K-series axial fans are designed for application in factory assembled cooling towers and air-cooled heat exchangers. This is a pure Howden quality product, with superior performance at lowest power consumption and with timesaving features.

K-series fan blades, with the innovative “Aerotip” (patented) and the radius-cut inboard edge, have been designed for a high power recovery providing excellent aerodynamic performance.

The resilient and damped connection of the fan blades to the hub guarantees the fan will operate smoothly and silently without vibration problems.
K-series axial fans features

**Advantages**
- Assembly of a complete fan in 15 minutes.
- Blades can be assembled onto the hub in any sequence.
- Blade pitch angles are factory pre-set to match customers’ actual duty points.
- No need to re-pitch blades after start-up due to reliable fan selection data.
- Easy fan diameter reduction for out-of-tolerance fan casings.
- Reduced vibrations transmitted to cooler structure.
- Variable frequency drives (VFDs) can be used at any speed, except at cooler structure's natural frequency.

**Features**
- Fan diameters range from 5 ft. to 16 ft. K-series fans are designed for operation in both horizontal or vertical position.
- Standard operating temperature range from –46 °C to +120 °C (–5 °F to +248 °F).
- Extruded aluminium master-balanced fan blades are supplied pre-assembled.
- Resilient and damped connection of the K-series fan blades to the hub.
- High quality carbon steel fan hub for fitting to drive shaft with either a cylindrical bore or taper-lock bushing.
- Steel parts are cataphoresed (as for automotive suspension components) or powder coated for high-grade corrosion protection.
- Fan is packed in one box per cooler.