AEROACOUSTIC NOISE CONTROL FOR CHILLERS AND COOLING TOWERS

Dual Chillers Before Aeroacoustic Remediation, Complete With Recirculation Problems.

Dual Chillers After Installation Of Aeroacoustic Enclosure Flowing Approximately 300,000-SCFM


Sound Attenuation Systems For Chillers & Cooling Towers With A Demonstrated Noise Reduction Of Over 60 – dBA

* Patents Pending *
Typical Aeroacoustic Treatment For Cooling Towers

Figure 1 – Cooling Tower Before. (Haze Near Inlet Indicates Recirculation)

Figure 2 – Cooling Tower After.

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Website: www.aecnonoise.com
Tired of “Band Aid” Fixes to Chiller And/Or Cooling Tower Equipment That Creates High Maintenance, Air Recirculation, Higher Ambient Temperatures, Increased Power Consumption, Reduced Cooling Efficiency, Frequent Repairs and Yields Questionable Sound Attenuation?

Let AEC Provide A Tight-Fitting Aeroacoustic System (Patents Pending) That Is GUARANTEED Aerodynamically & Acoustically Correct For Your Site-Specific Installation And Say Good-Bye To All The Old “Band-Aid” Problems!
Typical Products
Sanitary Shielding
Conveyor Covers
Enclosures
Reactive Silencers
Sanitary Walls & Ceilings
Thermal Panels
Containment Systems
CIP Systems
Filter-Silencer Packages
Pressurized (+/-) Enclosures
Portable Enclosures
Washable Silencers
Low Profile Silencers
H.P. Steam Silencers
Vibration Isolation

Typical Applications
FDA*USDA*NSF
Food*Dairy*Beverage
Aerospace*Medical
Clean Rooms
Pharmaceuticals
Biogenetics
Fume and Particulate Containment
Burst Protection ● Puffers
Packaging & Bottling Lines
Size Reduction Mills
Process Air ● Cleanbenches
Classifiers: Pneumatic & Mechanical
Blower ● Fans
Filing/Capping/Labeling
Semiconductor (VLSI & ULSI)
Pumps ● Sterilizers
Refrigeration ● Chillers
Compressors ● Screens & Sieves
● Granulators
Presses ● Vacuum Systems
Filter Housing
HVAC ● Valves ● Dryers
Ultrasonic Welders ● Waterjet Cutters

Typical Products
Duct & Transition Silencers
Cross Talk Silencers
Acoustic Louvers
Reactive Silencers
Elbow Silencers
Connectors & Expansion Joints
Filter-Silencers
Dissipative Mufflers
Low Profile Silencers
Turning Vanes
High Pressure Vent Silencers
Electric Motor Silencers
Vortex Silencers
Cone Silencers
Acoustic Diffusers
Isolators & Hangers

Typical Applications
Cooling Towers ● Catalytic Converters
Wall Openings ● Heat Exchangers
Gas Turbines ● Fluidized Beds
EnGen Sets ● Compressors
Exhaust Stacks ● Forced Draft Fans
Ejectors ● Eductors
Fume Extractors ● Valves
Process Air ● Wind Tunnels
HVAC: Supply & Returns
Clean Rooms ● Dust Collectors
Precipitators ● Refiners
Burners ● Cyclones
Air Curtains
Pneumatic Conveyors
Turbo Chargers
Pumping Stations ● Air Wipers/Knives
Blower ● Fans
Evaporative Coolers
Vacuum Lines
Roof Exhausts

Typical Products
Acoustic Panels
Thermal Panels
Thermal/Acoustic Panels
Isolation Ceilings
Acoustic Doors & Windows
Absorption Panels
Functional Absorbers
Composite Barrier & Curtain Systems
Septum Panels
Ventilation Systems
Acoustic Floors
Fan & Blower Plenums
Reverberant Panels
Acoustic Machine Guards
Floating Floors
Vibration Isolation

Typical Applications
Plasma & Waterjet Cutters
Pumps ● Marine Equipment
Motor Generator Sets
Printing Presses ● Atomizers
Soundproof Partitions
Machine Enclosures
Acoustic Tunnels ● Theaters
Factory Office ● Sound Studios
Sound /Barrers ● Equipment Pent Houses
Conference Rooms
Compressors ● Filter Houses
Acoustics Test Environments
Sports Arenas
Acoustic/Thermal Plenums
Transformer Enclosures
A/V Communication Centers
Emergency Power Units
Control Rooms ● Grinders
Vibration/R.F. Test Rooms
Audiometric Test booths
Fan/Blower Inlet Boxes
Cooling Tower Enclosures
Hammer & Ball Mills
Dust & Fume Control

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