



## BENEFITS

- > 100% barrier-free for passengers with reduced mobility
- > More free moving space inside despite same external dimensions compared to an existing A320 lavatory
- > Retrofittable for A3SA aircraft. For other narrow- and wide-body aircraft types available on request
- > The maximum capacity of seats will remain unchanged due to a width of only 930mm (in flight direction)
- > A range of additional features for passengers with different handicaps and requirements
- > Appreciation for passengers with disabilities
- > Increase of travel comfort
- > Hygienic surfaces, seamless design

Thanks to the FACC development partners:

• FH Joanneum • Netwiss • Raltec research group • Rodlauer Consulting • TU Wien • FFG • BMVIT

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# LAVATORY 100% BARRIER- FREE



## LAV4ALL - THE AIRCRAFT LAVATORY ANYONE CAN USE WITHOUT ASSISTANCE

To increase the feeling of privacy and dignity of passengers with reduced mobility and travel comfort in general, FACC has developed a new lavatory solution, using hygienic surfaces with seamless design: LAV4ALL with 100% accessibility and more free moving space inside to the same external dimensions.

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FACC Aftermarket Services  
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BEYOND HORIZONS

# LAV4ALL

## THE NEW INNOVATIVE AIRCRAFT LAVATORY

For passengers with reduced mobility, the usage of aircraft lavatories is often very limited or even not possible at all. On short and medium haul flights, aircraft lavatories are generally not barrier-free at all, as the space available for lavatories is very limited in preference to a maximum number of seats. In wide-bodied aircrafts there are lavatories designated as barrier-free, but they not always fully meet the various requirements in terms of universal design.

As a pioneer in the industry FACC has now developed a solution for these requirements even before any aviation regulation adaption: a 100% barrier-free aircraft lavatory, which passengers with reduced mobility can use even without any assistance.



- 100% ACCESSIBILITY
- PRIVACY AND DIGNITY
- SAME EXTERNAL DIMENSION



### 100% ACCESSIBILITY

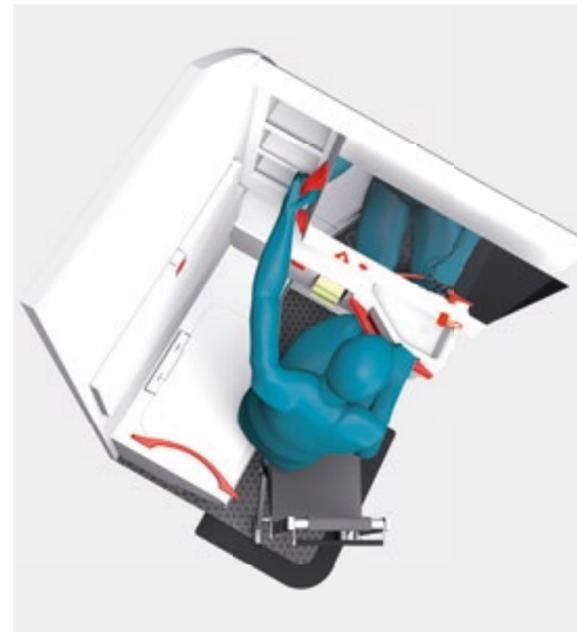
The benefits of the newly developed aircraft lavatory result from the completely redesigned, innovative interior arrangement. A tapered geometry of the lavatory offers passengers significantly more space and more free moving space. Especially when a carer is needed, the available space is much larger than in conventional aircraft lavatories. In addition, the arrangement was designed in such a way that wheelchair users can use the LAV4ALL even without any assistance for lifting.

Furthermore LAV4ALL is equipped with many other features, such as additional and color highlighted supports and handles, optimizations of sink mechanism, surfaces, lighting, adjustable mirror, etc. They are designed also to support passengers with other handicaps and needs, such as hearing-impaired persons or parents who have to change their child in a very confined space.

### FEELING OF PRIVACY AND DIGNITY

With LAV4ALL now especially wheelchair users can use the aircraft lavatory completely barrier-free and even without assistance. This is an immense increase of their feeling of privacy and dignity. The days are gone when wheelchair users had to be covered and the galley was closed while the lavatory was in use.

Likewise all other passengers, whether with or without other physical impairments, will experience a completely different, more pleasant feeling when using the new LAV4ALL.



### SAME EXTERNAL DIMENSION

As the new FACC aircraft lavatory stands out due to the new innovative interior arrangement the external dimension does not have to be extended: LAV4ALL is designed for the smallest installation space, namely based on an A320 rear section and can therefore easily be retrofitted also on other narrow- and wide-body aircraft types. There is no reduction of the galley space or the existing capacity of seats and certainly no change of the cabin layout necessary.

