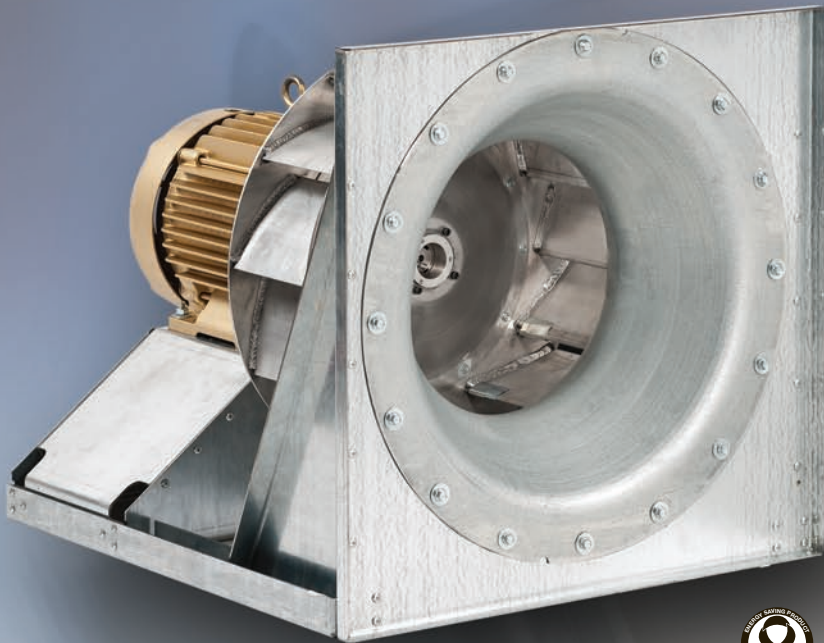


# CORUS

*Air Moving's Most Advanced Plenum Fan*

**Lau**



*Corus is the only **GREEN** plenum fan that can be used in **any design** or **any application**.*

## Corus Provides an Environmentally Superior Alternative to Conventional Fans

We've combined our comprehensive expertise and more than 80 years of air moving experience to design Corus, a plenum fan that is both economical and environmentally friendly.

That's why Lau...

- Eliminated all resonance conditions.
- Provided flexible operation points.
- Eliminated tonal annoyance.

## **Lau's Qualitone™ Wheel Reduces Blade Pass Tone by 10dB!**

### Vibration Free Guarantee...

*Corus guarantees no resonance conditions in the operating range so blocking out speeds on VFD's is history.*

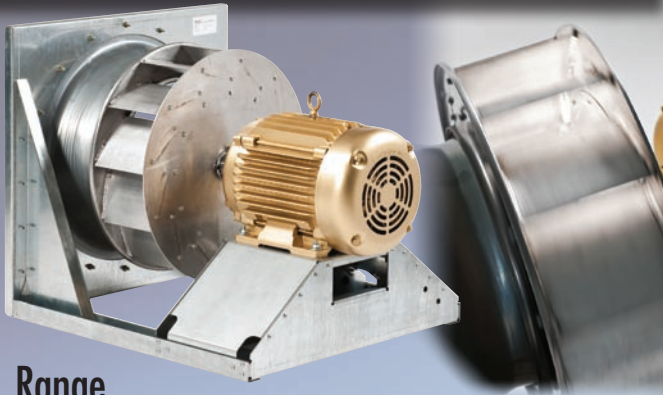
### Only Corus Delivers...

- Exclusive Qualitone™ Technology eliminating tonal annoyance, *no additional acoustical attenuation or added cost required.*
- Meets your operating points *every time* with selectable wheel widths.
- State-of-the-art software selection for easy catalog product integration or custom selection.
- The most efficient airfoil wheel design available.

INNOVATION + EXPERTISE

# CORUS

## Air Moving's Most Advance Plenum Fan



### Range

- Sizes: 105 – 445
- Performance: Up to 8 in-wg with 100% wheel width; Static efficiency to 72%
- Models: Isolated, non-isolated (for isolation base)

### Features

- Mechanically fastened, galvanized frame and motor stand with an aluminum wheel.
- FEA design eliminates ALL resonance conditions in running range.
- Exclusive Qualitone airfoil wheel – reduces tonal annoyance.
- Low maintenance – no belts, bearings or sheaves.
- Flexible wheel widths – precise operating point selections.

