AVIONICS COOLING FANS

TROLL AVIONICS COOLING FANS

THE ICE BOX - Avionics cooling fan is designed to mount remotely and cool up to 3 radios. It is shielded and filtered and uses standard 5/8" CAT type hose to direct air through 3 outlet ports. Thickness of the unit is only 1.4", and it operates on 14 or 28 volts. Ice Box offers a thin profile, flexible mounting, and very quiet operation. 2 yr warranty.

SUPER ICE BOX - Same as above except w/5 outlet ports instead of three, to cool 2 extra radios.

CYCLONE - The Cyclone-3 is a compact (3 x 5 x 1") aircraft electronics cooling fan that delivers 21 cubic feet per minute of forced air cooling to a variety of avionics equipment. 3-port 12V fan...P/N 11-18380 $166.95 28V...P/N 11-18381 $164.85 6-port 12V fan...P/N 11-05221 $319.95 6-port 24V fan...P/N 11-05222 $346.00 5/8" fan tubing...P/N 11-00504 $5.50

LONE STAR FAN FAILURE WARNING SYSTEM

The Fan Failure Warning system (FFW) is designed to monitor the RPM/TACH output signal from a Cyclone 21 Blower. If the blower falls below a preset RPM, the warning LED will alert the pilot that avionics and or onboard electronics are no longer functioning within a safe operating temperature. You will need to purchase the Cyclone 21 Blower and the LED Panel Indicator separately to complete the system.

P/N 11-10590...$249.95

AMERI-KING AVIONICS COOLING FANS

The Ameri-King AK-950F is part of a FAA TSO'd approved kit. GPS/Avionics fan is compact and delivers up to 26.6 CFM cubic feet per minute of forced air cooling to a variety of avionics equipment. It features ball bearing for highest reliability and long lasting. The AK-950F may be behind or beneath aircraft instrument panel or avionics equipment rack or cabin pressure bulkhead. The small, one port direct mounting fans (Fld) are for internal cooling and there is a second port for external cooling. No remote hose is required.

Features Include: power reverse polarity protection; compact size; choices of 1, 2, 3, or 5 hose outputs; universal mounting; hoses; connector kit and hardware (included). 4-year extended warranty. Size for 1-3 ports: L- 5.75" W- 5.130" H- 2.080". Small Fld port: L- 2.60" W- 2.5" H- 2.5". Power 14 or 28 VDC.

Description

14V P/N Price
1-port w/hose 11-18385 $119.75
2-ports w/2 hoses 11-18386 $139.95
3-ports w/3 hoses 11-18387 $158.00
5-ports w/5 hoses 11-18388 $228.00
10-ports w/10 hoses 11-05825 $448.95
Small, 1 Port (Fld) 11-01418 $117.00

CYCLONE 600 - 6 PORT AVIONICS COOLING FAN

The Cyclone-600 is a light weight, highly reliable brushless DC avionics blower that delivers 45-50 CFM of forced air to onboard aircraft electronics. The universal mounting system mounts vertical, horizontally or at 45 degrees for straightforward installations for all aircraft make and models.

Features:
- New DC Brushless Motor with FAA and TSO Approval
- High Performance 626ZZ Bearing for Extended Life
- High Impact Phenolic Housing
- Laser Balanced Impeller wheel
- Universal Front Plate (4.5,6, Ports)
- Cable Harness (36), included.

Benefits:
- Over Current Protection
- Locked Rotor Protected
- Reverse Polarity Protected
- FAA/PMA Approved
- DO160 D Tested
- Low Noise Specifications:
  - Voltages: 12-14 VDC 600mA; 24-48 VDC 500mA
  - CFM: 45/50 CFM at 6000 RPM
  - Dimensions: 4.5inh (H) x 3.0in (W) x 2.5in (L)

Description

Part No. Price
Cyclone 600 6 Port Fan 12-14V 11-05221 $319.95
Cyclone 600 6 Port Fan 24/28V 11-05222 $346.00

LONE STAR 12/24 VOLT BLOWER KIT

Lone Star Aviation’s new 1 port blower is the smallest (1 x 2 x 2), most efficient (brushless dc motor), and the most versatile avionics cooling fan in our industry today. This New blower’s universal mounting bracket makes it easy to set up and install on a variety of aircraft Install immediately on experimental, sport and soon on general aviation, business, rotorcraft, commercial class aircraft as well as Land-Mobile, Marine and Military Vehicles.

