



GLOBAL

GROUND SUPPORT An AirT Company

**TRUCK MOUNTED
DE/ANTI-ICING
SYSTEMS**



Global manufactures a wide range of deicers to service every type of aircraft from small, regional airplanes up to the Airbus A380. Safe, reliable, performance and ease of operation are key reasons Global is the leading choice for de-icing equipment. All Global deicers have the same high quality components and innovative design features.

Global machines are designed to safely and efficiently de-ice with conventional heated Type I fluids. For anti-icing, a second isolated tank is supplied, with a positive displacement pump to spray undiluted Type IV fluids with minimal fluid degradation.

Instantaneous fluid heating improves productivity and self-diagnostics while constantly monitoring fluid temperatures to maintain optimal performance. Stainless steel heater coils and a microprocessor controlled heater provide maximum dependability, reliability and extended life.

An auxiliary engine is dedicated exclusively to provide reliable power for all de/anti-icing functions including pumping, mixing, heating and the optional forced air de/anti-icing system. Options include: single operator deicer, spraying and pumping configurations, automatic fire suppression system, suction fill and a range of ancillary equipment such as fluid flow monitors with printer. The optional blending system gives the operator convenient control over the water/glycol mix ratio to meet changing temperature conditions. The precise control can reduce glycol use an additional 70%.

Global provides excellent after sales customer service support. An experienced engineer will provide operational and maintenance training on-site or at the Global factory. Technical support is available 24/7 from Global engineers. Each machine comes with a detailed maintenance manual, which includes illustrations, operating procedures and maintenance instructions.

Global de-icers are designed for ease of maintenance with tested components that have been proven to perform under the harshest winter conditions. Optional parts packages that cover 95% of commonly-used replacement parts are also available.

Ultimate 2200



Auxiliary Engine



Control Panel



Auxiliary Engine and Heater Compartment



Pumping System

AirPlus!™

The AirPlus!™ System provides high volume and low pressure forced air at 700 mph for safe and efficient de/anti-icing. This system will not cause aircraft surface damage since it exerts less surface pressure than conventional fluid deicing. Glycol usage can be reduced by as much as 90% when utilizing forced air de/anti-icing. This heavy-duty, continuous rated, centrifugal blower, and its hydraulic motor drive system, are mounted in a compact compartment for increased safety and noise reduction.

- Save money with reduced fluid usage.
- Improve operator safety and comfort with the use of an environmentally controlled and heated enclosed cab.
- Save time and increase productivity by extending time intervals between fluid resupply.
- Maximize efficient use of fluid and meet varying demands with different fluid/air mixtures.
- Be confident knowing your deicing equipment is designed and manufactured by a world leader in the industry.
- Protect the environment by reducing or possibly eliminating the use of harmful glycol.



Modes of Operation

Air: 700 mph air for snow removal.

Injection: Inject de-icing fluid (6 gpm) into the air stream to reduce fluid consumption.

Fluid: High Flow (40-60 gpm) traditional fluid spray to de-ice. Low Flow (20 gpm) fluid spray to de-ice.

Fluid Over Air: Heated or ambient temperature de-icing fluid over the air stream, to increase the reach and force of the fluid.

Application Guide

	Light Fluffy Snow	Light Frost	Heavy Frost	Freezing Rain	Light to Medium Dry Snow	Heavy to Medium Dry Snow	Heavy to Medium Wet Snow
Air 	●					●	●
Injection Air 		●	●			●	
Fluid 			●	●			●
Fluid Over Air 				●			●
Low Flow Type 1 			●	●	●		

