

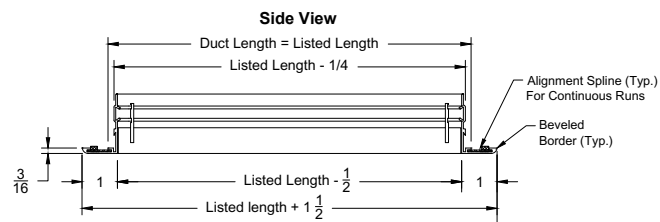
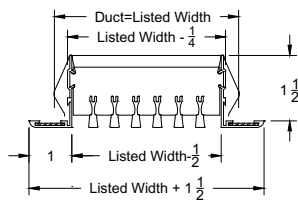
## MODEL 2000

The 2000 series linear bar grille is engineered for supply and return air distribution, heating, cooling and ventilating applications. It is designed for sidewall, floor, sill or ceiling application.

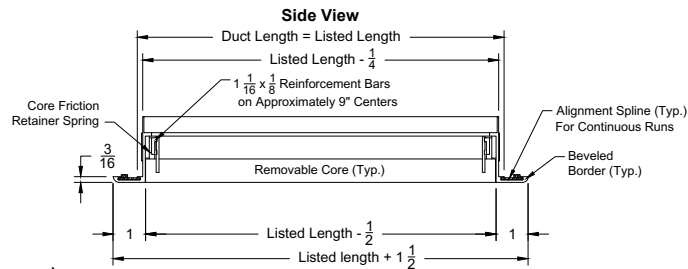
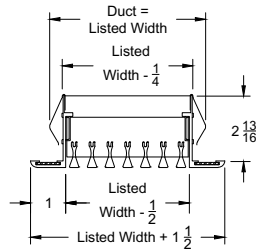
- Heavy gauge extruded aluminum construction
- Wide variety of border widths and frame styles
- Complete line of accessories



### Models: 2000, 2015, 2030 ( Wall Mounting )

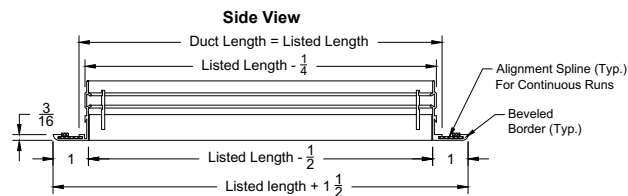
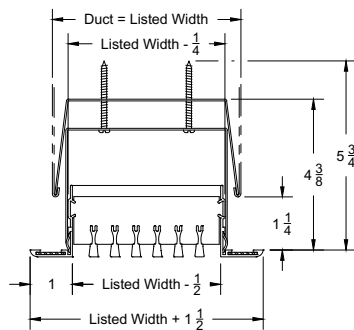


### Models: 2000 F, 2015 F, 2030 F, 2000 FP (Pencil Proof), 2015 FP (Pencil Proof), 2030 FP (Pencil Proof) ( Floor /Wall/Sill Mounting )

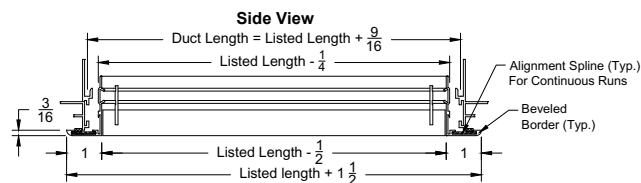
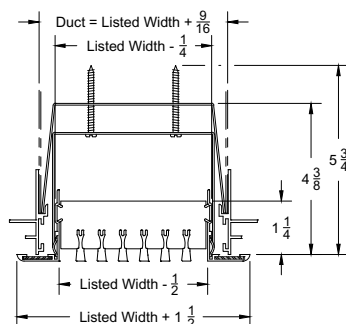


\* 12" Maximum Available Width

### Models: 2000H, 2015H, 2030H ( Concealed Mounting Hanger )

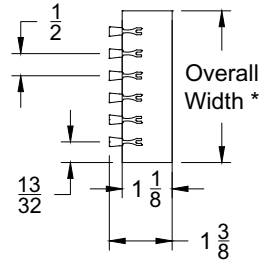
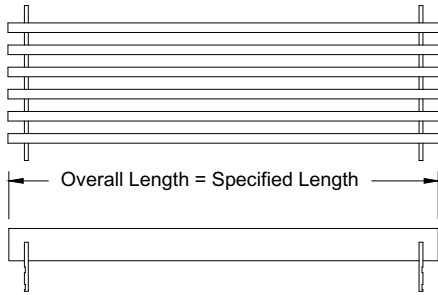


### Models: 2000 HP, 2015 HP, 2030 HP ( Spline Subframe For Plaster Wall & Ceilings )

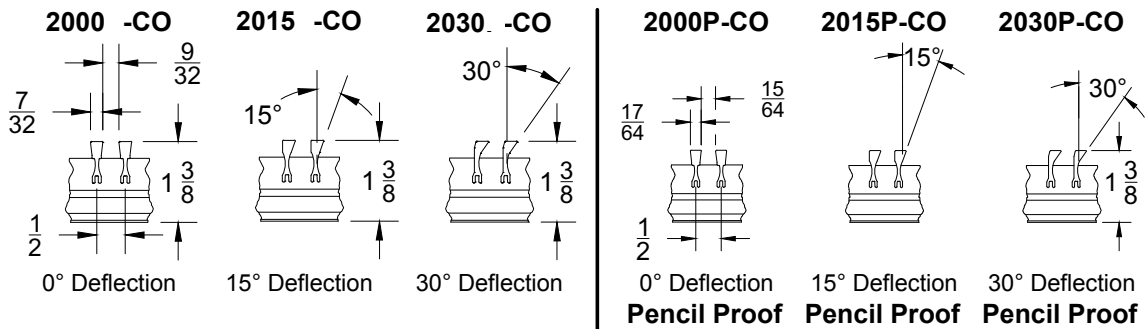


**Core Only ( 2000-CO, 2015-CO and 2030-CO )  
( 2000P-CO, 2015P-CO and 2030P-CO )**

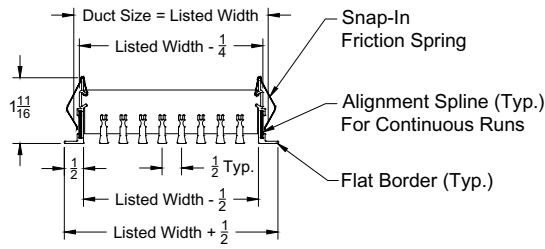
**\*\*\*2000 Cores Are Same As 2100 Cores\*\*\***



