DEICING BLOWERS

inovair®
Geared Centrifugal Blowers

WORLDWIDE LEADER

Inovair blower models have been utilized in commercial and military forced air deicing for over 25 years, and **Inovair** is the leading manufacturer of blowers utilized in forced air deicing applications. These deicing blowers are proven to meet the extreme demands of the forced-air deicing market, and the company also offers the most variety of models and features for its customers. With a robust, compact, and efficient design, **Inovair's** patented gearbox with self-contained oiling and a high step-up-ratio minimizes additional components such as oil tanks, pumps, filters and secondary gearboxes.

η = Efficiency®

INOVAIR DEICING BLOWER SPECIFICATIONS

Model:	DB1-975*	DB2-105*	DB2-120*	DB1600**
Compressor Housing Diameter:	9.75 in	10.5 in	12 in	13 in
Internal Step-Up Ratio:	5.40:1	5.40:1	5.40:1	8.21:1
Intel Diametrer	4 in	4.5 in	4 in	6 in
Discharge Diameter	3 in	3.5 in	3.5 in	4.5 in
Oil System:	Self-Contained	Self-Contained	Self-Contained	Self-Contained
Oil Capacity:	6 oz	6 oz	6 oz	40 oz
Approximate Weight:	22 lbs	24 lbs	28 lbs	110 lbs

** Available for Fixed (truck/cab mounted) and Variable-Position (boom mounted) applications*

*** Available for Fixed (truck/cab mounted) applications only*

INOVAIR DEICING BLOWER PERFORMANCE DATA

Normal Operating Speed :	32,000-45,000	35,000-42,000	32,000-45,000	35,000-40,000
Airflow Range (lbs/min):	45-85	75-115	75-115	75-130
Typical Pessure Ratio:	1.4-1.9	1.5-2.0	1.5-2.0	1.5-2.0
Typical Power Range (HP):	20-70	35-110	33-110	35-110

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UNMATCHED DURABILITY

Inovair blowers provide the best reliability and performance available for highly demanding applications such as forced air deicing. With over 25 years in the field, over 99.9% of **Inovair** deicing blowers have continued to perform for military and commercial GSE applications for over 15 years without any need for service.

AIRCRAFT DEICING EXAMPLE:
WORLDWIDE LEADERSHIP

This example of an aircraft deicing application forces pressurized air through a specially designed nozzle and moves approximately 1,300 cfm at over 700 mph. Impeller speeds exceed 40,000 rpm in intermittent duty usage. The air stream is so powerful that it literally "lifts" snow and ice from the exposed surfaces. This results in faster deicing of aircraft, and reduces consumption of deicing fluid by nearly 80%. This reduction in the use of deicing fluid (glycol) delivers a significant reduction in operating cost and major environmental benefits. Glycol usage is regulated by the EPA, and has mandatory and expensive remediation requirements.

Air Force One

GET IN TOUCH WITH INOVAIR

At **Inovair**, we pride ourselves on offering our customers the efficiency and durability they need, with a solution that is simple to maintain and lowers the overall cost of ownership. When you choose **Inovair**, you get the best. Call us today to learn how we can help lower your costs.

SCAN FOR MORE DATA

SCAN ME

DESIGNED, MANUFACTURED, & SERVICED IN THE USA

When it comes to a supplier's ability to deliver innovation and quality, location matters. **Inovair** is not only headquartered in the heartland of America, but most operations, from engineering to manufacturing to service, are within the same facility.

Our vertical integration means shorter leadtimes for parts and manufacturing. This creates a collaborative environment with lean design, manufacturing, and servicing practices.

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MADE IN THE USA

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