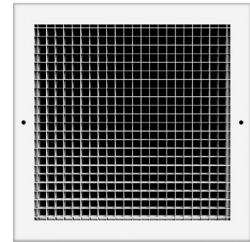


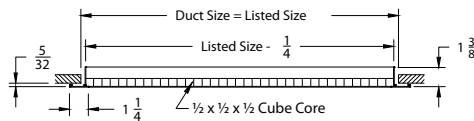
MODEL CC

The CC series cubed core return and exhaust grilles is designed with high free area and low sound and pressure drops. The CC5 series is ideal for applications with size restrictions or as a pressurized ceiling return. The CC series is available in grid sizes $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ " (CC5), $\frac{1}{2}$ " x $\frac{1}{2}$ " x 1" (CC15) and 1" x 1" x 1" (CC1).

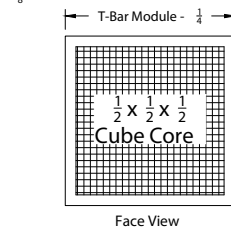
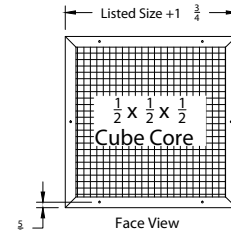
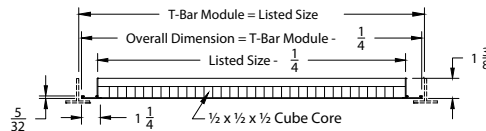
- Aluminum construction
- Optional stainless steel construction
- Optional steel frame with aluminum core (CC5S)
- Available with removable core (CC5R)



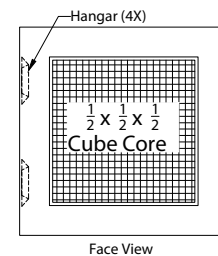
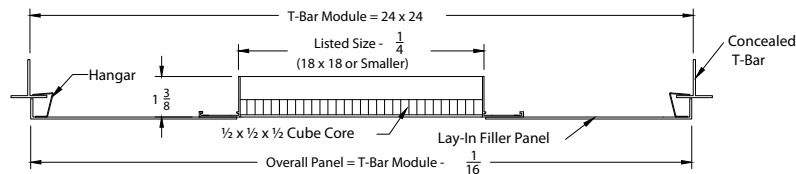
Model: CC5-1 (Sidewall / Ceiling Return Grille - Surface Mount)



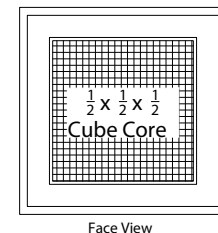
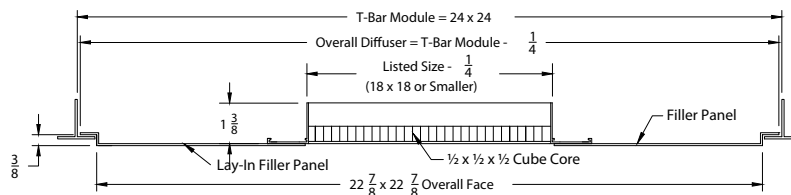
Model: CC5-6 (Ceiling Return Grille - Lay in T-Bar)



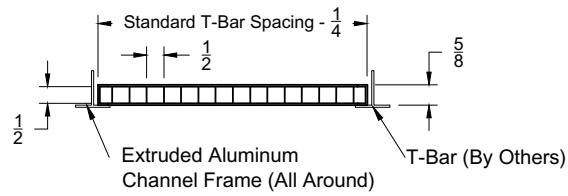
Model: CC5-7 (Sidewall / Ceiling Return Grille - Concealed T-Bar)



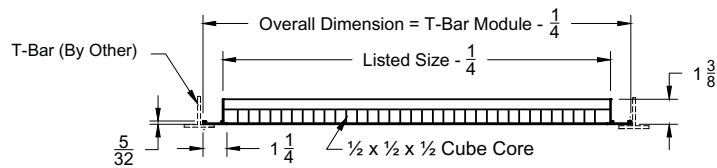
Model: CC5-8 (Sidewall / Ceiling Return Grille - Tegular Lay in T-Bar)



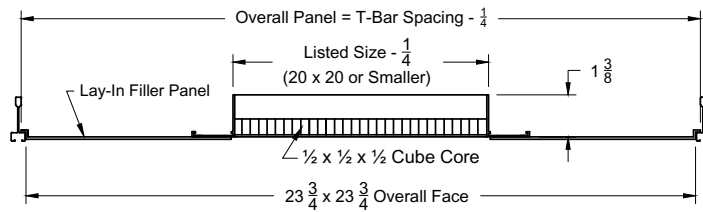
Model: CC5-TBC-6 (Sidewall Return Grille - Lay in T-Bar - Channel Frame)



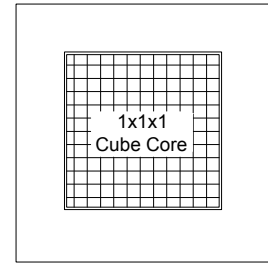
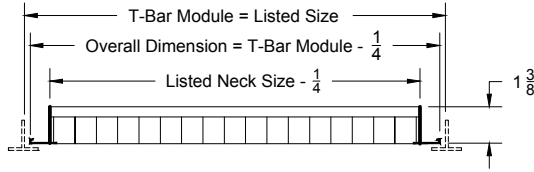
Model: CC5R-6 (Ceiling Return Grille - Lay in T-Bar) Removable Core



