



FEATURES

- Eliminates the need for annual recertification
- Reduces downtime with planned, flexible maintenance options
- Delivers high quality, accuracy, precision, and fuel safety
- Operates for 12 months from initial power-up

BENEFITS

- Improves GSE downtime
- Saves costs by reducing capital expenditure and minimizing downtime
- Prevents unexpected failures and enables proactive scheduling
- Ensures reliability and safety with high-quality performance metrics

COMPARISON

Feature	AFGUARD®	AFGUARD® XII
Lifespan	10 years	12 months
Activation	N/A	Internal clock starts upon first use/installation
Initial cost	Higher (CapEx purchase)	Lower ((OpEx) Annual purchase)
Recertification	Required annually (device removed and sent off-site)	Not required
Usage	Sensor re-used post-recertification	Sensor discarded at end of life

APPLICATION AREAS

It is mandatory to use the AFGUARD® Electronic Water Sensor in conjunction with EI 1599 Dirt Defence filter elements, while for all other filtration technologies throughout the fuel journey, its use is optional but highly recommended to verify filter performance.



Refinery



Terminal Storage



Airport Fuel Depot



Airport Hydrant System



General / Business Aviation / Helicopter Aviation



Commercial / Military Aviation



Refueller



Hydrant Dispenser



Hydrant Cart



Filter Water Separator



Single Stage Element Filter

TECHNICAL DETAILS

- Measurement range: 0 – 50 ppm
- Accuracy: +/- 3 ppm
- 4 to 20 mA
- 16 – 30 V DC
- Protection class: IP 67
- Operating temperature range: -30 to + 60 ° C (-22 ° F to 140 ° F)
- Storage temperature range: -30 ° C to + 70 ° C (-22 ° F to 158 ° F)
- Energy consumption: Max. 750 mW
- Maximum operating pressure: 16 bar
- Hazardous area approved, e.g. ATEX, IECEx

WORLDWIDE

It is mandatory to use the AFGUARD® Electronic Water Sensor in conjunction with EI 1599 Dirt Defence filter elements, while for all other filtration technologies throughout the fuel journey, its use is optional but highly recommended to verify filter performance.