

Vertical underground tanks (Epoxy)

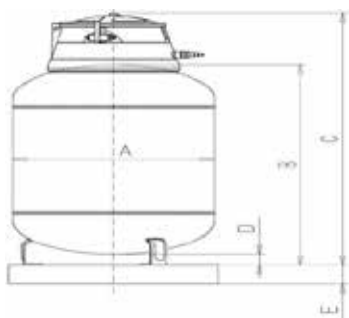
The tanks for the LPG storage are produced at the A. Merloni plants of Matelica (Mc) Italy, in accordance with the European Directive 2014/68 / EU (PED) according to the Harmonized Standards EN 12542: 2020 and 13445: 2021. Operating temperature $-40^{\circ} + 50^{\circ} \text{ C}$.

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

Vertical Under Ground									
Capacity lt.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight Kg
500	800	1.306	1.685	74	150				458
1.000	1.000	1.565	1.958	80	150				562
1.650	1.200	1.783	2.181	42	150				806
2.250	1.200	2.323	2.721	42	150				915

Vertical Under Ground Flow Rate Kg/h*						
	Up to 2 h	Up to 4 h	Up to 6 h	Up to 8 h	> 8 h	Kcal/day
500	5,3	3,8	3,4	2,6		330.000
1.000	8,1	5,8	5,1	4,0		500.000
1.650	10,2	7,5	5,7	5,1		850.000
2.250	11,0	7,8	5,9	5,3		900.000



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