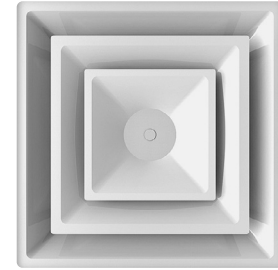


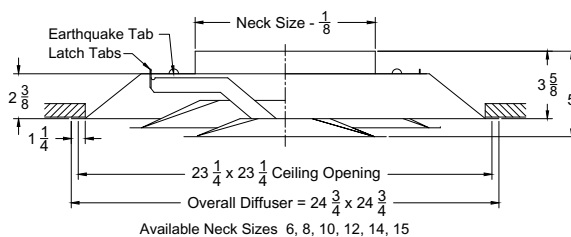
## MODEL 5700

Model 5700 diffuser is an excellent choice for applications requiring equal throw in all directions. It provides a tight horizontal 360° discharge pattern for superior induction and occupant comfort. The 5700 is fitted with a quick-release 2 cone inner assembly for immediate access to the damper and ease of installation.

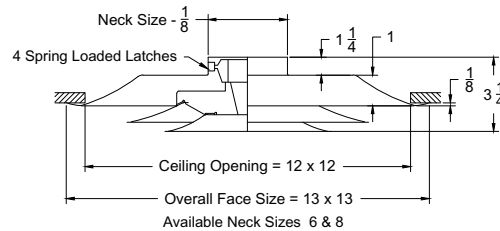


- Available in aluminum, aluminized steel and steel construction
- One piece die formed cones provide a smooth, aerodynamically designed surface with no corner joints
- Can be converted in the field to 3 cone diffuser with the addition of the optional snap-58
- Available in metric 600mm x 600mm Lay-in
- Available in adjustable horizontal to vertical discharge — Model 5700A
- Easily removable cores with no tools required

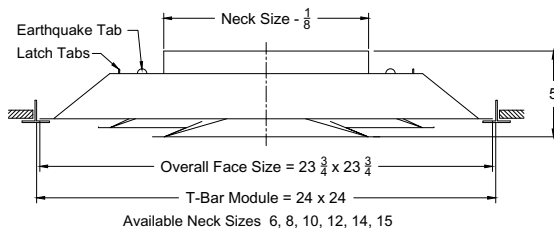
**Models:** 5700-1 (Steel - Surface Mount - 24 x 24)  
 5700-1 AS (Aluminized Steel)  
 (Surface Mount - 24 x 24)  
 5700-1 AL (Aluminum - Surface Mount - 24 x 24)



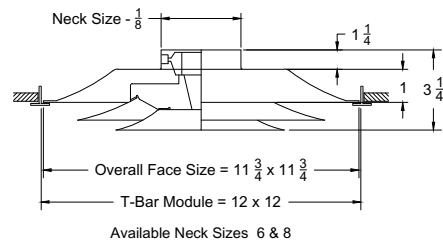
**Models:** 5700-1 (Steel - Surface Mount - 12 x 12)  
 5700-1 AS (Aluminized Steel)  
 (Surface Mount - 12 x 12)  
 5700-1 AL (Aluminum - Surface Mount - 12 x 12)



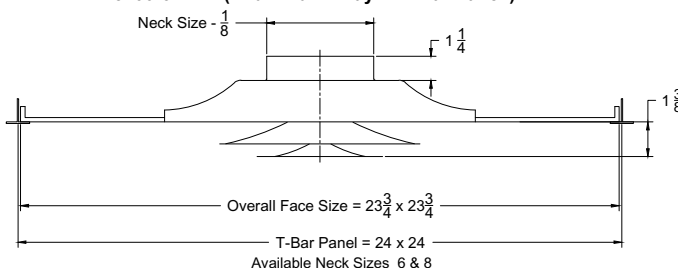
**Models:** 5700-6 (Steel - Lay in T-Bar - 24 x 24)  
 5700-6 AS (Aluminized Steel)  
 (Lay in T-Bar - 24 x 24)  
 5700-6 AL (Aluminum - Lay in T-Bar - 24 x 24)



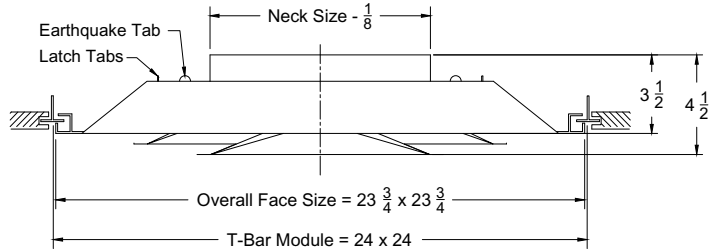
**Models:** 5700-6 (Steel - Lay in T-Bar - 12 x 12)  
 5700-6 AS (Aluminized Steel)  
 (Lay in T-Bar - 12 x 12)  
 5700-6 AL (Aluminum - Lay in T-Bar - 12 x 12)



