

Dishwash**Air**

Washing dishes on board

The “flying dishwasher”



Wash dishes on board instead of stockpiling them

Lufthansa Technik's product division Original Equipment Innovation (OEI) has developed a fast, efficient dishwasher for use on board passenger aircraft. DishwashAir is the alternative to carrying along an unnecessary large number of dishes.



Professional design

The new "DishwashAir" is based on an appliance for catering professionals and – as the name indicates – has been designed to meet the special requirements of washing dishes on board commercial aircraft. It can be installed using standard galley tracks and connects to the water, waste water and vacuum systems of the aircraft. To guarantee leakage protection even in the event of rapid decompression, the system has been modified, for example by being boxed in a case. The unit has been modified, qualified and certified to not leak even in the event of rapid decompression.

Fast, efficient, convenient

DishwashAir is based on professional hardware and offers fast cleaning cycles of only six minutes combined with a minimum fresh water consumption of approximately three liters and reasonable electrical power consumption. The tableware and cutlery are placed in dedicated baskets that can also be used to store the cleaned items in standard galley inserts. Customized baskets for any type of tableware and cutlery can be developed and delivered at short notice.

Operational ease

DishwashAir can be installed facing forward, aft or sideways. The standard front is brushed stainless, but other finishes are available on request. The controls for the appliance are integrated in a touchscreen panel. DishwashAir can be used on the ground or during flight with the exception of taxi, take-off and landing.

For more information

Lufthansa Technik AG
Original Equipment Innovation – OEI
Phone +49-40-5070-2665
oei@lht.dlh.de
www.lufthansa-technik.com/oei

Customer advantages

- On-board washing of dishes
- Short washing cycle
- Low water requirements
- EASA approval
- Lufthansa Technik quality stamp

DishwashAir specifications

Cycle time 6 min. (20 min. for first wash)
Cleaning agents Rinsing/cleaning liquid
(40 cycles/fill)

Dimensions	
Height	820 mm
Width	600 mm
Depth	604 mm

Weight	
Empty	61.2 kg
Gross weight	98 kg

Electrical requirements
Max. power requirement: 4,500 VA
Power source: 115/200V, 360-800 hz
Three-phase voltage: 15A

Certification

- DishwashAir is delivered with EASA Form 1-approved data.
- Equipment classification: Electrical Catering Equipment
- Development assurance level: D
- Software level: C

