

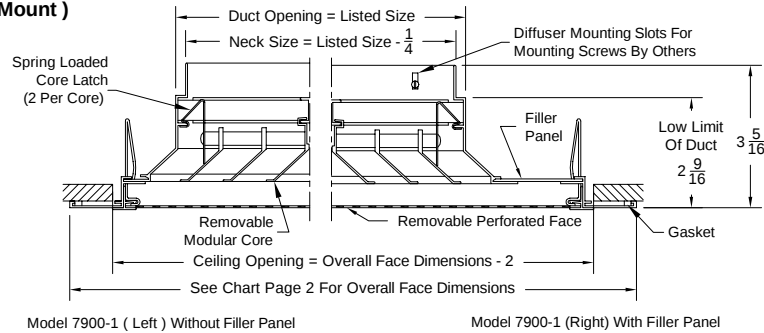
Tag:
Series : 7900

METAL*AIRE®
Submittal No: 7900

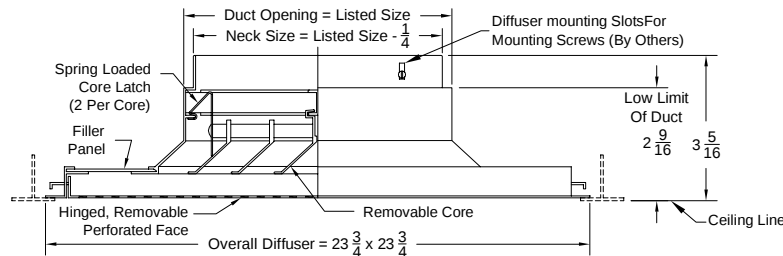
Perforated Modular Core Supply Diffusers
Extruded Aluminum - Square Neck - 1 to 4 Core

Models: 7900-1 Surface Mount
7900-6 Lay in T-Bar
7900-7 Concealed Spline

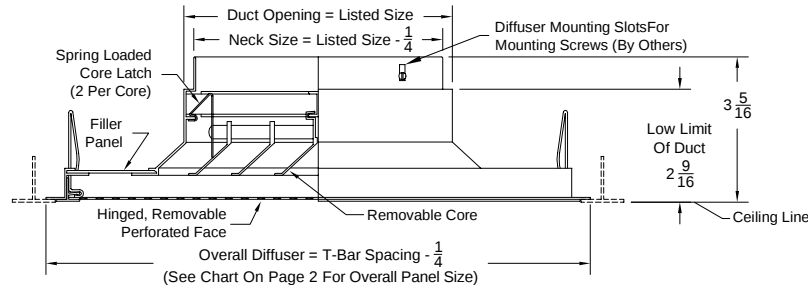
Model: 7900-1 (Surface Mount)



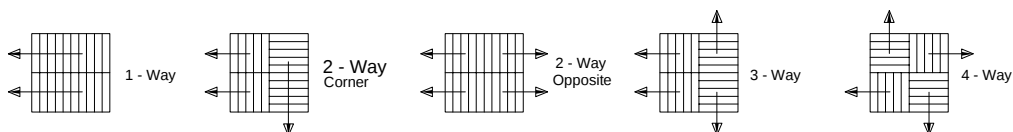
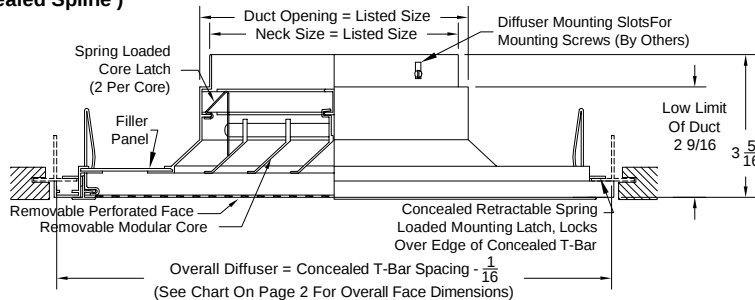
Model: 7900-6 (Lay in T-Bar - 24x24 Grid Size Only)



Model: 7900-6 (Lay in T-Bar - All grid sizes except 24x24)



Model: 7900-7 (Concealed Spline)



Field Adjustable Air Deflection Patterns Obtained By Removing And Rearranging Modular Cores In Frames.

Dimensions are in inches

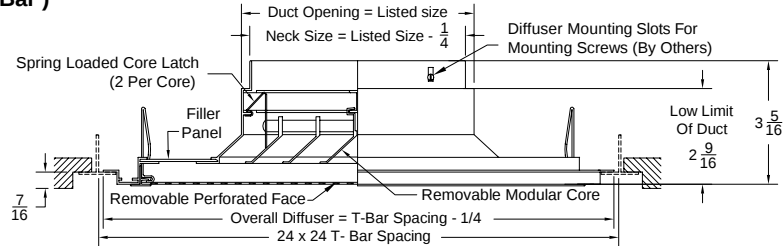
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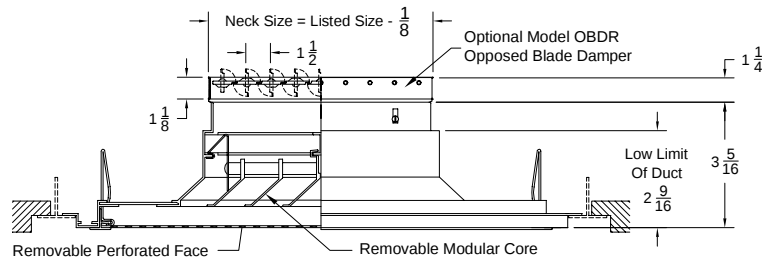
Perforated Modular Core Supply Diffusers
Extruded Aluminum - Square Neck - 1 to 4 Core

