

Inovair®

Geared Centrifugal Blowers

IM 20/30 SERIES 20-250 HP

The Inovair IM Series is the industry's first truly modular blower design. Offering industry leading efficiency and turndown, modules can be deployed as single units or in a stacked configuration. Many wastewater treatment plants suffer from an inability to optimally regulate flow, causing them to over-aerate or blow-off excess air. Both of these negatively impact energy consumption. The IM Series solves this problem through modularity without burdening the overall blower footprint. IM stacked units provide up to 4:1 turndown to provide an operational range previously unattainable by other technologies.

- DIRECT COUPLE DRIVE SYSTEM FOR MAXIMUM EFFICIENCY WITH MINIMUM MAINTENANCE
- INDUSTRY LEADING TURNDOWN
- LESS THAN 85 dBA
- EXTREMELY DURABLE DESIGN

- ADVANCED CONTROLS
- LOWEST COST OF OWNERSHIP
- CUSTOMIZABLE CONFIGURATION
- LOW/ANNUAL MAINTENANCE

IM 30 STACKED



IM 30 SINGLE



IM 20 SINGLE
JUST RELEASED



IM 20 SERIES FEATURES

- Energy Efficient (~80% isentropic)
- Proven Integrally-Geared Design
- Industry Standard Components
- Compact Design
- Maintenance-Friendly
- Engineered and Built in the USA
- Handles fluctuating pressures
- Capable of multiple start/stop cycles every hour
- Reduction in capital costs for stand-by units

TECHNICAL SPECS

Flow Capacity:	300–3600 scfm
Design Pressure:	Up to 22 psig
Turndown Ratio:	4:1 (2:1 per module)
Motor Power:	20–75 HP (per module)
Drive:	Standard VFD
Input Power:	230V–575V, 60 Hz
Impeller:	5-axis machined 7075-T6 Aluminum
Control System:	Advanced Integrated Controls

