

F Diffuser™

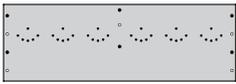
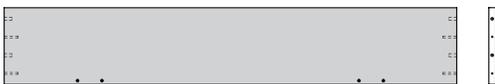
OWNER'S MANUAL



Congratulations on purchasing the Primacoustic F Diffuser™. The F Diffuser is a 24" x 48" x 8" high frequency diffuser that is placed behind the listener while spanning the width of the listening area to scatter primary reflections, standing waves and flutter echo. A series of variable pitch deflectors may be rotated to a desired position to dissipate sound energy and retain a sense of air and ambiance in the room. Behind the slats, a 2" thick Broadway fiberglass panel eliminates internal reflections while augmenting mid and high frequency attenuation. Ideal for studio and home theatre applications. Black frame with grey fabric panel.

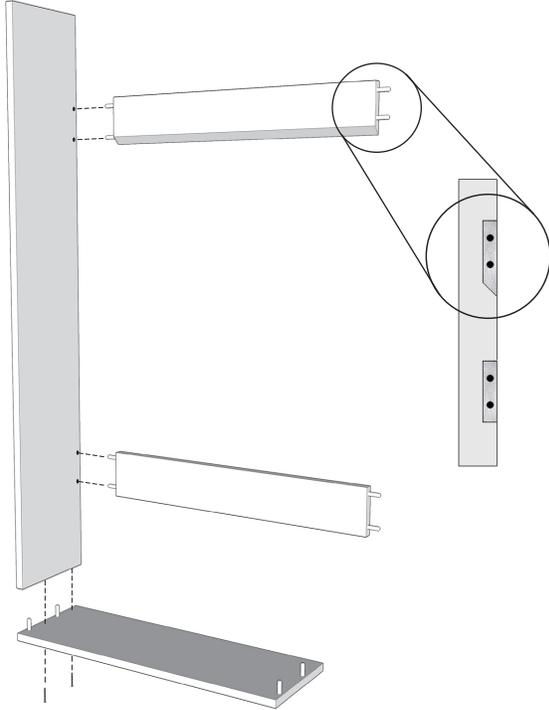
Please take a few minutes to read this installation manual. It will give you step by step assembly and mounting instructions. Please refer to www.primacoustic.com for various placement options and benefits. Should you have any questions or comments, we invite you to send an email to: info@primacoustic.com.

Before beginning assembly, please take a moment to familiarize yourself with the box contents. It will include:

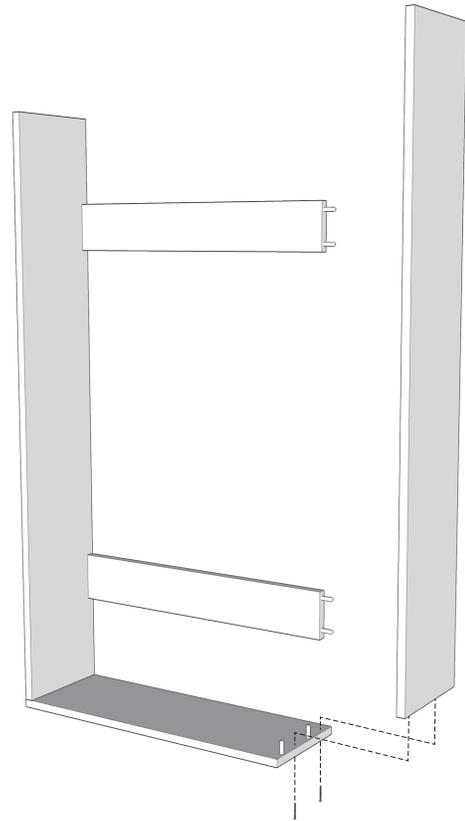
		BOX CONTENTS			HARDWARE BAG
		(QTY) Description:			(QTY) Description:
		(1) Top section 24" x 8" Black (608mm x 200mm)		(18)	Metal pins
		(1) Bottom section 24" x 8" Black (608mm x 200mm)		(20)	Wooden dowels
		(2) Side sections 46.75" x 8" Black (1187mm x 200mm)		(10)	Large flush-mount Phillips screws
		(1) Center divider 46.75" x 5" Black (1187mm x 130mm)		(2)	Heavy duty Phillips screws
		(6) Deflectors 46.75" x 3.5" Black (1187mm x 88mm)		(2)	Plastic drywall anchors
		(1) Beveled upper cross support	TOOLS REQUIRED:		
		(1) Lower cross support		• Medium sized Phillips screwdriver	
		(1) Wall cleat		• Bubble level	
		(1) Fabric wrapped fiberglass panel		• Wall stud finder (recommended)	
				• Cordless drill and 1/8" (3.5mm) drill bit	

ASSEMBLY INSTRUCTIONS

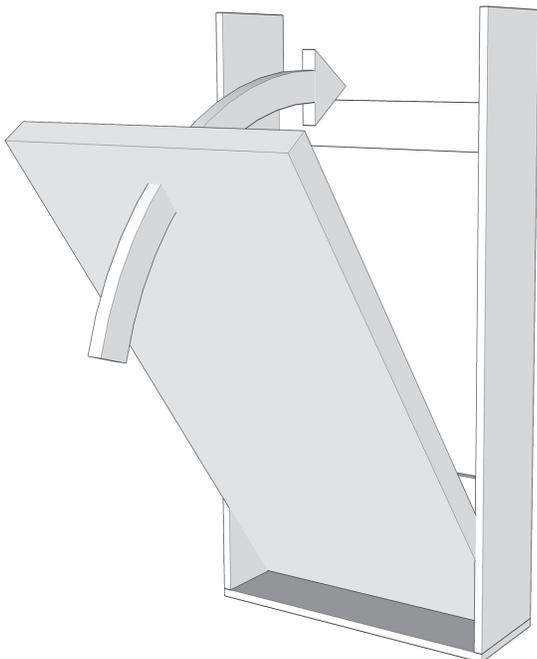
- 1** Insert four wooden dowels into the bottom section. Guide the side section onto the dowels and secure with two large flush-mount Phillips screws from below.
- Insert four dowels into the ends of the upper beveled rear cross support and attach to the side section.
- Insert four dowels into the ends of the lower rear cross support and attach to the side section.