Model: CC5-9 (Sidewall Return Grille - Donn Finline Lay in)



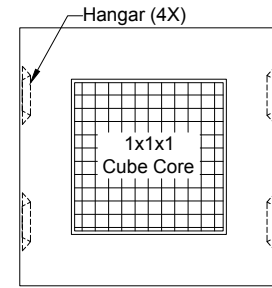
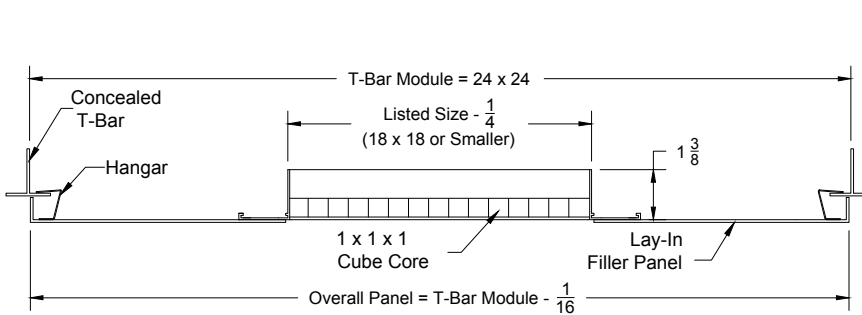
Model: CC1-6 (Ceiling Return Grille - Lay in T-Bar)



Face View

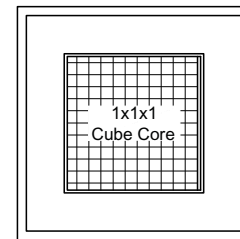
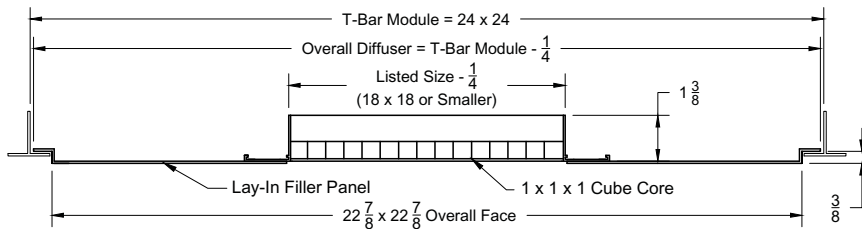
CC1 - 6 and Listed Size for Exposed T-bar Lay-in Grid Applications			
12 x 12	24 x 12	48 x 12	24 x 24
Overall Dimension			
11 3/4 x 11 3/4	23 3/4 x 11 3/4	47 3/4 x 11 3/4	23 3/4 x 23 3/4

Model: CC1-7 (Side wall / Ceiling Return Grille - Concealed T-Bar)



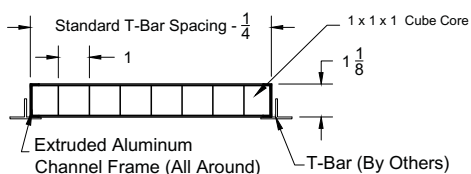
Face View

Model: CC1-8 (Side wall / Ceiling Return Grille - Tegular Lay in T-Bar)

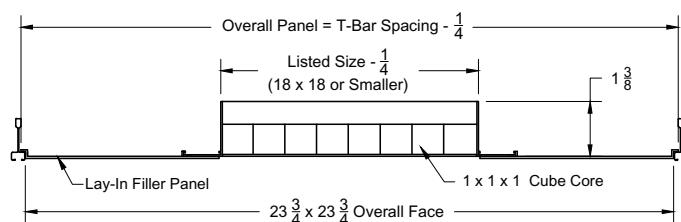


Face View

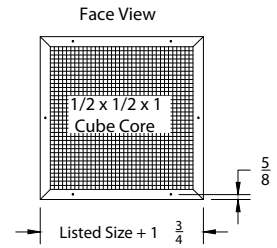
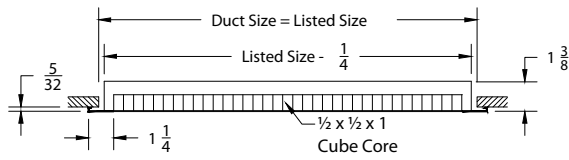
Model: CC1-TBC (Side wall Return Grille)
(Lay in T-Bar - Channel Frame)



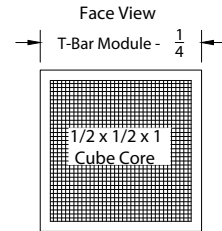
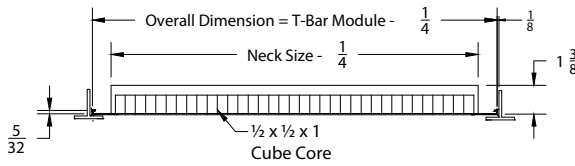
Model: CC1-9 (Side wall Return Grille - Donn Finline Lay in)



Model: □ CC15-1 (Sidewall / Ceiling Return Grille - Surface Mount)