Specifications:
- Light Weight: 52 grams, 0.115 lbs
- Enclosure: Aluminum, (powder coated)
- Vdc, amperage: 12 - 10.2-15.8Vdc, 0.320A
- Vdc, amperage: 24 - 18.2-30Vdc, 0.300A
- Max Static pressure: H2O = 0.64 * Max Air Flow: 6.7 CFM

The Ice Box offers a thin profile, flexible mount only 1.4", and it operates on 14 or 28 volts. Ice Box is 3.25" high, small, easy to set-up and install on a variety of aircraft immediately on experimental, sport and soon on general aviation, business, rotorcraft, commercial class aircraft as well as Land-Mobile, Marine and Military Vehicles.

Specifications:
- Voltages: 12-14 VDC 600mA; 24-48 VDC 500mA
- CFM: 45/50 CFM at 6000 RPM
- Dimensions: 4.5inh (H) x 3.0in (W) x 2.5in (L)
- Easy Installation: (4 x 6-32) * 1 Year Limited Warranty

Description

Part No. Price
Lonestar 12 VDC Blower Kit LS03-02040 11-06567 $129.95
Lonestar 24 VDC Blower Kit LS03-02041 11-06568 $129.95

SANDIA SAFE 328 - 3 PORT COOLING FAN

The Safe-328 is a three port blower that can effectively cool a complete avionics suite. Providing a nominal 20 CFM of cooling air (no load), the SAFE 328 provides an alert output should the blower RPM drop below a preset level.

Specifications:
- Operating Voltage: 28Vdc * Current Draw: 400 MA Nominal (550MA stratup) * Size: 5.13" x 4.75" x 1.25" * Weight: 1.18 lbs
- Certification: PMA DO160D P/N 11-11301...$430.00

SANDIA ACF 528 5 PORT FAN

The ACF528 is a FAA/PMA’d five port cooling fan product for five avionics units. Supplying up to 20 cubic feet of air per minute at 28 VDC, the ACF528 can easily cool an entire stack of avionics. The ACF528 uses a brushless blower motor to provide years of reliable RunQuiet operation. Specifications:
- Operating Voltage: 28Vdc * Current Draw: 480mA (850mA startup) * Size: 5.13" x 6.77" x 2.1" * Weight: 1.18 lbs * Certification FAA-PMA: DO160C P/N 11-08020...$279.00

SANDIA SAFE 12 18 AXIAL FAN

The Safe-12 is an axial fan that is designed to attach directly to an avionics unit’s cooling port. Providing a nominal 20 CFM (no load) of cooling air. The SAFE 12 provides an alert output whenever the fan RPM drops below a preset level.

Specifications:
- Voltage: 28 Vdc * Current Draw: 100mA nominal <.250mA Startup * Size: 2.36" x 2.87" x 1.44" * Weight: .25 lb. * Certification FAA-PMA: DO160C P/N 11-08019...$194.80

SANDIA SAFE 528 (5 PORT) COOLING FAN

The SAFE 528 is a five port cooling fan that provides a fault output anytime the fan RPM drops below a predetermined value. The SAFE 528 is ideal for use with flight display systems that require cooling as part of the certification. The SAFE 528 uses a brushless dc motor to provide 20 cubic feet of air with reliable RunQuiettet operation.

Specifications:
- Operating Voltage: 28Vdc * Current Draw: 400 MA Nominal (550MA stratup) * Size: 5.13" x 6.77" x 2.1" * Weight: 1.23 lbs.
- Certification: FAA-PMA Pending P/N 11-08017...$550.00

Prices Subject to Change Without Notice