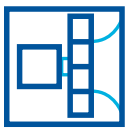


# THE YORK<sup>®</sup> AIR HANDLING ACOUSTIC CONDITIONING TOOLKIT

How to use the YORK<sup>®</sup> Air Handling Acoustic Toolkit.

## A Sample System with YORK<sup>®</sup> Acoustic Conditioning Toolkit Technologies Applied.

The YORK<sup>®</sup> Acoustic Conditioning Toolkit allows our engineers to tailor and tune the acoustic signature of an air handler by applying the right solution(s) for a specific application. To get an idea of how these technologies are applied, the following pages show how acoustic performance is affected in a sample system. In these pages, you will see results from a combination of the following technologies:



### Fan Selection

Sound generated within an air handler typically starts with the fan. With ratings based on laboratory testing in accordance with AHRI Standard 260 and AMCA Standard 300, we can help you select the right fan system for your application.



### Acoustic Liners

Without added length or any reduction in pressure, acoustic liners are ideal for direct drive plenum fans and are engineered for scalability and cost-effective insertion loss.



### Acoustiweir<sup>™</sup>

YORK<sup>®</sup> Acoustiweir<sup>™</sup> is a proprietary technology that reduces discharge sound levels in single or dual plenum fan applications while maintaining a compact unit footprint.



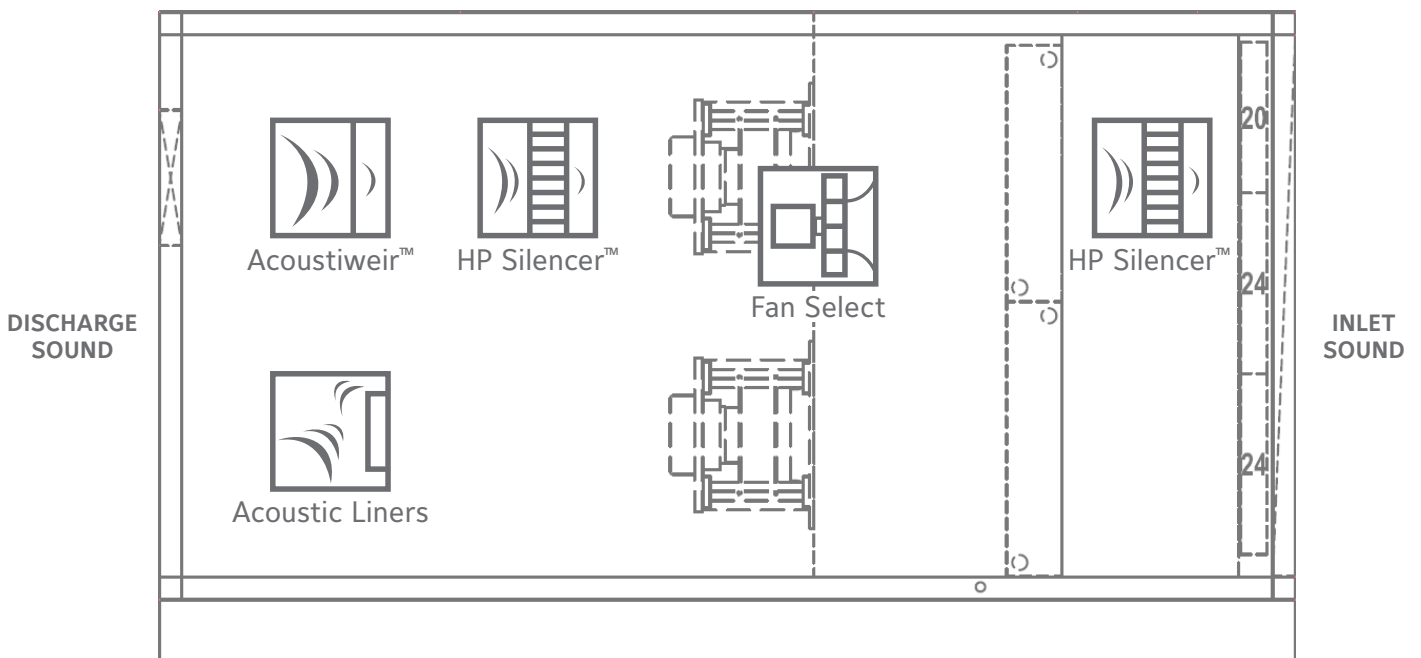
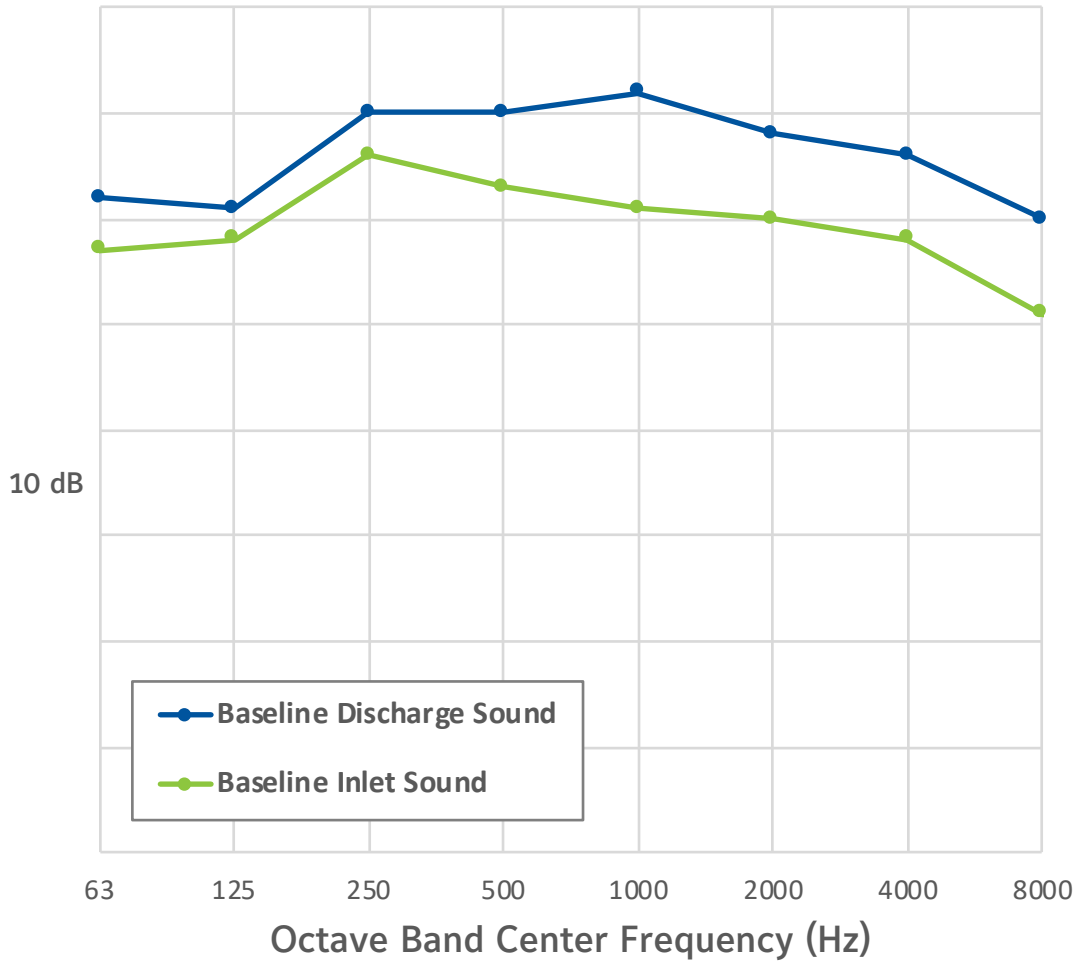
### High Performance Silencer<sup>™</sup> (HPS)

Available exclusively in YORK<sup>®</sup> AHUs, the HPS is the first silencer specifically designed for use in air handlers. It offers excellent low-frequency acoustic performance in 50% less space.

At YORK<sup>®</sup>, our goal is to engineer air handling systems that contribute to improved indoor environmental quality while maintaining a compact unit footprint. We've developed advanced acoustic technologies that tailor air handling sound performance to specific applications – and to your specific needs.

**Since every project is different, the results in your system will vary from data shown in the following pages.**

Call us at **(855) 367-6441** to learn how YORK<sup>®</sup> acoustic conditioning can be applied in your specific application.

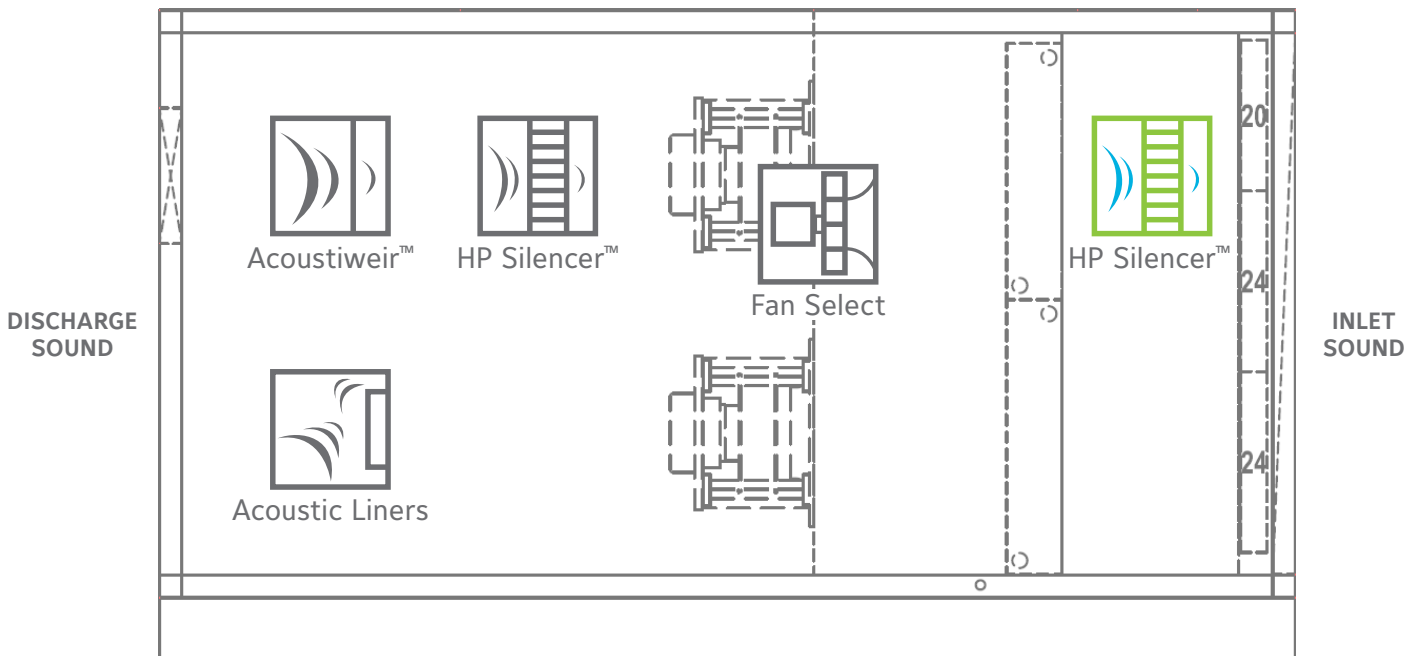
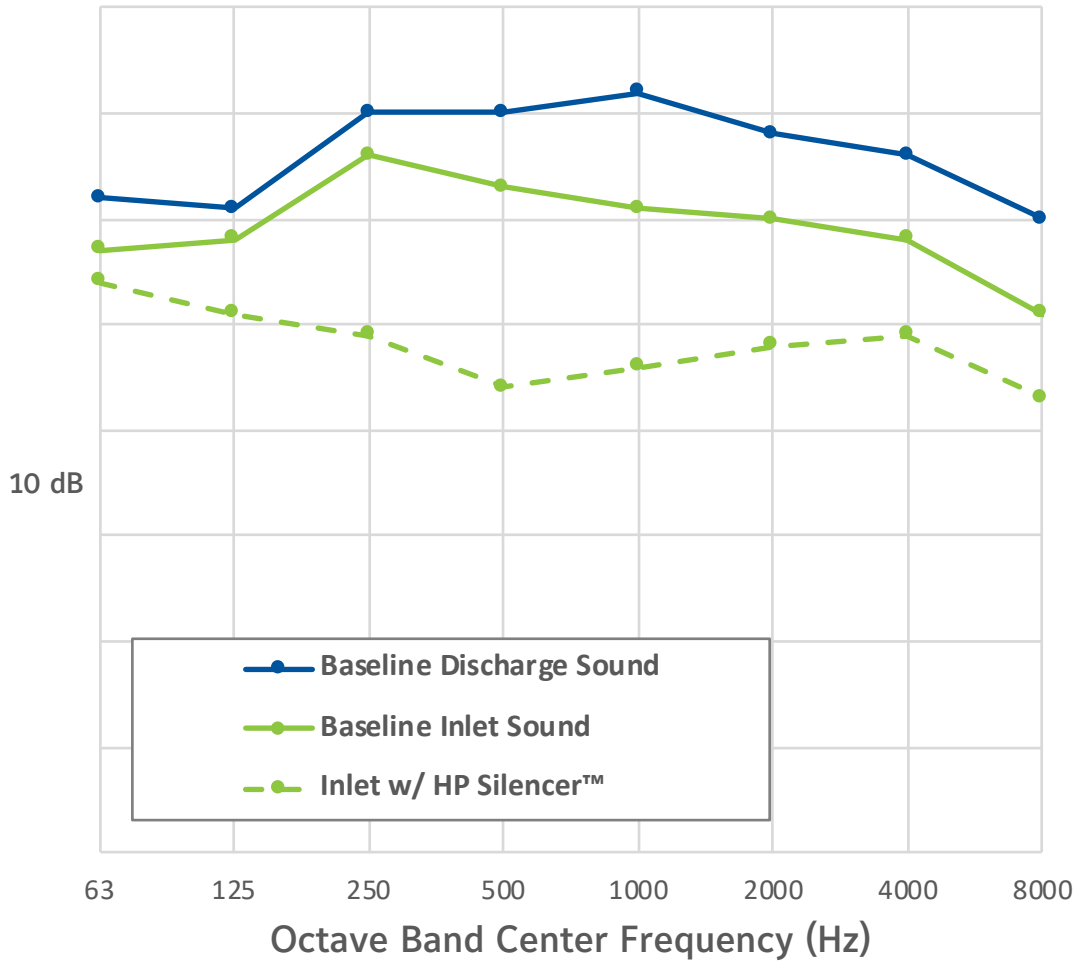


