

TOUCHLESS LAVATORY

FAUCET, TOILET LID, SEAT & CO. -
TOUCHLESS COMFORT

DIEHL
Aviation

**Climbing higher.
Together**

CHARACTERISTICS

Highly developed sensors and finely responsive actuators offer hands-free procedures in highly frequented, sensitive areas, such as lavatories. All important functions like operating the waste flap, water faucet, hands-free door handles, toilet seat & lid and drying your hands that until now have been operated manually are activated without touching any surfaces. The installation of our new components is easy, does not require any big changes of the existing construction, and their operation is self-explanatory.

BENEFITS

- Maximum comfort and maximum hygiene through completely touchless operation
- Reliable and robust
- Low noise level and change
- Toilet lid closes automatically before flushing
- Intuitive operating concept to avoid unintended activation

TECHNICAL DATA

01 TOUCHLESS WASTE FLAP (TWF)

Short summary of functions:

- No modification of existing wash table or waste flap required.
- Same P/N for all compatible aircraft.
- High robustness components, designed for long life time and durability.
- Uses the standard Touchless Switch and Multi-Motor Control Unit.



02 TOUCHLESS LID

Short summary of functions:

- Limited modification of shroud, as installation beneath it (only small cut-out in shroud for actuator).
- Proven & tested long-life lid with integrated sound dampening function.
- Robust motors for high durability and robustness, off-the-shelf for cost efficiency.
- Uses the standard Touchless Switch and Multi-Motor Control Unit.



03 TOUCHLESS FAUCET

Short summary of functions:

- Fits existing A320 interfaces, adapter plates available for other programmes.
- Water dispensing time and temperature regulation by MRO during installation / service possible.
- No control unit required, fully integrated unit (only requires existing water & new power line)



04 HANDS-FREE DOOR HANDLES

Short summary of functions:

- Fits all existing lavatory doors on all Airbus & most Boeing programs
- No need to remove the door, all exchanges can be done directly on aircraft
- Very short modification times, no need to exchange door locks or similar

