



# ACA Air Purification System

The ACA Air Purification system replicates the same natural process that cleans the air and controls micro particles, gasses, airborne mold spores, viruses, and bacteria.

## How it Works

The system creates cold plasma. In the process, positive and negative ions attach to hydrogen and oxygen molecules in the water vapor present in the aircraft. These ions cluster around gasses, airborne mold spores, viruses, and bacteria, which causes a chemical reaction to occur, resulting in the cell not being able to reproduce, causing the cells to die quickly.



## Benefits

StandardAero will complete your upgrade with the highest quality to maximize your investment while minimizing downtime.

- **Kills** – Coronavirus, Bird Flu Virus (H5N1), Ebola Virus, E.coli, Swine Flu (H1N1), T.B., SARS bacteria, C.diff, MRSA, Staph bacteria, and mold spores
- **Removes** – Lavatory, cooking, cigarette smoke, and moisture odors
- **Controls** – Gasses, allergens, and VOC's
- **Neutralizes** – Static electricity

## StandardAero – The Right Choice

At StandardAero, we have a team of highly trained airframe experts. We put our customers and their aircraft first for a great customer experience with superior service and maximum performance from your entire aircraft.

### Airframe Sales Contacts:

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**TO FIND OUT MORE** about StandardAero and related programs, contact your area representative or visit: [www.standardaero.com](http://www.standardaero.com)

## OVERVIEW

### ACA System Capabilities:

- Proven technology
- Provides clean, safe, and healthy cabin air
- Eliminates:
  - Viruses
  - Allergens
  - Volatile Organic Compounds (VOC's)
  - Odors
- Constant decontamination of the cabin
- Non-chemical, non-intrusive technology

### Installation:

- Highly trained installation technicians
- Multiple units as needed
- In-line fuses
- LPV-WAAS FMS
- Power on with environmental control system activation
- Certified by DER Approval with 8110 data

### Aircraft Coverage:

- Falcons
- Hawkers
- Challengers
- Gulfstreams
- Globals