

IM-30

40-400 HP

inovair[®]
Geared Centrifugal Blowers

THE INDUSTRY'S MOST FLEXIBLE HIGH EFFICIENCY BLOWER

The **Inovair IM-30** is the industry's most flexible high efficiency blower. Specifically designed to provide the lowest total cost of ownership with industry leading efficiency, unmatched reliability, and ease of maintenance, this blower is the right choice for any municipality.

The **IM-30** is the industry's only modular blower design, able to be deployed as single units or in a stacked configuration. Each module in a stacked configuration can operate completely independently, allowing a redundant blower to be installed in the same footprint and reducing installation costs. Utilizing the standard weather resistant enclosure, the **IM-30** can be installed outdoors, further reducing installation costs. As the focus for all of Inovair products is on premium efficiency, the **IM-30** can dramatically reduce a plant's capital and operating costs.

Thanks to the use of industry standard components such as premium efficient TEFC motors and non-proprietary 60 hertz VFD's, the electrical complexity in **Inovair blowers** is substantially reduced compared to other high efficiency blower technologies. The low maintenance requirements for the **IM Series** are typically performed by plant personnel. As with all **Inovair** products, the **IM-30** is designed, built, and supported in the USA from our Midwest campus.

- HIGH EFFICIENCY
 - CUSTOMIZABLE CONFIGURATION
 - LOW/ANNUAL MAINTENANCE
 - LOWEST COST OF OWNERSHIP
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- DIRECT DRIVE COUPLING SYSTEM FOR MAXIMUM EFFICIENCY AND MINIMUM MAINTENANCE
 - PREMIUM EFFICIENT TEFC MOTOR
 - 6 OR 18 PULSE 60 HERTZ VFD (NON-PROPRIETARY)
 - SIMPLE / AFFORDABLE PLC CONTROL (UL508)



STACKED

SINGLE

IM-30 SERIES FEATURES

- Highly efficient (~80% isentropic)
- Proven integrally-gear design
- Industry standard components
- Maintenance-friendly
- Engineered and built in the USA
- Handles fluctuating pressures
- Capable of multiple start/stop cycle operation
- Reduction in capital costs for stand-by units

INOVAIR ADVANTAGES

- Industry-first modular blower design
- Up to 6:1 capacity turndown
- Greater process flexibility
- Up to 50% space savings
- Industry-standard components
- Low Noise (75-85 dBA)
- Available as stacked units, a single unit or without enclosure.

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.

TECHNICAL SPECS

Flow Capacity:	400–5,000 scfm
Design Pressure:	Up to 22 psig
Turndown Ratio:	4:1 (2:1 per module)
Motor Power:	40–200 HP (per module)
Drive:	6 or 18 Pulse 60 Hz VFD (remote mounted)
Input Power:	230V–575V, 60 Hz
Impeller:	5-axis machined 7075-T6 Aluminum
Control System:	Advanced Integrated Controls



SCAN FOR
MORE DATA



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 facility. 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.

