

**AIRBUS**  
**APPROVED**



## DESCRIPTION

The **TMH RD64-10-00 Ozone Disinfection All-in-One Trolley** is designed to disinfect the aircraft water circuit and water devices with ozonated water.

Faster and more efficient than chlorine devices, **TMH RD64-10-00** is also environment friendly (ozone self-decomposing into oxygen after 30 min).

The **TMH RD64-10-00 Ozone Disinfection All-in-One Trolley** will durably protect your assets and passengers, making for a safer and greener flight.

## MAIN FEATURES AND STRENGTHS

### DISINFECTION EFFICIENCY

**TMH RD64-10-00** kills and filters water contaminants (bacteria, viruses, protozoa, and parasites) // Disinfects all sizes of aircraft // Helps water pipes and devices descaling // Enables quick disinfection operations with minimal TAT // Durable disinfection.

### OPERATOR SAFETY

Airtight design for operator ozone protection // Permanent ozone concentration monitoring by safety sensor (both in air and water).

### GREEN TECHNOLOGY

No chemicals (ozone self-production) // The ozone generated reverts back to oxygen after disinfection.

### PROCESS CERTIFICATION

Disinfection method approved by main Food and Health Administrations in Europe and North America // European Community (EC) material certification // Airbus qualification.

### ENHANCED SPECIFICATIONS

Compact and transportable (forkliftable) // Stainless steel cabinet // User friendly // Low maintenance cost // French manufacturing quality // One year warranty (except paint and wear parts).

## OPTIONAL EQUIPMENT

*A test trolley is available to facilitate operator training and maintenance.*

### TMH TT45 Test Trolley

External tank that simulates the aircraft water circuit // Allows **TMH RD64-10-00** testing and operators training // Available in different versions according to your specific need.

**Airbus approved per GCA FM1602519 dated 09/2021 (copy available on request)**

### WHY OZONE?

Since the early 1900s, ozone is a biocide used for water treatment, including disinfection of city water supplies, swimming pools, spas, and recycling of wastewaters. Today, ozone (O<sub>3</sub>) is widely used around the world in food processing, medical sanitizing, water and air purification, surface treatment, etc. Ozone sanitizes by interacting with microbial membranes and denaturing metabolic enzymes. After releasing its oxidizing potential, ozone reverts back to oxygen, from which it was generated.



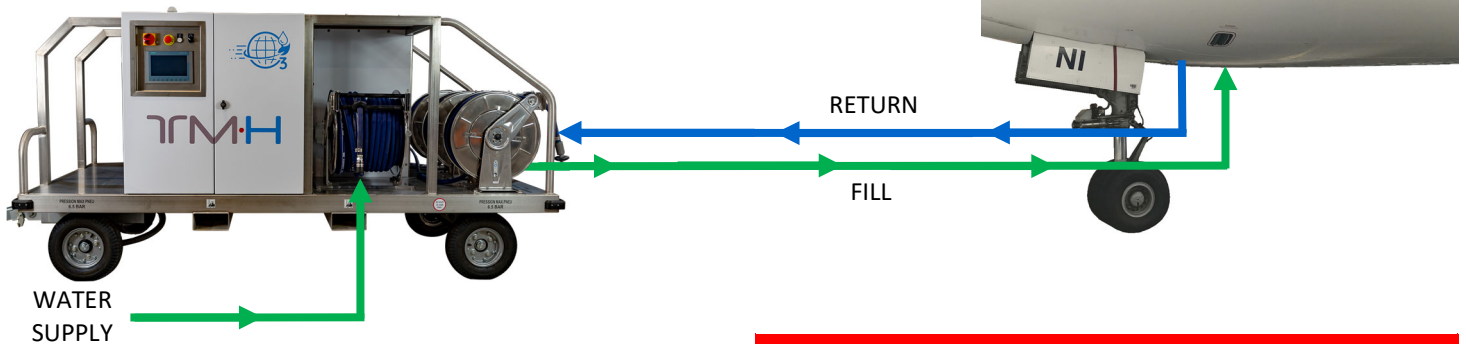
### SYSTEM OPERATION

Potable water supply is connected to **TMH RD64-10-00**. First, ozonated water is pumped to fill the aircraft tank. Then, ozonated water circulation is maintained in the aircraft potable water circuit, with the appropriate ozone concentration level for efficient disinfection. During this phase, ozone (O<sub>3</sub>) molecules destroy all contaminants. Depending on aircraft size, it takes from 30 to 90 minutes to complete tanks, pipes and accessories disinfection. Once disinfection is finished, the residual ozone present in the water tanks will naturally return to oxygen (O<sub>2</sub>) after 30 minutes.

### STANDARD CONFIGURATION

#### TMH RD64-10-00

Ozonated water generation and distribution



SPECIFICATIONS	
Fluid	Ozonated water
Power	1.6 kW
Operating temperature	+5 °C to +40 °C / -41 °F to +104 °F
Overall length	4027 mm / 158.5 in
Overall width	1360 mm / 53.5 in
Overall height	1560 mm / 61.4 in
Empty weight	1300 kg / 2863.5 lb
Power Supply	220 V / 16 A

SHIPPING DATA	
Dimensions L x W x H	310 x 140 x 170 cm / 122 x 55 x 67 in
Weight	1330 kg / 2973 lb

TYPICAL AIRCRAFT APPLICATIONS
Airbus : A300B4, C4, F4, A300-600, A300B2, A310-200, A310-300, A310-304MRT, A320 ALL, A330-200, A330-200F, A330-300, A330-800neo, A330-900neo, A340-200, A340-300, A340-500, A340-500 WV, A340-600, A340-600 WV, A350 ALL, A380 ALL.
Boeing: B737 all series (CL/NG/MAX), B747, B757, B767, B777, B787, B717 (MD-80).
Embraer: ERJ-140/145, E-170/190.

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