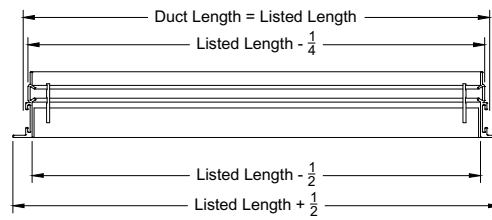
Available Overall Width (Inches)							
Width	Bars	Width	Bars	Width	Bars	Width	Bars
1 1/2	2	7 1/2	14	13 1/2	26	19 1/2	38
2	3	8	15	14	27	20	39
2 1/2	4	8 1/2	16	14 1/2	28	20 1/2	40
3	5	9	17	15	29	21	41
3 1/2	6	9 1/5	18	15 1/3	30	21 1/2	42
4	7	10	19	16	31	22	43
4 1/2	8	10 1/2	20	16 1/2	32	22 1/2	44
5	9	11	21	17	33	23	45
5 1/2	10	11 1/2	22	17 1/2	34	23 1/2	46
6	11	12	23	18	35	24	47
6 1/2	12	12 1/2	24	18 1/2	36	-	-
7	13	13	25	19	37	-	-



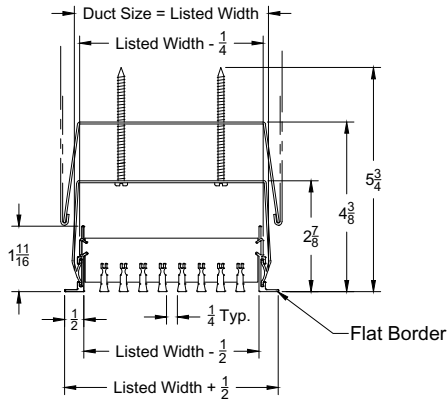
## Models: 2100, 2115, 2130 ( Wall Mounting )



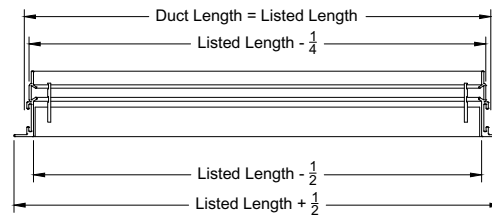
## Side View



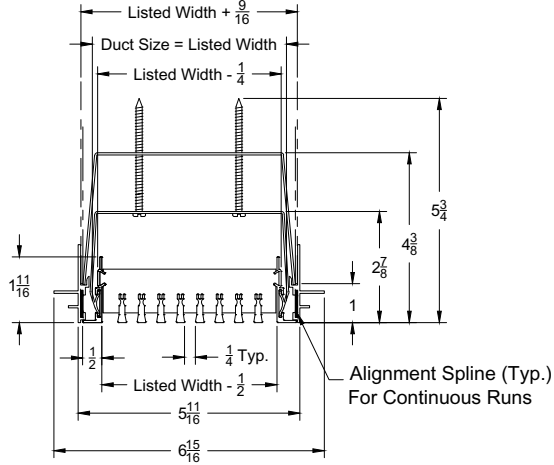
## Models: 2100H, 2115H, 2130H ( Concealed Mounting Hanger )



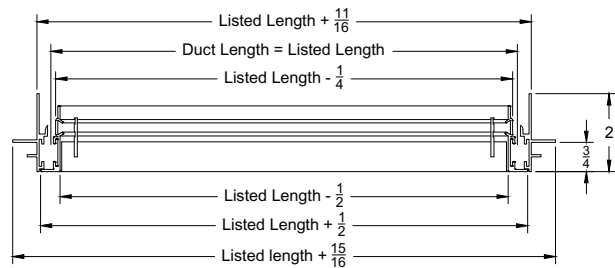
## Side View



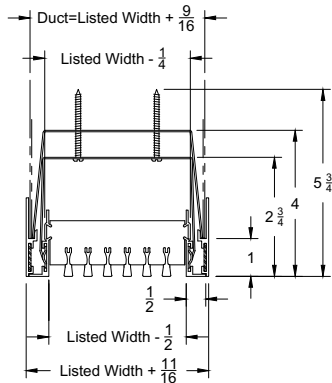
## Models: 2100HP, 2115HP, 2130HP ( Concealed Spline Subframe )



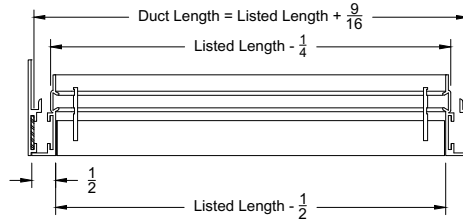
## Side View



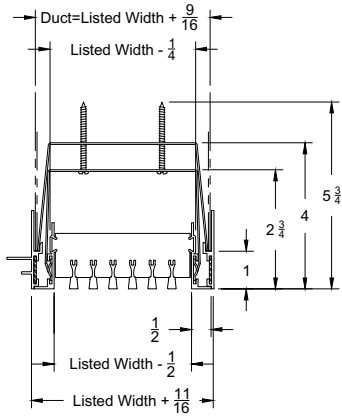
## Models: 2100 HW, 2115 HW, 2130 HW ( Narrow Subframe )



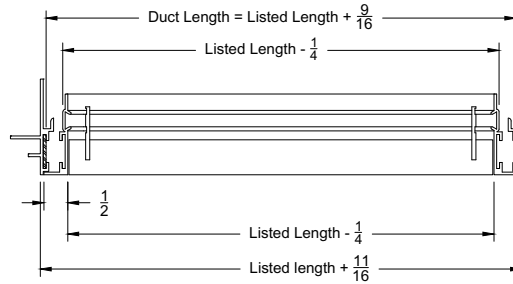
Side View



## Models: 2100 HC, 2115 HC, 2130 HC ( Combination Subframe )

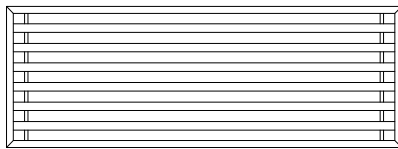


Side View

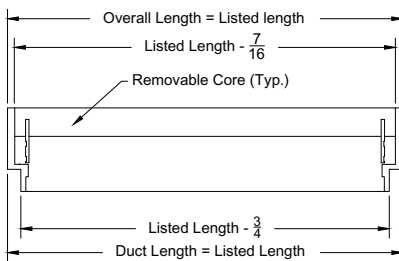
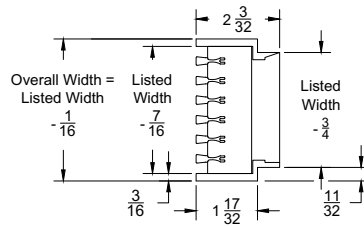


## Models: 2200 F, 2215 F, 2230 F, 2200 FP, 2215 FP, 2230 FP - Non Flanged Floor Mounting

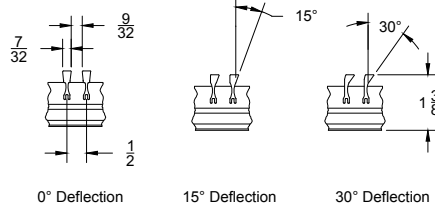
Face View (all models)



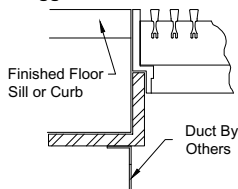
Side View (all models)