Acoustic Liners

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Fan Select

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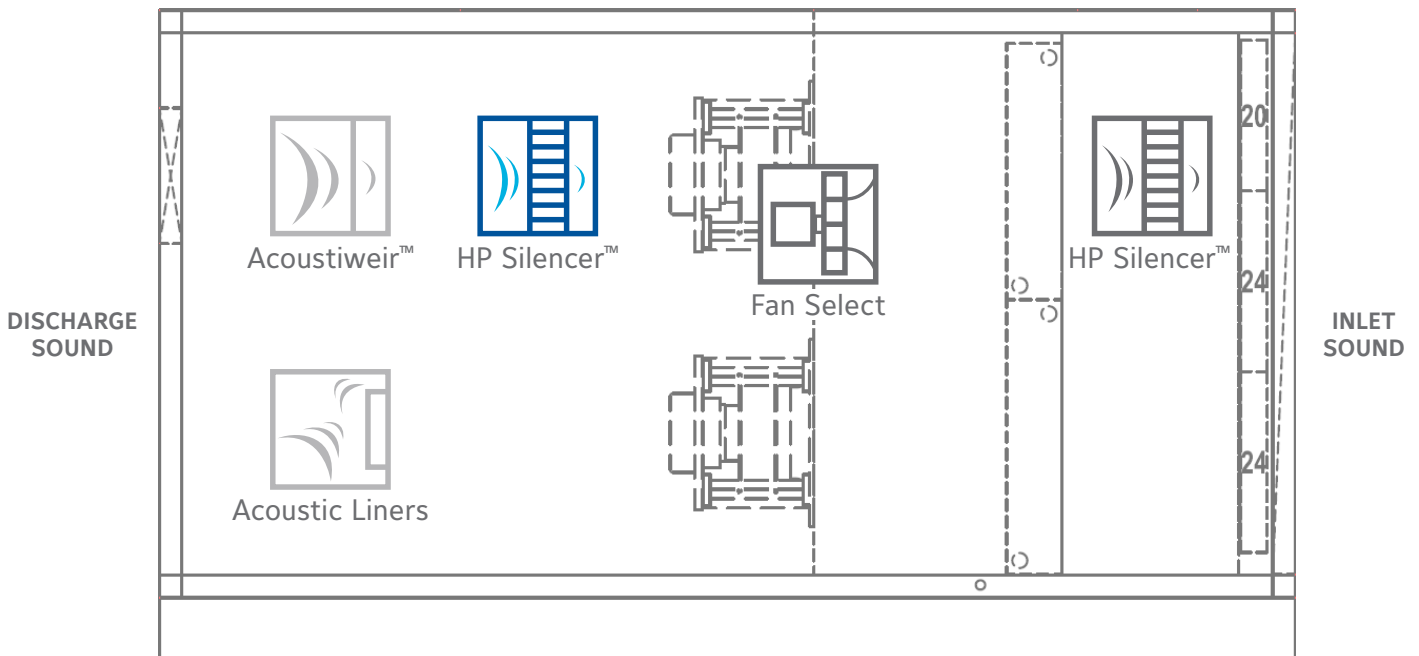
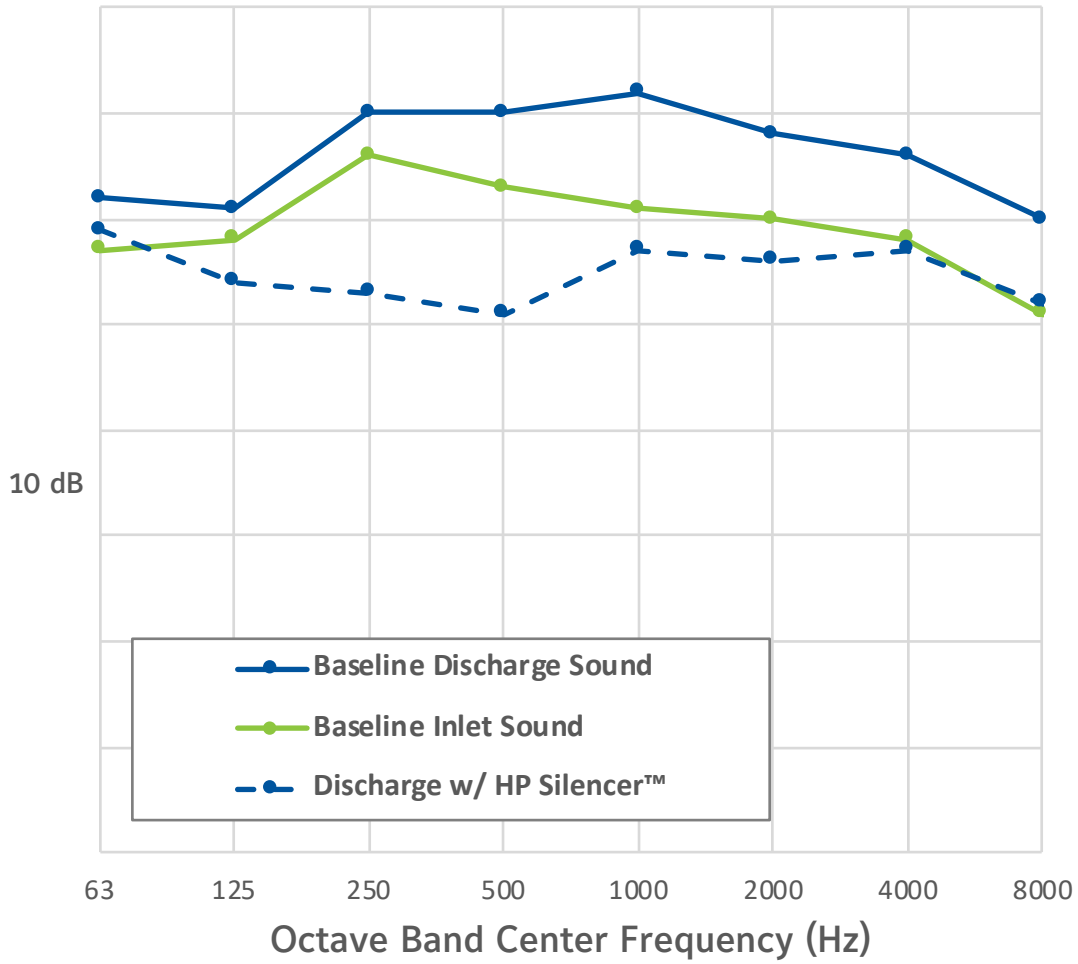


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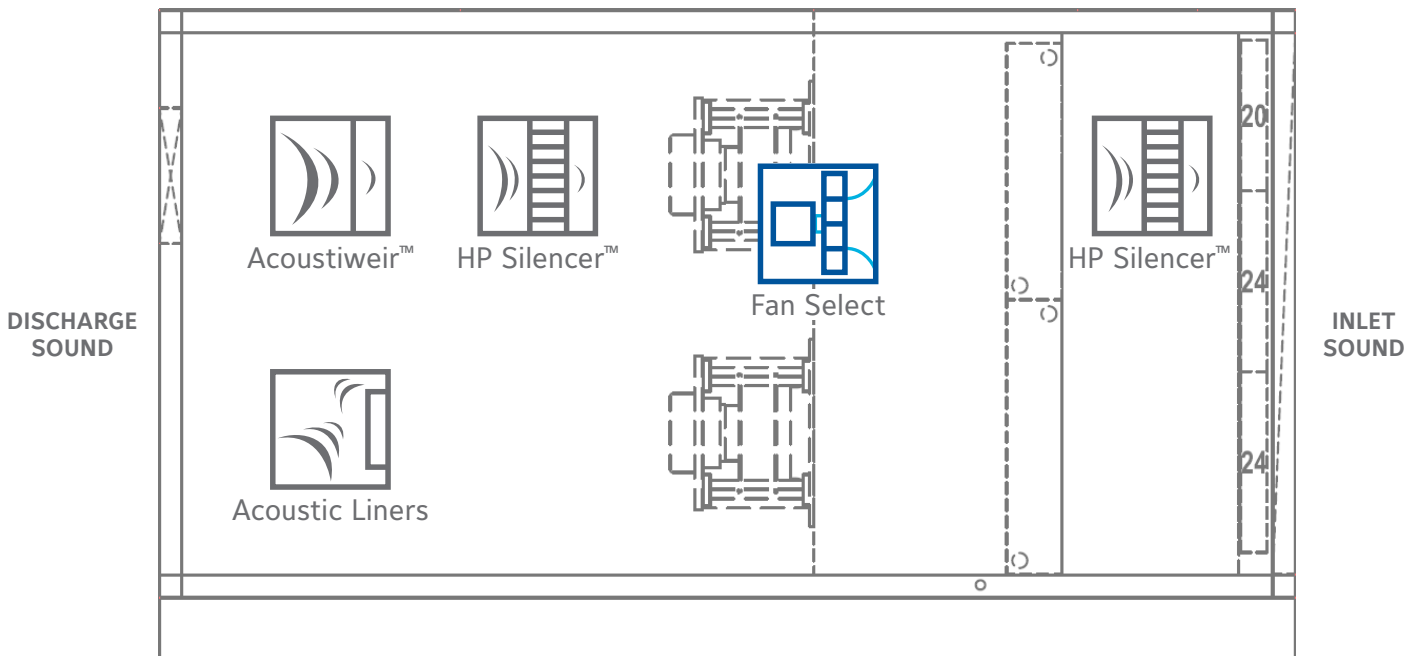
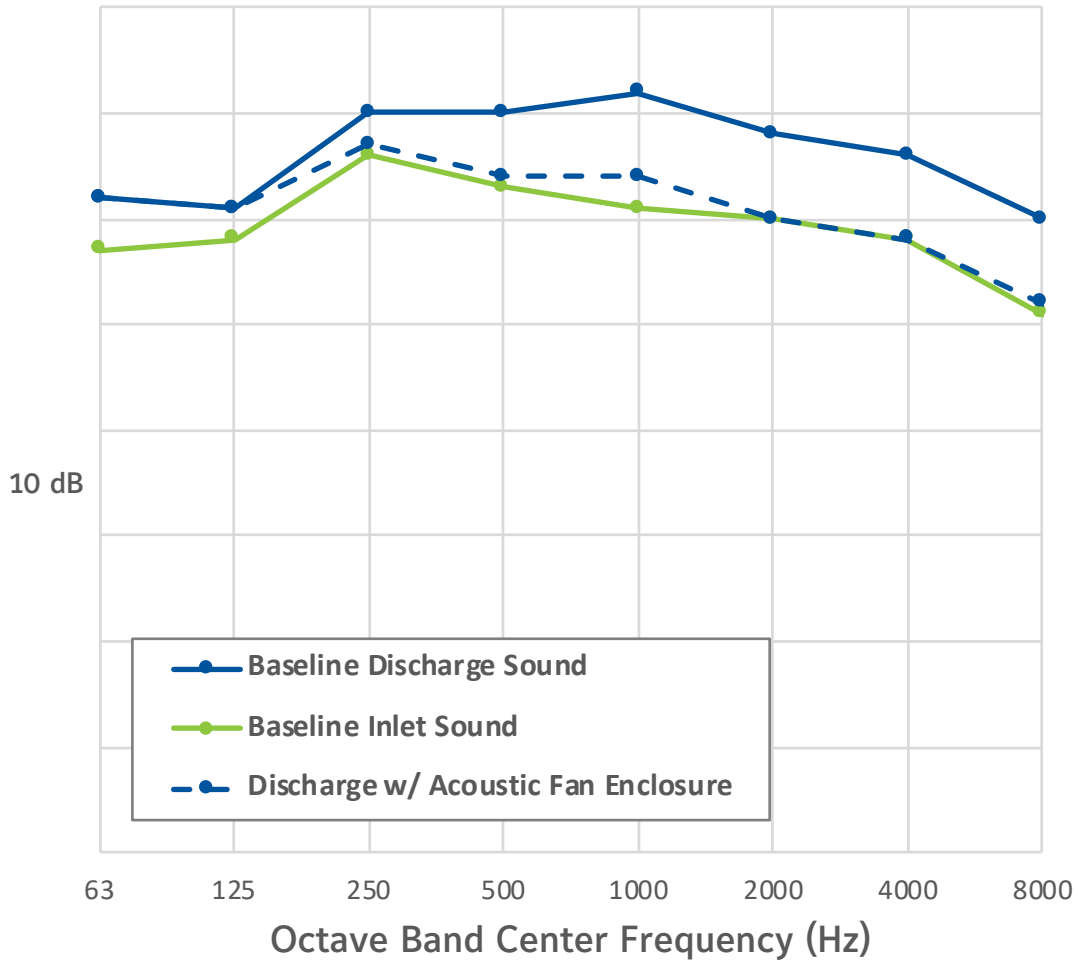


