



## AVIO 9000L TANK COMPLETE WITH ACCESSORIES

Reference: AVIO 9000L

### AVIO TANK 9000L COMPLETE WITH ACCESSORIES

Horizontal axis 9000l cylindrical single-wall TANK made entirely of carbon steel S235JR + treatment with product suitable for contact with AVIO with bombed bottoms.

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: respects the principles in force to avoid explosions outside or inside the pump, due to 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.

- **K140 ATEX flowmeter**: The K140 ATEX product is a mechanical flowmeter suitable for monitoring diesel, gasoline and kerosene diesel fuel, in environments with a 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. rubber hose K2-C DN 25** (certified for AVIO fuels) for refuelling operations of all Avio and JET-A1 fuels and all hydrocarbons with aromatics 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 whole length is embossed with all the data according to EN 1361, API 1529, BS 3158, NFPA 407, AS 2683, and according to German Military VG 95955.

The fluorescent helical stripe guarantees the visibility also in night operation conditions.

### TECHNICAL FEATURES AVIO TANK 9000L

Capacity: 9000 Liters

Diameter: 1900 mm

Length: 3430 mm

Tank thickness: 6mm

Standard accessories:

**Gun AVIO ZVA 25 Slimline for AVIO tank**, complete with grounding cable, 100msh filter, rubber cap to save drop.

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

**Saturator assembly with intermediate rompi-flame**, 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.

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**Technical Sheet**

Fluid type	Diesel
Diameter (Ø)	1900 mm
Tank capacity (L)	5000
Length (mm)	3430
Oil fuel transfer pump	Optional