**Model:** 5700-6P (Steel - Lay in T-Bar Panel)  
 5700-6P AL (Aluminum - Lay in T-Bar Panel)

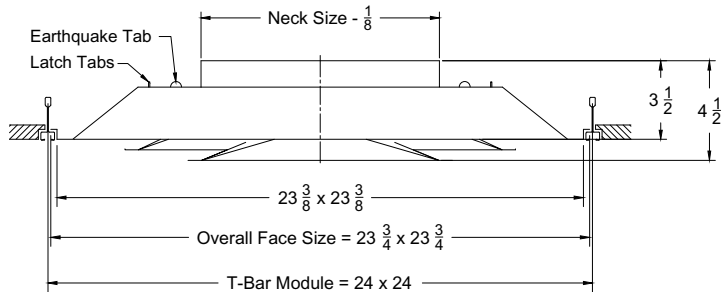


**Models: 5700-7 ( Steel - Lay in T-Bar - 24 x 24 )**  
**5700-7 AS ( Aluminized Steel - Lay in T-Bar - 24 x 24 )**



Available Neck Sizes 6, 8, 10, 12, 14, 15

**Models: 5700-9 ( Steel - Lay in T-Bar - 24 x 24 )**  
**5700-9 AS ( Aluminized Steel - Lay in T-Bar - 24 x 24 )**  
**5700-9 AL ( Aluminum - Lay in T-Bar - 24 x 24 )**



Available Neck Sizes 6, 8, 10, 12, 14, 15

## SERIES 5700 SPECIFICATIONS

### Air Diffusers shall be model:

- 5700-1 Surface Mount
- 5700-6 T-bar Lay-in
- 5700-7 Concealed Spline
- 5700-9 Donn Finline Lay-in

### Non-Adjustable, Horizontal Discharge Pattern

- 5700 manufactured by METALAIRE. Units shall be constructed of steel.
- 5700 AS manufactured by METALAIRE. Units shall be constructed of aluminized steel.
- 5700 AL manufactured by METALAIRE. Units shall be constructed of aluminum.

### Adjustable Discharge Pattern

- 5700A manufactured by METALAIRE. Units shall be constructed of steel.
- 5700A AS manufactured by METALAIRE. Units shall be constructed of aluminized steel.
- 5700A AL manufactured by METALAIRE. Units shall be constructed of aluminum.
- Units shall be square with a formed backpan and two inner cones. Diffuser shall have the same appearance from the face regardless of inlet size. The units shall be the size and quantity as outlined in the plans and specifications.
- Inlets shall be drawn into the backpan of the diffuser. Welded inlets are not acceptable. Diffusers shall include seismic tabs drawn into the backpan. Inner cone assemble shall be removable without the aid of tools for installation and to access optional damper. Units requiring tools such as screwdrivers or hex keys to remove the inner cones are not acceptable.
- The bottom cone shall have a removable plug in the center to allow access to adjust an optional damper. Units shall include the option to allow a field-installed third optional cone accessory model Snap-58. Optional third cone shall be installed into the bottom of the 5700 diffuser without the use of tools.
- Units shall be designed to integrate into the specified ceiling system.

### Optional for Adjustable Pattern

- Diffuser shall include adjustable deflector blades located within the cones of the device. Deflectors shall allow the discharge air to be adjusted to obtain a vertical or horizontal air pattern.

### Optional Dampers and Accessories

#### BUTTERFLY DAMPER

- METALAIRE model BDS aluminum round butterfly type dampers shall be provided. Damper shall consist of two butterfly style blades that can be adjusted from full open to full closed. Damper shall be adjusted with a screwdriver slot that can be accessed through the face of the diffuser.

#### RADIAL SHUTTER DAMPER

- METALAIRE model RSD steel round radial shutter damper shall be provided. Damper shall consist of gang operated radial blades that slide perpendicular to air flow direction. The damper shall be adjusted from full open to full closed. Damper shall be adjusted with a screwdriver slot that can be accessed through the face of the diffuser.

#### EQUALIZING GRID

- METALAIRE model G3 aluminum round equalizing grid shall be provided. Equalizing grid shall consist of 1/2" x 1/2" x 1/2" aluminum cubed core mounting in an aluminum frame.