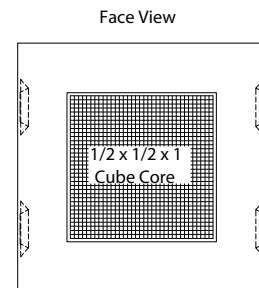
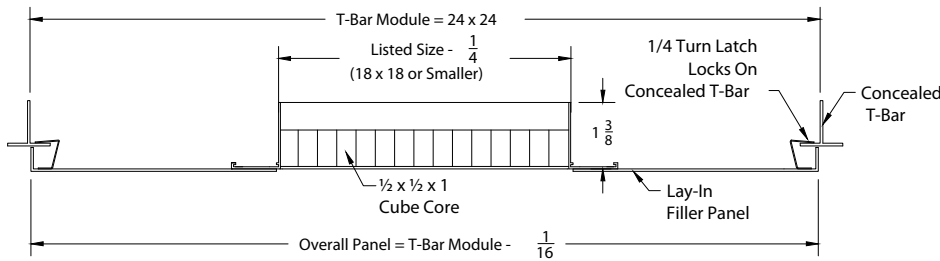


Model: □ CC15-6 (Ceiling Return Grille - Lay in T-Bar)

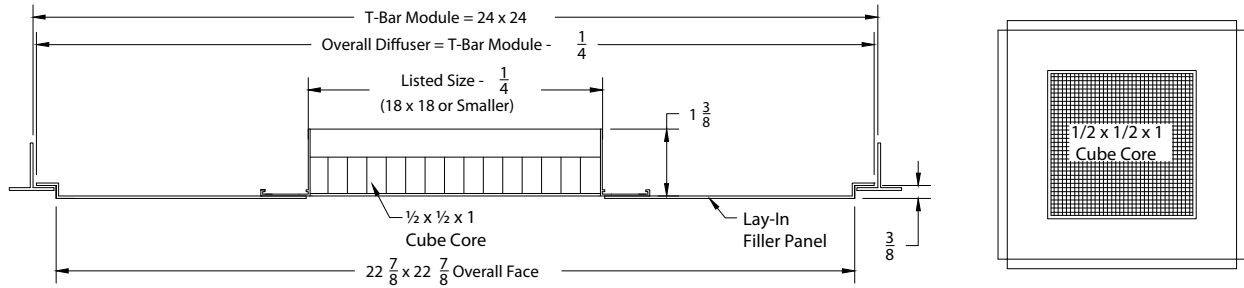


CC15 - 6 and Listed Size for Exposed T-bar Lay-in Grid Applications			
12 x 12	24 x 12	48 x 12	24 x 24
Overall Dimension			
11 3/4 x 11 3/4	23 3/4 x 11 3/4	47 3/4 x 11 3/4	23 3/4 x 23 3/4

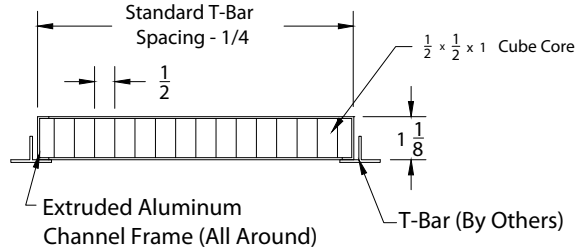
Model: □ CC15-7 (Sidewall / Ceiling Return Grille - Concealed T-Bar)



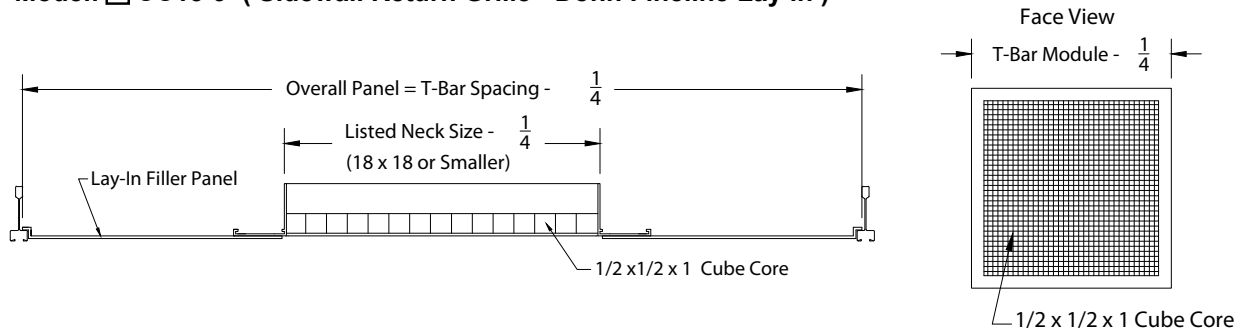
Model: □ CC15-8 (Sidewall / Ceiling Return Grille - Tegular Lay in T-Bar)



Model: □ CC15-TBC-6 (Sidewall Return Grille - Lay in T-Bar - Channel Frame)



Model: □ CC15-9 (Sidewall Return Grille - Donn Finline Lay in)



SERIES CC5 SPECIFICATIONS

RETURN — CUBED CORE —

ALUMINUM — MODELS CC5/CC15/CC1

- Air inlets shall be model CC5 (1/2" x 1/2" x 1/2"), CC15 (1/2" x 1/2" x 1") or CC1 (1" x 1" x 1") manufactured by METALAIRE. Units shall be return or exhaust grille of aluminum construction. The units shall be the size and quantity as outlined in the plans and specifications. The border shall be 1 1/4" wide with an aluminum cubed core. The units shall be designed to integrate into the specified ceiling system.
- Optional opposed blade damper shall be constructed of steel (Model OBD) or aluminum (Model OBDA).
- Damper must be operable from the face of the diffuser.

