

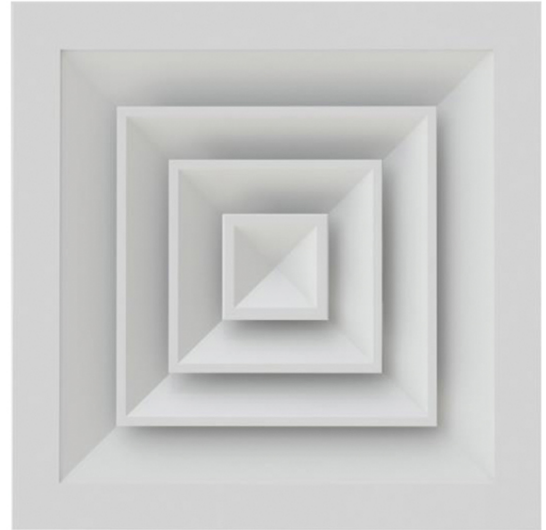


Product Description

Industrial Cooling Systems Factory provides a wide range of ceiling diffusers to suite customer requirements of ceiling air distribution, which can be supply or return, square or rectangular shape, with one, two, three or four ways patterns.

Diffusers core is fully removable, opposed blades damper can be connected to the frame with screws and is lever operated from the face.

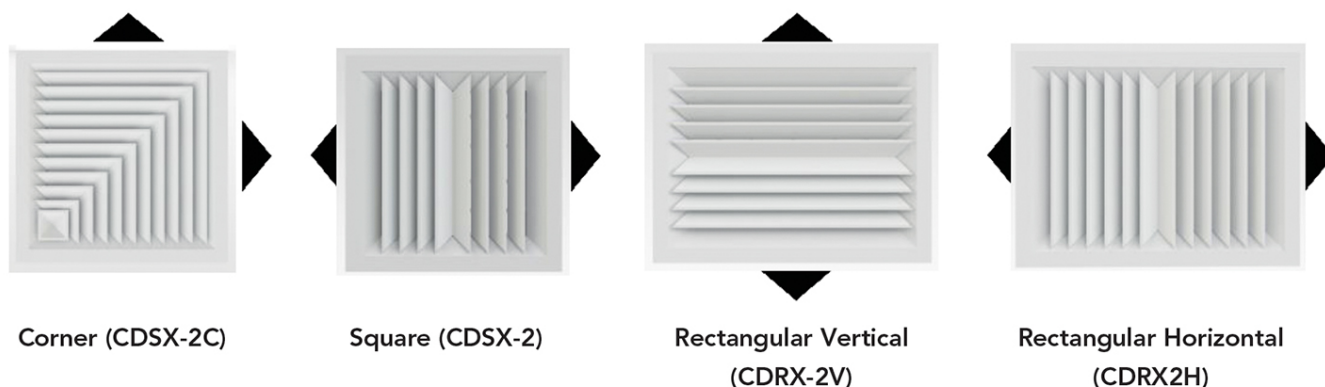
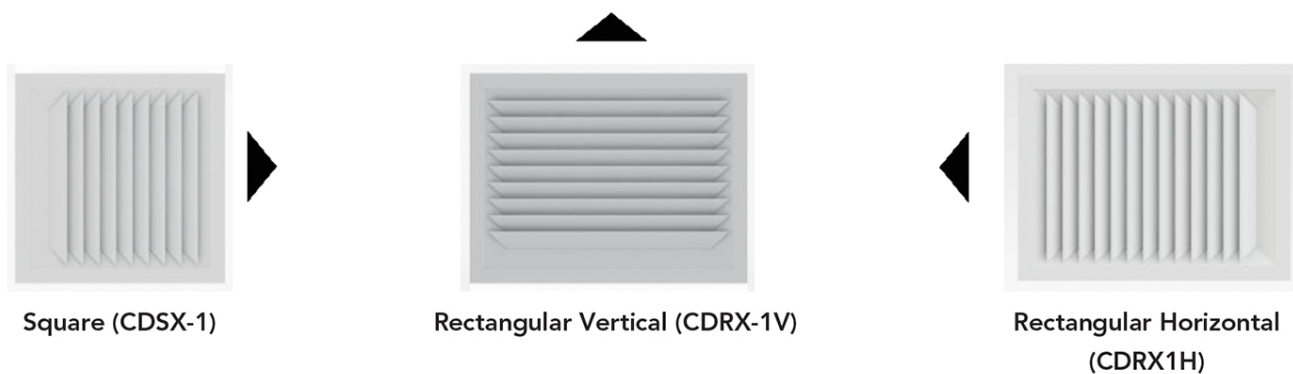
Core and frame are made of extruded aluminum alloy and polyester powder coated to RAL9016 (standard) and others upon request.