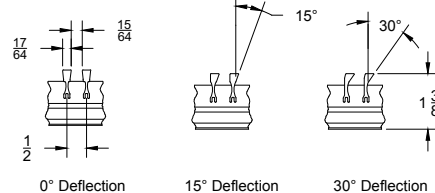
Model: F



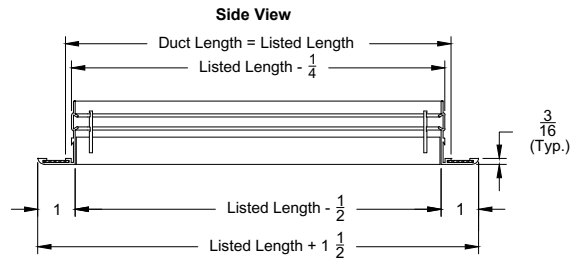
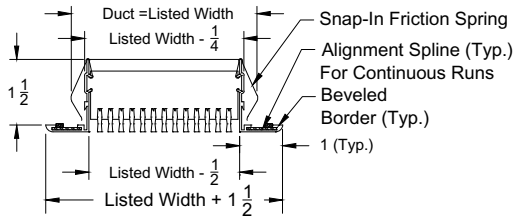
Suggested Installation



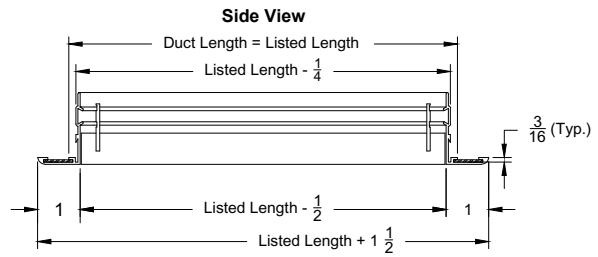
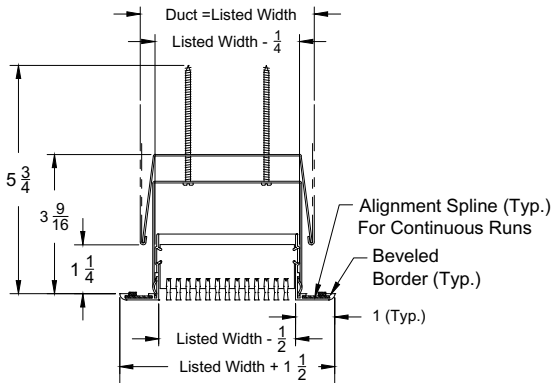
Model: FP



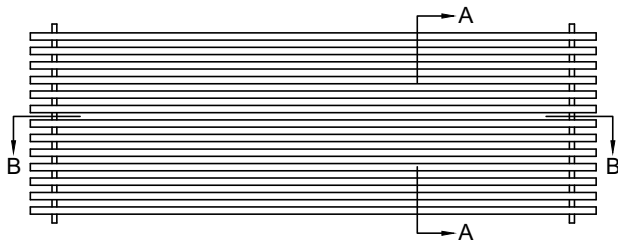
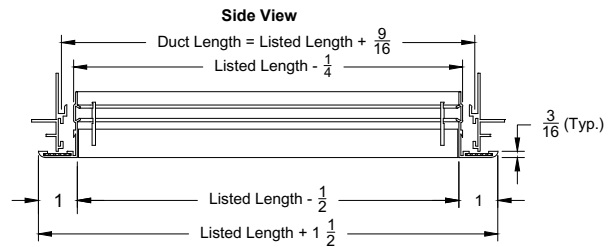
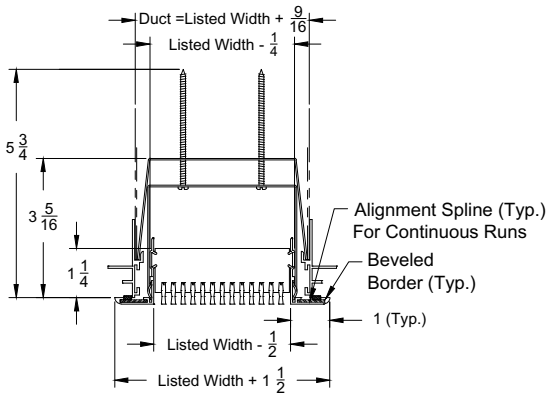
**Models: 2300, 2315, 2330 (Wall Mounting - 0° / 15° / 30° Deflection)**



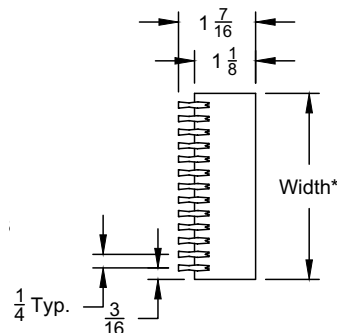
**Models: 2300H, 2315H, 2330H (Concealed Mounting Hangers - 0° / 15° / 30° Deflection)**



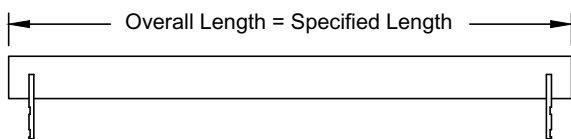
**Models: 2300HP, 2315HP, 2330HP (Concealed Spline Mounting Frame - 0° / 15° / 30° Deflection)**



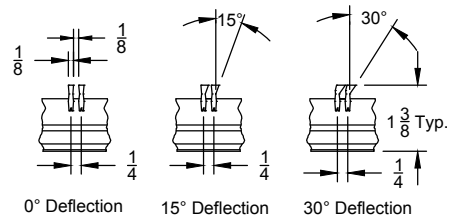
**Face View (All Models)**



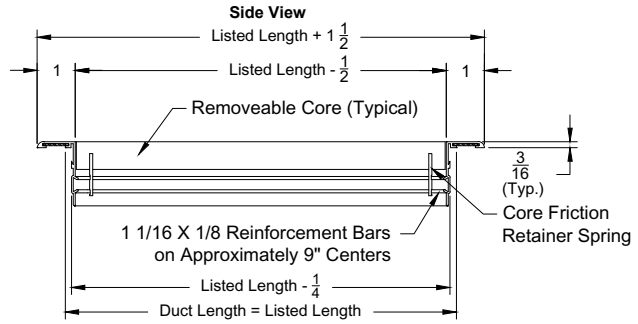
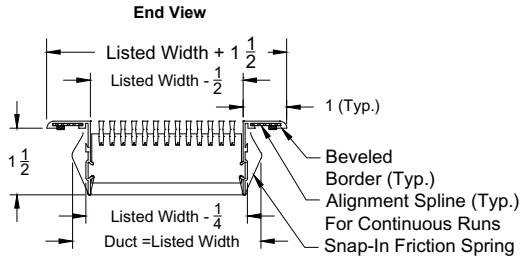
**Section A-A - All Models**