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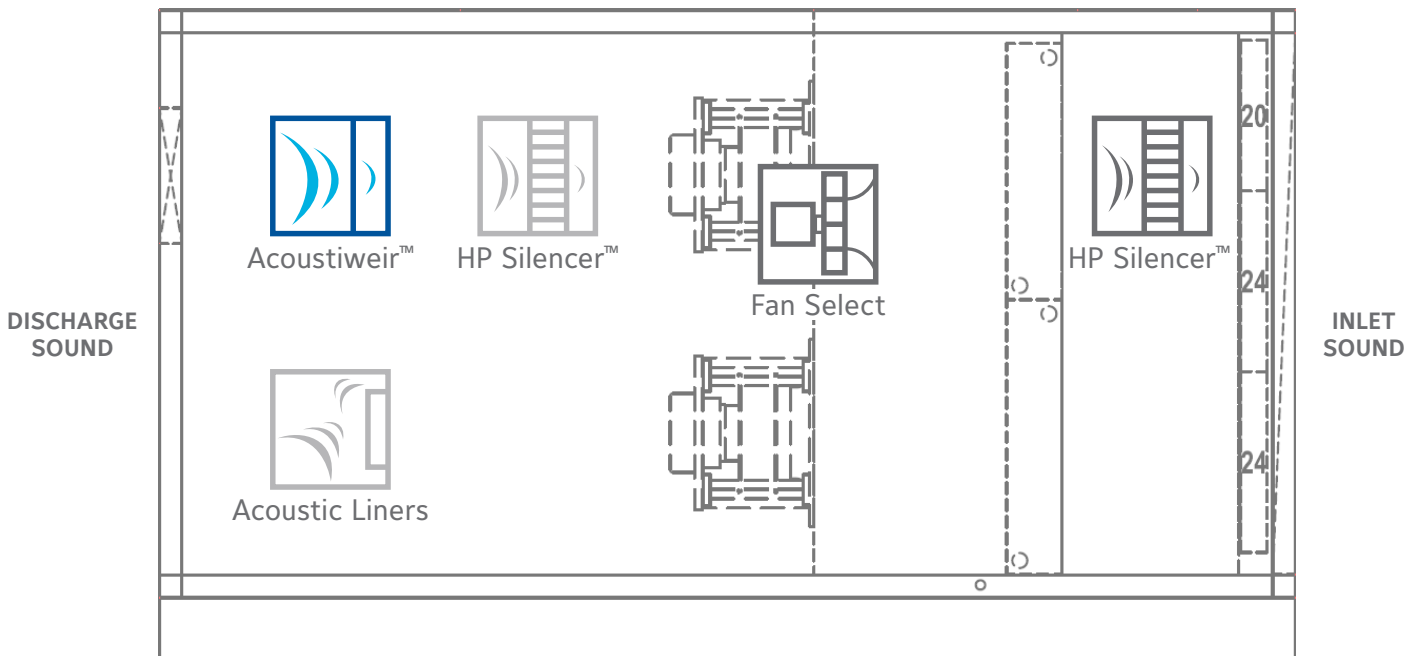
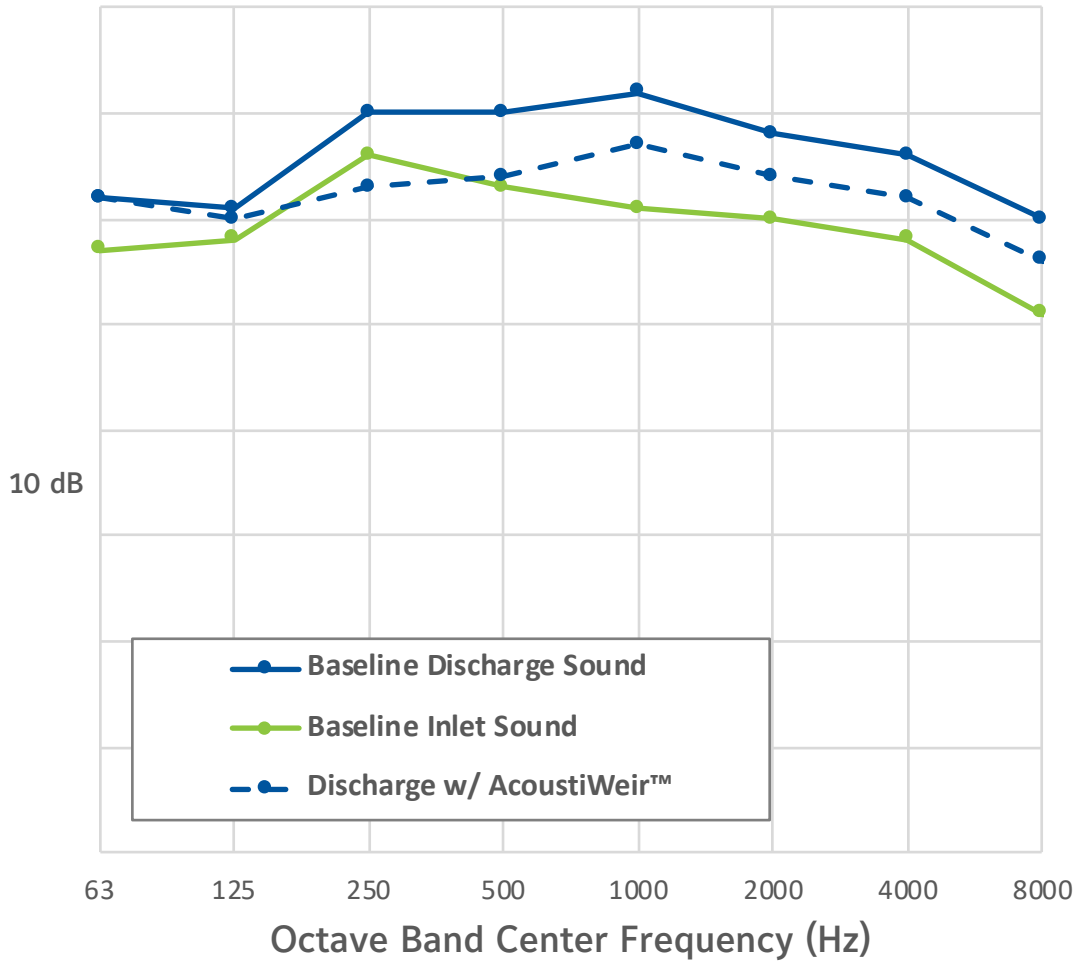
Acoustiweir™

Fan Select

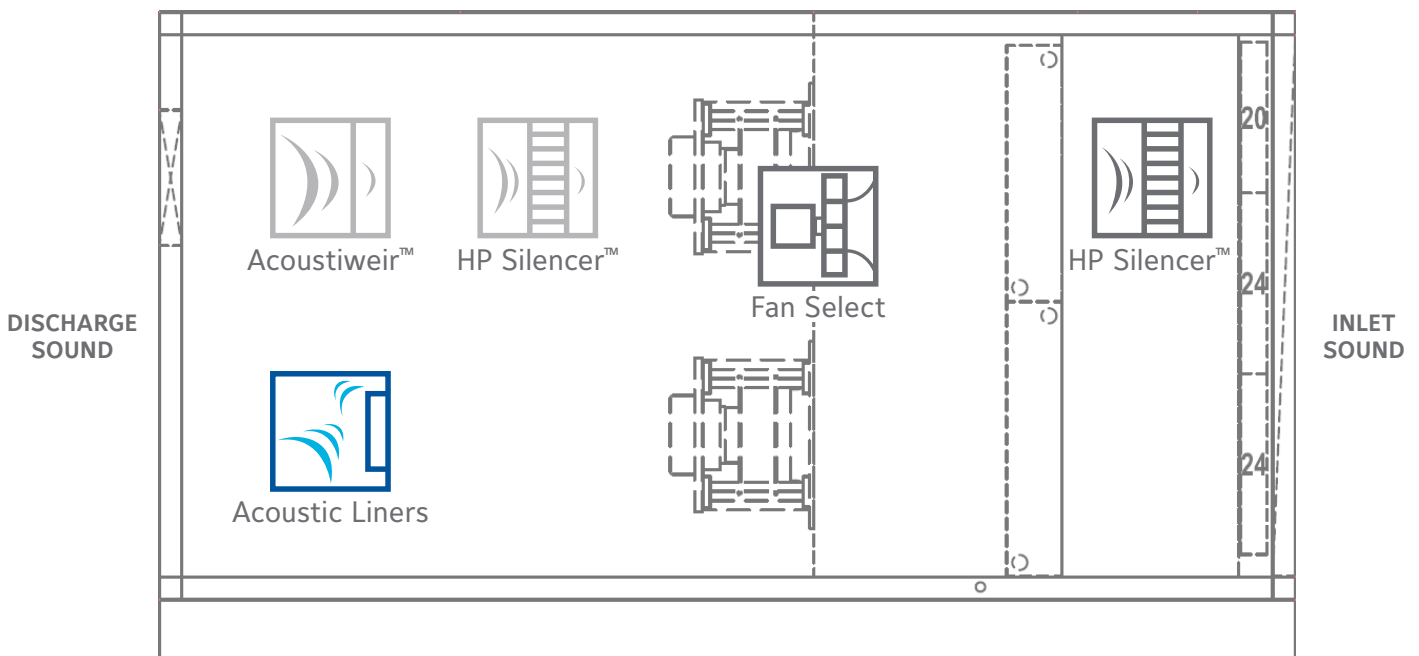
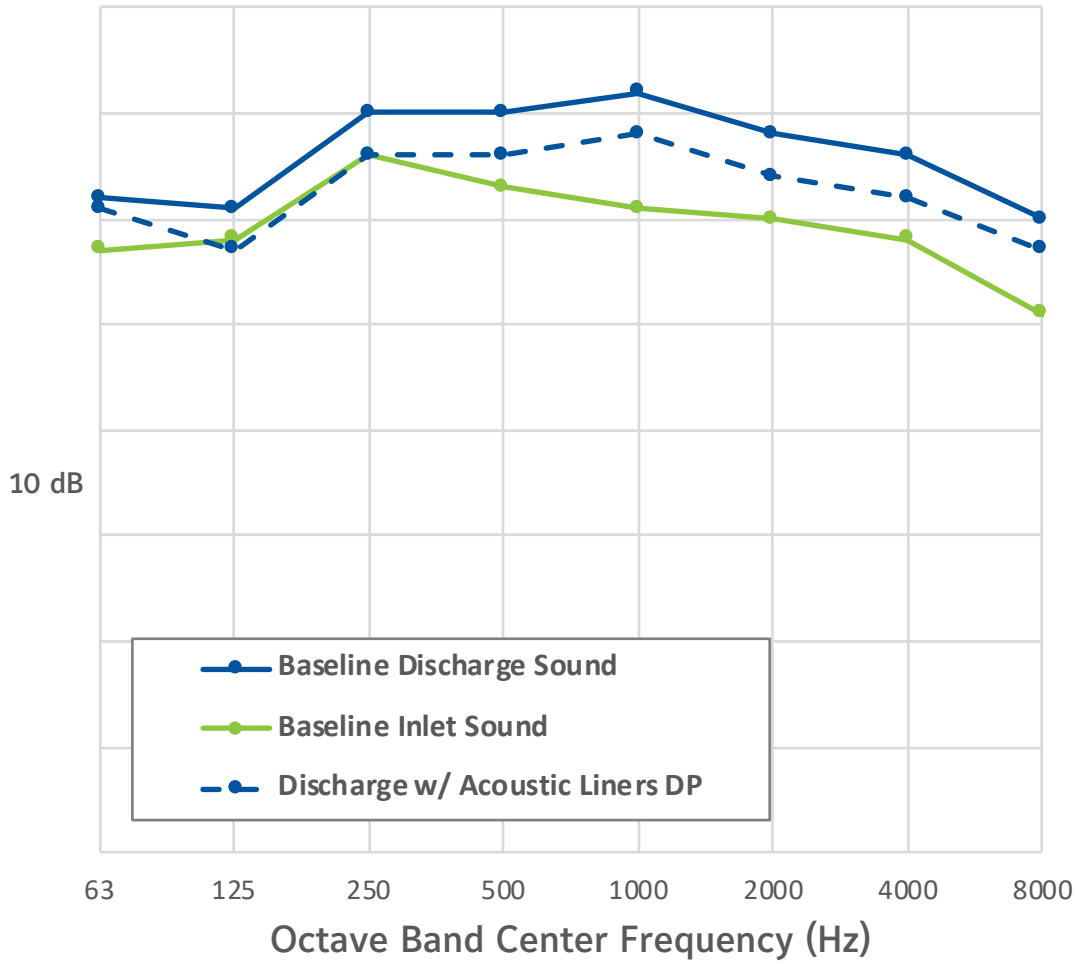
HP Silencer™