Performance Specification

The manufacturer shall provide published performance data. Data shall be tested in accordance to ANSI/ASHRAE Standard 70-2006.

Paint Specification

Process shall be anodic electro-deposition using an anodic acrylic paint. Units shall undergo pre-treatment including a pressurized spray stage using an alkaline cleaner and a de-ionized water rinse.

CC5 MODEL NUMBER SPECIFICATION

SIDEWALL RETURN GRILLE — CUBE CORE — SURFACE MOUNT

Model		Neck											
		6	8	10	12	14	16	18	20	22	24	26	
CC5-1	1/2 x 1/2 x 1/2 Cube Core												
CC5S-1	1/2 x 1/2 x 1/2 Cube Core with Steel Frame	4	X	X	X	X	X	X	X	X	X	X	
CC15-1	1/2 x 1/2 x 1 Cube Core	5	X	X	X	X	X	X	X	X	X	X	
CC1-1	1 x 1 x 1 Cube Core	6	X	X	X	X	X	X	X	X	X	X	
		8	X	X	X	X	X	X	X	X	X	X	
		10	X	X	X	X	X	X	X	X	X	X	
		12	X	X	X	X	X	X	X	X	X	X	
		14	X	X	X	X	X	X	X	X	X	X	
		16	X	X	X	X	X	X	X	X	X	X	
		18	X	X	X	X	X	X	X	X	X	X	
		20	X	X	X	X	X	X	X	X	X	X	
		22	X	X	X	X	X	X	X	X	X	X	
		24	X	X	X	X	X	X	X	X	X	X	
		26	X	X	X	X	X	X	X	X	X	X	
		28	X	X	X	X	X	X	X	X	X	X	
		30	X	X	X	X	X	X	X	X	X	X	
		32	X	X	X	X	X	X	X	X	X	X	
		34	X	X	X	X	X	X	X	X	X	X	
		36	X	X	X	X	X	X	X	X	X	X	
		38	X	X	X	X	X	X	X	X	X	X	
		40	X	X	X	X	X	X	X	X	X	X	
		42	X	X	X	X	X	X	X	X	X	X	
		44	X	X	X	X	X	X	X	X	X	X	
		46	X	X	X	X	X	X	X	X	X	X	
		48	X	X	X	X	X	X	X	X	X	X	

Available Finishes		Available Accessories	
Standard		OBD	Steel Opposed Blade Damper
01	White	OBDA	Aluminum Opposed Blade Damper
Optional		L9	Equalizing Grid
02	Satin Silver	PF	Plaster Frame
03	Black	LIPF	Lay-in Plaster Frame
24	Mill (Aluminum Construction Only)	IS	Insect Screen
28	Custom Color	TR	Square to Round Transition
		TR Deep	Deep Square to Round Transition

Available Options	
NSH	No Screw Holes
CM	Concealed Mounting

CC5 MODEL NUMBER SPECIFICATION

SIDEWALL RETURN GRILLE — CUBE CORE — SURFACE MOUNT

Model		Neck											
		28	30	32	34	36	38	40	42	44	46	48	
CC5-1	1/2 x 1/2 x 1/2 Cube Core												
CC5S-1	1/2 x 1/2 x 1/2 Cube Core with Steel Frame	4	X	X	X	X	X	X	X	X	X	X	
CC15-1	1/2 x 1/2 x 1 Cube Core	5	X	X	X	X	X	X	X	X	X	X	
CC1-1	1 x 1 x 1 Cube Core	6	X	X	X	X	X	X	X	X	X	X	
		8	X	X	X	X	X	X	X	X	X	X	
		10	X	X	X	X	X	X	X	X	X	X	
		12	X	X	X	X	X	X	X	X	X	X	
		14	X	X	X	X	X	X	X	X	X	X	
		16	X	X	X	X	X	X	X	X	X	X	
		18	X	X	X	X	X	X	X	X	X	X	
		20	X	X	X	X	X	X	X	X	X	X	
		22	X	X	X	X	X	X	X	X	X	X	
		24	X	X	X	X	X	X	X	X	X	X	
		26	X	X	X	X	X	X	X	X	X	X	
		28	X	X	X	X	X	X	X	X	X	X	
		30	X	X	X	X	X	X	X	X	X	X	
		32	X	X	X	X	X	X	X	X	X	X	
		34	X	X	X	X	X	X	X	X	X	X	
		36	X	X	X	X	X	X	X	X	X	X	
		38	X	X	X	X	X	X	X	X	X	X	
		40	X	X	X	X	X	X	X	X	X	X	
		42	X	X	X	X	X	X	X	X	X	X	
		44	X	X	X	X	X	X	X	X	X	X	
		46	X	X	X	X	X	X	X	X	X	X	
		48	X	X	X	X	X	X	X	X	X	X	

Available Finishes		Available Accessories	
Standard		OBD	Steel Opposed Blade Damper
01	White	OBDA	Aluminum Opposed Blade Damper
Optional		L9	Equalizing Grid
02	Satin Silver	PF	Plaster Frame
03	Black	LIPF	Lay-in Plaster Frame
24	Mill (Aluminum Construction Only)	IS	Insect Screen
28	Custom Color	TR	Square to Round Transition
		TR Deep	Deep Square to Round Transition

