

Horizontal above ground tanks

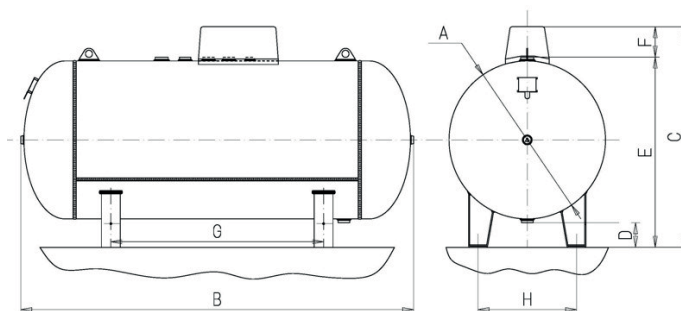
The tanks for the LPG storage are produced at the A. Merloni plants of Matelica (Mc) Italy, in accordance with the European Directive 2014/68 / EU (PED) according to the Harmonized Standards EN 12542: 2020 and 13445: 2021. Operating temperature $-40^{\circ} + 50^{\circ} \text{ C}$.

For optimal protection from the aggression of climatic agents, after careful cleaning of the surface with SA2.5 grade sandblasting, the Above Ground tanks are protected by a two-component epoxy galvanizing bottom and subsequent finishing with white epoxy polyurethane paint for a minimum total thickness of 120Qm.

If the housing is not optimal, or to avoid possible damage to the coating during handling, a customized accessory called "marsupio" is available that wraps the entire surface of the tank providing additional protection.

The protection of the surface of the tank from the corrosive action of the chemical-physical components typical of the installation site, is guaranteed by a Cathodic Protection system made with a layer of epoxy paint $> 500 \text{ Qm}$ (Passive Protection) associated with magnesium anodes (Active Protection).

In this way, an electrochemical protection system is created, customized in such a way as to protect the body under pressure from corrosion for years.



Technical information

Horizontal Above Ground									
Capacity lt.	A mm Ø	B mm	C mm h.	D mm	E mm	F mm	G mm	H mm	Weight Kg
1.000	800	2.240	1.325	276	1.134	191	1.200	450	254
1.750	1.000	2.506	1.395	146	1.204	191	1.360	630	410
2.500	1.200	2.545	1.600	146	1.404	196	1.250	675	582
2.750	1.200	2.775	1.600	146	1.404	196	1.400	675	630
5.000	1.200	4.790	1.620	166	1.424	196	3.200	675	1.040
10.000	1.700	4.910	2.074	126	1.850	224	2.850	1.010	2.500
12.500	1.700	5.910	2.074	126	1.850	224	3.350	1.010	2.900

Horizontal Flow rate Kg/ h*					
Capacity lt	Up to 3 h	Up to 4 h	Up to 8 h	> 8 h	Kcal/day
1.000	4		3		350.000
1.750	6		5		500.000
2.500	9		6		730.000
2.750	10		7		800.000
5.000	13		9		1.000.000
10.000 min**		60	45	35	
10.000 max***		105	80	55	
12.500 min**		75	55	45	
12.500 max***		120	90	65	