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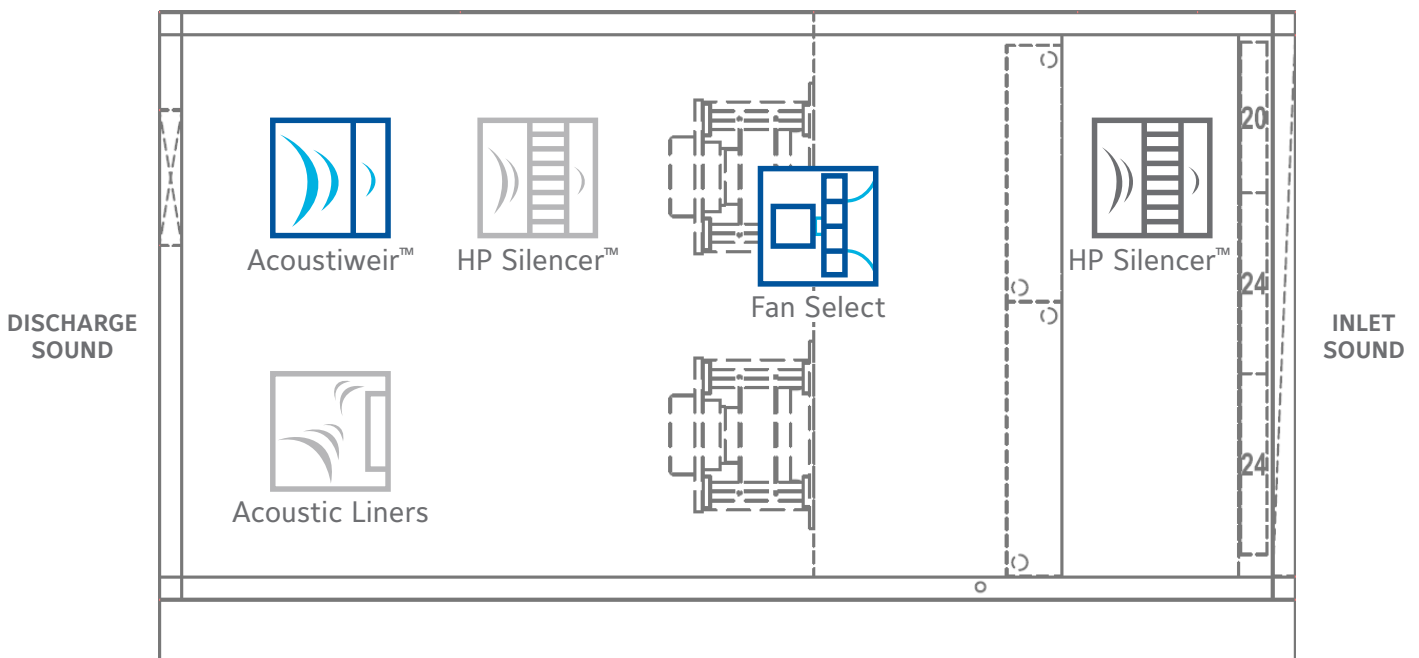
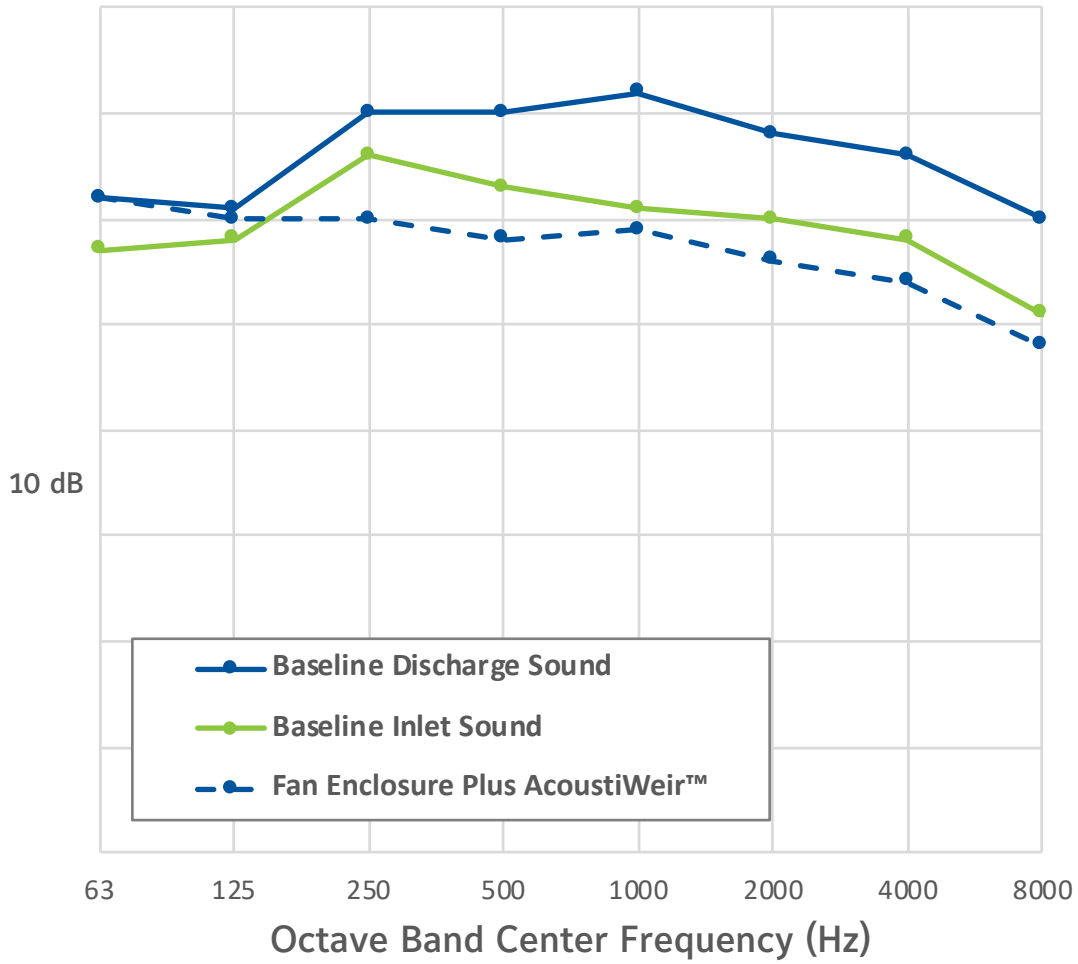


