

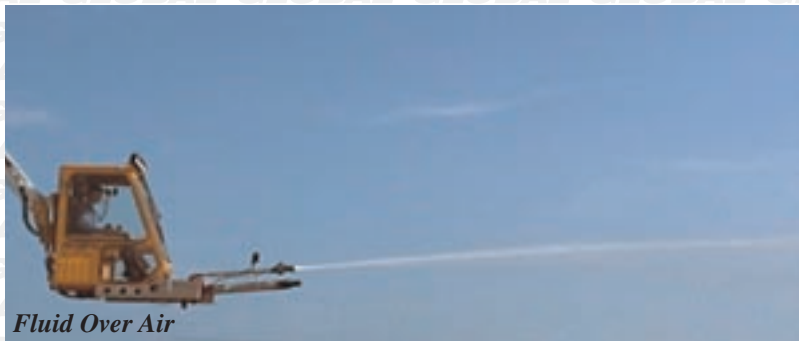


Air at 700 mph.

AirPlus!TM



Conventional Fluid Deicing



Fluid Over Air



Fluid Injection at 6 gpm

*Global's AirPlus!TM
Forced Air De/Anti-Icing
system utilizes large
volumes of air, at low
pressure to remove
loose accumulations
of snow and ice from
the aircraft.*

*Ambient Air at
700 mph, 11 psi*



GLOBAL

GROUND SUPPORT An AirT Company

SPECIFICATIONS — *AirPlus!*[™]

What is *AirPlus!*[™]

Global's *AirPlus!*[™] Forced Air Deicing system is a revolutionary breakthrough in the process of aircraft deicing. It provides the ability to reduce, or in some instances completely eliminate, the use of costly and environmentally harmful glycol during the process of aircraft deicing. The use of forced air in the aircraft de/anti-icing process is the most exciting breakthrough and advancement in the history of deicing!

Global's *AirPlus!*[™] system utilizes large volumes of air at low pressure to remove loose accumulations of snow and ice from the aircraft prior to deicing with heated fluid.

Additionally, Global's *AirPlus!*[™] provides the option of injecting fluid into the air stream at low flow for efficient frost removal. Fluid flow is reduced from 60 gpm to 6 gpm or less during frost deicing, reducing fluid consumption by nearly 90%.

Performance Features

- Forced air (700 mph @ 11 psi) heated deicing fluid over the air stream, to increase the reach and force of the fluid.
- Ambient anti-icing fluid over the air stream to increase the reach of the fluid.
- Fluid injection into the air stream to reduce fluid consumption.

Design Features

- The weight of the system is under 100 lbs. to allow location at the tip of the boom, close to the nozzle.
- The size of the system is compact (21" x 14" x 12"), to allow placement under the seat of the enclosed cab.
- The air monitor and nozzle are both durable and versatile.
- The temperature of the air is cool to prevent melting during air only applications.

How Does It Work?

Global's *AirPlus!*[™] uses a heavy duty, continuous rated, centrifugal blower, (also referred to as a super charger). The super charger is belt driven by a hydraulic motor, both of which are mounted into a specially designed light weight modular assembly, enclosed in a scatter proof shield for safety and insulated for noise reduction.

What will *AirPlus!*[™] Do For My Company?

Global's *AirPlus!*[™] Forced Air Deicing System will save your company money and assist with compliance to environmental regulations. Properly utilized, *AirPlus!*[™] is capable of reducing the amount of de/anti-icing fluid required, per event (compared to conventional fluid deicing), by at least 30%.

Specifications subject to change without prior notice.

Our quality management system is certified to ISO 9001 and AS 9000 standards.



Printed in the USA (3/00)

*Available as an option
on most Global deicers
with enclosed cab.*

*Covered under license by
one or more of the
following patents:
– 5,244,168
– 5,755,404*

*Consult our
factory for
information on:*

*– Cabin Service Trucks
– Catering Trucks*

*“Regional” Series Deicer
– 700 Gallon Deicer
– 1200 Gallon Deicer*

*“Ultimate” Series Deicer
– 2100 Gallon Deicer*

*“Heavy” Series Deicer
– 3200 Gallon Deicer*

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