



Pelonis Technologies' innovative J Series Crossflow Fans are effective cooling products for applications with limited space that require low noise, operating efficiency, and long-term reliability.

#### **WIDE AREA COOLING**

J Series crossflow fans deliver a long and even airflow over a wide area and can be mounted horizontally or vertically in enclosures that have limited height or space availability.

#### **EFFICIENT OPERATION**

Models include Electronic Commutation (EC) motors that reduce power consumption and provide better performance and controllability while also running cooler than non EC types.

#### **DIRECT OR ANGLED AIRFLOW**

Straight 180 degree, 90 degree, and other angled airflow designs ensure the most optimal inflow and outflow efficiency.

#### **SPEED MONITORING AND AIRFLOW CONTROL**

Select fan models include tachometer output to MONITOR the fan's speed and Pulse Width Modulation (PWM) to CONTROL the fan's speed for more effective cooling.

#### **QUIET OPERATION**

Precision balancing of the fan impeller during multiple stages of the manufacturing process results in reduced vibration and low operating noise.

#### **LONG-TERM RELIABILITY**

Dual or three ball bearing fan designs include temperature-resistant aluminum alloy material that ensures

greater performance and reliability and long-life expectancy in high heat generating environments.

#### **QUALITY MANUFACTURING STANDARDS**

ISO manufacturing standards include continuous testing in accordance with ANSI/AMCA 210-99 for aerodynamic performance and ISO-3745 for determining sound power and energy levels.

#### **CUSTOM DESIGNS**

Custom designs include IP dust and moisture protection, stainless steel impellers, right or left side motor positioning, and modified lengths to fit specified enclosure sizes.

Common applications include:

- Computer equipment
- Thermal storage heaters
- HVAC equipment
- Hydroponic trays
- Power generation equipment
- Transportation vehicles
- Railcar heating systems
- Air purifiers
- Telecommunications
- Refrigeration equipment
- Wood-burning stoves
- Consumer appliances

J Series Crossflow Fans are quiet, energy efficient, and reliable cooling products that are ideal for applications that require a long and even tangential airflow across a wide area with limited height or space availability.