulation thermostat.
- High performance thermal insulation: Rigid, mould injected PU polyurethane foam, 45 kg/m³ density. CFC and HCFC free.
- External Finish: Padded lining in white RAL 9016 and covers in PP grey colour RAL 7021.

GX SERIES STAINLESS STEEL "DOUBLE WALL" TANKS. Models GX- 210...300 DI-2

- Total Storage capacity: 210, 260, 300 litres.
- Standard 2" threaded electric immersion heater to be placed on the primary circuit.
- Control panel: Complete with thermometer and safety and regulation thermostat.
- High performance thermal insulation: Rigid, mould injected PU polyurethane foam, 45 kg/m³ density. CFC and HCFC free.
- External Finish: Padded lining in white RAL 9016 and covers in PP grey colour RAL 7021.
- Extra connections for heat pump application.

Tanks are supplied with the control panel installed and tested, with reinforced cardboard packaging and independent, non returnable pallet.



c- Inspection port
d- DHW storage tank
e- Heating circuit
f- External lining
g- Top and bottom covers
h- Thermal Insulation
i- Control panel
p- Drain valve 1/8" GASIF (supplied)
s- Sensor probe

Characteristics / Connections / Dimensions		GX130 D-11	GX210 D-11	GX260 D-11	GX300 D-11	GX400 D-11	GX600 D-11	GX210 D-12	GX260 D-12	GX300 D-12
DHW capacity	litres	85	132	180	200	264	434	132	180	200
Primary circuit	litres	42	75	75	90	80	139	75	75	90
Total capacity	litres	127	207	255	290	344	573	207	255	290
Exchange surface	M2	1,0	1,3	1,8	2,0	2,2	2,8	1,3	1,8	2,0
Empty weight	Kg	50	67	90	97	105	150	67	90	97
A External diameter	mm	480	560	560	560	620	770	560	560	560
B Total length	mm	1155	1515	1820	2050	1725	1730	1515	1820	2050

TANK IN TANK

AISI 316L STAINLESS STEEL DHW tank totally immersed in a primary steel chamber which contains the primary circuit fluid and directly connected to the external heat source: Boiler, heat pump...

- Larger exchange surface.
- Faster recovery time.
- Long life service and maintenance free.
- Constant axial fluid movement while functioning and specially designed inner tank avoids any scale and removes any possible deposits.
- Electric element placed in a oxygen free chamber avoiding any risk of breakage due to corrosion or deposits.
- The most effective no cold zones and antilegionella system known.