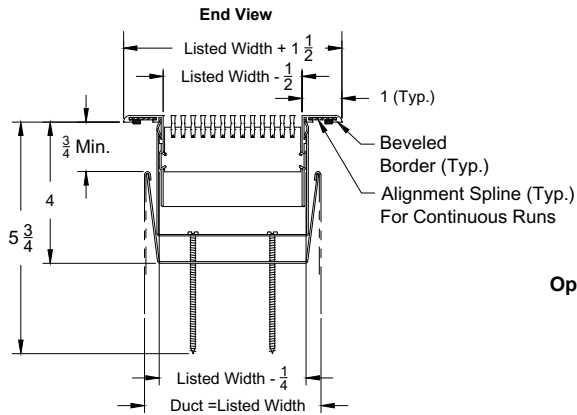
**Section B-B - All Models**



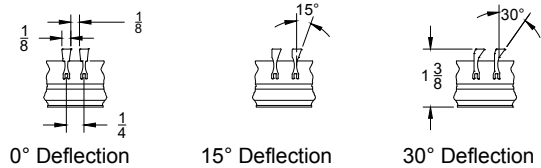
**Models: 2300F, 2315F and 2330F ( Standard Spring Clip Mount )**



**Models: 2300 F/H ( Concealed Mounting )**



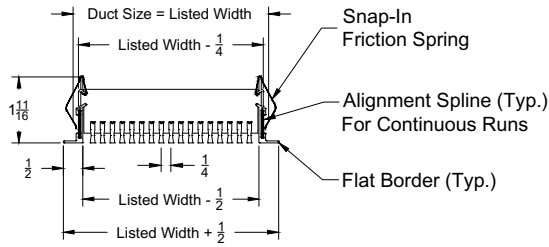
**Options: 0°, 15° or 30° Deflection**



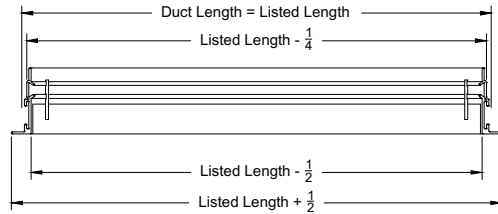
*Available Overall Width (Inches)																						
1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12

Number of Bars																						
3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47

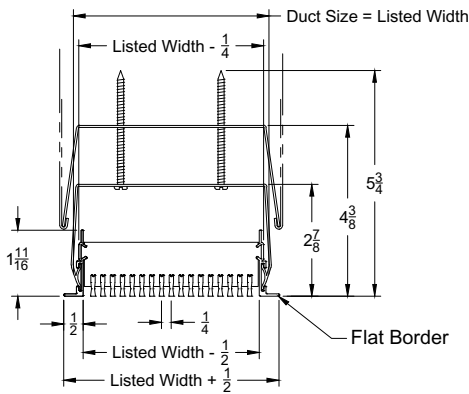
**Models: 2400, 2415, 2430 (Wall Mounting - 0° / 15° / 30° Deflection)**



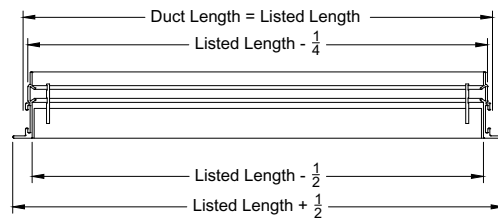
**Side View**



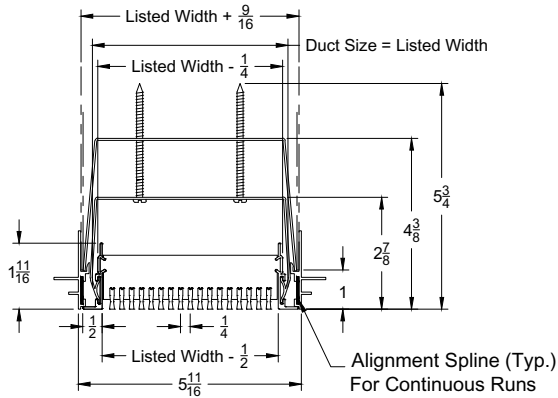
**Models: 2400H, 2415H, 2430H (Concealed Mounting Hangers - 0° / 15° / 30° Deflection)**



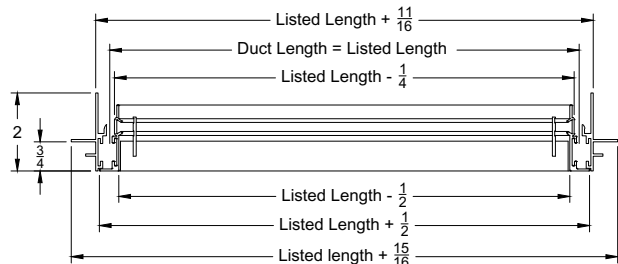
**Side View**



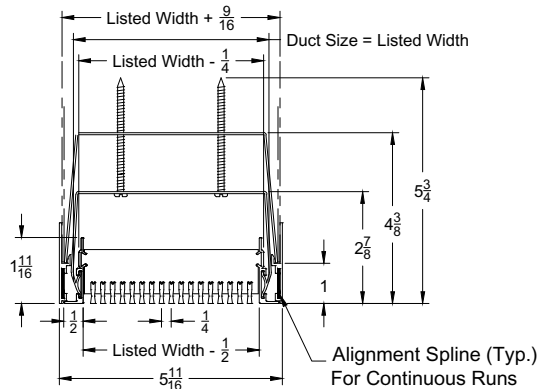
**Models: 2400HP, 2415HP, 2430HP (Concealed Spline Mounting Frame - 0° / 15° / 30° Deflection)**



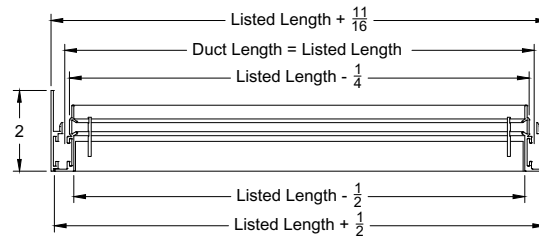
**Side View**



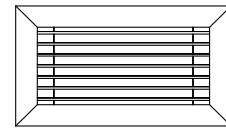
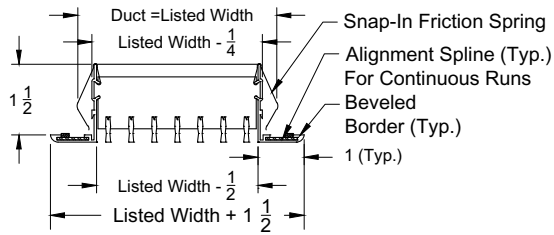
**Models: 2400 HW, 2415 HW, 2430 HW (Narrow Mounting Frame - 0° / 15° / 30° Deflection)**



