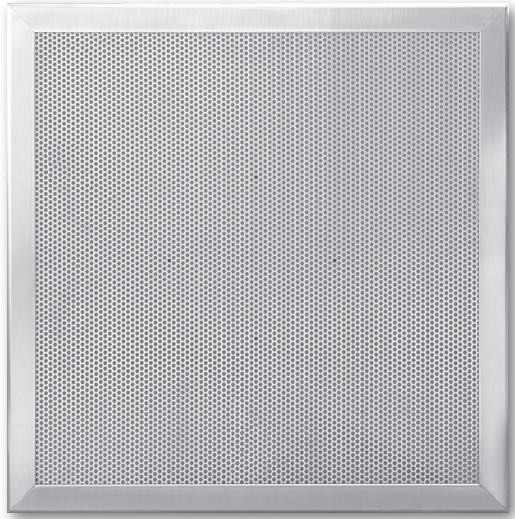


9S84P

Stainless Steel Supply Diffuser, Perforated Face



INTRODUCTION

The 9S84P series stainless steel perforated diffuser features a one piece, 4-way deflector mounted to the back of the perforated face to give the aesthetics of a perforated diffuser with a 4-way blow pattern. They feature 51% free-area and are available for surface mount or lay-in T-bar applications.

MODEL

9S84P - Perforated Supply Diffuser

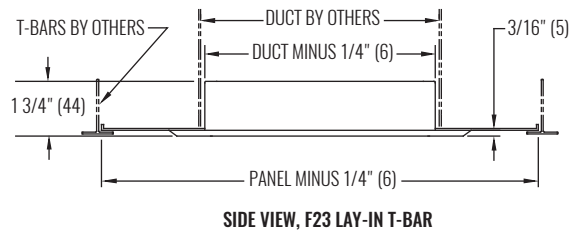
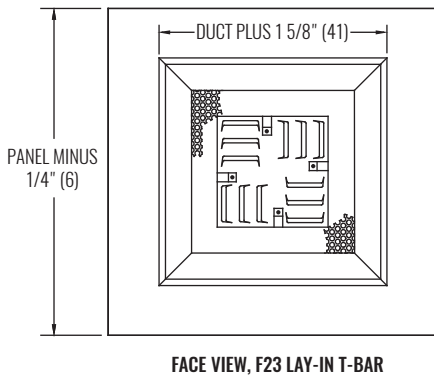
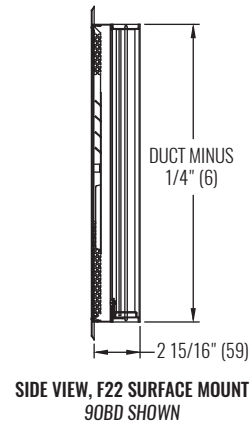
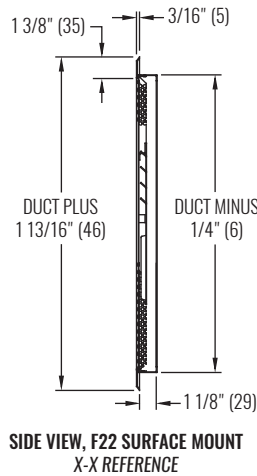
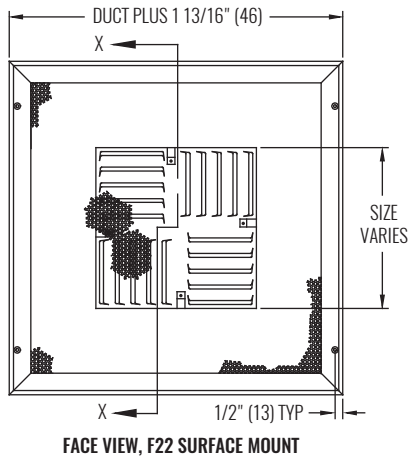
FEATURES

- 3/16" Holes on 1/4" staggered centers (51% free area)
- 304 Stainless steel construction (316 optional)
- 4-Way deflection
- Countersunk screw holes in mounting frame
- Standard finish is 90 - #4 Satin Polish or 44 - British White

ACCESSORIES

- Stainless steel OBD welded to unit, adjustable from face of diffuser (model 90BD)
- Plaster frame (model 98PF)
- Square to round adapter (model 9SRA)

DIMENSIONAL DATA



NOTE: Dimensions in parentheses are millimeters (mm).