### 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.

## 5700 MODEL NUMBER SPECIFICATION

### SQUARE FACE DIFFUSER — 2 CONE

Model		Available Neck	Module	Available Finishes	
5700-1	Surface Mount - Steel	6	12 x 12	<b>Standard</b>	
5700-1 AS	Surface Mount - Aluminized Steel	8		01	White
5700-1 AL	Surface Mount - Aluminum	6	24 x 24	<b>Optional</b>	
5700A-1	Adj. Surface Mount - Steel	8		02	Satin Silver
5700A-1 AS	Adj. Surface Mount - Aluminized Steel	10		03	Black
		12		28	Custom Color
		14		<b>Available Accessories</b>	
		15		G3	Equalizing Grid
			BDS	Butterfly Damper	
			RSD	Radial Damper	
			BAF-1	3-Way Directional Baffle	
			BAF-2	2-Way Directional Baffle	
			BAF-3	1-Way Directional Baffle	
			SNAP-58	5700 to 5800 Conversion Cone	
			LIPF	Lay-in Plaster Frame	

## SERIES 5700 NUMBER SPECIFICATION SQUARE FACE DIFFUSER — 2 CONE

Model		Neck Size	Module	Available Finishes	
5700-6	T-bar Lay-in - Steel	6	12 x 12	<b>Standard Finish</b>	
5700-6 AS	T-bar Lay-in - Aluminized Steel	8		01	White
5700-6	T-bar Lay-in - Steel	6	24 x 24	<b>Optional Finishes</b>	
5700-6 AS	T-bar Lay-in - Aluminized Steel	8		02	Satin Silver
5700-6 AL	T-bar Lay-in - Aluminum	10		03	Black
5700A-6	Adj. T-bar Lay-in - Steel	12		28	Custom Color
5700A-6 AS	Adj. T-bar Lay-in - Aluminized Steel	14			
5700-7	Concealed Spline - Steel	15			
5700-7 AS	Concealed Spline - Aluminized Steel				
5700A-7	Concealed Spline Adj. - Steel				
5700A-7 AS	Concealed Spline Adj. - Aluminized Steel				
5700-9	Donn Finline / Bolt Slot - Steel				
5700-9 AS	Donn Finline / Bolt Slot - Aluminized Steel				

Available Accessories	
G3	Equalizing Grid
BDS	Butterfly Damper
RSD	Radial Damper
BAF-1	3-Way Directional Baffle
BAF-2	2-Way Directional Baffle
BAF-3	1-Way Directional Baffle
SNAP-58	5700 to 5800 Conversion Cone
FGBP	Factory Installed R6 Insulation
TBPF	T-Bar Plaster Frame (-6 Only)

Model		Neck Size	Module	Available Finishes	
M5700-6	Metric T-bar Lay-in - Steel	6	600mm x 600mm	<b>Standard Finish</b>	
M5700-6 AS	Metric T-bar Lay-in - Aluminized Steel	8		01	White
M5700-6 AL	Metric T-bar Lay-in - Aluminum	10		<b>Optional Finishes</b>	
		12		02	Satin Silver
		14		03	Black
		15		28	Custom Color

Available Accessories	
G3	Equalizing Grid
BDS	Butterfly Damper
RSD	Radial Damper
BAF-1	3-Way Directional Baffle
BAF-2	2-Way Directional Baffle
BAF-3	1-Way Directional Baffle
SNAP-58	5700 to 5800 Conversion Cone
TBPF	T-Bar Plaster Frame

## SERIES 5700 PERFORMANCE DATA

MODEL 5700/5700A

Listed Size	Neck Size	fpm Vn	400	500	600	700	800	900	1000	1200	1400	2000
		Pv	0.01	0.016	0.022	0.031	0.04	0.05	0.062	0.09	0.122	0.249
12 x 12	6	CFM	80	100	120	135	155	175	195	235	275	395
		Ps	0.021	.033	.048	.061	.080	.102	.127	.184	.253	.521
		Pt	0.031	.049	.071	.091	.120	.153	.189	.274	.375	.770
		Throw*	2-3-6	3-4-7	3-5-7	3-5-8	4-6-8	4-6-9	5-7-9	6-7-10	6-8-11	8-9-13
		Throw	3-4-6	3-5-7	4-5-7	4-6-8	5-6-8	5-6-9	5-7-9	6-7-10	6-8-11	8-10-13
		NC	-	<15	18	20	23	26	28	33	36	44
	8	CFM	140	175	210	245	280	315	350	420	490	700
		Ps	.029	.046	.066	.090	.118	.149	.184	.265	.360	.735
		Pt	.039	.062	.089	.121	.158	.199	.246	.354	.482	.984
		Throw*	3-4-8	3-5-9	4-6-10	5-7-11	5-8-11	6-8-12	7-9-13	8-10-14	9-11-15	10-13-18
		Throw	3-5-8	4-6-9	5-7-10	6-7-11	7-8-11	7-8-12	7-9-13	8-10-14	9-11-15	10-13-18
		NC	-	<15	19	22	25	28	31	36	40	46
24 x 24	6	CFM	80	100	120	135	155	175	195	235	275	395
		Ps	.014	.021	.031	.039	.051	.065	.081	.118	.161	.332
		Pt	.024	.037	.053	.069	.091	.116	.143	.207	.283	.582
		Throw*	2-2-5	2-3-5	2-4-6	3-4-6	3-4-6	4-5-7	4-5-7	5-6-8	5-6-8	6-7-10
		Throw	2-4-7	3-5-8	4-6-9	4-6-10	5-7-10	5-8-11	6-8-12	7-9-13	8-10-14	10-12-17
		NC	-	-	-	-	<15	16	18	23	27	43
	8	CFM	140	175	210	245	280	315	350	420	490	700
		Ps	.016	.025	.036	.048	.063	.080	.099	.142	.194	.395
		Pt	.026	.040	.058	.079	.103	.131	.161	.232	.316	.645
		Throw*	2-3-6	3-4-7	3-5-7	4-6-8	4-6-9	5-6-9	5-7-10	6-7-10	7-8-11	8-10-13
		Throw	3-5-10	4-6-11	5-7-12	6-9-13	6-10-14	7-10-15	8-11-16	10-12-17	11-13-18	13-16-22
		NC	-	-	-	-	<15	18	21	26	30	55