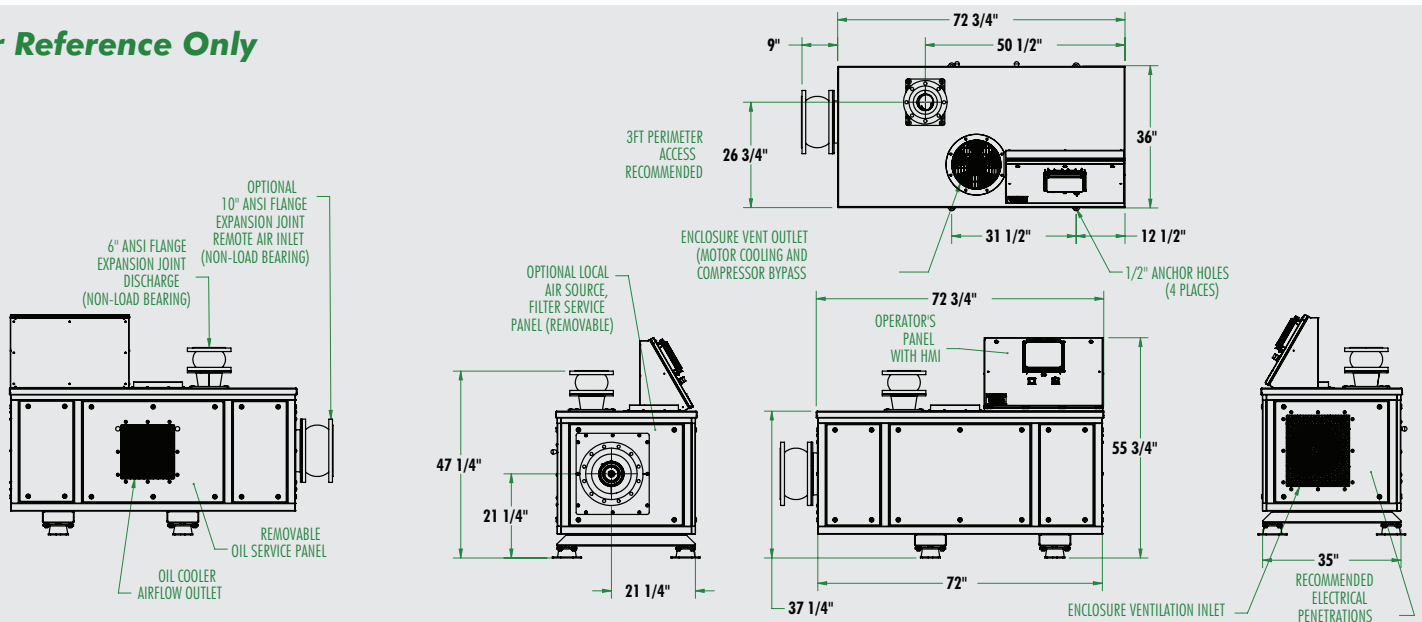
INOVAIR ADVANTAGES

- Industry-first modular blower design
- Up to 4:1 capacity turndown
- Greater process flexibility
- Up to 50% space savings
- Industry-standard components
- Low Noise (75-85 dBA)
- Available in single or stacked configuration

Also available without enclosure



For Reference Only



IM 30 SERIES FEATURES

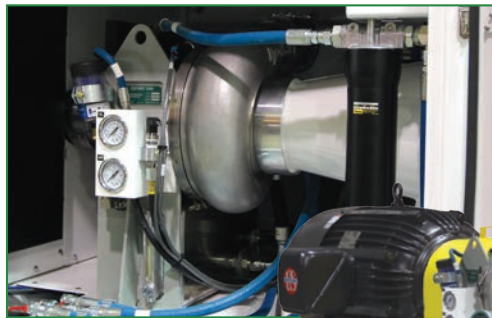
- Energy Efficient (~80% isentropic)
- Proven Integrally-gear Design
- Industry Standard Components
- Compact Design
- Maintenance-friendly
- Engineered and Built in the USA
- Handles fluctuating pressures
- Capable of multiple start/stop cycles every hour
- Reduction in capital costs for stand-by units

TECHNICAL SPECS

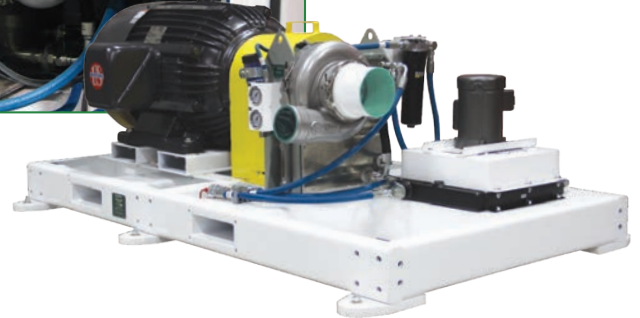
Flow Capacity:	400–5200 scfm
Design Pressure:	Up to 22 psig
Turndown Ratio:	4:1 (2:1 per module)
Motor Power:	40–125 HP (per module)
Drive:	Standard VFD
Input Power:	230V–575V, 60 Hz
Impeller:	5-axis machined 7075-T6 Aluminum
Control System:	Advanced Integrated Controls

