

NOISE SUPPRESSION SYSTEM



TOTAL VALUE. TOTAL SYSTEMS.™



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GSI's standard low speed 1725 rpm blades make GSI axial fan dryers much quieter than in the past at a level that OSHA allows for continuous 6 hour exposure 15' away. Though most situations do not require the Noise Suppression System those that want their dryer to be ultra quiet, even quieter than the competitive centrifugal fan models, the system will reduce the noise level at 15' to one fourth the OSHA 8 hour exposure limit.

- Self supporting, galvanized and powder coat steel outer construction for long life.
- High tech noise absorption material provides for maximum noise reduction, reducing the perceived noise from our previous design by 50%.
- Designed and sized to not reduce air delivery by the fan to maintain rated capacities.
- Easy to install with minimal time and effort.
- Reduces decibels at 15' from 93dB to 82dB, lowering noise to less than 15% of the original level.
- Quieter than competitive dryers with centrifugal fans by 3dB, which is half the perceived noise.
- Retrofit-able to all previous GSI and Farm Fans axial fan dryers.
- Allows use of axial fans which are over 30% more efficient at delivering air than a centrifugal fan, while increasing motor life significantly by reducing the start up load and time.
- Open top and bottom allows for easy service and maintenance of the fans and motors. Does not interfere with any other dryer operations.



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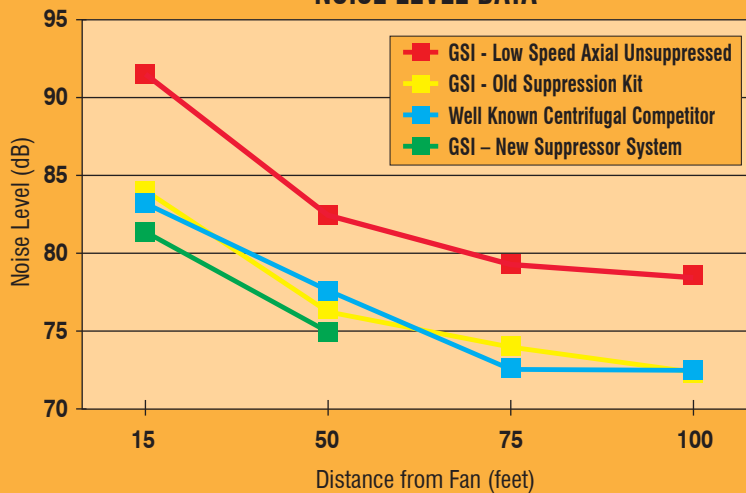
SIMPLE ASSEMBLY AND INSTALLATION

- About 1.5 hours of installation time per fan.
- Fewer bolted connections.

BETTER NOISE REDUCTION

- Noise levels 3 dB lower than previous suppression system at 15 ft. distance
- The dB scale is Logarithmic. 3 dB's reflect a half reduction in noise level.

NOISE LEVEL DATA



Noise Level Chart

- 125 dB: Threshold of pain, pneumatic riveter at 4'
- 115 dB: Loud rock music
- 100 dB: Subway train, loud motorcycle
- 95 dB: Level that sustained exposure may result in hearing loss
- 85 dB: City traffic (inside car)
- 60-70 dB: Normal conversation at 3-5'



Pictured above is a Noise Suppression System installed on a 2326 X-Stream dryer. Systems are also available for one and two fan single module dryers.



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