**Side View**

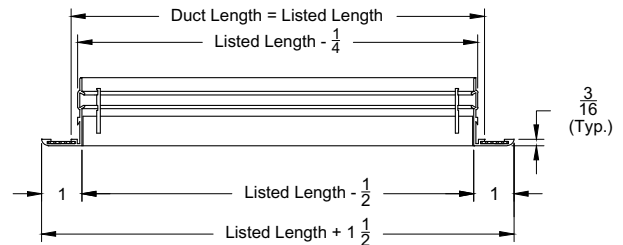


**Is: 2500, 2515, 2530 (Wall Mounting - 0° / 15° / 30° Deflection)**

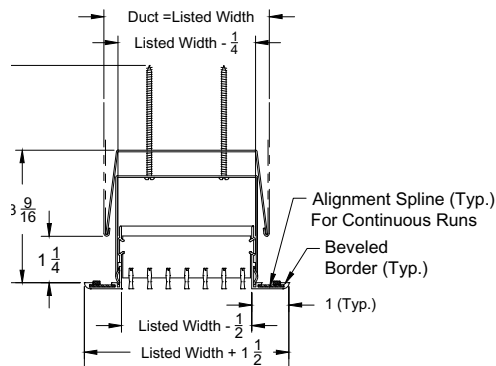


**Face View (all models)**

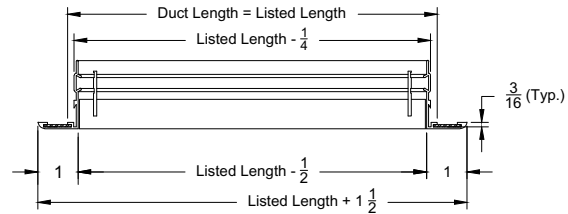
**Side View**



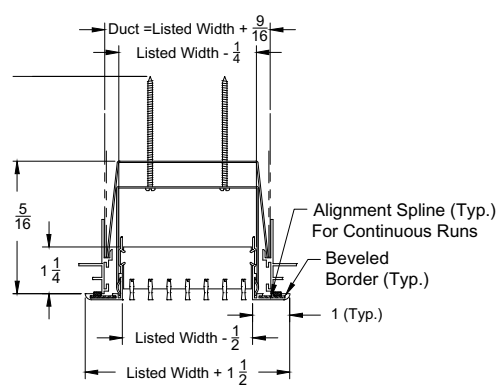
**Is: 2500H, 2515H, 2530H (Concealed Mounting Hangers - 0° / 15° / 30° Deflection)**



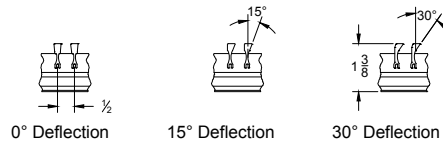
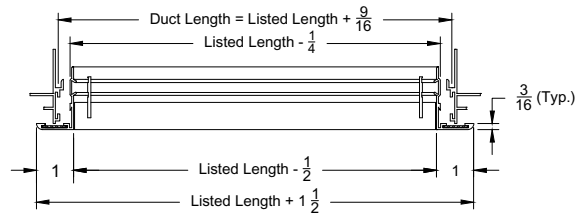
**Side View**



**Is: 2500HP, 2515HP, 2530HP (Concealed Spline Mounting Frame With Hangers - 0° / 15° / 30° Deflection)**



**Side View**



**Cores = 1/8" Bars on 1/2" Centers**



## SERIES 2000 SPECIFICATIONS

### LINEAR BAR GRILLE — ALUMINUM — MODELS 2000/2100/2200F/2300/2400/2500

- Air outlets shall be 2000 series extruded aluminum linear bar grilles manufactured by METALAIRE. The units shall be constructed from heavy walled extruded aluminum. The units shall be the size and quantity as outlined in the plans and specifications.
- Units specifically designed for sidewall or ceiling applications (Models 2000/2100/2300/2400/2500) shall have deflection bars of 0°, 15° or 30° as detailed. Face bars shall be 1/8" or 7/32" wide on 1/4" or 1/2" centers and shall be permanently fixed in position. Borders shall be 1" or 1/2" wide. Auxiliary sub-frames shall be furnished as required to fit the wall or ceiling system. The units shall be furnished with positive holding concealed mounting systems as required. Units shall be furnished in one piece up to 72" in length. Continuous sections shall butt together with hairline joints and be provided with interlocking alignment splines. Borders shall be mechanically fastened to provide a mitered corner.
- Units specifically designed for floor applications (Models 2000F/2200F/2300F) shall have deflection bars of 0°, 15° or 30° as detailed. . Face bars shall be 1/8" on 1/4" centers or 7/32" on 1/2" centers. Borders shall be 3/16" or 1" wide as specified. Cores shall be removable and shall be held in place by retaining clips. The units shall be specially reinforced for floor or sill installation with 1/8" by 11/16" support brackets. Units shall be furnished in one piece up to 72" in length. Continuous sections shall butt together with hairline joints and be provided with interlocking alignment splines (Model 2200F not available for continuous runs). Borders shall be mechanically fastened to provide a mitered corner.
- Units specifically designed for pencil proof applications (Models 2000FP/2200FP) shall have deflection bars of 0°, 15° or 30° as detailed. Face bars shall be 17/64" wide on 1/2" centers. Borders shall be 3/16" or 1" wide as specified. Cores shall be removable and shall be held in place by retaining clips. The units shall be specially reinforced for floor or sill installation with 1/8" by 11/16" support brackets. Units shall be furnished in one piece up to 72" in length. Continuous sections shall butt together with hairline joints and be provided with interlocking alignment splines (Model 2200F not available for continuous runs). Borders shall be mechanically fastened to provide a mitered corner.

### 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.

## MODEL 2000 NUMBER SPECIFICATION

MODEL 2000 (1 BORDER - 7/32 BARS - 1/2 CENTERS)

Model	Mounting	Length	Width	End Detail		Available Finishes	
2000	Standard	6 - 72 (One Piece)	1 1/2 - 24 (1/2 Increments)	1EB	One End Border	01	White
2015	H - Concealed Mtg W/ Hanger			2EB	Two End Borders	02	Satin Silver
2030	HP - Spline Subframe / Concealed Mtg			00	Open Ends	03	Black
	F - Floor Mtg					04	Clear Anodized
	FP - Floor Mtg / Pencil Proof					24	Mill
						28	Custom Color

Available Accessories	
DA	
L9	Equalizing Grid

Available Options	
FSM	
Access Door	
(Access Door not available on floor units)	

## MODEL 2000 CORE ONLY

Model	Length	Width	Available Finishes	
2000CO	6 - 72 (One Piece)	1 1/2 - 24 (1/2 Increments)	01	White
2015CO			02	Satin Silver
2030CO			03	Black
			04	Clear Anodized
			24	Mill
			28	Custom Color

## MODEL 2000 NUMBER SPECIFICATION

MODEL 2000 (1 BORDER - 7/32 BARS - 1/2 CENTERS)