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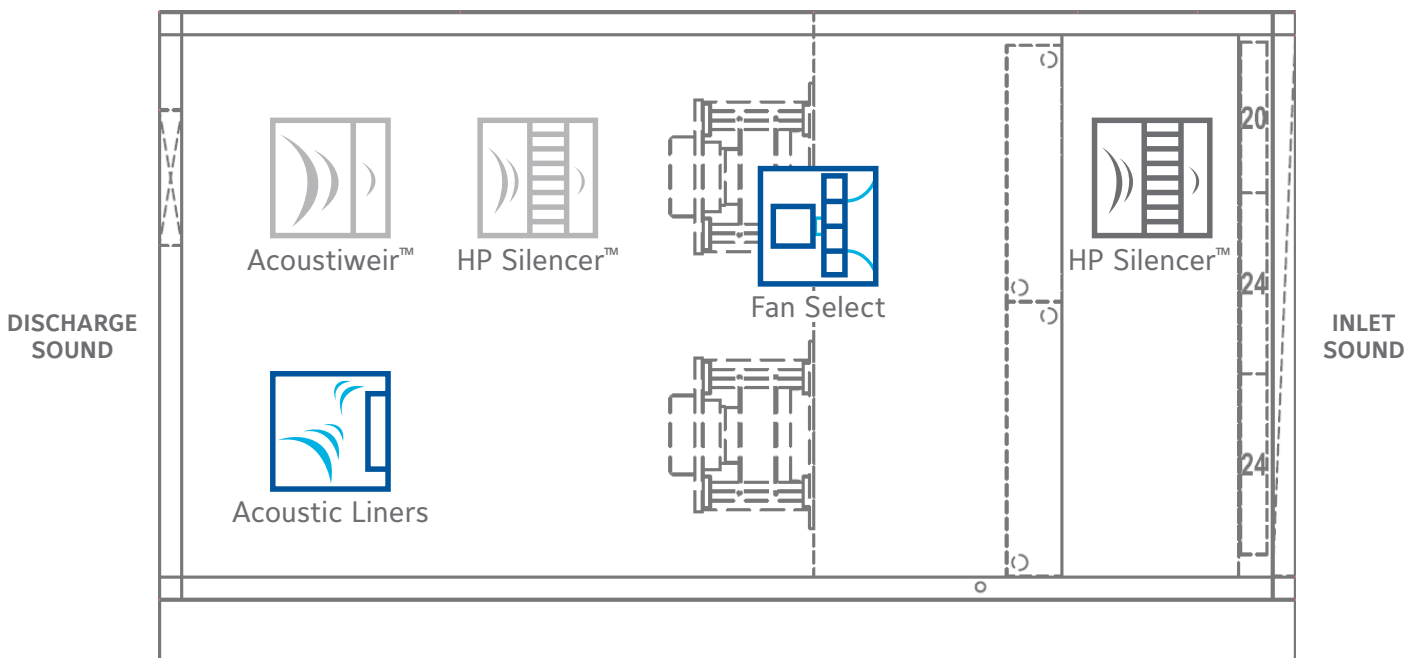
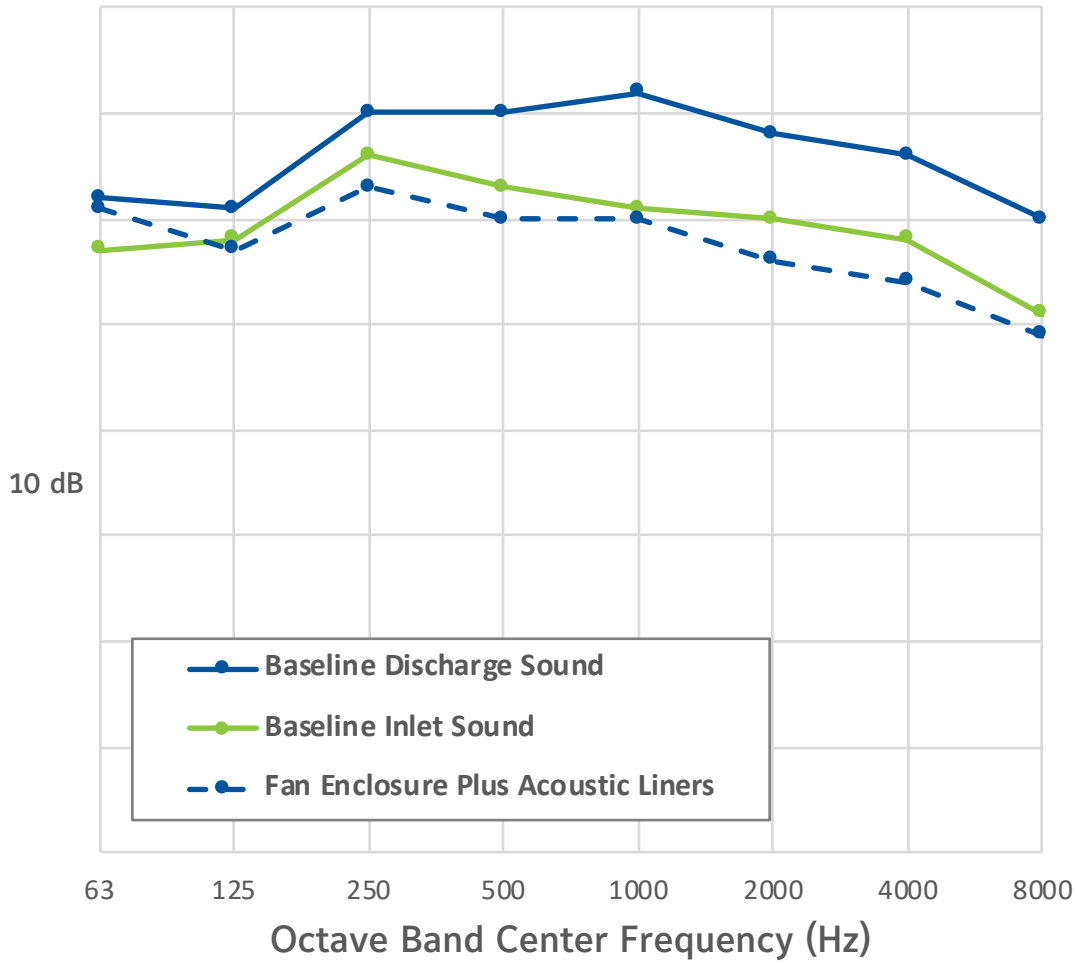
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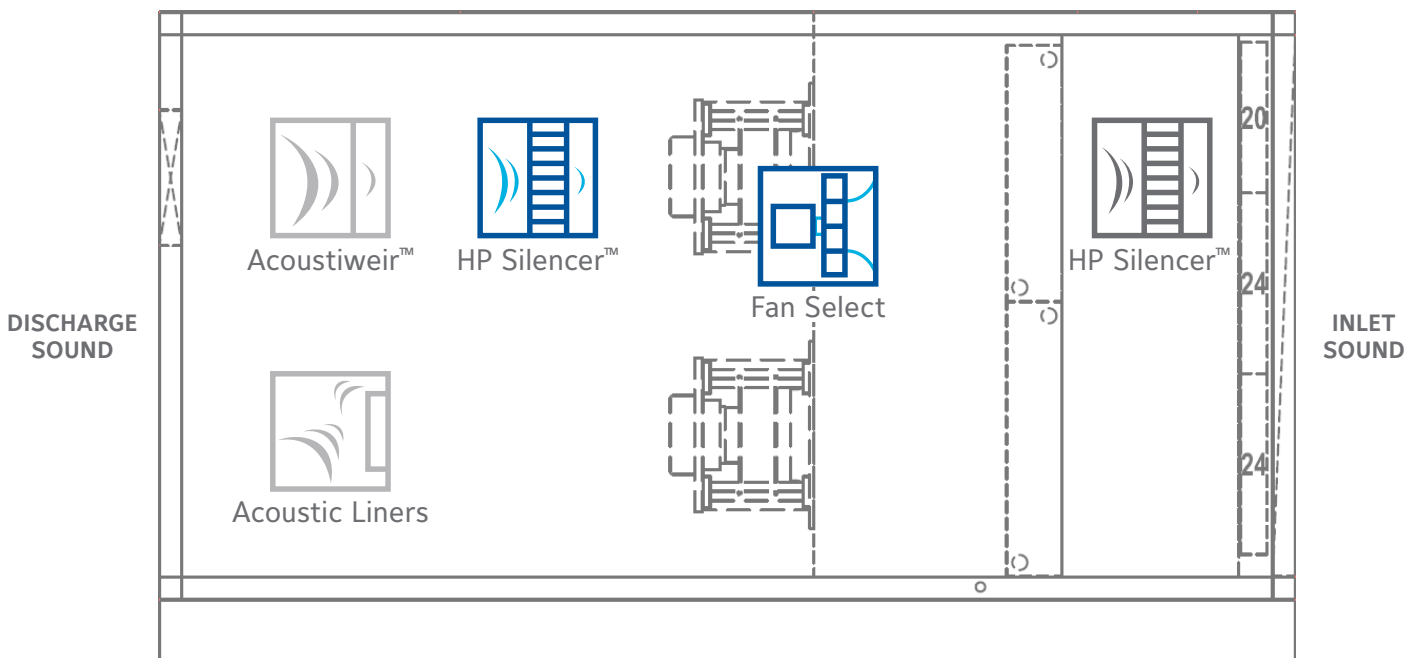
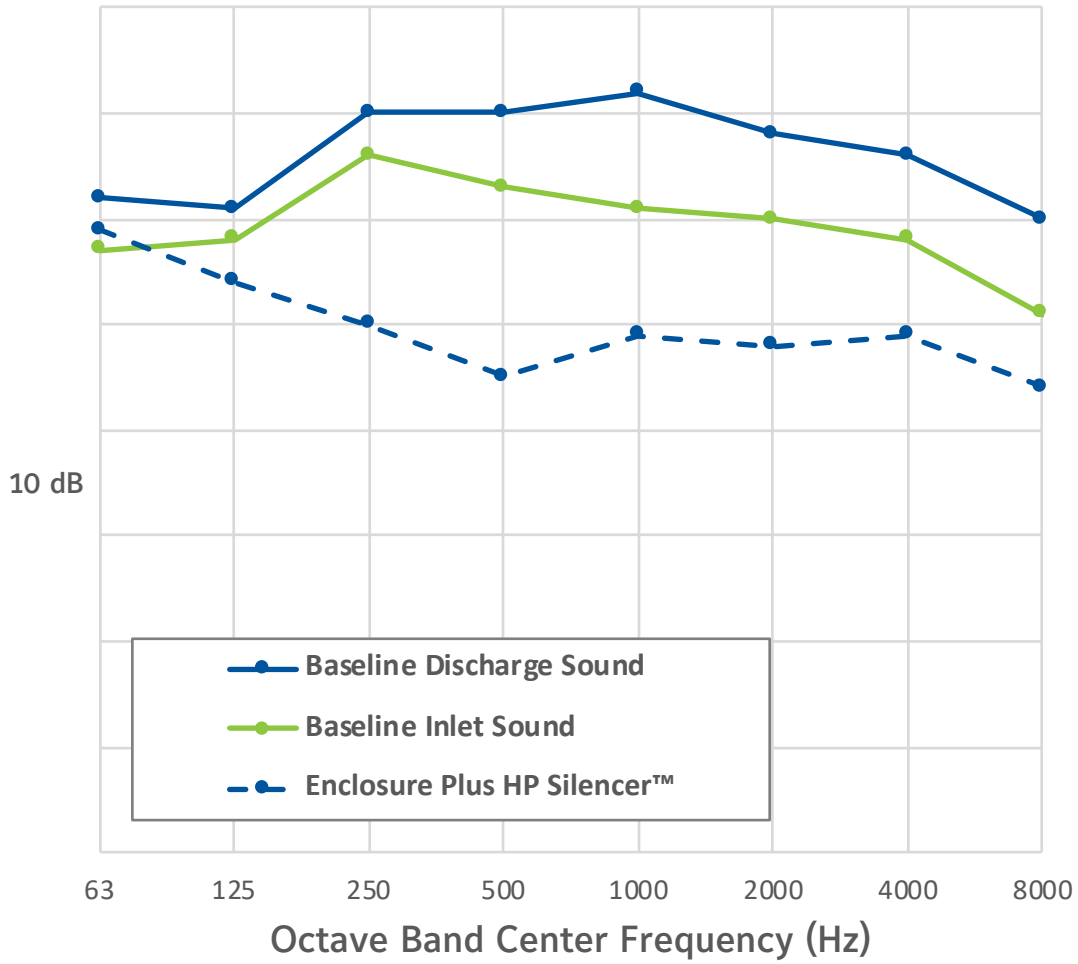


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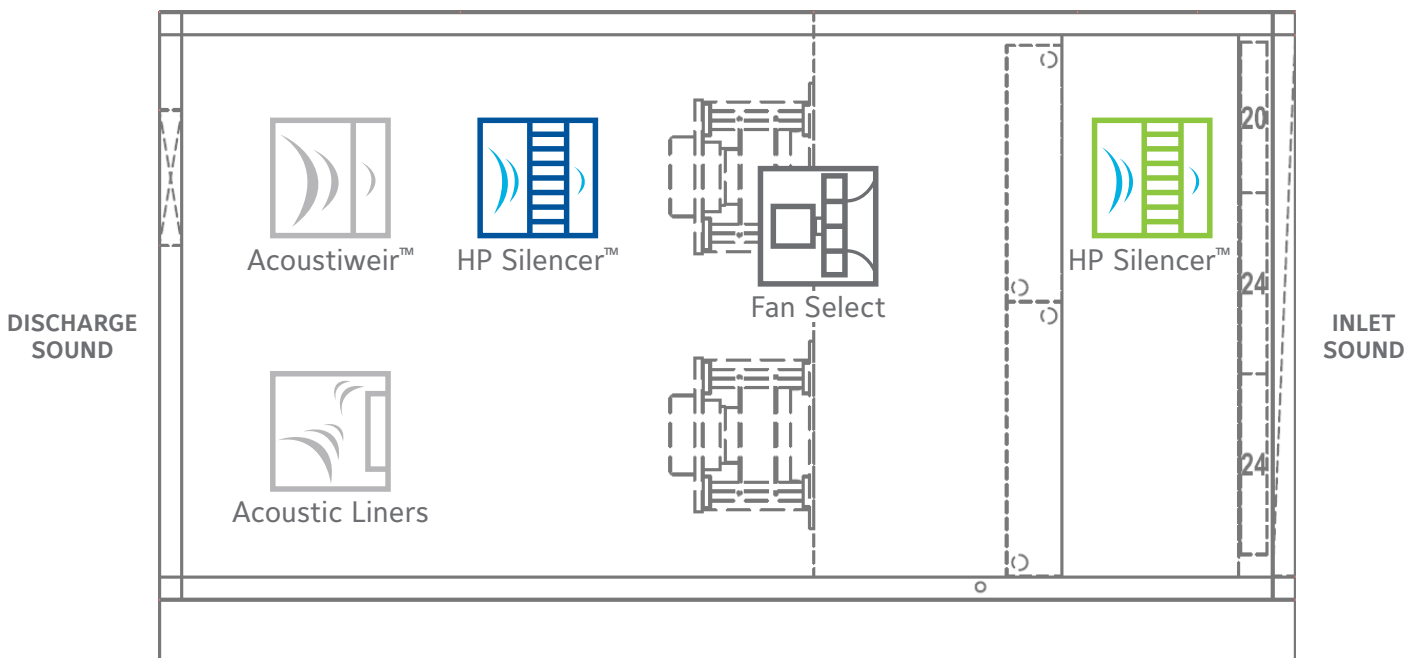
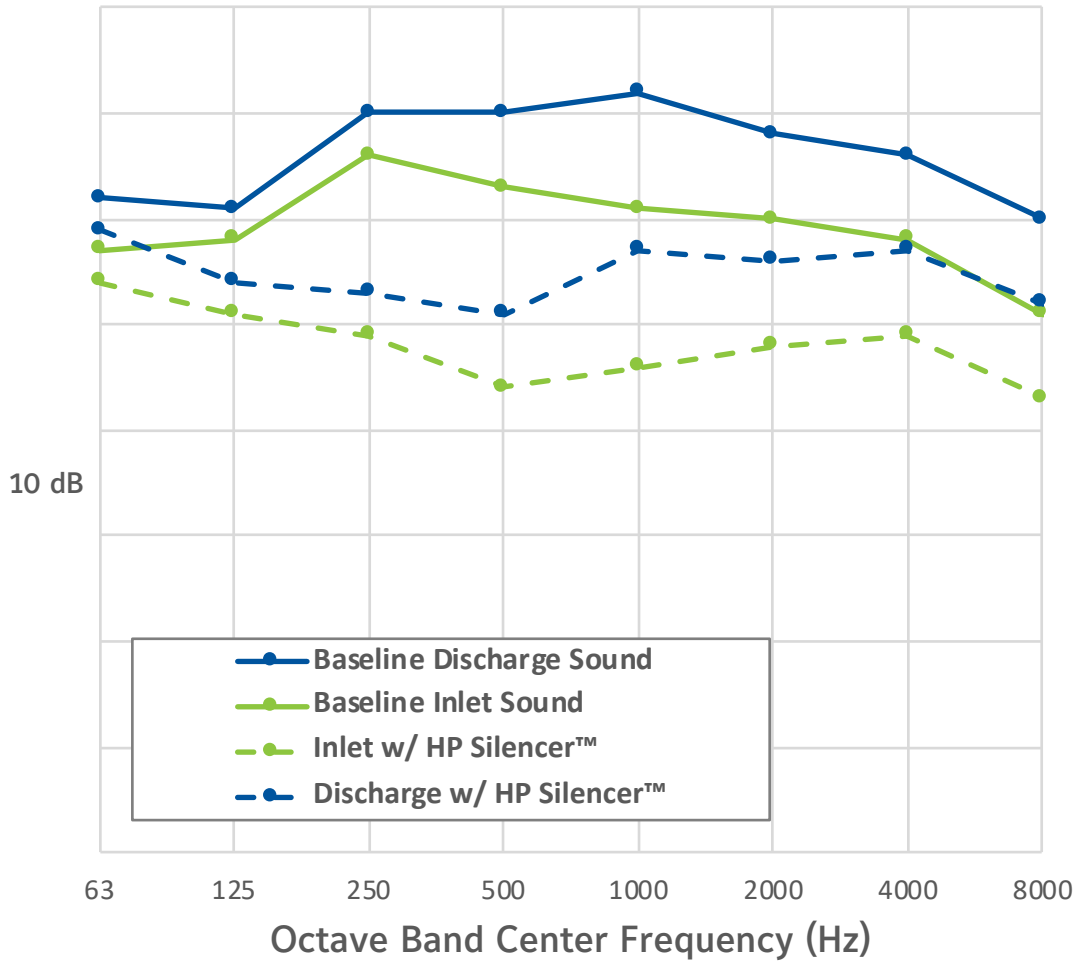