CEILING  
DIFFUSERS

SQUARE CEILING DIFFUSERS

5700

## SERIES 5700 PERFORMANCE DATA MODEL 5700/5700A

Listed Size	Neck Size	fpm Vn	400	500	600	700	800	900	1000	1200	1400	2000
		Pv	0.01	0.016	0.022	0.031	0.04	0.05	0.062	0.09	0.122	0.249
24 x 24	10	CFM	220	275	325	380	435	490	545	655	765	1090
		Ps	.019	.030	.042	.057	.075	.096	.118	.171	.233	.473
		Pt	.029	.046	.064	.088	.115	.146	.181	.261	.355	.722
		Throw*	3-4-8	3-5-8	4-6-9	5-7-10	5-8-11	6-8-11	7-8-12	8-9-13	8-10-14	10-12-17
		Throw	4-6-12	5-8-14	6-9-15	7-11-16	8-12-17	9-13-18	10-14-19	12-15-21	13-16-23	16-19-28
		NC	-	-	-	<15	16	20	24	30	35	63
	12	CFM	315	395	470	550	630	705	785	940	1100	1570
		Ps	.021	.033	.046	.063	.083	.104	.129	.185	.253	.515
		Pt	.031	.048	.069	.094	.123	.154	.191	.274	.375	.765
		Throw*	3-5-9	4-6-10	5-7-11	6-8-12	7-9-13	7-10-14	8-10-14	9-11-16	10-12-17	12-14-20
		Throw	5-7-15	6-9-17	7-11-18	8-13-20	10-15-21	11-16-22	12-17-23	14-18-26	16-20-28	19-23-33
		NC	-	-	-	<15	19	23	27	33	39	68
	14	CFM	430	535	640	750	855	960	1070	1285	1495	2140
		Ps	.026	.041	.058	.080	.104	.131	.163	.234	.377	.650
		Pt	.036	.056	.081	.110	.144	.181	.225	.324	.440	.900
		Throw*	4-6-11	5-7-12	6-9-13	7-10-14	8-11-15	9-11-16	10-12-17	11-13-18	11-14-20	14-17-24
		Throw	6-9-17	7-11-19	8-13-21	10-15-23	11-17-24	13-18-26	14-19-27	17-21-30	19-23-32	22-27-39
		NC	-	*	<15	<15	18	23	28	35	40	57
	15	CFM	490	615	735	860	980	1105	1225	1475	1720	2455
		Ps	.032	.051	.072	.099	.129	.164	.201	.292	.396	.808
		Pt	.042	.066	.095	.130	.169	.214	.263	.381	.519	1.057
		Throw*	4-6-11	5-8-13	6-9-14	7-11-15	8-11-16	9-12-17	10-13-18	11-14-20	12-15-21	15-18-25
		Throw	6-9-18	8-11-21	9-14-23	11-16-24	12-18-26	14-20-28	15-21-29	18-23-32	20-24-35	24-29-41
		NC	-	-	<15	16	22	27	31	39	46	68

### PERFORMANCE NOTES FOR SERIES 5700

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

#### DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

fpm Velocity of air stream in Feet per Minute

Pv Velocity pressure (inches of water column)

Pt Total pressure (inches of water column)

Ps Static pressure = Pt-Pv (inches of water column)

Throw\* Non-isothermal horizontal throw (supply air temperature 15°F colder than average room temperature); values are for 150, 100 and 50fpm velocities