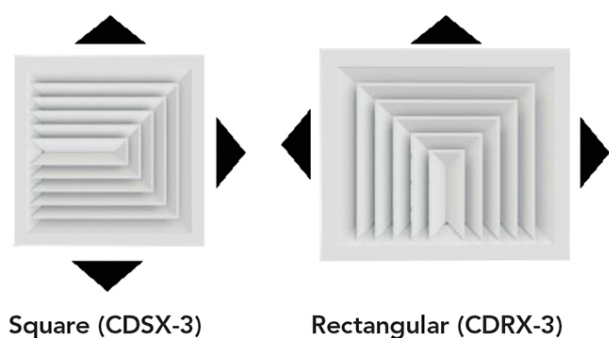


Multi Pattern Ceiling Diffuser

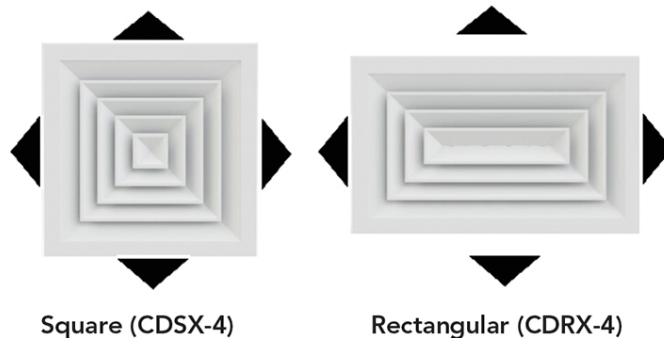
1 way discharge



3 way discharge



4 way discharge



X:

S Supply (with OBD)

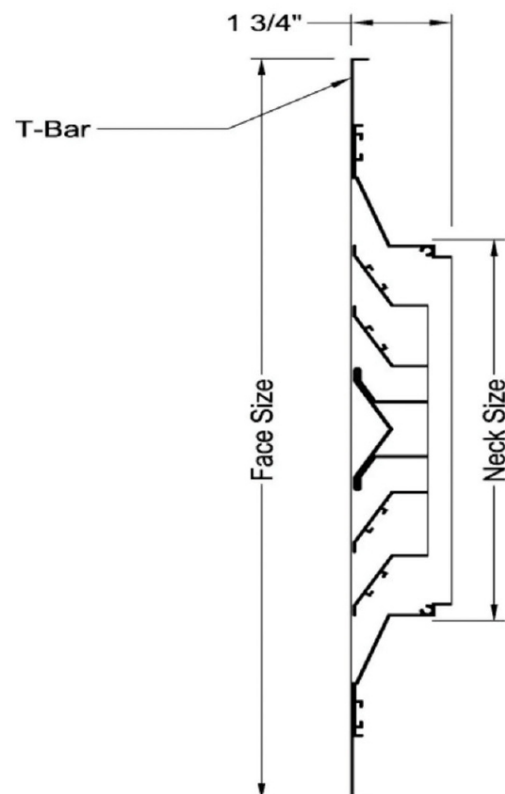
R Return (without OBD)



CDT T - Bar Option

When the required face is larger than the neck size by more than 5 1/2" (140mm), then TBar Option is used.

Please specify Face and Neck dimensions.



Ceiling Diffuser (CD)

مصنع نظام التبريد للصناعة



Sizes and Velocity Pressure Conversion Table

Listed Sizes (Square Ceiling Diffusers)

DIMENSIONS					
Size	Neck in. (mm)		FACE in. (mm)		CFM Range
6 x 6	6-5/16"	(160)	11-13/16"	(300)	50 - 225
9 x 9	8-7/8"	(225)	14-3/8"	(365)	100 - 500
12 x 12	12-13/64"	(310)	17-23/32"	(450)	200 - 900
15 x 15	14-31/32"	(380)	20-1/2"	(520)	300 - 1400
18 x 18	18-1/32"	(458)	23-1/2"	(598)	450 - 2000
21 x 21	20-7/8"	(530)	26-3/8"	(670)	600 - 2750
24 x 24	23-13/16"	(605)	29-3/8"	(745)	800 - 3600

Listed Sizes (Rectangular Ceiling Diffusers)

DIMENSIONS							
Size	Horizontal in. (mm)	Vertical in. (mm)	CFM Range	Size	Horizontal in. (mm)	Vertical in. (mm)	CFM Range
9 x 6	9 (228.6)	6 (152.4)	75 - 335	18 x 9	9 (228.6)	6 (152.4)	75 - 335
12 x 6	12 (304.8)	6 (152.4)	100 - 450	18 x 12	12 (304.8)	6 (152.4)	100 - 450
12 x 9	12 (304.8)	9 (228.6)	150 - 675	21 x 6	12 (304.8)	9 (228.6)	150 - 675
15 x 6	15 (381.0)	6 (152.4)	152 - 560	21 x 9	15 (381.0)	6 (152.4)	152 - 560
15 x 9	15 (381.0)	9 (228.6)	190 - 845	24 x 6	15 (381.0)	9 (228.6)	190 - 845
15 x 12	15 (381.0)	12 (304.8)	250 - 1125	24 x 9	15 (381.0)	12 (304.8)	250 - 1125
18 x 6	18 (457.2)	6 (152.4)	150 - 675	24 x 12	18 (457.2)	6 (152.4)	150 - 675