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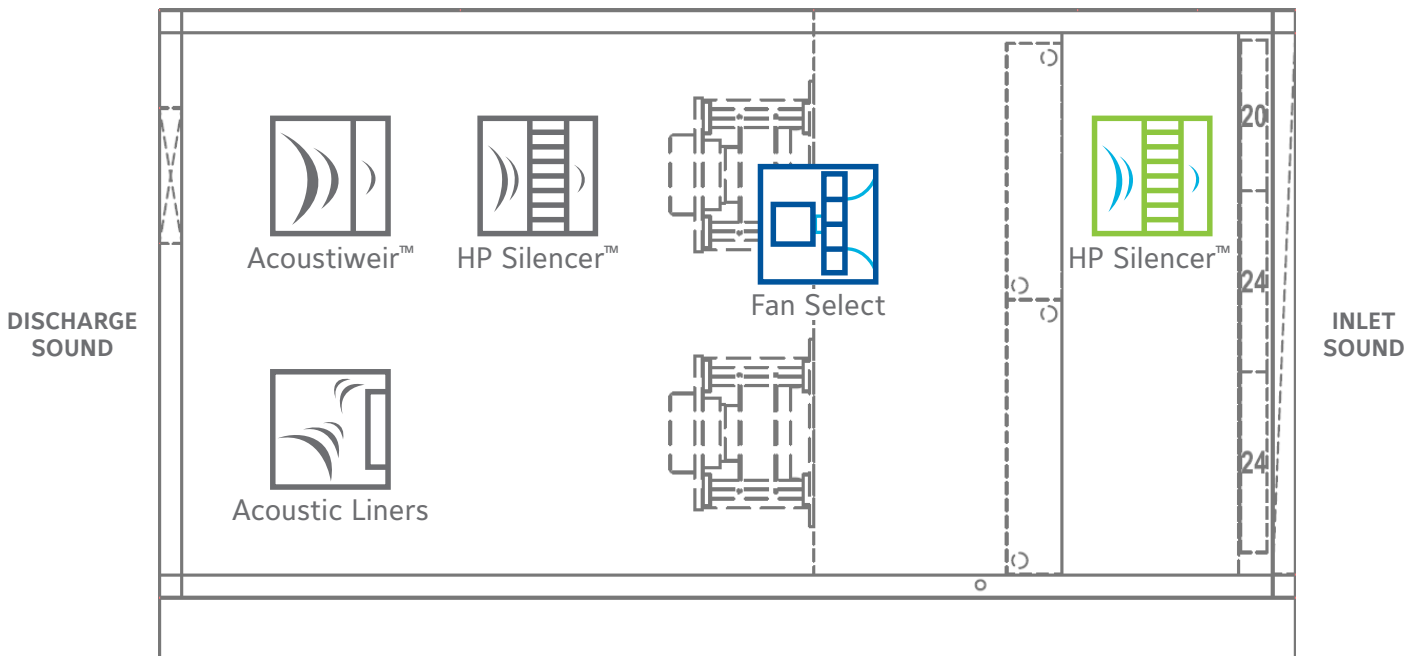
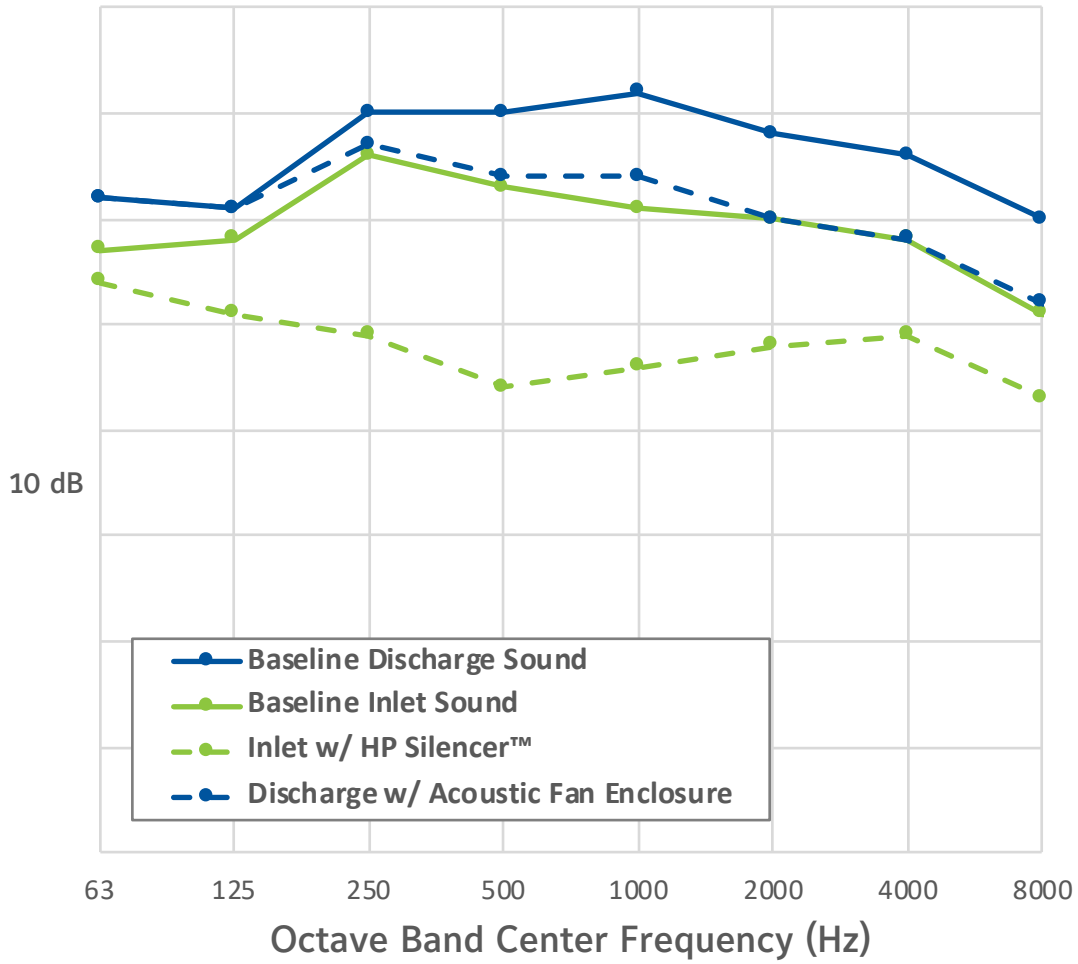