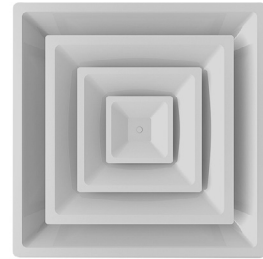
Throw Isothermal throw (supply air temperature the same as average room temperature); values are for 150, 100 and 50fpm velocities

NC Noise criterion, sound pressure level NC ratings are based on sound power level (Lw) re: 10<sup>-12</sup> watts minus a 10dB room attenuation in all octave bands

Vn Neck Velocity

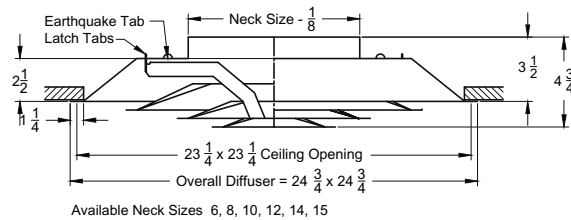
## MODEL 5800

Model 5800 diffuser is an excellent choice for applications requiring equal throw in all directions. The tight horizontal 360° discharge pattern for superior induction and occupant comfort. The 5800 is fitted with a quick-release 3-cone inner assembly for immediate access to the damper and ease of installation.

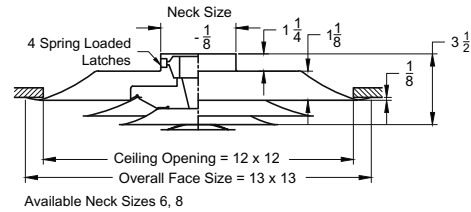


- Available in aluminum, aluminized steel and steel construction
- One piece die-formed cones provide a smooth, aerodynamically designed surface with no corner joints
- Available in metric 600mm x 600mm Lay-in
- Available in adjustable horizontal to vertical discharge – Model 5800A
- Easily removable cores with no tools required.

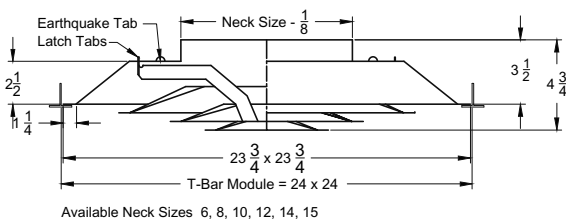
Models: 5800-1 (Steel - Surface Mount - 24 x 24)  
5800-1 AS (Aluminized Steel - Surface Mount - 24 x 24)  
5800-1 AL (Aluminum - Surface Mount - 24 x 24)



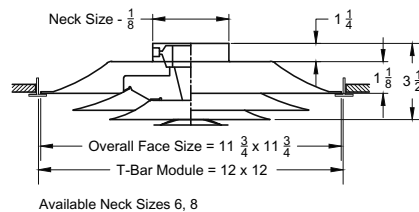
Models: 5800-1 (Steel - Surface Mount - 12 x 12)  
5800-1 AS (Aluminized Steel - Surface Mount - 12 x 12)  
5800-1 AL (Aluminum - Surface Mount - 12 x 12)



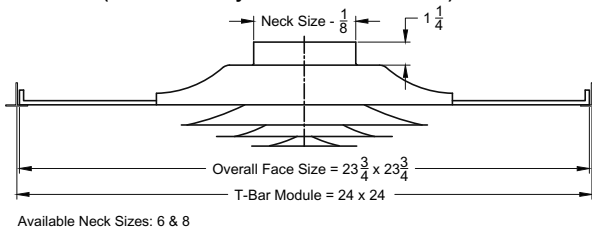
Models: 5800-6 (Steel - Lay in T-Bar - 24 x 24)  
5800-6 AS (Aluminized Steel - Lay in T-Bar - 24 x 24)  
5800-6 AL (Aluminum - Lay in T-Bar - 24 x 24)



Models: 5800-6 (Steel - Lay in T-Bar - 12 x 12)  
5800-6 AS (Aluminized Steel - Lay in T-Bar - 12 x 12)  
5800-6 AL (Aluminum - Lay in T-Bar - 12 x 12)

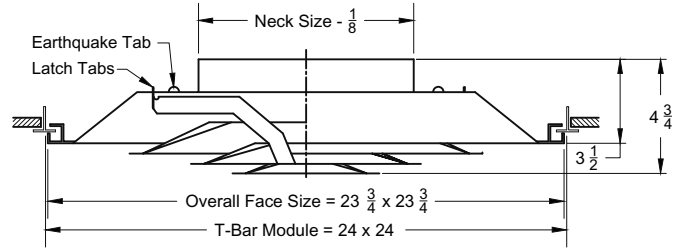


Models: 5800-6P (Steel - Lay in T-Bar Panel - 24 x 24) 6" or 8" Inlets Only  
5800-6P AL (Aluminum - Lay in T-Bar Panel - 24 x 24) 6" or 8" Inlets Only