Model	Mounting	Width	Miter Style		Available Finishes	
2000	MC - Standard Miter Corner	1 1/2 - 24 (1/2 Increments)	90	Horizontal 90 Degree	01	White
2015	HMC - Concealed Mtg W/ Hanger Miter Corner		SPEC	Special Miter	02	Satin Silver
2030	HPMC - Spline Subframe / Concealed Mtg Miter Corner		VI	Vertical Inside	03	Black
	FMC - Floor Mtg Miter Corner		V2	Vertical Outside	04	Clear Anodized
	FPMC - Floor Mtg / Pencil Proof Miter Corner				24	Mill
					28	Custom Color

## MODEL 2100 NUMBER SPECIFICATION

MODEL 2100 (1/2 BORDER - 7/32 BARS - 1/2 CENTERS)

Model	Mounting	Length	Width	End Detail		Available Finishes	
2100	Standard	6 - 72 (One Piece)	1 1/2 - 24 (1/2 Increments)	1EB	One End Border	01	White
2115	H - Concealed Mtg W/ Hanger			2EB	Two End Borders	02	Satin Silver
2130	HP - Spline Subframe / Concealed Mtg			00	Open Ends	03	Black
	HW - Narrow Subframe / Concealed Mtg	04	Clear Anodized				
	HC - Combo Subframe / Concealed Mtg	24	Mill				
		28	Custom Color				

Available Accessories	
DA	
L9	Equalizing Grid

Available Options	
Access Door	
(Access Door not available on floor units)	

## MODEL 2100 NUMBER SPECIFICATION

MODEL 2100 MITER CORNER

Model	Mounting	Width	Miter Style		Air Flow	
2100	MC - Standard Miter Corner	1 1/2 - 24 (1/2 Increments)	90	Horizontal 90 Degree	00	0 Degree Deflection
2115	HMC - Concealed Mtg W/ Hanger Miter Corner		SPEC	Special Miter	IN	Air Flow In
2130	HPMC - Spline Subframe / Concealed Mtg Miter Corner		VI	Vertical Inside	OT	Air Flow Out
	HWMC - Narrow Subframe / Concealed Mtg Miter Corner	V2	Vertical Outside			
	HCMC - Combo Subframe / Concealed Mtg Miter Corner					

Available Finishes	
01	White
02	Satin Silver
03	Black
04	Clear Anodized
24	Mill
28	Custom Color

## MODEL 2200 NUMBER SPECIFICATION

MODEL 2200 (3/16 BORDER - 7/32 BARS - 1/2 CENTERS)

Model	Mounting	Length	Width	Finish		Accessories	
2200	F - Floor Mtg	6 - 72	1 1/2 - 8	01	White	L9	Equalizing Grid
2215	FP - Floor Mtg W/Miter	(One Piece)	(1/2 Increments)	02	Satin Silver		
2230				03	Black		
				04	Clear Anodized		
				24	Mill		
				28	Custom Color		

## MODEL 2200 NUMBER SPECIFICATION

MODEL 2200 MITER CORNER

Model	Mounting	Width	Miter Style		Air Flow		Available Finishes	
2200	FMC - Floor Mtg Miter Corner	1 1/2 - 8	90	Horizontal 90 Degree	00	0 Degree Deflection	01	White
2215	FPM - Floor Mtg/Pencil Proof Miter Corner	(1/2 Increments)	SPEC	Special Miter	IN	Air Flow In	02	Satin Silver
2230					OT	Air Flow Out	03	Black
							04	Clear Anodized
							24	Mill
							28	Custom Color

## MODEL 2300 NUMBER SPECIFICATION

MODEL 2300 (1 BORDER - 1/8 BARS - 1/4 CENTERS)

Model	Mounting	Length	Width	End Detail		Available Finishes	
2300	Standard	6 - 72 (One Piece)	1 1/2 - 12 (1/2 Increments)	1EB	One End Border	01	White
2315	H - Concealed Mtg W/ Hanger			2EB	Two End Borders	02	Satin Silver
2330	HP - Spline Subframe / Concealed Mtg			00	Open Ends	03	Black
				04	Clear Anodized		
	F - Floor Mtg			24	Mill		
				28	Custom Color		

Available Accessories	
DA	
L9	Equalizing Grid

Available Options	
FSM	
Access Door	
(Access Door not available on floor units)	

## MODEL 2300 CORE ONLY

Model	Length	Width	Available Finishes	
2300CO	6 - 72 (One Piece)	1 1/2 - 12 (1/2 Increments)	01	White
2315CO			02	Satin Silver
2330CO			03	Black
			04	Clear Anodized
			24	Mill
			28	Custom Color

## MODEL 2300 MITER CORNER

Model	Mounting	Width	Miter Style		Air Flow	
2300	MC - Standard Miter Corner	1 1/2 - 12 (1/2 Increments)	90	Horizontal 90 Degree	00	0 Degree Deflection
2315	HMC - Concealed Mtg W/ Hanger Miter Corner		SPEC	Special Miter	IN	Air Flow In
2330	HPMC - Spline Subframe / Concealed Mtg Miter Corner		VI	Vertical Inside	OT	Air Flow Out
		V2	Vertical Outside			
	FMC - Floor Mtg Miter Corner					
	FPMC - Floor Mtg / Pencil Proof Miter Corner					

Available Finishes	
01	White
02	Satin Silver
03	Black
04	Clear Anodized
24	Mill
28	Custom Color

## MODEL 2400 NUMBER SPECIFICATION

MODEL 2400 (1/2 BORDER - 7/32 BARS - 1/2 CENTERS)

Model	Mounting	Length	Width	End Detail		Available Finishes	
2400	Standard	6 - 72 (One Piece)	1 1/2 - 12 (1/2 Increments)	1EB	One End Border	01	White
2415	H - Concealed Mtg W/ Hanger			2EB	Two End Borders	02	Satin Silver
2430	HP - Spline Subframe / Concealed Mtg			00	Open Ends	03	Black
	HW - Narrow Subframe / Concealed Mtg	04	Clear Anodized				
	HC - Combo Subframe / Concealed Mtg	24	Mill				
		28	Custom Color				

Available Accessories	
DA	
L9	Equalizing Grid

Available Options	
FSM	
Access Door	
(Access Door not available on floor units)	

## MODEL 2400 MITER CORNER

Model	Mounting	Width	Miter Style		Air Flow	
2400	MC - Standard Miter Corner	1 1/2 - 12 (1/2 Increments)	90	Horizontal 90 Degree	00	0 Degree Deflection
2415	HMC - Concealed Mtg W/ Hanger Miter Corner		SPEC	Special Miter	IN	Air Flow In
2430	HPMC - Spline Subframe / Concealed Mtg Miter Corner		VI	Vertical Inside	OT	Air Flow Out
	HWMC - Narrow Subframe / Concealed Mtg Miter Corner		V2	Vertical Outside		
	HCMC - Combo Subframe / Concealed Mtg Miter Corner					

Available Finishes	
01	White
02	Satin Silver
03	Black
04	Clear Anodized
24	Mill
28	Custom Color

## MODEL 2500 NUMBER SPECIFICATION

MODEL 2500 (1 BORDER - 7/32 BARS - 1/2 CENTERS)

