



Backward Inclined Fans

One of our most popular fan types for both induced and forced-draft applications, backward inclined fans process high volumes of air at low static pressure levels. Process air must be clean with no particulate. Designs include a non-overloading horsepower curve.

Balanced Efficiency & Cost

Backward inclined fans are highly efficient, reducing utility costs when designed properly. While they are not as efficient as our backward curved models, the cost to purchase is typically lower. These fans are often the most effective option for many applications.

Guaranteed Reliability

Our mission is to be the #1 most reliable fan manufacturer. That's why we build the highest quality fans, prioritize on-time delivery, and include a 3-Year Warranty on all of our products.



Expert Ordering: Application Engineer Involvement

Working directly or through your rep, our Application Engineers keep the specification process efficient and customize any/all components necessary for optimal performance in your application.

Backward Inclined Design & Performance

At AirPro, our engineers apply decades of fan engineering experience to craft fan solutions. We build each fan with unmatched quality and reliability, and we back that up with responsive, respectable service.

Design Specs:

- Product Designations: BIHS, BIHD
- Single-width and Double-width models
- Arrangements: 1, 2, 3, 4, 4V, 7, 8, 9
- Size Options: 100-890
- Horsepower Range: Up to 1500 HP
- Wide range of custom options including materials, coatings, & linings

Performance Specs:

- Volume: up to 500,000 cfm
- Pressure: up to 25" wg
- Temperature: up to 1800°F
- Static Efficiency: up to 78%
- Drive: Belt, Direct, Direct-Coupled



For more information, visit
<https://airprofan.com/centrifugal-fans-blowers/backward-inclined-fan-blower/>.

Contact us at (715) 365-FANS (3267) or
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