

ABOUT US

Ionic Air Care was founded in 2020 with the sole purpose of developing the most advanced – highest performance dual polar ion generators for aircraft available today. With the advent of the i7000A, we have accomplished that goal.

Dual polar ionization is a proven technology to combat pathogens such as bacteria, viruses (including Covid-19), mold, odors, smoke, and volatile organic compounds (VOC's) like jet fuel, engine oil, and hydraulic fluid.

We encourage all aircraft crews and passengers to give our products careful consideration, then decide what's best for your aircraft's interior environmental security and peace of mind.



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REV. 05



Air care for people on the move



i7000A
Dual Polar Ion Generator
MULTIPLE PATENTS-PENDING

i7000A

DUAL POWER ION GENERATOR

P/N: 70AN-100-001

P/N: 70AE-101-001

Ion Generator Dimensions: 7 5/8" x 3 3/8" x 2 1/4"

Ion Emitter Length: 2.0"

Housing Material: 3D Printed Onyx FR-A

Base Plate: Anodized 5052-H32 Aluminum

POWER CONSUMPTION: 2 WATTS

WEIGHT: 14 OUNCES

STANDARD FEATURES

400M+ Ions Per CC Per Second Output

→ 200M+ Pos Ions + 200M+ Neg Ions

MIL-SPEC Electronics Components

70AN -25C to +70C Operational

70AE -55C to +70C Operational

Cabin Tuned Ionization Levels

Guaranteed Performance

2 Year Warranty | 10 Year Support Commitment

Designed for Over 100,000 Hour MTBF

Manufactured & Supported by Alto Aviation

SMART CARD UPGRADE FEATURES

Bluetooth & Wi-Fi Connectivity

→ Optional ARINC 429 Data Output

Display System Status and Ion Output on Smart Device

Control Ionization Levels

Event Notifications

CARBON FIBER 3D PRINTED ECS DUCT ADAPTERS

Built with Markforged Onyx FR-A and Continuous Carbon Fiber FR-A Reinforcement

→ Provides Relative Strength of Aluminum at 1/2 the Weight

Can be Made in Any ECS Duct Size and Shape

Each Duct Adapter Assembly comes with all Hardware and Gaskets Required

Facilitates Ease of Installation



ION GENERATOR DIMENSIONS

7.625" X 3.375" 2.25"

ION PROBES DIMENSIONS

1.25" for ECS Ducts up to 5.50",
2.75" for 6" & Larger ECS Ducts

HOUSING MATERIAL

3D Printed Markforged Onyx FR-A

BASE PLATE

Anodized Aircraft Grade Aluminum

ION EMITTER MATERIAL

Carbon Fiber Thread