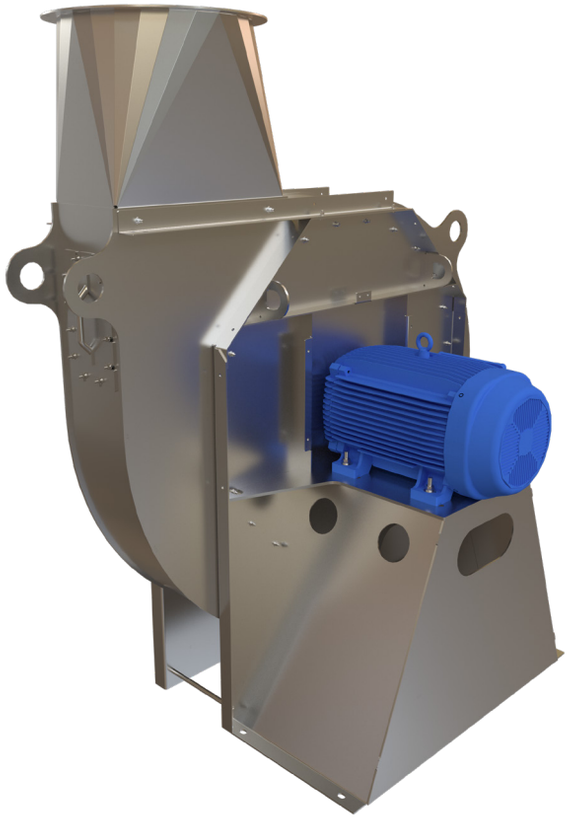
CINCINNATI FAN

Model HPBC Blower

The **Model HPBC Backward Curved High Pressure Blower** provides highly efficient performance where a higher pressure to flow ratio is required. The Model HPBC exhibits non-overloading characteristics typical to BC style wheels and is designed for clean air. This blower is available in mild steel and stainless steel 304 and 316. It is AMCA C spark resistant construction. For AMCA A/B or split housing availability, please consult the factory.

Performance Range:

- Static Efficiencies up to 78%
- Volume – up to 96,000 CFM / 163,000 m3/hr
- Static Pressure – up to 80“ @ 70°F / 20 kPa @ 20°C
- ARR 1 & 8 Standard Design Temperature – up to 300°F / 150°C
- ARR 4 Standard Design Temperature – up to 200°F / 95°C
- Maximum Temperature – up to 750°F / 400°C



Design/Construction:

- Type – Centrifugal Backward Curved Blades
- Diameters – 24 to 73 inches / 610 to 1854mm
- Partial Width – Down to 85% in 5% increments
- Belt Drive Arrangement 1 with Channel Base up to 250 HP
- Direct Drive Arrangement 4 up to the 540 size
- Direct Drive Arrangement 8

Typical Applications:

- Combustion air
- Pressure or vacuum drying
- Product Cooling
- Ejector air supply
- Liquid agitation
- Glass blowing and cooling
- Water blow-off
- Air pollution control
- Exhausting
- Pneumatic conveying
- Gas boosting

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