INOVAIR ADVANTAGES

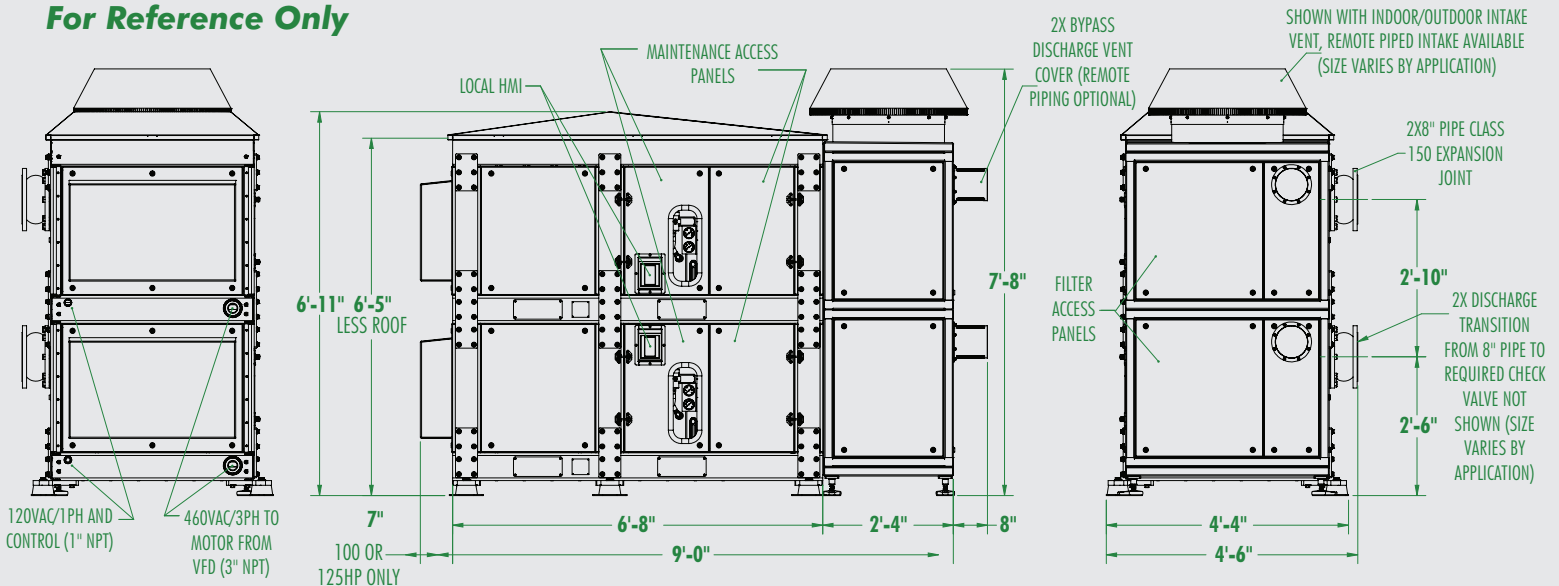
- Industry-first modular blower design
- Up to 4:1 capacity turndown
- Greater process flexibility
- Up to 50% space savings
- Industry-standard components
- Low Noise (75-85 dBA)
- Available as stacked units, a single unit or without enclosure.



Single unit available without enclosure



For Reference Only





INOVAIR: ENGINEERED AND MADE IN THE USA

Inovair is the industrial products division of Accessible Technologies, Inc. The company was founded in 1994 to expand the application of high efficiency geared centrifugal blower technology within forced induction and industrial applications. Inovair is the worldwide leader in forced air aircraft deicing, a leader in compact high efficiency blower packages for wastewater treatment, and was the first company to create geared centrifugal blower packages designed specifically for pneumatic conveying. Inovair also is a leading supplier of blowers and compressors for general industrial applications and aircraft ground support applications beyond deicing. Highly efficient blower design, durable transmission design and space utilization are just a few hallmarks of the Inovair line of geared centrifugal blowers and centrifugal compressors. Efficiency is in everything we do—in fact, it's part of our name.

η = EFFICIENCY

Historically, engineers world wide have utilized the Greek letter “Eta” (η) as the symbol for efficiency. Today, Inovair brings this focus on efficiency to various industrial markets with a line of highly efficient, innovative, quiet and compact geared centrifugal blowers and compressors.

Thanks to our 25 year history of centrifugal compressor leadership, the Inovair line of high efficiency blowers provides significant energy savings; 10 to 40% when compared with typical positive displacement and multi-stage blowers. Inovair blowers also feature superior durability and ease of maintenance relative to air bearing turbo blowers, as well as lower capital cost. Inovair blowers feature the latest centrifugal compressor designs, including proprietary impeller, transmission and control systems.

All Inovair products are designed, manufactured and serviced in our Kansas City headquarters campus. Inovair is the industrial products division of Accessible Technologies Inc, manufacturer of ProCharger superchargers.

Inovair[®]
Geared Centrifugal Blowers

PROCHARGER[®]
SUPERCHARGER SYSTEMS



IM 20 SINGLE



IM 30 SINGLE



IM 30 STACKED