

Potable Water Supply System - FONTUS

'One-pit-stop' quality water supply unit for PBB









The flexible and consistent way to supply potable water to stationed aircraft

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FONTUS is a Potable Water Supply System providing reliability and consistency in the supply of quality water to stationed aircraft in all climate conditions.

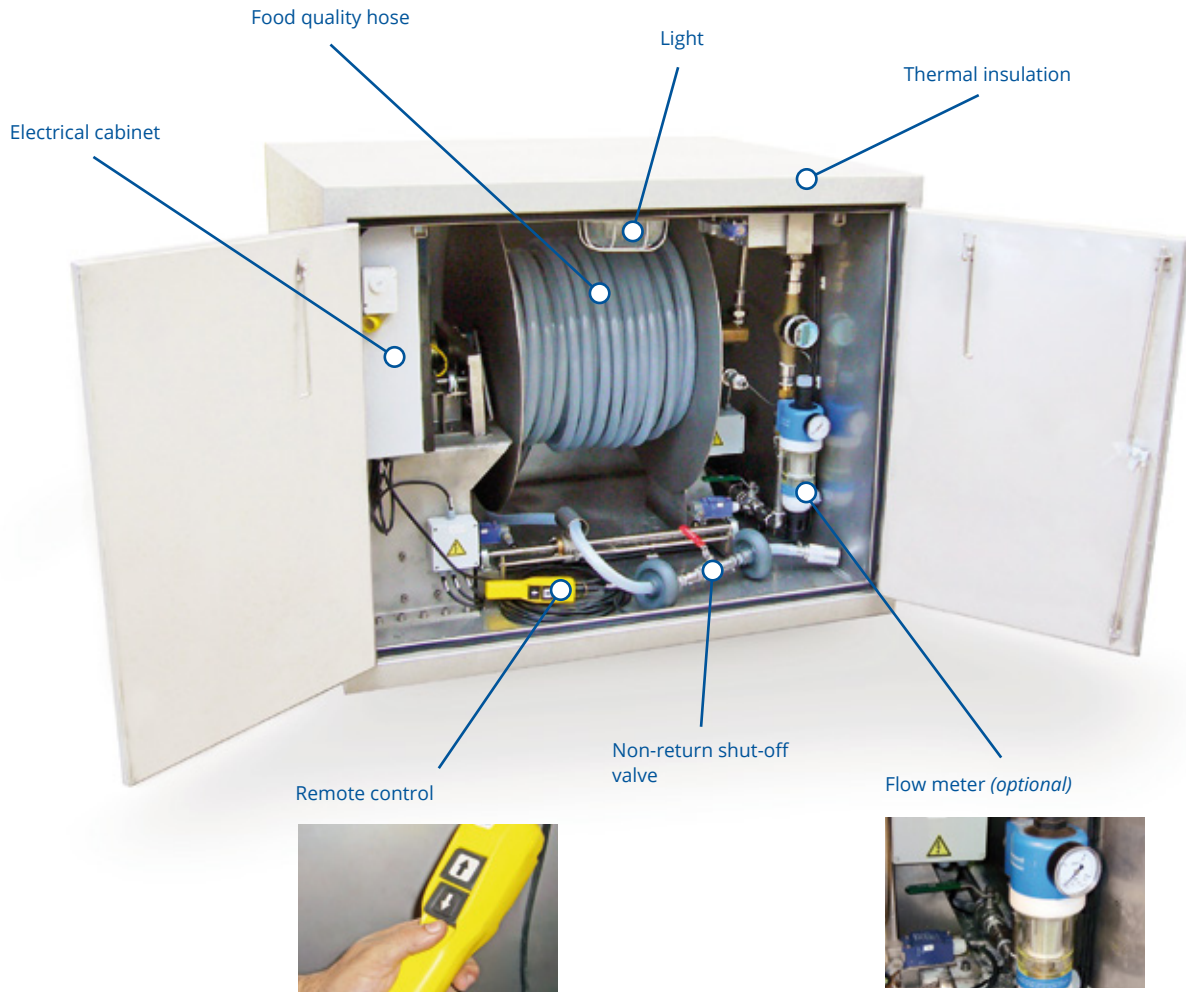


Key Features

-  **Adaptable / Flexible**
Multiple bridge or ground mounting configurations are available for flexibility of use with any Passenger Boarding Bridge or apron specification.
-  **Easy-access design**
A double-hinged door provides direct access to all components inside the FONTUS for easy operation and maintenance tasks.
-  **High quality equipment**
Manufactured in painted steel or rugged A304 stainless steel cabinets to ensure long lifespan.
-  **User-friendly equipment**
Designed for ergonomic and effortless handling of up to 164 feet of hose, making the service faster and more user-friendly than with any other conventional equipment. The electric roll and unroll system is remotely controlled.
-  **All-climate design**
FONTUS is designed to be used in all climate conditions with working temperatures ranging from -20°C to +60°C. The cabinet is also insulated, equipped with an anti-freeze system, and a heating resistor for cold weather.
-  **High-quality water**
An additional outlet enables connection for water recirculation, preventing the formation of bacteria in high-temperature conditions. Also included is a 50 micron filter housing and backflow preventer. The food quality hose complies with European Directive 2007/19/EC.

Technical Specifications

ADELTE's FONTUS unit is easily mounted onto Passenger Boarding Bridges, supporting the 'one-pit-stop' philosophy for servicing potable water to aircrafts.



FONTUS	
Lenght	1,415 mm
Width	800 mm
Height	1,024 mm
Weight	550 Kg dry
Cabinet	Constructed in A 316 stainless steel with insulated wall
Hose	Hose reel with 164 feet of 3/4 inch FDA-approved PVC hose with 3/4 inch aircraft Power Water connector with dust cup, a 3/4 inch ball valve and a rubber hose stop
Filter	50 micron filter with backflow preventer and pressure regulator with a pressure gauge
Electric	230VAC / 50-60Hz and 24 VDC for control
Working temperature	-20°C / +40°C

Standards & Regulations

ADELTE's engineering solutions comply with the following Standards and Regulations, where applicable:



The QR code links directly to this brochure

- CE
- NFPA 415
- EN 1915
- EN 12312-4 - Passenger Boarding Bridges
- EN 12312-12 - Potable Water Service
- EN 12312-17 - Air conditioning equipment
- EN 12312-20 - Electrical ground Power Units
- Electromagnetic Compatibility (EMC) – (89/23/CEE)
- AHM 650 (IATA) - Potable Water Servicing
- AHM 902 (IATA) - Environmental impact on the use of GSE
- AHM 910 (IATA) - Basic requirements for aircraft GSE
- AHM 913 (IATA) - Basic safety requirements for aircraft GSE
- AHM 922 (IATA) - Basic requirements for PBB Aircraft Interface
- AHM 973 (IATA) - Functional specification for a towed aircraft ground heater
- AHM 974 (IATA) - Functional specification for aircraft air conditioning unit

About ADELTE

ADELTE provides engineering know-how and result-driven solutions for the world's leading international airports. From advanced boarding bridges and terminal solutions that deliver a better experience for passengers, to innovative ground support equipment and airport global services to improve performance on the apron, ADELTE is focused on working closely with its partners to enhance airport operations worldwide.

ADELTE takes your airport to the next level.



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