



# AVIO 5000L TANK COMPLETE WITH ACCESSORIES

## Product description:

### 5000L AVIO TANK COMPLETE WITH ACCESSORIES

Horizontal axis cylindrical single-wall TANK made entirely of carbon steel S235JR + treated with a product suitable for contact with AVIO with dished ends.

The tank is complete with:

Flowered stainless steel cabinet, with key lock, containing:

- Gasoline pump model EX100 ATEX certified nominal flow rate 100 lt/min: it respects the principles in force to avoid explosions outside or inside the pump, because of possible elements that can sometimes trigger the fluid during transfer, or even the surrounding atmosphere EX100 is safe, reliable over time is specific for transfer in potentially dangerous environments.
- Liter counters K140 ATEX: The product K140 ATEX is a mechanical liter counter suitable for monitoring diesel, gasoline and kerosene diesel, in environments with high risk of explosion, mechanical type with a 3-digit partial indicator.

Stainless steel Atex hose reel equipped with end-of-stroke buffer, swivel joint with gaskets and spring return, prepared for the installation of 20 mt. of hose.

20 mt. K2-C DN 25 rubber hose (certified for AVIO fuels) for refuelling operations of all Avio and JET-A1 fuels and all hydrocarbons with aromatic compounds up to 50%. Light and flexible, it is indicated to be wound on reels and rewinders, not indicated for suction. K2-C is realized with 4 textile reinforcements without metallic filaments. The entire length is embossed with all data according to EN 1361, API 1529, BS 3158, NFPA 407, AS 2683, and German Military VG 95955. The fluorescent helical strip ensures visibility even in night conditions.

Each single piece comes with its own marked serial number and test certificate

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## TECHNICAL FEATURES

Capacity: 5000 Liters

Diameter: 1430 mm

Length: 3030 mm

Tank thickness: 5mm

Standard accessories:

A AVIO ZVA 25 Slimline gun, complete with grounding cable, 100msh filter, drop safe rubber cap.

AQUACON VF609 coalescing filter separator type for AVIO fuel - with cartridge level indicator and visual specula.

Saturator assembly with intermediate flame-breaker, complete with whirlpool, and pressure relief valve, this equipment places the atmosphere inside the tank, in slight overpressure (0.2 bar), and raises the stoichiometric ratio of the air-fuel mixture, so as to make it immune to triggers, considerably increasing the intrinsic safety of the tank, while reducing at the same time the air pollution due to evaporation that a normal vent would cause, the closed cycle allows the refueling tanker to recover all the fuel vapors that would be created during refueling operations.

Static earthing cable for refuelling in dangerous areas:

Static earthing reel Hannay series, compact dimensions, rewinding device and cable length 20 mt. This elastic winding system is used in all flammable situations where static electricity can cause a spark and an explosion. This ground roll connects aircraft, refueling equipment and other apparatus to the ground during refueling operations. A spring to manually rewind the cable makes operations easy and requires very little effort to release. Each model is equipped with a guide to prevent the wire from rolling up during rewinding operations. The cable can be hooked into any position in a 270° arc. The reel is equipped with a 7x19 1/8" galvanized cable with a 100 amp clamp on the end. This system is an economical solution for light duty use.

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### Product features:

Fluid type: Diesel

Diameter (Ø): 1430 mm

Tank capacity (L): 5000

Length (mm): 3030

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Oil fuel transfer pump: Optional