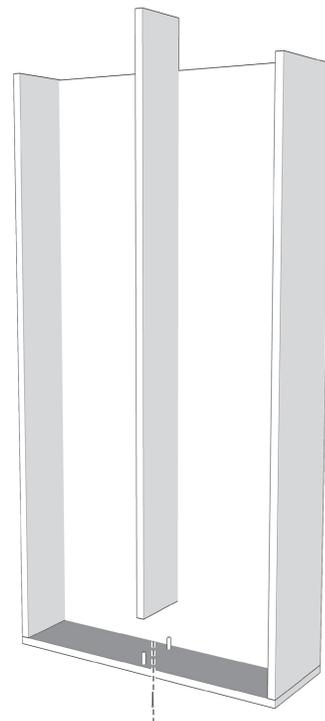
- 2** Guide the other side section onto the dowels and secure with two large flush-mount Phillips screws from below.



- 3** Rest the fiberglass panel into the back of the frame.

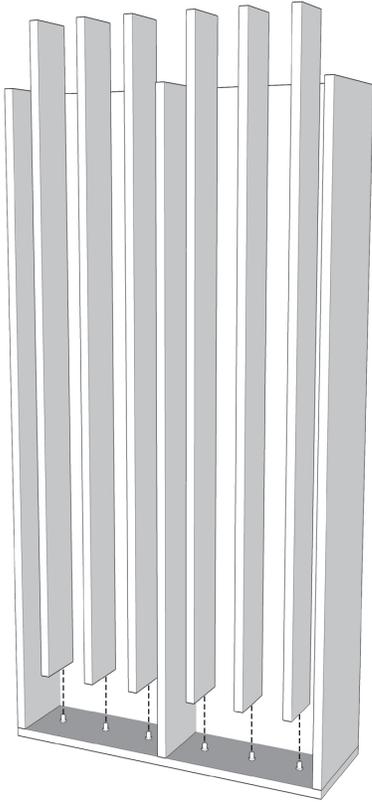


- 4** Insert two wooden dowels into the bottom section for the center divider. Guide the center divider onto the dowels and secure with one large flush-mount Phillips screw from below.

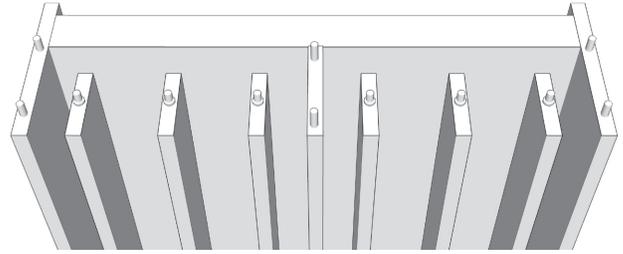


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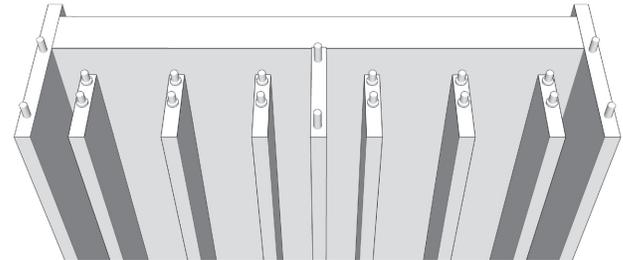
- 5** Insert six metal pins into the bottom section.
Guide the six vertical deflectors onto the pins.



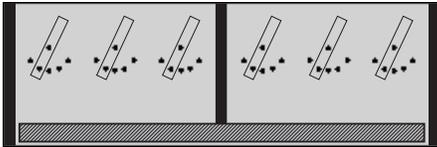
- 6** Insert four wooden dowels into the side sections and center divider.
Insert a metal pin into the middle hole of each vertical deflector.



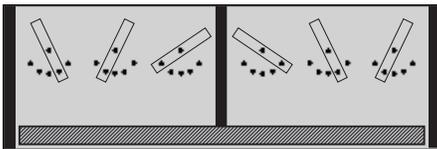
If the vertical deflectors are to be fixed in place insert a second metal pin in the rear hole of each deflector. Skip this step if the deflectors are to be movable and continue to step-8.



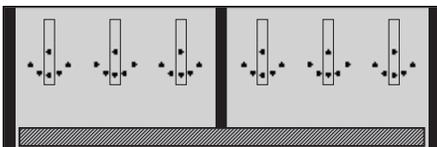
- 7** Choose angles that work where the F Diffuser will be placed within the room.



REAR WALL: Angling the deflectors in one direction can prevent sound from bouncing between parallel walls by redirecting sound.



Opposed and varied deflectors distribute sound in several directions helping to diffuse reflections.



SIDE WALLS: Parallel deflectors break up primary reflection when mounted to the rooms side walls.

- 8** Attach the top section. Ensure all the pins and dowels are lined up correctly.
Secure the top section using five large flush-mount Phillips screws in the pre-drilled locations.