### Options

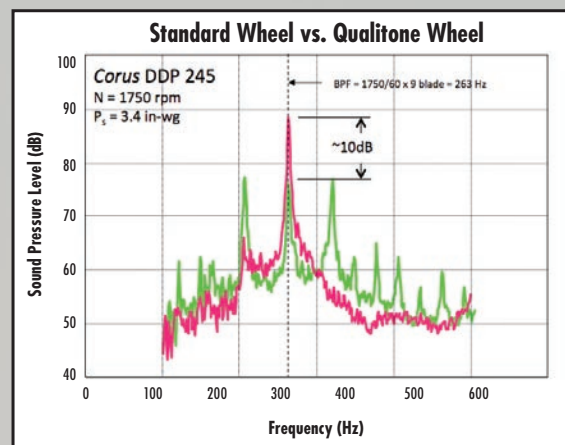
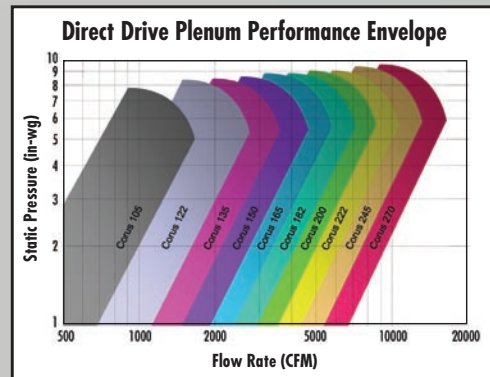
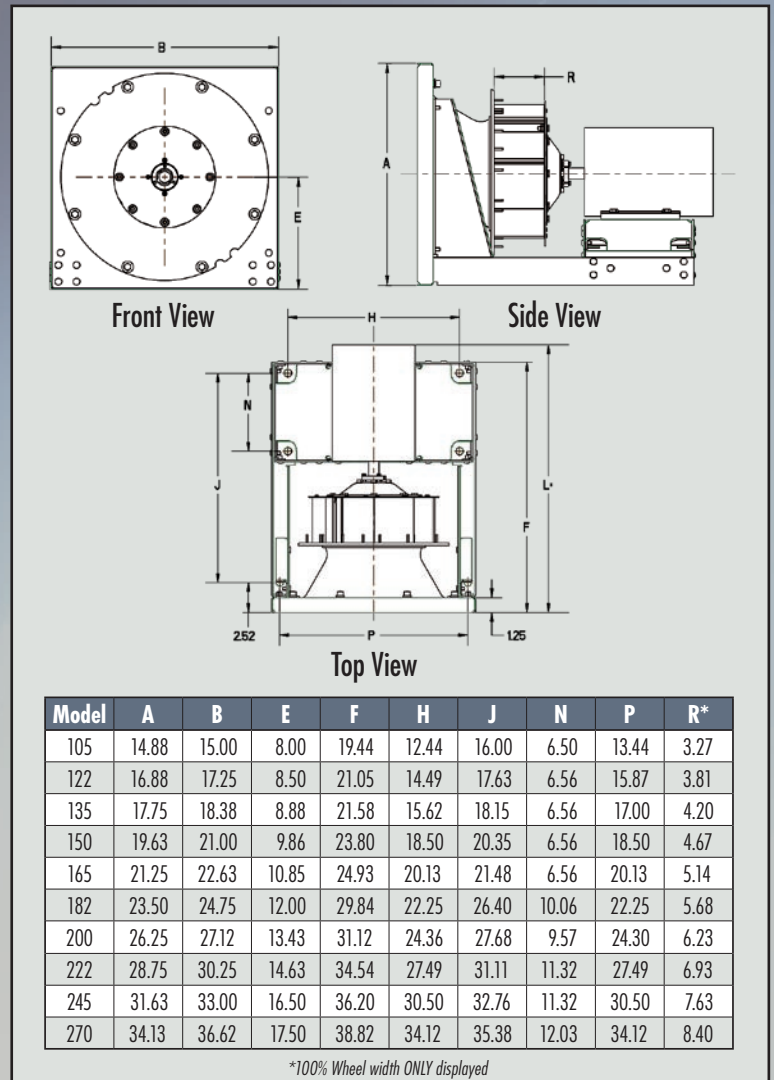
- Piezoring
- Shaft grounding
- Special motors
- Alternative coatings
- Low-loss inlet dampers



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All dimensions and performance data is approximate. Information subject to change without notice.

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