Available Options	
NSH	No Screw Holes
CM	Concealed Mounting

CC5 MODEL NUMBER SPECIFICATION

SIDEWALL RETURN GRILLE — CUBE CORE — LAY-IN

Model		Neck										Module
		6	8	10	12	14	16	18	20	22		
CC5-6	1/2 x 1/2 x 1/2 Cube Core											12 x 12
CC5S-6	1/2 x 1/2 x 1/2 Cube Core with Steel Frame	4	X	X								
CC15-6	1/2 x 1/2 x 1 Cube Core	6	X	X								
CC1-6	1 x 1 x 1 Cube Core	8	X	X								
		10			X							24 x 12
		4	X	X	X	X	X	X	X	X		
		6	X	X	X	X	X	X	X	X		
		8	X	X	X	X	X	X	X	X		
		10								X		24 x 24
		4	X	X	X	X	X	X	X	X		
		6	X	X	X	X	X	X	X	X		
		8	X	X	X	X	X	X	X	X		
		10	X	X	X	X	X	X	X	X		
		12	X	X	X	X	X	X	X	X		
		14	X	X	X	X	X	X	X	X		
		16	X	X	X	X	X	X	X	X		
		18	X	X	X	X	X	X	X	X		
		20	X	X	X	X	X	X	X	X		
		22								X		

Available Finishes		Available Accessories	
Standard		OBD	Steel Opposed Blade Damper
01	White	OBDA	Aluminum Opposed Blade Damper
Optional		L9	Equalizing Grid
02	Satin Silver	TBPF	T-bar Plaster Frame
03	Black	IS	Insect Screen
24	Mill	TR	Square to Round Transition
28	Custom Color	TR Deep	Deep Square to Round Transition

CC5 MODEL NUMBER SPECIFICATION SIDEWALL RETURN GRILLE — CUBE CORE — LAY-IN

Model		Neck										Module
		6	8	10	12	14	16	18	20	22		
CC5-6	1/2 x 1/2 x 1/2 Cube Core											36 x 24
CC5S-6	1/2 x 1/2 x 1/2 Cube Core with Steel Frame	4	X	X	X	X	X	X	X	X	X	
CC15-6	1/2 x 1/2 x 1 Cube Core	6	X	X	X	X	X	X	X	X	X	
CC1-6	1 x 1 x 1 Cube Core	8	X	X	X	X	X	X	X	X	X	
		10	X	X	X	X	X	X	X	X	X	
		12	X	X	X	X	X	X	X	X	X	
		14	X	X	X	X	X	X	X	X	X	
		16	X	X	X	X	X	X	X	X	X	
		18	X	X	X	X	X	X	X	X	X	
		20	X	X	X	X	X	X	X	X	X	
		22										
		4	X	X	X	X	X	X	X	X	X	36 x 36
		6	X	X	X	X	X	X	X	X	X	
		8	X	X	X	X	X	X	X	X	X	
		10	X	X	X	X	X	X	X	X	X	
		12	X	X	X	X	X	X	X	X	X	
		14	X	X	X	X	X	X	X	X	X	
		16	X	X	X	X	X	X	X	X	X	
		18	X	X	X	X	X	X	X	X	X	
		20	X	X	X	X	X	X	X	X	X	
		22	X	X	X	X	X	X	X	X	X	
		24	X	X	X	X	X	X	X	X	X	
		26	X	X	X	X	X	X	X	X	X	
		28	X	X	X	X	X	X	X	X	X	
		30	X	X	X	X	X	X	X	X	X	
		32	X	X	X	X	X	X	X	X	X	

Available Finishes		Available Accessories	
Standard		OBD	Steel Opposed Blade Damper
01	White	OBDA	Aluminum Opposed Blade Damper
Optional		L9	Equalizing Grid
02	Satin Silver	TBPF	T-bar Plaster Frame
03	Black	IS	Insect Screen
24	Mill	TR	Square to Round Transition
28	Custom Color	TR Deep	Deep Square to Round Transition

