

IO-20

25-100 HP

inovair[®]
Geared Centrifugal Blowers

MOST COMPACT AND ECONOMICAL GEARED CENTRIFUGAL BLOWER

The **Inovair IO Series** is the most compact and economical geared centrifugal blower on the market. The vertical design places the blower directly above the motor and results in an extremely compact footprint of 35" x 41". This design, combined with **Inovair's 2200** integrally geared compressor, TEFC induction motors and other standard components, produces a reliable, cost-effective blower for wastewater applications. Combining these design features with the IO Series' proven 10-35% energy savings, results in a unit that provides a high ROI and rapid payback. This rugged blower package also provides the long life and high pressure capability that are typical of integrally geared centrifugal designs. The **Inovair IO Series** blowers deliver the lowest cost per cfm and meets a wide range of airflow demands. Inovair geared centrifugal blowers are the ideal solution for bringing efficiency to lower HP applications. With proven durability, best in class efficiency, and advanced airflow controls, the **Inovair IO Series** blower package can improve operational performance while also significantly reducing operating costs.

- 10-35% ENERGY SAVINGS
 - DURABLE 2200 INOVAIR COMPRESSOR WITH AERO PACKAGES CAPABLE OF UP TO 1700 SCFM
 - ALLEN BRADLEY[®] PLC FOR INTELLIGENT CONTROL, INDUSTRY STANDARD VFD'S AND TEFC MOTORS
 - PROPORTIONAL BYPASS RELIEF VALVE
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- TOUCHSCREEN INTERFACE
 - AUTOMATIC BELT TENSIONER
 - DUAL HIGH CAPACITY INLET FILTERS WITH SILENCING
 - ETHERNET COMMUNICATION ENABLED
 - ANNUAL OIL CHANGES AT 24/7 OPERATION

η = Efficiency[™]



FEATURES

- The most economical geared centrifugal blower on the market
- Low cost investment with quick payback
- High Efficiency (10-35% energy savings over PD blowers)
- Intelligent air flow management
- Oil-free air
- Low discharge air temperatures
- Engineered and built in the USA
- Standard NEMA premium efficiency motors
- Automatic belt tensioner

TECHNICAL SPECS

Flow Capacity:	300-1700 scfm
Design Pressure:	up to 22 psig
Turndown Ratio:	2:1
Motor Power:	25-100 HP
Drive:	Standard VFD
Input Power:	230V-575V, 60 Hz
Impeller:	5-axis machined 7075-T6 Aluminum
Control System:	Integrated Touchscreen PLC

INOVAIR ADVANTAGES

- Annual maintenance intervals
- Up to 2:1 capacity turndown
- Greater process flexibility
- 35" x 41" footprint
- Industry-standard components
- Low Noise (80-95 dBA)
- 1-5 year payback

INOVAIR OPTIONS

- Bypass valve silencer
- Cabinet filter silencer

