

# *Dynasonics*

## Noise Control Products

### **Return Air & Security Silencers**



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## Crosstalk Silencers

### L, U, Z

Dynasonics Crosstalk Silencers provide economical noise control at transfer ducts between acoustically sensitive spaces.

DEPTH	WIDTH	HEIGHT	LENGTH
3.5" (89)	6" - 42" (152 - 1067)	6" (152)	18" - 48" (457 - 1219)
5" (127)	6" - 42" (152 - 1067)	8" (203)	40" - 48" (1016 - 1219)
7" (178)	6" - 42" (152 - 1067)	10" (254)	38" - 48" (965 - 1219)

Custom sizes available.



### Type L

Configured for multiple installations serving a common shaft between adjacent spaces.



### Type U

Configured for installation in or above lay-in acoustical ceiling tile systems between adjacent spaces.



### Type Z

Configured for installation in walls or doors between adjacent spaces.

## STC Silencers

### STC-40, STC-45, STC-50

Sound Transmission Class (STC) is an architectural rating that describes the sound isolation performance of wall assemblies. When penetration of an acoustically rated wall is required for ventilation systems, STC Silencers ensure the sound isolation performance of the wall is not compromised. Dynasonics provides a range of STC Silencers to align with a range of common acoustical ratings of wall assemblies.

STC	OUTER CASING	AIR PASS DIM	LENGTH
40	10ga HTL	6" (152)	72" (1829)
45	10ga HTL	6" (152)	96" (2438)
50	2" (51) Dbl. Wall	6" (152)	120" (3048)

1. Maximum air passage dimension describes free area clearance between baffles where physical security measures may be required.



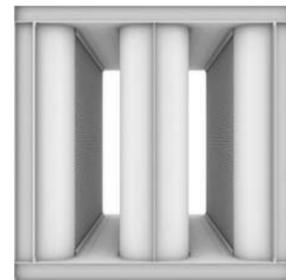
### STC-40

Transfer air silencer with insertion loss values equivalent to STC-40.



### STC 45

Transfer air silencer with insertion loss values equivalent to STC-45.



### STC 50

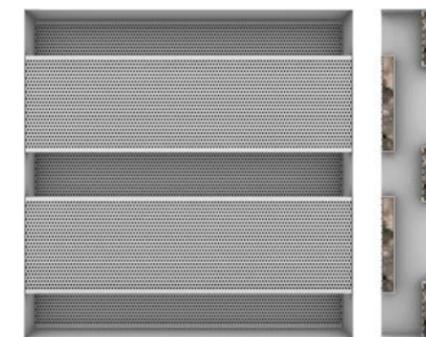
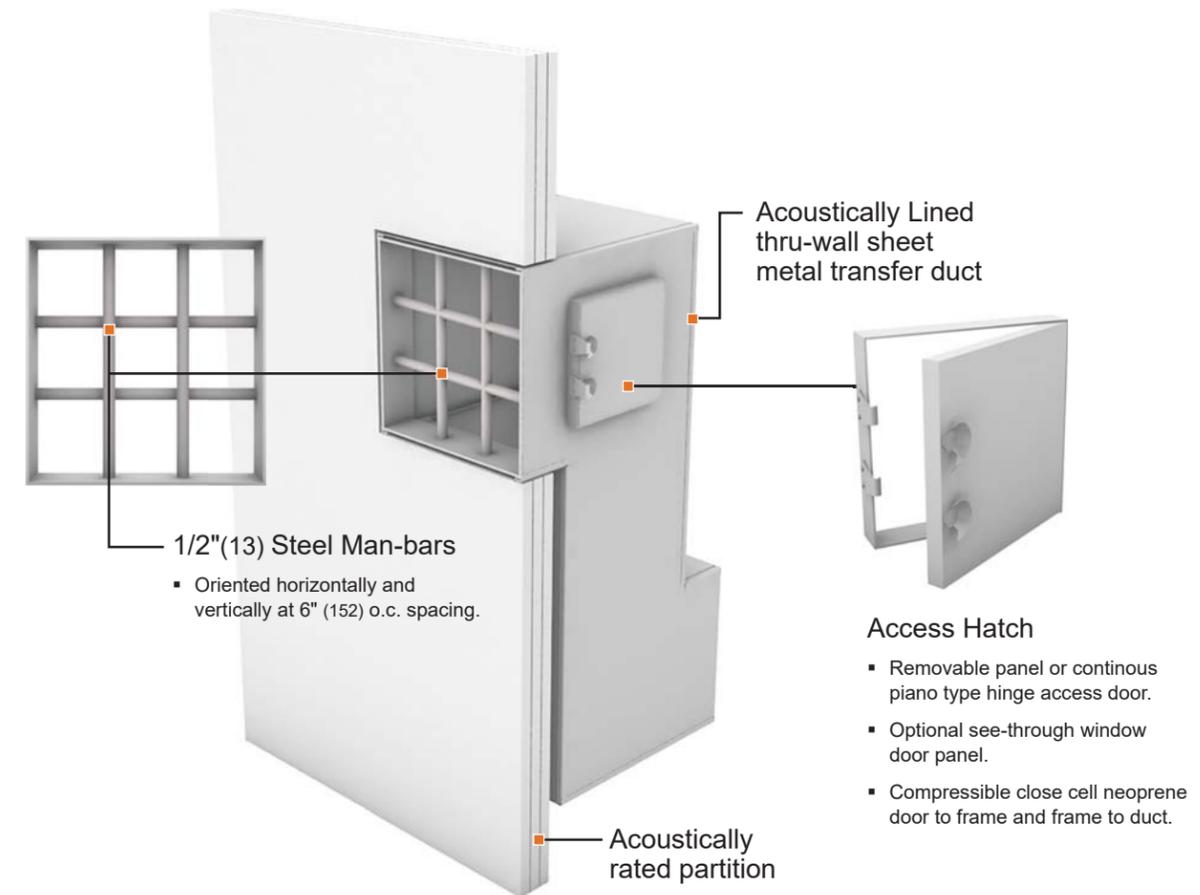
Transfer air silencer with insertion loss values equivalent to STC-50.

NOTE: Dimensions in parentheses ( ) are millimeters. We reserve the right to change/modify designs and/or materials, at any time, without prior notice.

## Secure Z Duct

### Z Secure

Secure Z Duct Silencers add a level of physical security to our traditional Type Z Crosstalk Silencers. Physical security measures include man-bars and an access hatch to allow visual inspection of internal components. These physical security accessories can be added to any of our security silencers to meet project requirements.



Elevation

Section

## Return Air

### RA

Dynasonics Model RA silencer is designed for return air transfer openings or return air grilles between adjacent spaces. Model RA silencers are fabricated with a 4" (102) thickness for installation in wall cavities or other applications where noise control is required in a low profile.

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## About Us

Dynasonics offers a comprehensive line of noise control products used extensively in projects across the globe. For over 35 years we have been dedicated to providing the commercial and industrial acoustic markets with excellence in both products and service. Continuously improving our manufacturing techniques and equipment allows a delivery schedule second to none. Creating innovative tools that predict noise levels and simplify product selection makes Dynasonics the company to choose to get the right product for every application.

Dynasonics silencers have been acoustically and aerodynamically tested, at our in-house, NVLAP accredited Acoustical Laboratory, outfitted with state-of-the-art hardware and software tools, allowing us to conduct the testing and to determine dynamic insertion losses, self-generated sound power levels and static pressure losses in strict accordance with ASTM E477-13.