CC5 MODEL NUMBER SPECIFICATION

SIDEWALL RETURN GRILLE — CUBE CORE — LAY-IN

Model		Neck										Module	
		6	8	10	12	14	16	18	20	22	26		
CC5-6	1/2 x 1/2 x 1/2 Cube Core												48 x 24
CC5S-6	1/2 x 1/2 x 1/2 Cube Core with Steel Frame	4	X	X	X	X	X	X	X	X	X	X	
CC15-6	1/2 x 1/2 x 1 Cube Core	6	X	X	X	X	X	X	X	X	X	X	
CC1-6	1 x 1 x 1 Cube Core	8	X	X	X	X	X	X	X	X	X	X	
		10	X	X	X	X	X	X	X	X	X	X	
		12	X	X	X	X	X	X	X	X	X	X	
		14	X	X	X	X	X	X	X	X	X	X	
		16	X	X	X	X	X	X	X	X	X	X	
		18	X	X	X	X	X	X	X	X	X	X	
		20	X	X	X	X	X	X	X	X	X	X	
		22											
		4	X	X	X	X	X	X	X	X	X	X	
		6	X	X	X	X	X	X	X	X	X	X	
		8	X	X	X	X	X	X	X	X	X	X	
		10	X	X	X	X	X	X	X	X	X	X	
		12	X	X	X	X	X	X	X	X	X	X	
		14	X	X	X	X	X	X	X	X	X	X	
		16	X	X	X	X	X	X	X	X	X	X	
		18	X	X	X	X	X	X	X	X	X	X	
		20	X	X	X	X	X	X	X	X	X	X	
		22	X	X	X	X	X	X	X	X	X	X	
		24	X	X	X	X	X	X	X	X	X	X	
		26	X	X	X	X	X	X	X	X	X	X	
		28	X	X	X	X	X	X	X	X	X	X	
		30	X	X	X	X	X	X	X	X	X	X	
		32	X	X	X	X	X	X	X	X	X	X	
		34	X	X	X	X	X	X	X	X	X	X	
		36	X	X	X	X	X	X	X	X	X	X	
		38	X	X	X	X	X	X	X	X	X	X	
		40	X	X	X	X	X	X	X	X	X	X	
		42	X	X	X	X	X	X	X	X	X	X	
		44	X	X	X	X	X	X	X	X	X	X	

Available Finishes		Available Accessories	
Standard		OBD	Steel Opposed Blade Damper
01	White	OBDA	Aluminum Opposed Blade Damper
Optional		L9	Equalizing Grid
02	Satin Silver	TBPF	T-bar Plaster Frame
03	Black	IS	Insect Screen
24	Mill	TR	Square to Round Transition
28	Custom Color	TR Deep	Deep Square to Round Transition

CC5 MODEL NUMBER SPECIFICATION SIDEWALL RETURN GRILLE — CUBE CORE — LAY-IN

Model		Neck										Module
		28	30	32	34	36	38	40	42	44	46	
CC5-6	1/2 x 1/2 x 1/2 Cube Core											48 x 24
CC5S-6	1/2 x 1/2 x 1/2 Cube Core with Steel Frame	4	X	X	X	X	X	X	X	X	X	
CC15-6	1/2 x 1/2 x 1 Cube Core	6	X	X	X	X	X	X	X	X		
CC1-6	1 x 1 x 1 Cube Core	8	X	X	X	X	X	X	X	X		
		10	X	X	X	X	X	X	X	X		
		12	X	X	X	X	X	X	X	X		
		14	X	X	X	X	X	X	X	X		
		16	X	X	X	X	X	X	X	X		
		18	X	X	X	X	X	X	X	X		
		20	X	X	X	X	X	X	X	X		
		22									X	
		4	X	X	X	X	X	X	X	X		
		6	X	X	X	X	X	X	X	X		
		8	X	X	X	X	X	X	X	X		
		10	X	X	X	X	X	X	X	X		
		12	X	X	X	X	X	X	X	X		
		14	X	X	X	X	X	X	X	X		
		16	X	X	X	X	X	X	X	X		
		18	X	X	X	X	X	X	X	X		
		20	X	X	X	X	X	X	X	X		
		22	X	X	X	X	X	X	X	X		
		24	X	X	X	X	X	X	X	X		
		26	X	X	X	X	X	X	X	X		
		28	X	X	X	X	X	X	X	X		
		30	X	X	X	X	X	X	X	X		
		32	X	X	X	X	X	X	X	X		
		34	X	X	X	X	X	X	X	X		
		36	X	X	X	X	X	X	X	X		
		38	X	X	X	X	X	X	X	X		
		40	X	X	X	X	X	X	X	X		
		42	X	X	X	X	X	X	X	X		
		44	X	X	X	X	X	X	X	X		
		46									X	

Available Finishes		Available Accessories	
Standard		OBD	Steel Opposed Blade Damper
01	White	OBDA	Aluminum Opposed Blade Damper
Optional		L9	Equalizing Grid
02	Satin Silver	TBPF	T-bar Plaster Frame
03	Black	IS	Insect Screen
24	Mill	TR	Square to Round Transition
28	Custom Color	TR Deep	Deep Square to Round Transition

CC5 MODEL NUMBER SPECIFICATION

SIDEWALL RETURN GRILLE — CUBE CORE — LAY-IN

Model		Neck									Module
		6	8	10	12	14	16	18	20		
CC5-7	1/2 x 1/2 x 1/2 Concealed Spline Ceiling										24 x 24
CC5-8	1/2 x 1/2 x 1/2 Tegular Ceiling	4	X	X	X	X	X	X	X	X	
CC5-9	1/2 x 1/2 x 1/2 Donn Finline/Bolt Slot Ceiling	6	X	X	X	X	X	X	X	X	
CC15-7	1/2 x 1/2 x 1 Concealed Spline Ceiling	8	X	X	X	X	X	X	X	X	
CC15-8	1/2 x 1/2 x 1 Tegular Ceiling	10	X	X	X	X	X	X	X	X	
CC51-9	1/2 x 1/2 x 1 Donn Finline/Bolt Slot Ceiling	12	X	X	X	X	X	X	X	X	
CC1-7	1 x 1 x 1 Concealed Spline Ceiling	14	X	X	X	X	X	X	X	X	
CC1-8	1 x 1 x 1 Tegular Ceiling	16	X	X	X	X	X	X	X	X	
CC1-9	1 x 1 x 1 Donn Finline/Bolt Slot Ceiling	18	X	X	X	X	X	X	X	X	
		20	X	X	X	X	X	X	X	X	

