

IM-40 / IM-50

200-600 HP

inovair[®]
Geared Centrifugal Blowers

HIGHEST EFFICIENCY, LOWEST COST OF OWNERSHIP

The **Inovair IM-40** and **IM-50** are the company's largest blower packages, covering 200-600 HP and utilizing the company's proven gear-driven technology. Inovair's long history of innovation and manufacturing leadership allows the company to deliver a unique combination of affordable capital cost and low annual operating expense. Our blowers offer high efficiency, extreme durability, ease of service and industry standard components, this results in the lowest cost of ownership.

INOVAIR ADVANTAGES

- Highly Efficient (~80% isentropic)
- Low/Annual Maintenance
- Low noise (less than 85 dBA)
- In-House Panel Shop For Ease of Integration
- Engineered and Built in the USA
- Highly Flexible Control System

DESIGN FEATURES

- 200-600 HP with Single Compressor Stage
- Proven Reliability, 20-year Design Life
- Non-Proprietary, Industry Standard Components
- Proven Speed-Based Capacity Control
- Unlimited Life Oil Film Bearing
- Compact Design



IM-40 / IM-50



9400 BLOWER

TECHNICAL INFORMATION

Flow Capacity:	2,600-12,000 scfm
Design Pressure:	Up to 14 psig
Turndown Ratio:	2:1
Motor Power:	200-600 HP
Drive:	Standard VFD
Input Power:	460V-575V, 60 Hz
Impeller:	5-axis machined 7075-T6 Aluminum
Control System:	Advanced Integrated Controls

DESIGNED, MANUFACTURED, & SERVICED IN THE USA



When it comes to a supplier's ability to deliver quality and availability, 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 campus. Our vertical integration means

shorter leadtimes for parts and manufacturing. This creates a collaborative environment with lean design, manufacturing, and servicing practices. This product is also available for purchase direct from the **Inovair** factory.



- PROUDLY MADE IN THE USA
- LOWEST COST OF OWNERSHIP
- PROVEN RELIABILITY
- OWNER-SERVICEABLE
- LOW MAINTENANCE
- IMPROVED PLANT SAFETY
- WORLD CLASS SUPPORT

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



Learn more about the **IM-40/IM-50** and how it is the most efficient and reliable forced-air blower for your application.

TOP MANUFACTURER FOR DECADES

Inovair has built a reputation over the past 30 years for quality and excellence. As the **#1 player** in forced-air deicing, exclusive supplier to the US military and considered the "gold standard" for commercial airlines, **Inovair** is a trusted manufacturing partner. Our products are well known in the wastewater and general industrial industries for offering

superior technologies and the lowest cost of ownership. To complement our engineering efforts, we lean on our 30 years of dominance as the leading automotive aftermarket supercharger supplier, where we serve applications up to 4,500 hp in the most severe duty cycles imaginable.

75+ PSI

5625 SCFM