PERFORMANCE DATA | SQUARE NECK, 24x24 PANEL, 4-WAY, NO DAMPER

NOM DUCT	IP DATA					SOUND	METRIC DATA					
	NECK VEL	AIR FLOW	Pt	Pv	4-WAY THROW		NOM DUCT	NECK VEL	AIR FLOW	Pt	Pv	4-WAY THROW
	in	fpm	cfm	in wg	in wg		ft	NC	cm	m/s	l/s	Pa
6 x 6	300	75	0.017	.006	1 - 2 - 4	-	15.2 x 15.2	1.52	35	4.2	1.5	30 - 63 - 122
	400	100	0.029	.010	2 - 2 - 5	-		2.03	47	7.2	2.5	61 - 63 - 152
	500	125	0.046	.016	2 - 3 - 6	13		2.54	59	11.5	4.0	61 - 94 - 183
	600	150	0.066	.022	2 - 4 - 7	19		3.05	71	16.4	5.5	61 - 126 - 213
	700	175	0.090	.031	3 - 4 - 9	23		3.56	83	22.4	7.7	91 - 126 - 274
	800	200	0.118	.040	3 - 5 - 10	28		4.06	94	29.4	10.0	91 - 157 - 305
	1000	250	0.184	.062	4 - 6 - 11	35		5.08	118	45.8	15.4	122 - 189 - 335
	1200	300	0.265	.090	5 - 7 - 12	41		6.10	142	66.0	22.4	152 - 220 - 366
8 x 8	1400	350	0.360	.122	6 - 9 - 13	45	7.11	165	89.6	30.4	183 - 283 - 396	
	300	133	0.019	.006	1 - 3 - 6	-	20.3 x 20.3	1.52	63	4.7	1.5	30 - 94 - 183
	400	178	0.034	.010	2 - 4 - 7	12		2.03	84	8.5	2.5	61 - 126 - 213
	500	222	0.052	.016	3 - 5 - 9	19		2.54	105	12.9	4.0	91 - 157 - 274
	600	267	0.075	.022	4 - 6 - 11	25		3.05	126	18.7	5.5	122 - 189 - 335
	700	311	0.103	.031	4 - 7 - 13	29		3.56	147	25.6	7.7	122 - 220 - 396
	800	356	0.134	.040	5 - 7 - 15	34		4.06	168	33.4	10.0	152 - 220 - 457
	1000	444	0.210	.062	6 - 9 - 16	41		5.08	210	52.3	15.4	183 - 283 - 488
1200	533	0.302	.090	7 - 11 - 18	47	6.10		252	75.2	22.4	213 - 346 - 549	
10 x 10	1400	622	0.411	.122	9 - 13 - 19	51	7.11	294	102.3	30.4	274 - 409 - 579	
	300	208	0.022	.006	2 - 3 - 7	-	25.4 x 25.4	1.52	98	5.5	1.5	61 - 94 - 213
	400	278	0.039	.010	3 - 5 - 9	16		2.03	131	9.7	2.5	91 - 157 - 274
	500	347	0.061	.016	4 - 6 - 12	23		2.54	164	15.2	4.0	122 - 189 - 366
	600	417	0.087	.022	5 - 7 - 14	29		3.05	197	21.7	5.5	152 - 220 - 427
	700	486	0.119	.031	5 - 8 - 16	34		3.56	229	29.6	7.7	152 - 252 - 488
	800	556	0.155	.040	6 - 9 - 18	38		4.06	262	38.6	10.0	183 - 283 - 549
	1000	694	0.243	.062	8 - 12 - 20	45		5.08	328	60.5	15.4	244 - 378 - 610
1200	833	0.349	.090	9 - 14 - 22	51	6.10		393	86.9	22.4	274 - 441 - 671	
12 x 12	1400	972	0.476	.122	11 - 16 - 24	56	7.11	459	118.5	30.4	335 - 504 - 732	
	300	300	0.032	.006	4 - 6 - 12	-	30.5 x 30.5	1.52	142	8.0	1.5	122 - 189 - 366
	400	400	0.057	.010	6 - 8 - 16	20		2.03	189	14.2	2.5	183 - 252 - 488
	500	500	0.089	.016	7 - 10 - 17	27		2.54	236	22.2	4.0	213 - 315 - 518
	600	600	0.128	.022	8 - 12 - 19	33		3.05	283	31.9	5.5	244 - 378 - 579
	700	700	0.174	.031	10 - 15 - 21	38		3.56	330	43.3	7.7	305 - 472 - 640
	800	800	0.227	.040	11 - 16 - 22	42		4.06	378	56.5	10.0	335 - 504 - 671
	1000	1000	0.355	.062	14 - 17 - 25	49		5.08	472	88.4	15.4	427 - 535 - 762
1200	1200	0.510	.090	16 - 19 - 27	55	6.10		566	127.0	22.4	488 - 598 - 823	
1400	1400	0.695	.122	17 - 21 - 29	60	7.11	661	173.1	30.4	518 - 661 - 884		

