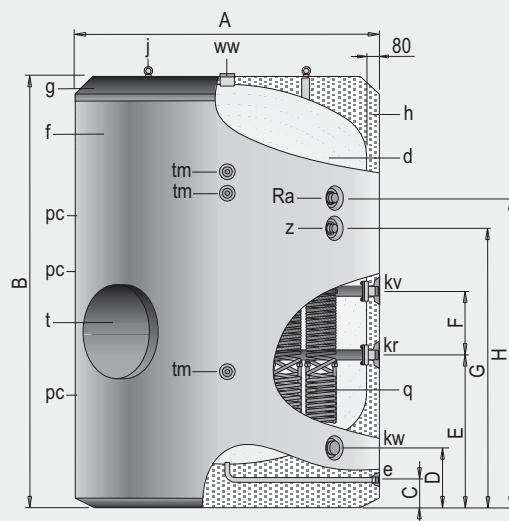


With coil and DN400 manhole (SSB models with high surface coil)

- d - DHW storage tank
- f - External lining (optional)
- g - Top cover (optional)
- h - Thermal insulation
- j - Removable eyebolt for transport
- q - Removable coils
- t - DN400 inspection port



Description

Large capacity tanks for production and storage of domestic hot water. Made in stainless steel chemically pickled and passivated after assembly, with capacities ranging from 1,500 to 5,000 litres.

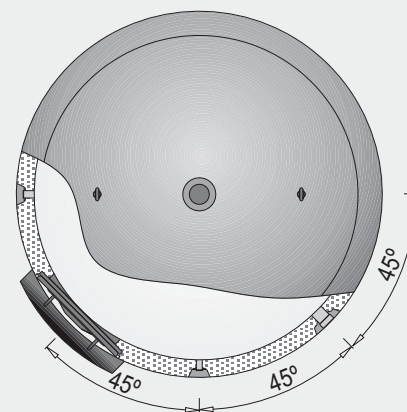
They include a stainless steel removable coil system for DHW production, by means of an external heat source such as a boiler circuit or solar panels. The MXV-...-SSB models, with an increased heat exchange surface specifically for heating through solar panels. (see table).

Thermally insulated with rigid, mould-injected, 45 Kg/m3 density CFC-free polyurethane foam.

Tanks prepared for an easy manipulation and transport, without the need of a wooden pallet.

All of the models have connections to fit electric heating elements as a backup system.

As an option they can be fitted with the "Lapesa Correx-up INOX" permanent cathodic protection system that is specifically for stainless steel tanks, in those cases in which the water is particularly aggressive or with chloride content of higher than 150 mg/l.



Technical characteristics / Connections / Dimensions		MXV1500 SB/ SSB	MXV2000 SB/ SSB	MXV2500 SB/ SSB	MXV3000 SB/ SSB	MXV3500 SB/ SSB	MXV4000 SB/ SSB	MXV5000 SB/ SSB
DHW capacity	l	1500	2000	2500	3000	3500	4000	5000
Maximum temperature in continuous operation of DHW tank	°C	90	90	90	90	90	90	90
Maximum pressure of DHW tank (*)	bar	8	8	8	8	8	8	8
Maximum temperature of heating circuit (**)	°C	120	120	120	120	120	120	120
Maximum pressure of heating circuit	bar	25	25	25	25	25	25	25
Number of coils -SB /-SSB	units	4/6	4/6	6/8	6/10	7/10	8/10	10/12
Coils capacities -SB /-SSB	l	12.7 /18.9	15.1 /22.5	18.9 /30.2	22.7 /37.6	26.6 /37.6	30.2 /37.6	37.6 /45.0
Exchange surface -SB /-SSB	m ²	2.8 /4.2	3.4 /5.0	4.2 /6.7	5.0 /8.4	5.9 /8.4	6.7 /8.4	8.4 /10.0
Approx. empty weight -SB /-SSB	kg	300 /315	345 /360	485 /515	525 /550	570 /585	655 /670	735 /750
kw: cold water inlet	"GAS/M	2	2	3	3	3	3	3
e: drain	"GAS/M	1	1	1	1	1	1	1
ww: hot water outlet	"GAS/M	2	2	3	3	3	3	3
z: recirculation	"GAS/M	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2
kv: advance boiler	"GAS/M	2	2	2	2	2	2	2
kr: return boiler	"GAS/M	2	2	2	2	2	2	2
Ra: backup electric heating element connection	"GAS/M	2	2	2	2	2	2	2
tm: side sensors connection	"GAS/F	1/2	1/2	1/2	1/2	1/2	1/2	1/2
pc: cathodic protection connection	"GAS/F	3/4	3/4	3/4	3/4	3/4	3/4	3/4
number of cathodic protection connections	units	2	3	3	4	4	4	5
Dimension A: external diameter	mm	1360	1360	1660	1660	1660	1910	1910
Dimension B: total length	mm	1830	2280	2015	2305	2580	2310	2710
Dimension C:	mm	175	175	175	175	175	175	175
Dimension D:	mm	315	315	350	350	350	375	375
Dimension E:	mm	825	825	910	910	910	960	960
Dimension F:	mm	250	400	400	400	400	400	400
Dimension G:	mm	1020	1470	1120	1410	1695	1355	1760
Dimension H:	mm	1210	1660	1310	1600	1885	1545	1950

(*) For other pressures, please consult us.

(**) Standard temperature. For other temperatures, please consult us.