

Strobic Air Tri-Stack® for Critical Life Safety Exhaust Systems

- Low profile exhaust system
- Safety – high velocity and high dilution design safely exhausts contaminants
- Sustainable design – only manufacturer offering a standard 7-year warranty
- 95% less maintenance
- 66% lower vibration than competitors
- Mixed flow impeller
- Energy efficient operation
- Quiet operation
- Direct drive
- Engineered solution



Energy Recovery System

**7-Year
Warranty!**



Strobic Air has over 10,000 Tri-Stack® systems installed worldwide.

Quality

Experience

Efficiency

Reliability

STROBIC AIR
TECHNOLOGIES

A CECO Environmental Company

www.choosetrystack.com



CECO
ENVIRONMENTAL

Safety

The Tri-Stack® design uses a highly efficient discharge nozzle. This unique shape and design allows Tri-Stack® to maximize the amount of addition entrained air. This adds dilution to maintain high velocity and to ensure high effective stack height.

Efficiency

The Tri-Stack® line incorporates mixed flow impeller technology. This allows Tri-Stack® to use the best attributes of both centrifugal and axial fan technology. The result is a highly efficient, quiet impeller with no stall region.

Smart System Technology

The Tri-Stack® Smart System minimizes energy consumption. This is accomplished by staging fans, controlling the operating speed and minimizing bypass air. The system assures the lowest amount of allowable energy consumption, while maintaining a safe plume height. The Smart System will reduce operating cost and carbon footprint.

Energy Recovery Technology

Engineered energy recovery systems will reduce the rooftop footprint while maximizing the return on energy recovery.

Experience

Strobic Air has over 50 years of providing engineered solutions in varying markets. These markets include the mining industry as well as microchip and nuclear power plants. Strobic Air has over 25 years experience in developing an "engineered solution" for its line of pharmaceutical and medical research-critical life safety equipment.



Patented Acoustical Silencer Nozzle and Acoustical Wind Band®

Reliability

The direct drive system minimizes maintenance cost, energy loss, and drastically increases motor bearing life as compared to belt drive systems. Solid construction and superior balancing technology yields vibration levels that are not only a quarter of our competitors, but also well below AMCA's highest level grade of 6.3. All of this ensures a quality system that is designed to last well into, and even beyond the life of the building!

Patented Acoustical Silencer Nozzle and Acoustical Wind Band®

This technology significantly reduces fan outlet sound energy while adding zero pressure loss and maintaining the same low stack profile!

High Dilution Ratio

In addition to laboratory exhaust, the high dilution exhaust plume of the Tri-Stack® makes it ideal for applications such as diesel generator exhaust, odorous wastewater treatment facilities, and other applications where odor abatement and high dilution are necessary!



High dilution makes the Tri-Stack® ideal for exhausting diesel generator fumes.

Tri-Stack®
Smart System™

*Where Intelligence
Meets Economics!*



The Power of Innovation™

STROBIC AIR
TECHNOLOGIES

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700 Emlen Way, Telford, PA 18969
215-723-4700, 800-SAC-FANS, Fax: 215-723-7401
tristack@strobicair.com, www.choosetristack.com