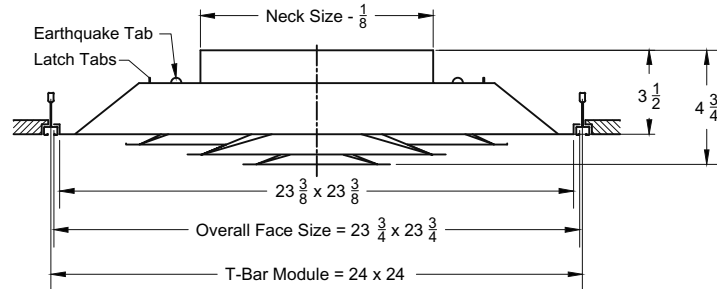


**Models: 5800-7 (Steel - Lay in T-Bar - 24 x 24)**  
**5800-7 AS (Aluminized Steel - Lay in T-Bar - 24 x 24)**



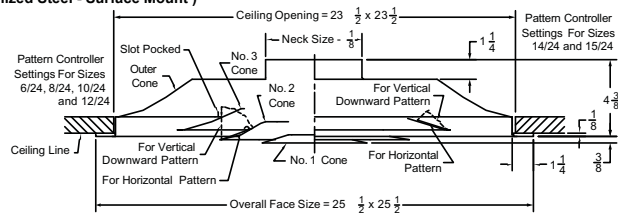
Available Neck Sizes 6, 8, 10, 12, 14, 15

**Models: 5800-9 (Steel - Lay in T-Bar - 24 x 24)**  
**5800-9 AS (Aluminized Steel - Lay in T-Bar - 24 x 24)**  
**5800-9 AL (Aluminum - Lay in T-Bar - 24 x 24)**

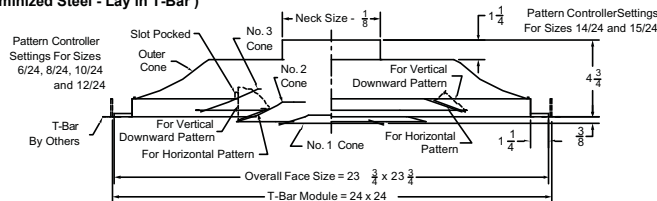


Available Neck Sizes 6, 8, 10, 12, 14, 15

- Models: • 5800A-1 (Steel - Surface Mount)
- 5800A-1 AS (Aluminized Steel - Surface Mount)



- Models: • 5800A-6 (Steel - Lay in T-Bar)
- 5800A-6 AS (Aluminized Steel - Lay in T-Bar)



## SERIES 5800 SPECIFICATIONS

### Air Diffusers shall be model:

- 5800-1 Surface Mount
- 5800-6 T-bar Lay-in
- 5800-7 Concealed Spline
- 5800-9 Donn Finline Lay-in

### Non-Adjustable, Horizontal Discharge Pattern

- 5800 manufactured by METALAIRE. Units shall be constructed of steel.
- 5800 AS manufactured by METALAIRE. Units shall be constructed of aluminized steel.
- 5800 AL manufactured by METALAIRE. Units shall be constructed of aluminum.

### Adjustable Discharge Pattern

- 5800A manufactured by METALAIRE. Units shall be constructed of steel.
- 5800A AS manufactured by METALAIRE. Units shall be constructed of aluminized steel.
- 5800A AL manufactured by METALAIRE. Units shall be constructed of aluminum.
- Units shall be square with a formed backpan and three inner cones. Diffuser shall have the same appearance from the face regardless of inlet size. The units shall be the size and quantity as outlined in the plans and specifications.

### Optional for Adjustable Pattern

- Inlets shall be drawn into the backpan of the diffuser. Welded inlets are not acceptable. Diffusers shall include seismic tabs drawn into the backpan. Inner cone assemble shall be removable without the aid of tools for installation and to access optional damper. Units requiring tools such as screwdrivers or hex keys to remove the inner cones are not acceptable.
- The bottom cone shall have a removable plug in the center to allow access to adjust an optional damper. Units shall be designed to integrate into the specified ceiling system.
- Diffuser shall include adjustable deflector blades located within the cones of the device. Deflectors shall allow the discharge air to be adjusted to obtain a vertical or horizontal air pattern.

### Optional Dampers and Accessories

#### BUTTERFLY DAMPER

- METALAIRE model BDS aluminum round butterfly type dampers shall be provided. Damper shall consist of two butterfly style blades that can be adjusted from full open to full closed. Damper shall be adjusted with a screwdriver slot that can be accessed through the face of the diffuser.