Model	Mounting	Length	Width	End Detail		Available Finishes	
2500	Standard	6 - 72 (One Piece)	1 1/2 - 24 (1/2 Increments)	1EB	One End Border	01	White
2515	H - Concealed Mtg W/ Hanger			2EB	Two End Borders	02	Satin Silver
2530	HP - Spline Subframe / Concealed Mtg			00	Open Ends	03	Black
						04	Clear Anodized
						24	Mill
						28	Custom Color

Available Accessories	
DA	
L9	Equalizing Grid

Available Options	
FSM	
Access Door	
(Access Door not available on floor units)	

## MODEL 2500 MITER CORNER

Model	Mounting	Width	Miter Style		Air Flow	
2500	MC - Standard Miter Corner	1 1/2 - 24 (1/2 Increments)	90	Horizontal 90 Degree	00	0 Degree Deflection
2515	HMC - Concealed Mtg W/ Hanger Miter Corner		SPEC	Special Miter	IN	Air Flow In
2530	HPMC - Spline Subframe / Concealed Mtg Miter Corner		VI	Vertical Inside	OT	Air Flow Out
			V2	Vertical Outside		

Available Finishes	
01	White
02	Satin Silver
03	Black
04	Clear Anodized
24	Mill
28	Custom Color

## SERIES 2000 PERFORMANCE DATA

MODEL 2000, 2100, 2200 (0° AND 15° DEFLECTION)

Listed Width (in inches)	Outlet Velocity (V <sub>k</sub> )	500	700	900	1000	1100	1200	1300
	Total Pressure (Pt)	.016	.031	.051	.062	.076	.090	.105
	Static Pressure (Ps)	.012	.024	.040	.050	.060	.072	.084
	NC	-	15	20	23	26	29	31
<b>1 1/2</b> .062	Flow CFM / FT	31	43	56	62	68	74	81
	Throw Sill or Floor	6-9	9-13	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	8-11	11-16	13-18	14-20	15-22	17-24	17-25
<b>2</b> .086	Flow CFM / FT	43	60	77	86	95	103	112
	Throw Sill or Floor	5-8	8-12	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	7-10	10-15	13-18	14-20	15-22	17-24	17-25
<b>2 1/2</b> .110	Flow CFM / FT	55	77	99	110	121	132	143
	Throw Sill or Floor	6-9	9-13	11-16	13-18	13-19	15-21	15-22
	Throw Side Wall	8-11	11-16	14-20	16-23	17-24	18-26	20-28
<b>3</b> .130	Flow CFM / FT	65	91	117	130	143	156	169
	Throw Sill or Floor	7-10	10-15	13-18	15-21	15-22	17-24	18-26
	Throw Side Wall	8-12	13-18	15-22	17-25	18-26	20-28	21-30
<b>3 1/2</b> .152	Flow CFM / FT	76	106	137	152	167	182	198
	Throw Sill or Floor	7-10	10-15	13-18	15-21	15-22	17-24	18-26
	Throw Side Wall	9-13	13-18	16-23	18-26	20-26	21-30	21-30
<b>4</b> .176	Flow CFM / FT	88	123	158	176	194	211	229
	Throw Sill or Floor	8-11	12-16	14-20	16-23	18-26	19-27	20-29
	Throw Side Wall	10-14	15-22	17-25	20-29	22-32	24-34	25-36
<b>5</b> .220	Flow CFM / FT	110	154	198	220	242	264	286
	Throw Sill or Floor	8-12	13-18	15-21	17-24	18-26	19-27	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
<b>6</b> .265	Flow CFM / FT	133	186	239	265	292	318	345
	Throw Sill or Floor	8-12	13-18	15-22	17-25	18-26	20-28	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
<b>8</b> .356	Flow CFM / FT	178	249	320	356	392		
	Throw Sill or Floor	10-14	13-19	15-22	18-26	19-27		
	Throw Side Wall	12-17	17-24	20-28	23-33	24-34		
<b>10</b> .446	Flow CFM / FT	223	312	401	446			
	Throw Sill or Floor	10-15	15-22	18-26	21-30			
	Throw Side Wall	13-19	20-28	23-33	26-37			
<b>12</b> .536	Flow CFM / FT	268	375	482				
	Throw Sill or Floor	12-17	22-31	21-33				
	Throw Side Wall	15-21	24-35	27-38				



## SERIES 2000 PERFORMANCE DATA MODEL 2000, 2100, 2200 (30° DEFLECTION)

Listed Width (in inches)	Outlet Velocity (V <sub>k</sub> )	500	700	900	1000	1100	1200	1300
	Total Pressure (Pt)	.020	.040	.067	.081	.100	.119	.139
	Static Pressure (Ps)	.017	.034	.056	.070	.084	.100	.118
	NC	15	20	25	28	31	34	36
1 1/2 .062	Flow CFM / FT	35	49	64	71	78	84	92
	Throw Sill or Floor	5-8	8-12	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	7-9	10-14	12-16	14-20	15-22	17-24	17-25
2 .086	Flow CFM / FT	49	68	88	98	108	118	128
	Throw Sill or Floor	6-9	9-13	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	8-10	10-15	13-18	15-21	16-23	17-27	18-26
2 1/2 .110	Flow CFM / FT	63	88	113	126	138	151	163
	Throw Sill or Floor	6-9	9-13	11-16	13-18	13-19	15-21	15-22
	Throw Side Wall	8-11	11-16	14-20	16-23	17-24	18-26	20-28
3 .130	Flow CFM / FT	74	104	133	148	163	178	193
	Throw Sill or Floor	7-10	10-14	13-18	15-21	15-22	17-24	18-26
	Throw Side Wall	8-12	13-18	15-22	17-25	18-26	20-28	21-30
3 1/2 .152	Flow CFM / FT	87	121	156	173	191	208	226
	Throw Sill or Floor	7-10	10-15	13-18	14-20	15-21	15-22	17-24
	Throw Side Wall	8-12	13-19	16-23	18-26	20-28	21-30	22-32
4 .176	Flow CFM / FT	100	140	180	201	221	241	261
	Throw Sill or Floor	8-11	13-18	15-21	17-24	18-26	19-27	21-30
	Throw Side Wall	10-14	15-22	17-25	20-29	22-32	24-34	25-36
5 .220	Flow CFM / FT	126	176	226	251	276	301	326
	Throw Sill or Floor	8-12	13-18	15-22	17-25	18-26	20-28	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
6 .265	Flow CFM / FT	151	212	272	302	333	363	393
	Throw Sill or Floor	9-13	13-18	15-22	17-25	18-26	20-28	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
8 .356	Flow CFM / FT	203	284	366	406	447		
	Throw Sill or Floor	10-14	13-19	15-22	18-26	19-27		
	Throw Side Wall	12-17	17-24	20-28	23-33	24-34		
10 .446	Flow CFM / FT	254	356	458	509			
	Throw Sill or Floor	10-15	15-22	18-26	21-30			
	Throw Side Wall	13-19	20-28	23-33	26-37			
12 .536	Flow CFM / FT	306	428	550				
	Throw Sill or Floor	12-17	22-31	21-30				
	Throw Side Wall	15-21	24-35	27-38				

