

Diesel fuel purification plants DEPURGAS AT19910 series



- Compact compared to its capacity
- High performance
- Low level of leaks
- Long-lasting filter (cartridge)
- Easy to install
- Simple maintenance

PATENT
PENDING

Note: image is for illustration purposes only. Standard graphics are available on request.

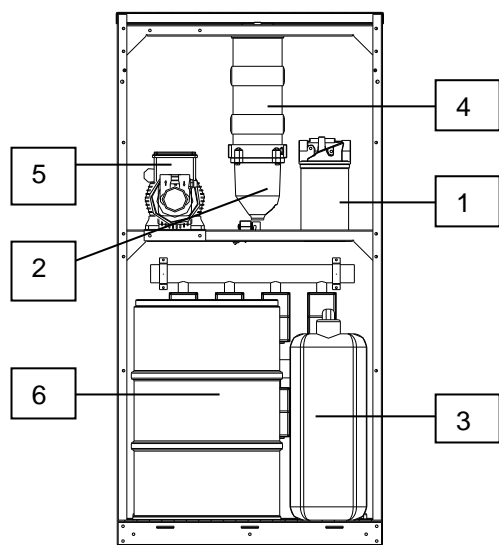
The water that accumulates in the diesel fuel tanks gives rise to the growth of anaerobic bacteria as they live and proliferate in the absence of air. These microorganisms determine the formation of biomasses, which are the product of metabolic products that can be seen as sludge that is deposited on the bottom of the tanks.

The equipment carrying the code AT19910 sucks up the water and the algae from the bottom of the tanks, where it deposits as it is heavier than the diesel fuel, it filters them and separates the water, thus limiting the formation of biomasses, the main cause of blockages in the nozzles and the vehicles.

Technical specifications

• Electronic power supply	230 VCA 100 VA
• Recirculation pump power supply	380 VCA 750 W
• Filtering capacity	300÷1100 l/h
• Heater	300 W (optional)
• Filtration rate	30 µm (depending on filter installed)
• Operating temperature	-10°C ÷ +50°C (-25°C WITH HEATER)
• Water collection tank capacity	25 LITRES (ONLY IN THE MODULAR VERSION)
• Additive tank space	NR 2 6-LITRE TANKS / NR 1 60-LITRE DRUM
• Measurements	615X300H1304 mm (version with 1 product tank) 690X650H1405 mm (version with 4 product tanks)
• Marking	ATEX II 3G

Operating principle



CPTA04611

Filtration

A tube on the bottom of the tank sucks up the stored product. The primary filter 80 µm (1) removes any sludge. A second filter (2) separates water using a built-in centrifuge, and discharges it into a tank (3) or directly into a purification plant. A 30 µm filtration cartridge (code AT23110) (4) removes further traces of particles present. Finally, the product is returned to the tank using the pump (5).

Prevention

It is possible to add an automatic dosing pump that adds the bactericide (6) code AT051 for the prevention of any bacterial proliferation caused by polluted products.

Decontamination

The equipment prevent the birth of microorganisms. A curative treatment with the bactericide code AT051 is required for tanks that are already contaminated.



AT19910* Non-modular version for a diesel fuel tank without additive tank

AT19910* Version with up to 4 product tanks and with additive tank

Codes

AT19910	/CAPACITY	/TANK	/VERSION	/HEATING	/INSTALLATION
	/0300: 300 l/h /0700: 700 l/h	S: 1 tank (non-modular) 1: 1 tank 2: 2 tanks 3: 3 tanks 4: 4 tanks	/S: standard /A: with additive applicator /D: with double additive applicator /F: FBO standard /B: FBO with additive applicator	/N: without heater /R: with heater	/F: fixed /M: mobile

Specifications subject to change without prior notice