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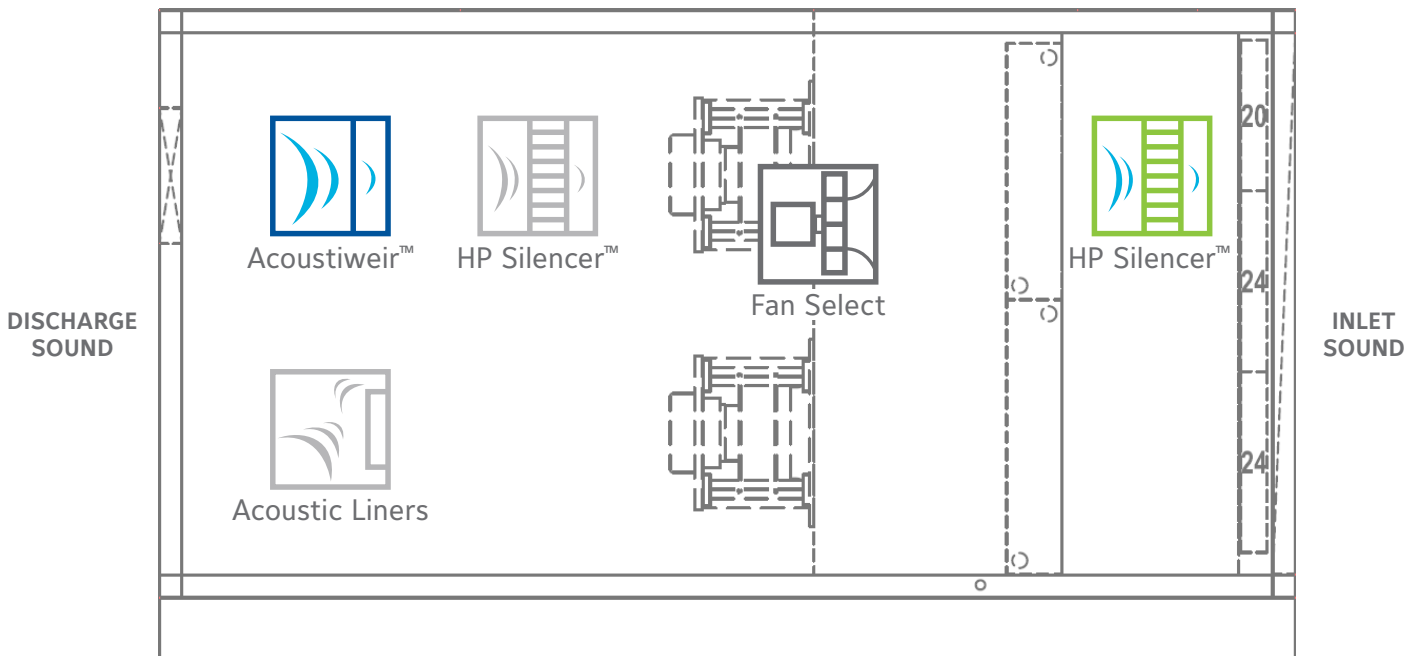
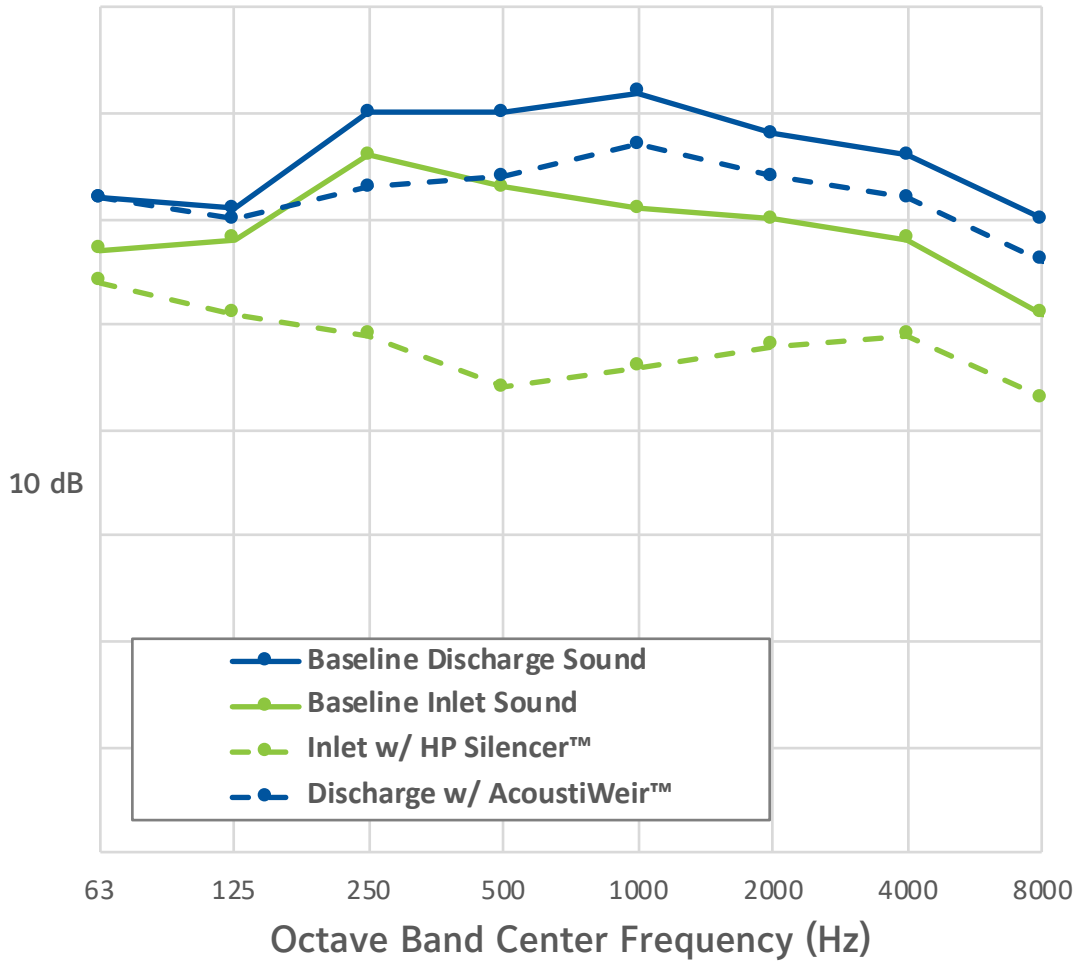
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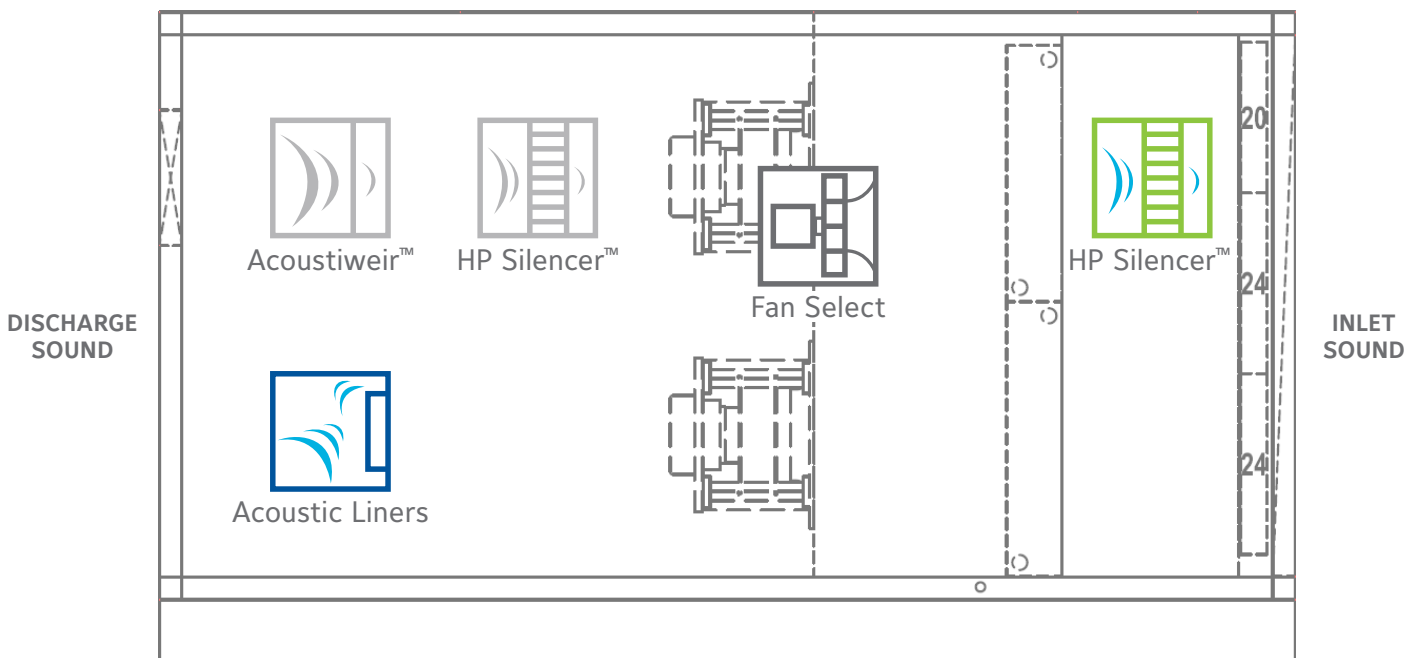
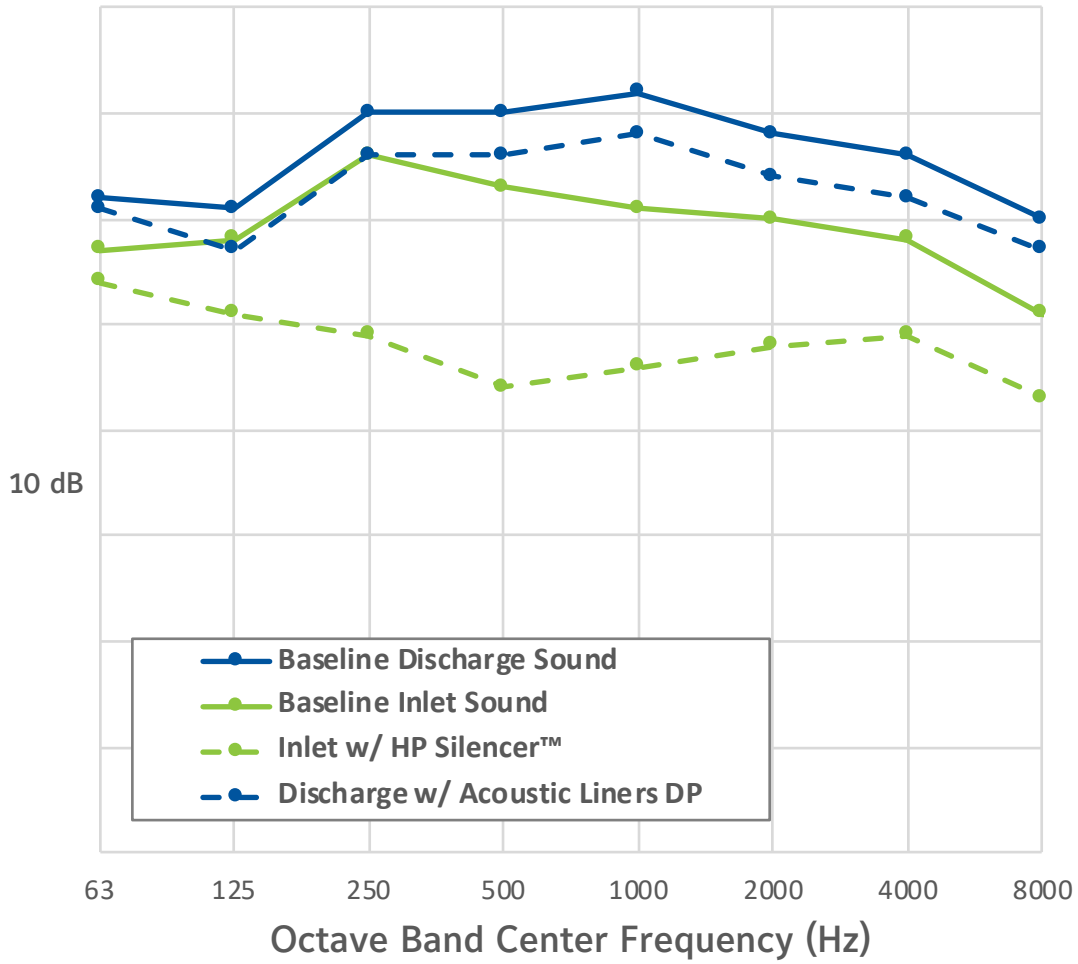


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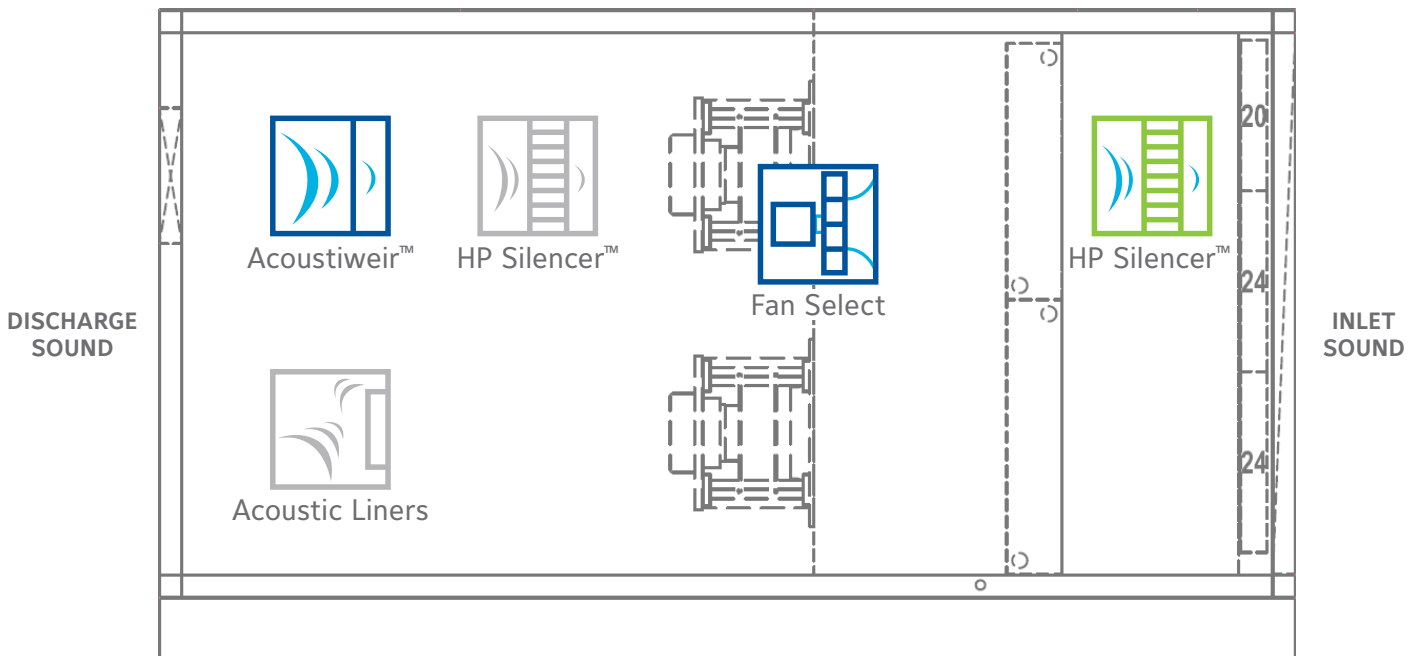
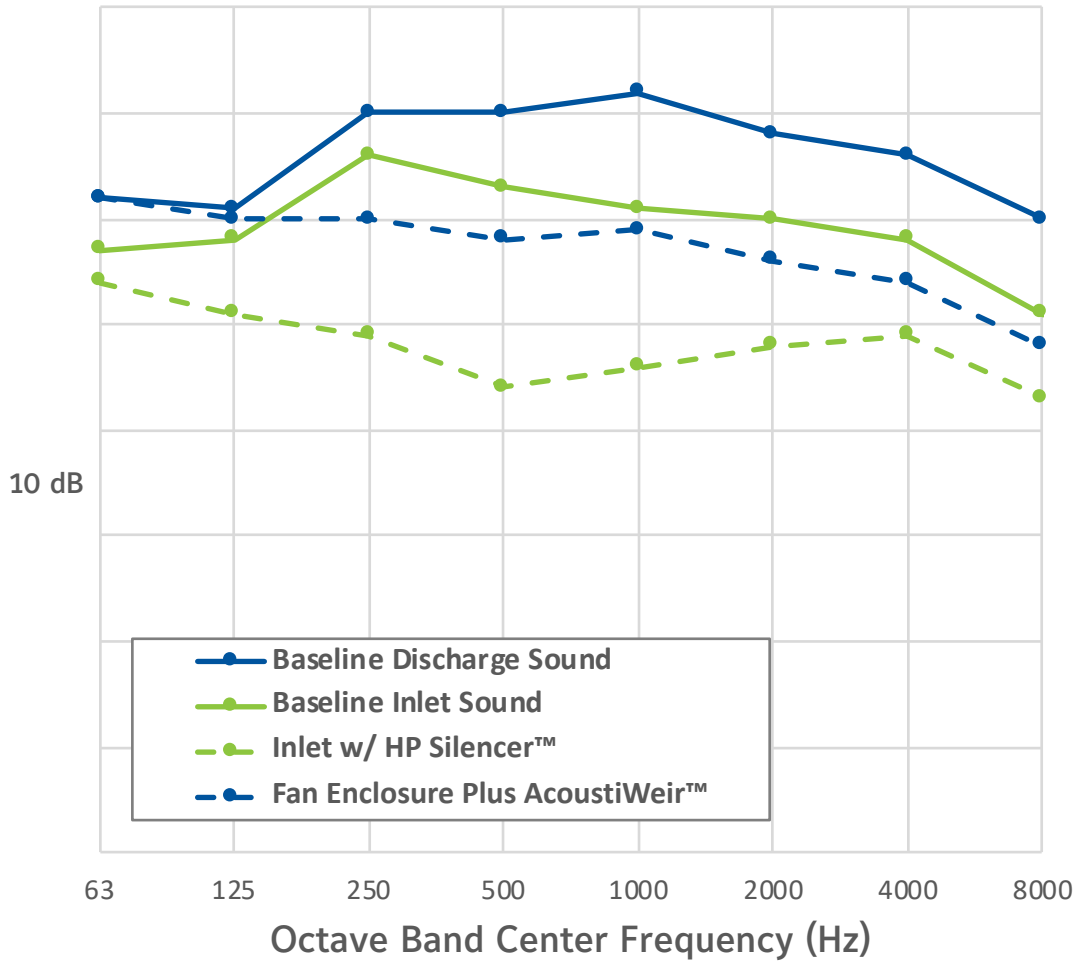