## PERFORMANCE NOTES FOR SERIES 2000

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

### DEFINITION OF UNITS

*CFM Cubic Feet per Minute (air)*

*VK Outlet Velocity*

*Pt Total pressure (inches of water column)*

*Ps Static pressure =  $P_t - P_v$  (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*

*Throw Total distance (in feet) covered by an airstream before its maximum velocity falls to a preselected terminal level (Vt) of 150fpm and 50fpm respectively.*

## SERIES 2300 PERFORMANCE DATA MODEL 2300, 2400 (0° AND 15° DEFLECTION)

Listed Width (in inches) and effective Free Area	Outlet Velocity (V <sub>k</sub> )	500	700	900	1000	1100	1200	1300
	Total Pressure (Pt)	.020	.038	.062	.076	.091	.110	.128
	Static Pressure (Ps)	.015	.029	.049	.061	.073	.088	.102
	NC	15	18	24	28	31	35	37
1.5 .062	Flow CFM / FT	31	44	56	63	69	75	81
	Throw Sill or Floor	7-11	11-16	12-17	13-19	16-22	16-23	17-24
	Throw Side Wall	10-13	13-19	16-22	17-24	18-26	20-29	20-30
2 .086	Flow CFM / FT	43	60	77	85	94	102	111
	Throw Sill or Floor	6-10	10-14	12-17	13-19	16-22	16-23	17-24
	Throw Side Wall	8-12	12-18	16-22	17-24	18-26	20-29	20-30
2.5 .110	Flow CFM / FT	55	77	99	110	121	132	143
	Throw Sill or Floor	7-11	11-16	13-19	16-22	16-23	18-25	18-26
	Throw Side Wall	10-13	13-19	17-24	19-28	20-29	22-31	24-34
3 .130	Flow CFM / FT	65	91	117	130	143	156	169
	Throw Sill or Floor	8-12	12-17	16-22	17-24	18-25	18-26	20-29
	Throw Side Wall	10-14	16-22	18-26	20-30	22-31	24-34	25-36
3.5 .152	Flow CFM / FT	76	107	137	153	168	183	198
	Throw Sill or Floor	8-12	12-18	16-22	18-25	18-26	20-29	22-31
	Throw Side Wall	10-14	16-22	18-26	20-30	22-31	24-34	25-36
4 .176	Flow CFM / FT	88	123	158	176	193	210	228
	Throw Sill or Floor	10-13	16-22	17-24	1-29	22-31	23-32	24-35
	Throw Side Wall	12-18	18-26	20-30	24-35	26-38	29-41	30-43
5 .220	Flow CFM / FT	110	154	198	220	242	264	286
	Throw Sill or Floor	10-14	16-22	18-25	20-29	22-30	23-32	25-36
	Throw Side Wall	12-18	18-26	22-31	25-36	26-38	29-41	31-44
6 .265	Flow CFM / FT	133	186	239	265	292	318	345
	Throw Sill or Floor	10-14	16-22	18-26	20-30	22-32	24-34	25-36
	Throw Side Wall	12-18	18-26	23-32	26-37	28-40	30-43	32-46
8 .356	Flow CFM / FT	178	249	320	356	391		
	Throw Sill or Floor	12-17	16-23	18-26	22-31	23-33		
	Throw Side Wall	14-20	20-29	24-34	28-40	29-43		
10 .446	Flow CFM / FT	223	312	401	445			
	Throw Sill or Floor	12-18	18-26	22-31	25-36			
	Throw Side Wall	16-23	24-34	28-40	31-44			
12 .536	Flow CFM / FT	268	375	482				
	Throw Sill or Floor	14-20	26-37	25-36				
	Throw Side Wall	18-20	29-42	32-46				

## SERIES 2300 PERFORMANCE DATA MODEL 2300, 2400 (30° DEFLECTION)

Listed Width (in inches)	Outlet Velocity (V <sub>k</sub> )	500	700	900	1000	1100	1200	1300
	Total Pressure (Pt)	.016	.031	.051	.062	.076	.090	.105
	Static Pressure (Ps)	.012	.024	.040	.050	.061	.072	.084
	NC	0	20	23	26	29	31	36
1.5 .062	Flow CFM / FT	36	50	65	71	79	86	94
	Throw Sill or Floor	7-11	11-16	12-17	13-19	16-22	16-23	17-24
	Throw Side Wall	10-13	13-19	16-22	17-24	18-26	20-29	20-30
2 .086	Flow CFM / FT	48	68	88	97	108	117	127
	Throw Sill or Floor	6-10	10-14	12-17	13-19	16-22	16-23	17-24
	Throw Side Wall	8-12	12-18	16-22	17-24	18-26	20-29	20-30
2.5 .110	Flow CFM / FT	63	88	114	125	139	152	164
	Throw Sill or Floor	7-11	11-16	13-19	16-22	16-23	18-25	18-26
	Throw Side Wall	10-13	13-19	17-24	19-28	20-29	22-31	24-34
3 .130	Flow CFM / FT	74	105	135	148	164	179	194
	Throw Sill or Floor	8-12	12-17	16-22	17-24	18-25	18-26	20-29
	Throw Side Wall	10-14	16-22	18-26	20-30	22-31	24-34	25-36
3.5 .152	Flow CFM / FT	87	123	156	174	193	211	228
	Throw Sill or Floor	8-12	12-18	16-22	18-25	18-26	20-29	22-31
	Throw Side Wall	10-14	16-23	19-28	22-31	24-34	25-36	26-38
4 .176	Flow CFM / FT	100	141	181	200	221	242	262
	Throw Sill or Floor	10-13	16-22	17-24	19-28	22-31	23-32	24-35
	Throw Side Wall	12-17	18-26	20-30	24-35	26-38	29-41	30-43
5 .220	Flow CFM / FT	125	177	228	251	278	304	329
	Throw Sill or Floor	10-14	16-22	18-25	20-29	22-31	23-32	25-36
	Throw Side Wall	12-17	18-26	22-31	25-36	26-38	29-41	31-44
6 .265	Flow CFM / FT	157	213	274	302	335	366	396
	Throw Sill or Floor	10-14	16-22	18-26	20-30	22-31	24-34	25-36
	Throw Side Wall	12-18	18-26	23-32	26-37	28-40	30-43	32-46
8 .356	Flow CFM / FT	202	286	367	405	449		
	Throw Sill or Floor	12-17	16-23	18-26	22-31	23-33		
	Throw Side Wall	14-20	20-29	23-32	28-40	29-43		
10 .446	Flow CFM / FT	254	358	461	507			
	Throw Sill or Floor	12-18	18-26	22-31	25-36			
	Throw Side Wall	16-23	20-29	28-40	31-44			
12 .536	Flow CFM / FT	305	431	554				
	Throw Sill or Floor	14-20	20-28	25-36				
	Throw Side Wall	18-25	29-42	32-46				