Available Finishes		Available Accessories	
Standard		OBD	Steel Opposed Blade Damper
01	White	OBDA	Aluminum Opposed Blade Damper
Optional		L9	Equalizing Grid
02	Satin Silver		
03	Black		
24	Mill		
28	Custom Color		

CC5 MODEL NUMBER SPECIFICATION

CUBE CORE LAY-IN CORE ONLY

Model		Neck											
		6	8	10	12	14	16	18	20	22	24	26	
CC5TBC-6	1/2 x 1/2 x 1/2												
	6	X	X	X	X	X	X	X	X	X	X	X	
	8		X	X	X	X	X	X	X	X	X	X	
	10			X	X	X	X	X	X	X	X	X	
	12				X	X	X	X	X	X	X	X	
	14					X	X	X	X	X	X	X	
	16						X	X	X	X	X	X	
	18							X	X	X	X	X	
	20								X	X	X	X	
	22									X	X	X	
	24										X	X	
	26											X	

CC5 MODEL NUMBER SPECIFICATION

CUBE CORE LAY-IN CORE ONLY

Model		Neck										
CC5TBC-6	1/2 x 1/2 x 1/2	28	30	32	34	36	38	40	42	44	46	48
28		X	X	X	X	X	X	X	X	X	X	X
30			X	X	X	X	X	X	X	X	X	X
32				X	X	X	X	X	X	X	X	X
34					X	X	X	X	X	X	X	X
36						X	X	X	X	X	X	X
38							X	X	X	X	X	X
40								X	X	X	X	X
42									X	X	X	X
44										X	X	X
46											X	X
48												X

Available Finishes	
Standard	
01	White
Optional	
02	Satin Silver
03	Black
24	Mill
28	Custom Color

CC5 MODEL NUMBER SPECIFICATION

CUBE CORE LAY-IN REMOVABLE CORE

Model		Cores				Available Finishes	
CC5R-6	1/2 x 1/2 x 1/2	12	24	36	48	Standard	
12		X	X	X	X	01	White
24			X	X	X	Optional	
						02	Satin Silver
						03	Black
						24	Mill
						28	Custom Color

SERIES CC PERFORMANCE DATA
MODELS CC5, CC15, CC1

Size	Duct Area ft ²	Nk Vel	200	300	400	500	600	700	800	900	1000
		Ps	-.006	-.013	-.024	-.037	-.054	-.073	-.095	-.120	-.149
06x06	.25	CFM	46	69	92	115	138	161	184	207	230
		NC	-	-	-	-	-	14	18	22	26
08x06	.33	CFM	61	92	122	152	183	213	243	274	304
		NC	-	-	-	-	-	15	19	23	27
10x06	.42	CFM	77	115	154	192	230	268	307	345	383
		NC	-	-	-	-	11	16	20	24	28
08x08	.44	CFM	83	125	166	204	249	291	332	374	415
		NC	-	-	-	-	11	16	21	25	28
12x06	.50	CFM	92	139	185	232	279	325	372	418	465
		NC	-	-	-	-	12	17	21	25	29
16x06 12x08	.67	CFM	126	189	253	317	378	442	506	570	630
		NC	-	-	-	-	13	18	22	26	30
10x10	.69	CFM	131	196	261	327	392	457	522	588	653
		NC	-	-	-	-	13	18	22	26	30
12x10 20x06	.83	CFM	157	235	313	391	469	547	625	703	781
		NC	-	-	-	-	13	18	23	26	30
24x06 12x12	1.00	CFM	191	287	382	478	573	669	764	860	955
		NC	-	-	-	-	14	19	24	28	31
14x12	1.16	CFM	222	333	444	554	665	776	887	998	1108
		NC	-	-	-	-	15	20	24	28	31
18x10 30x06	1.25	CFM	239	359	478	597	717	836	955	1075	1194
		NC	-	-	-	-	15	20	25	29	32
14x14	1.36	CFM	260	390	520	650	780	910	1040	1169	1299
		NC	-	-	-	-	15	20	25	29	32
18x12 36x06	1.50	CFM	287	430	573	717	860	1003	1146	1290	1433
		NC	-	-	-	-	16	21	25	29	33
24x10 30x08	1.67	CFM	319	479	638	798	957	1117	1276	1436	1595
		NC	-	-	-	-	16	21	25	29	33
18x14 42x06	1.75	CFM	335	502	669	836	1003	1170	1337	1505	1672
		NC	-	-	-	-	16	21	26	30	33
18x16 24x12	2.00	CFM	382	573	764	955	1146	1337	1528	1719	1910
		NC	-	-	-	11	17	22	26	30	33
18x18	2.25	CFM	430	645	860	1075	1290	1505	1719	1934	2149
		NC	-	-	-	11	17	22	26	30	34
30x12	2.50	CFM	478	717	955	1194	1433	1672	1910	2149	2388
		NC	-	-	-	11	17	23	27	31	34
20x20	2.78	CFM	531	797	1062	1328	1593	1859	2124	2390	2655
		NC	-	-	-	12	18	23	27	31	35

CONTINUED

SERIES CC PERFORMANCE DATA

MODELS CC5, CC15, CC1

Size	Duct Area ft ²	Nk Vel	200	300	400	500	600	700	800	900	1000
		Ps	-0.006	-0.013	-0.024	-0.037	-0.054	-0.073	-0.095	-0.120	-0.149
24x18 36x12	3.00	CFM	573	860	1146	1433	1719	2006	2292	2579	2865
		NC	-	-	-	12	18	23	28	32	35
22x22	3.36	CFM	642	963	1284	1605	1926	2247	2568	2888	3209
		NC	-	-	-	12	18	23	28	32	35
36x14 42x12	3.50	CFM	669	1003	1337	1672	2006	2340	2674	3009	3343
		NC	-	-	-	13	19	24	28	32	36

PERFORMANCE NOTES FOR SERIES CC

All data is tested in accordance with ANSI/ASHRAE 70-2006.