Models: 7900-8 Tegalur T-Bar
Option: OBDR Opposed Blade Damper

Model: 7900-8 (Tegalur T-Bar)



Option: OBDR Damper (Sh owed 7900-8 D Model)



Models: 7900-1 and 7900-1D With Filler Panel (Surface Mount)							
Panel Sizes	Overall Face Dimensions	Neck Size Combinations Available					
12 x 12	13 3/8 x 13 3/8	6 x 6					
14 x 14	15 3/8 x 15 3/8	6 x 6	8 x 8				
16 x 16	17 3/8 x 17 3/8	6 x 6	8 x 8	10 x 10			
18 x 18	19 3/8 x 19 3/8	6 x 6	8 x 8	10 x 10	12 x 12		
20 x 20	21 3/8 x 21 3/8	6 x 6	8 x 8	10 x 10	12 x 12	14 x 14	
24 x 12	25 3/8 x 13 3/8	6 x 6	8 x 8	12 x 6	15 x 6	18 x 6	
24 x 24	25 3/8 x 25 3/8	6 x 6	8 x 8	10 x 10	12 x 12	14 x 14	15 x 15
36 x 24	25 3/8 x 25 3/8	6 x 6	8 x 8	10 x 10	12 x 12	14 x 14	15 x 15
48 x 24	25 3/8 x 25 3/8	6 x 6	8 x 8	10 x 10	12 x 12	14 x 14	15 x 15

T-Bar Spacing	Overall Face Dimensions	Models: 7900-6 and 7900-6D - Listed Sizes Available									
12 x 12	11 3/4 x 11 3/4	6 x 6	8 x 8								
24 x 12	23 3/4 x 11 3/4	6 x 6	9 x 6	12 x 6	15 x 6	18 x 6	8 x 8	12 x 8	16 x 8	20 x 8	
24 x 24	23 3/4 x 23 3/4	6 x 6	8 x 8	9 x 9	10 x 10	12 x 12	14 x 14	15 x 15	16 x 16	18 x 18	20 x 20
36 x 24	35 3/4 x 23 3/4	6 x 6	8 x 8	9 x 9	10 x 10	12 x 12	14 x 14	15 x 15	16 x 16	18 x 18	20 x 20
48 x 24	47 3/4 x 23 3/4	6 x 6	8 x 8	9 x 9	10 x 10	12 x 12	14 x 14	15 x 15	16 x 16	18 x 18	20 x 20

T-Bar Spacing	Overall Diffuser Size	Models: 7900-7 and 7900-7D - Listed Sizes Available									
12 x 12	11 15/16 x 11 15/16	6 x 6	8 x 8								
24 x 12	23 15/16 x 11 15/16	6 x 6	9 x 6	12 x 6	15 x 6	18 x 6	8 x 8	12 x 8	16 x 8	20 x 8	
24 x 24	23 15/16 x 23 15/16	6 x 6	8 x 8	9 x 9	10 x 10	12 x 12	14 x 14	15 x 15	16 x 16	18 x 18	20 x 20
36 x 24	35 15/16 x 23 15/16	6 x 6	8 x 8	9 x 9	10 x 10	12 x 12	14 x 14	15 x 15	16 x 16	18 x 18	20 x 20
48 x 24	47 15/16 x 23 15/16	6 x 6	8 x 8	9 x 9	10 x 10	12 x 12	14 x 14	15 x 15	16 x 16	18 x 18	20 x 20

T-Bar Spacing	Overall Diffuser Size	Models: 7900-8 & 7900-8 D Listed Sizes Available	
24 x 24	23 3/4 x 23 3/4	6 x 6	14 x 14
		8 x 8	15 x 15
		10 x 10	16 x 16
		12 x 12	18 x 18

Neck Sizes	Overall Face Dimensions	Neck Sizes	Overall Face Dimensions
6 x 6	11 1/8 x 11 1/8	9 x 9	14 1/8 x 14 1/8
6 x 9	11 1/8 x 14 1/8	10 x 10	15 1/8 x 15 1/8
6 x 12	11 1/8 x 17 1/8	12 x 12	17 1/8 x 17 1/8
6 x 15	11 1/8 x 20 1/8	14 x 14	19 1/8 x 19 1/8
6 x 18	11 1/8 x 23 1/8	15 x 15	20 1/8 x 20 1/8
8 x 8	13 1/8 x 13 1/8	16 x 16	21 1/8 x 21 1/8
8 x 16	13 1/8 x 21 1/8	18 x 18	23 1/8 x 23 1/8
8 x 18	13 1/8 x 23 1/8	20 x 20	25 1/8 x 25 1/8
8 x 20	13 1/8 x 25 1/8		

1. Available Finishes	2. Available Accessories	3. Available Options	4. Construction Details
Standard Finish: ☐ 01 White. Optional Finish (extra charge): ☐ 03 Black. ☐ 22 (BBP) Black back pan / white face and frame.	For Square Necks: ☐ OBDR Damper. ☐ L9 Equalizing Grid. ☐ TR DEEP Deep Transition. For Round Necks: ☐ G3 Round Equalizing Grid. ☐ BDS Butterfly Damper. ☐ RSD Radial Shutter Damper. Replacement Parts: ☐ Replacement Steel Face Plates. ☐ Replacement Alumin. Face Plates	☐ Replacement Core. ☐ TR Deep Transition.	• Available only in listed sizes.

Notes: (☐ check if provided)

Dimensions are in inches

Cad File Number: 7900-p2-33

Date: 03/25/2003

Submittal No. 7900

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