#### RADIAL SHUTTER DAMPER

- METALAIRE model RSD steel round radial shutter damper shall be provided. Damper shall consist of gang operated radial blades that slide perpendicular to air flow direction. The damper shall be adjusted from full open to full closed. Damper shall be adjusted with a screwdriver slot that can be accessed through the face of the diffuser.

#### OPOSED BLADE DAMPER

- METALAIRE model D3 aluminum or SD3 steel round opposed blade type dampers shall be provided. Damper shall consist of gang operated blades that can be adjusted from full open to full closed. Damper shall be adjusted with a screwdriver slot that can be accessed through the face of the diffuser.

#### EQUALIZING GRID

- METALAIRE model G3 aluminum round equalizing grid shall be provided. Equalizing grid shall consist of 1/2" x 1/2" x 1/2" aluminum cubed core mounting in an aluminum frame.

#### 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.

## 5800 MODEL NUMBER SPECIFICATION SQUARE FACE DIFFUSER — 3 CONE

Model		Neck Size	Module	Available Finishes	
5800-1	Surface Mount - Steel	6	12 x 12	<b>Standard Finish</b>	
5800-1 AS	Surface Mount - Aluminized Steel	8		01	White
5800-1 AL	Surface Mount - Aluminum	6	24 x 24	<b>Optional Finishes</b>	
5800A-1	Adj. Surface Mount - Steel	8		02	Satin Silver
5800A-1 AS	Adj. Surface Mount - Aluminized Steel	10		03	Black
5800A-1 AL	Adj. Surface Mount - Aluminum	12		28	Custom Color
		14			
		15			

Available Accessories	
G3	Equalizing Grid
BDS	Butterfly Damper
RSD	Radial Damper
BAF-1	3-Way Directional Baffle
BAF-2	2-Way Directional Baffle
BAF-3	1-Way Directional Baffle
LIPF	Lay-in Plaster Frame

## 5800 MODEL NUMBER SPECIFICATION

### SQUARE FACE DIFFUSER — 3 CONE

Model		Neck Size	Module	Available Finishes	
5800-6	T-bar Lay-in - Steel	6	12 x 12	<b>Standard Finish</b>	
5800-6 AS	T-bar Lay-in - Aluminized Steel	8		01	White
5800-6	T-bar Lay-in - Steel	6	24 x 24	<b>Optional Finishes</b>	
5800-6 AS	T-bar Lay-in - Aluminized Steel	8		02	Satin Silver
5800-6 AL	T-bar Lay-in - Aluminum	10		03	Black
5800A-6	Adj. T-bar Lay-in - Steel	12		28	Custom Color
5800A-6 AS	Adj. T-bar Lay-in - Aluminized Steel	14			
5800-7	Concealed Spline - Steel	15			
5800-7 AS	Concealed Spline - Aluminized Steel				
5800-9	Donn Finline / Bolt Slot - Steel				
5800-9 AS	Donn Finline / Bolt Slot - Aluminized Steel				

Available Accessories	
G3	Equalizing Grid
BDS	Butterfly Damper
RSD	Radial Damper
BAF-1	3-Way Directional Baffle
BAF-2	2-Way Directional Baffle
BAF-3	1-Way Directional Baffle
FGBP	Factory Installed R6 Insulation
TBPF	T-Bar Plaster Frame (-6 Only)

Model		Neck Size	Module	Available Finishes	
M5800-6	Metric T-bar Lay-in - Steel	6	600mm x 600mm	<b>Standard Finish</b>	
M5800-6 AS	Metric T-bar Lay-in - Aluminized Steel	8		01	White
M5800-6 AL	Metric T-bar Lay-in - Aluminum	10		<b>Optional Finishes</b>	
		12		02	Satin Silver
		14		03	Black
		15		28	Custom Color

Available Accessories	
G3	Equalizing Grid
BDS	Butterfly Damper
RSD	Radial Damper
BAF-1	3-Way Directional Baffle
BAF-2	2-Way Directional Baffle
BAF-3	1-Way Directional Baffle
TBPF	T-Bar Plaster Frame