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

Velocity Velocity of air stream in Feet Per Minute

Ps Negative Static pressure (inches of water column)

NC Noise criterion, sound pressure level NC ratings are based on sound power level (lw)

RE: 10^{-12} watts minus a 10dB room attenuation in all octave bands

SERIES CC PERFORMANCE DATA

MODELS CC5, CC15, CC1

Size	Duct Area ft ²	Nk Vel	200	300	400	500	600	700	800	900	1000
		Ps	-.006	-.013	-.024	-.037	-.054	-.073	-.095	-.120	-.149
24x22	3.67	CFM	705	1057	1410	1762	2114	2467	2819	3171	3524
		NC	-	-	-	13	19	24	28	32	36
30x18	3.75	CFM	720	1080	1440	1800	2160	2520	2880	3240	3600
		NC	-	-	-	13	19	24	28	32	36
48x12 24x24	4.00	CFM	768	1152	1536	1920	2304	2688	3072	3456	3840
		NC	-	-	-	13	19	24	29	33	36
30x20	4.17	CFM	800	1200	1600	2000	2400	2800	3200	3600	4000
		NC	-	-	-	13	19	24	29	33	36
36x18	4.50	CFM	864	1296	1728	2160	2592	3024	3456	3888	4320
		NC	-	-	-	14	20	25	29	33	37
36x20 30x24	5.00	CFM	960	1440	1920	2400	2880	3360	3840	4320	4800
		NC	-	-	-	14	20	25	30	33	37
42x18	5.25	CFM	1008	1512	2016	2520	3024	3528	4032	4536	5040
		NC	-	-	-	14	20	25	30	34	37
28x28	5.44	CFM	1045	1567	2089	2612	3134	3656	4178	4701	5223
		NC	-	-	-	14	20	25	30	34	37
36x22	5.50	CFM	1056	1584	2112	2640	3168	3696	4224	4752	5280
		NC	-	-	-	14	20	25	30	34	37
48x18 36x24	6.00	CFM	1152	1728	2304	2880	3456	4032	4608	5184	5760
		NC	-	-	-	15	21	26	30	34	38
48x24 36x32	8.00	CFM	1536	2304	3072	3840	4608	5376	6144	6912	7680
		NC	-	-	-	16	22	27	31	35	39
48x30 42x34	10.00	CFM	1920	2880	3840	4800	5760	6720	7680	8640	9600
		NC	-	-	-	16	23	28	32	36	39
38x38	10.03	CFM	1926	2889	3852	4815	5778	6741	7704	8666	9629
		NC	-	-	-	16	23	28	32	36	39
42x36	10.50	CFM	2016	3024	4032	5040	6048	7056	8064	9072	10080
		NC	-	-	11	17	23	28	32	36	40
46x34	10.86	CFM	2086	3128	4171	5213	6256	7298	8341	9384	10426
		NC	-	-	11	17	23	28	32	36	40
42x38	11.08	CFM	2128	3192	4255	5319	6383	7446	8510	9574	10637
		NC	-	-	11	17	23	28	32	36	40
40x40	11.11	CFM	2134	3200	4267	5333	6400	7466	8533	9600	10666
		NC	-	-	11	17	23	28	32	36	40
48x36	12.00	CFM	2304	3456	4608	5760	6912	8064	9216	10368	11520
		NC	-	-	11	17	23	28	33	37	40

CONTINUED

SERIES CC PERFORMANCE DATA

MODELS CC5, CC15, CC1

Size	Duct Area ft ²	Nk Vel	200	300	400	500	600	700	800	900	1000
		Ps	-0.06	-0.13	-0.24	-0.37	-0.54	-0.73	-0.95	-1.20	-1.49
42x42	12.25	CFM	2352	3528	4704	5880	7056	8232	9408	10584	11760
		NC	-	-	11	17	23	28	33	37	40
44x44	13.44	CFM	2581	3871	5161	6452	7742	9032	10322	11613	12903
		NC	-	-	12	18	24	29	33	37	41
46x46	14.69	CFM	2821	4231	5641	7052	8462	9872	11282	12693	14103
		NC	-	-	12	18	24	29	33	37	41
48x48	16.00	CFM	3072	4608	6144	7680	9216	10752	12288	13824	15360
		NC	-	-	12	18	24	29	34	38	41

PERFORMANCE NOTES FOR SERIES CC

All data is tested in accordance with ANSI/ASHRAE 70-2006.

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

Velocity Velocity of air stream in Feet Per Minute

Ps Negative Static pressure (inches of water column)

NC Noise criterion, sound pressure level NC ratings are based on sound power level (lw)

RE: 10⁻¹² watts minus a 10dB room attenuation in all octave bands