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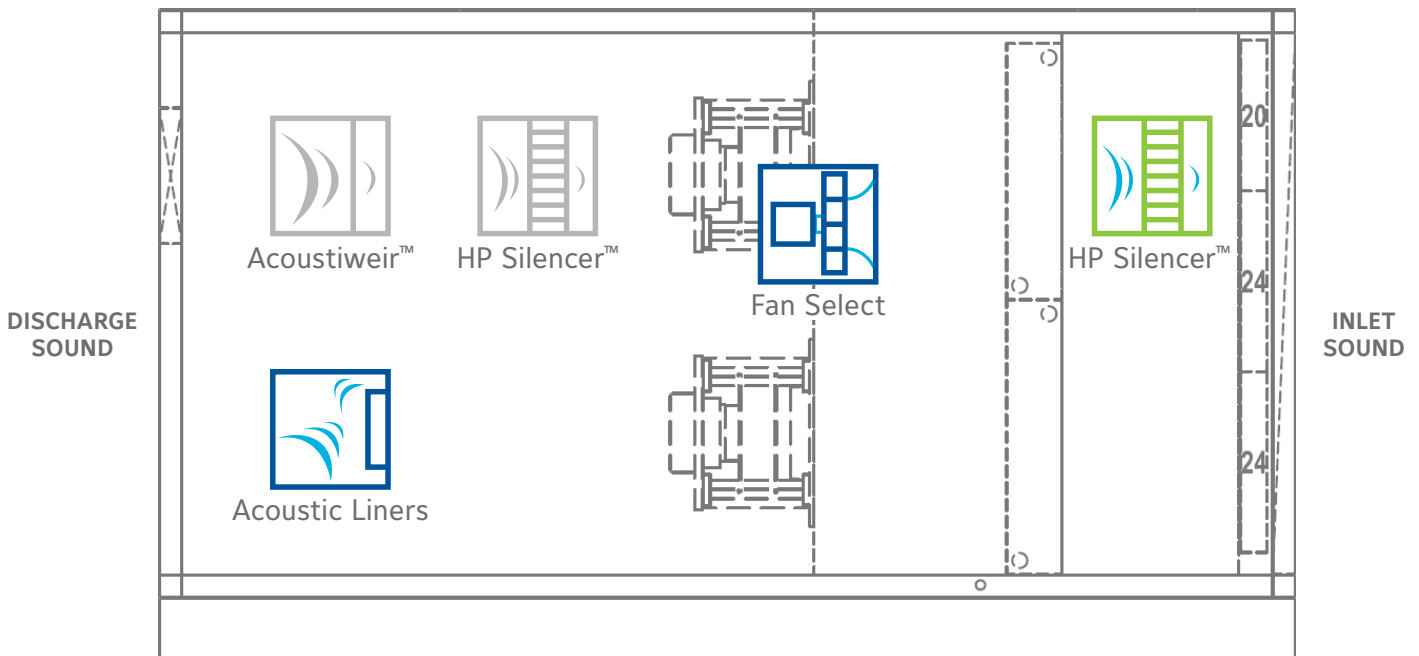
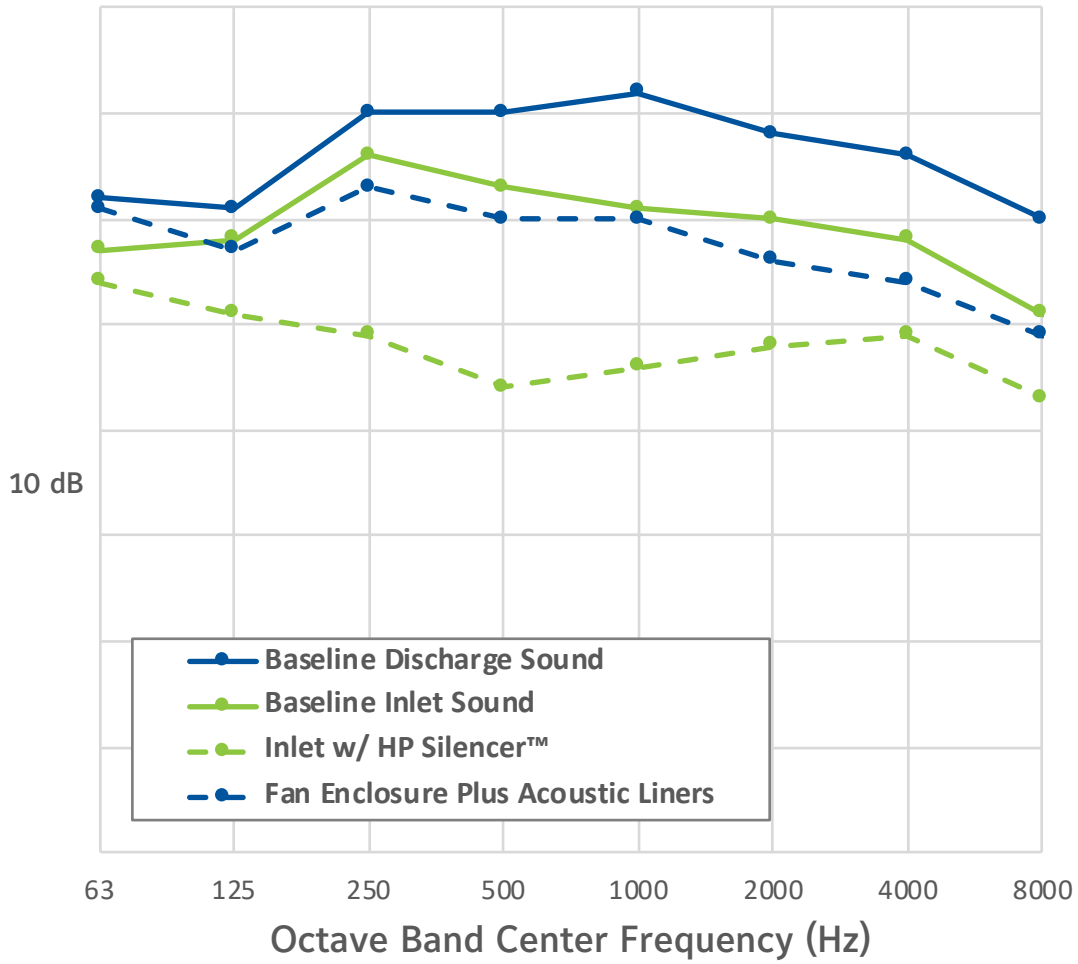


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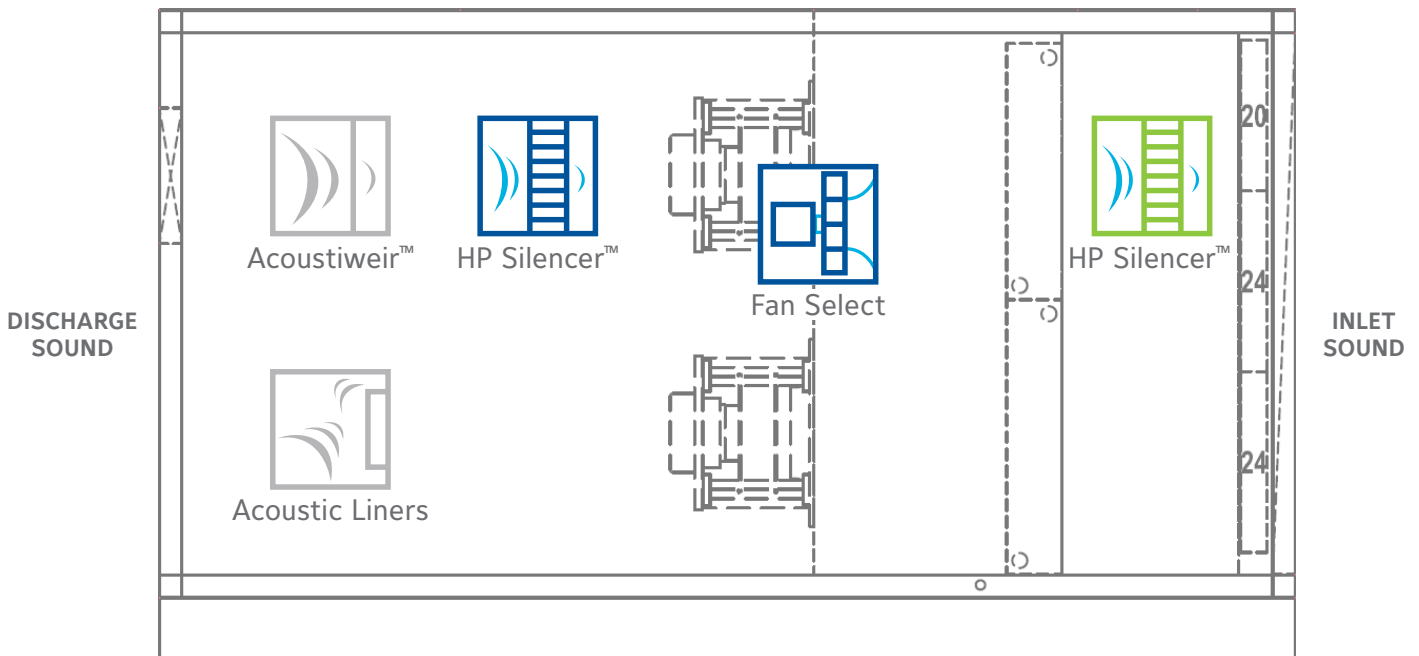
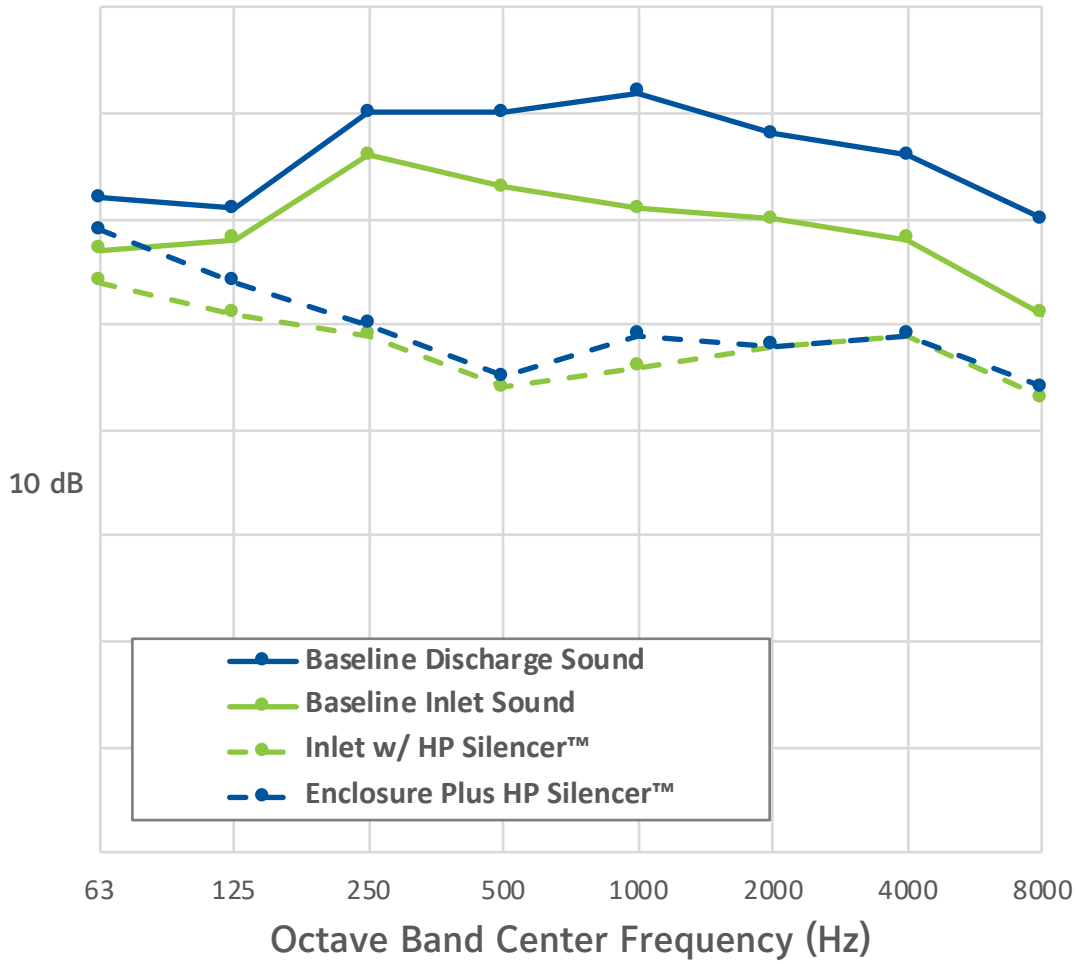
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