## SERIES 5800 PERFORMANCE DATA MODEL 5800/5800A

Listed Size	Neck Size	fpm Vn	400	500	600	700	800	900	1000	1200	1400	1600
		Pv	0.01	0.016	0.022	0.031	0.04	0.05	0.062	0.09	0.122	0.249
12 x 12	6	CFM	80	100	120	135	155	175	195	235	275	315
		Ps	.026	.040	.058	.073	.097	.123	.153	.223	.305	.400
		Pt	.036	.056	.080	.104	.137	.174	.216	.312	.427	.559
		Throw*	3-4-6	3-5-7	4-5-7	4-6-8	5-6-8	5-6-9	5-7-9	6-7-10	6-8-11	7-9-12
		Throw	2-4-6	3-5-7	4-5-7	4-6-8	5-6-8	5-6-9	5-7-9	6-7-10	6-8-11	7-9-12
		NC	-	<15	18	21	24	26	29	33	35	37
	8	CFM	140	175	210	245	280	315	350	420	490	560
		Ps	.026	.041	.059	.080	.104	.132	.163	.235	.319	.417
		Pt	.036	.056	.081	.110	.144	.182	.225	.324	.442	.577
		Throw*	3-5-8	4-6-9	5-7-10	6-8-11	7-8-11	7-9-12	7-9-13	8-10-14	9-11-15	9-11-16
		Throw	3-5-8	4-6-9	5-7-10	6-8-11	6-8-11	7-9-12	7-9-13	8-10-14	9-11-15	9-11-16
		NC	-	<15	19	22	25	28	30	34	37	40
24 x 24	6	CFM	80	100	120	135	155	175	195	235	275	315
		Ps	.013	.020	.029	.037	.048	.061	.076	.111	.152	.199
		Pt	.023	.036	.051	.067	.088	.112	.139	.201	.274	.359
		Throw*	3-4-5	3-4-6	4-5-7	4-5-7	4-5-7	5-6-8	5-6-8	5-6-9	6-7-10	6-7-11
		Throw	3-4-7	3-5-8	4-6-9	5-7-10	5-7-10	6-8-11	7-8-11	7-9-13	8-10-14	8-10-15
		NC	-	-	-	<15	<15	18	21	25	28	31
	8	CFM	140	175	210	245	280	315	350	420	490	560
		Ps	.014	.022	.032	.043	.056	.071	.088	.126	.172	.225
		Pt	.024	.038	.054	.074	.096	.122	.150	.216	.294	.384
		Throw*	4-5-7	5-6-8	5-6-9	5-7-9	6-7-10	6-7-11	6-8-11	7-9-12	8-9-13	8-10-14
		Throw	4-5-10	4-7-11	5-8-12	6-9-13	7-10-14	8-10-15	9-11-15	10-12-17	10-13-18	11-14-19
		NC	-	-	-	<15	17	21	24	30	34	35
	10	CFM	220	275	325	380	435	490	545	655	765	875
		Ps	.018	.028	.039	.053	.070	.088	.109	.158	.215	.282
		Pt	.028	.043	.061	.084	.110	.139	.172	.248	.337	.441
		Throw*	5-6-9	6-7-10	6-8-11	7-8-12	7-9-12	8-9-13	8-10-14	9-11-15	9-12-16	10-12-18
		Throw	4-7-12	6-8-14	7-10-15	8-11-16	9-12-17	10-13-18	11-14-19	12-15-21	13-16-23	14-17-24
		NC	-	-	-	<15	19	23	27	33	38	40
	12	CFM	315	395	470	550	630	705	785	940	1100	1255
		Ps	.022	.035	.049	.067	.088	.111	.137	.197	.270	.351
		Pt	.032	.050	.072	.098	.128	.161	.200	.287	.392	.511
		Throw*	6-7-11	7-8-12	7-9-13	8-10-14	9-11-15	9-11-16	10-12-17	11-13-18	11-14-20	12-15-21
		Throw	5-8-15	7-10-16	8-12-18	9-14-19	11-15-21	12-15-22	13-16-23	15-18-25	16-19-27	17-21-29
		NC	-	-	<15	16	21	26	30	36	41	43
14	CFM	430	535	640	750	855	960	1070	1285	1495	1710	
	Ps	.032	.049	.071	.097	.126	.159	.198	.285	.386	.505	
	Pt	.042	.065	.093	.128	.166	.210	.260	.375	.508	.665	
	Throw*	7-9-12	8-10-14	9-11-15	9-12-16	10-12-17	11-13-18	11-14-19	12-15-21	13-16-23	14-17-25	
	Throw	6-9-17	8-12-19	9-14-21	11-16-22	12-17-24	14-18-25	15-19-27	17-21-29	18-22-32	20-24-34	
	NC	-	-	<15	17	22	27	32	39	44	47	
15	CFM	490	615	735	860	980	1105	1225	1475	1720	1965	
	Ps	.036	.056	.080	.109	.142	.181	.222	.322	.438	.571	
	Pt	.046	.072	.102	.140	.182	.231	.284	.412	.560	.731	
	Throw*	7-9-13	9-10-15	9-11-16	10-12-17	11-13-19	11-14-20	12-15-21	13-16-23	14-17-25	15-19-26	
	Throw	7-10-18	8-12-20	10-15-22	12-17-24	13-18-26	15-19-27	17-20-29	18-22-32	20-24-34	21-26-36	
	NC	-	-	<15	18	23	29	33	41	46	49	