NOTES: Throw values are based on terminal velocities of 150, 100, and 50 FPM. Throw values are given for isothermal conditions. Sound data based on a 4 foot grille. Test conducted in accordance with ANSI / ASHRAE Standard 70, ISO 5219, and ISO 3741. Throw values given for 1-Way Throw are for [Total CFM] CFM per side (L/s). Throw values given for 2-Way Throw are for [Total CFM] CFM per side (L/s). Throw values given for 3-Way Throw are for [Total CFM] CFM per side (L/s).

PERFORMANCE DATA | ROUND NECK, 24x24 PANEL, 4-WAY, NO DAMPER

NOM DUCT	IP DATA					SOUND	METRIC DATA					
	NECK VEL	AIR FLOW	Pt	Pv	4-WAY THROW		NOM DUCT	NECK VEL	AIR FLOW	Pt	Pv	4-WAY THROW
	in	fpm	cfm	in wg	in wg		ft	NC	cm	m/s	l/s	Pa
6	300	59	0.016	.006	1 - 2 - 4	-	15.2	1.52	28	4.0	1.5	30 - 63 - 122
	400	79	0.028	.010	2 - 2 - 5	-		2.03	37	7.0	2.5	61 - 63 - 152
	500	98	0.044	.016	2 - 3 - 6	-		2.54	46	11.0	4.0	61 - 94 - 183
	600	118	0.064	.022	2 - 4 - 7	16		3.05	56	15.9	5.5	61 - 126 - 213
	700	137	0.087	.031	3 - 4 - 9	21		3.56	65	21.7	7.7	91 - 126 - 274
	800	157	0.113	.040	3 - 5 - 10	25		4.06	74	28.1	10.0	91 - 157 - 305
	1000	196	0.177	.062	4 - 6 - 11	32		5.08	93	44.1	15.4	122 - 189 - 335
	1200	236	0.255	.090	5 - 7 - 12	38		6.10	111	63.5	22.4	152 - 220 - 366
1400	275	0.347	.122	6 - 9 - 13	43	7.11	130	86.4	30.4	183 - 283 - 396		
8	300	105	0.018	.006	1 - 2 - 5	-	20.3	1.52	50	4.5	1.5	30 - 63 - 152
	400	140	0.032	.010	2 - 3 - 7	-		2.03	66	8.0	2.5	61 - 94 - 213
	500	175	0.049	.016	3 - 4 - 8	16		2.54	83	12.2	4.0	91 - 126 - 244
	600	2090	0.071	.022	3 - 5 - 10	22		3.05	986	17.7	5.5	91 - 157 - 305
	700	244	0.097	.031	4 - 6 - 12	27		3.56	115	24.2	7.7	122 - 189 - 366
	800	279	0.126	.040	4 - 7 - 13	31		4.06	132	31.4	10.0	122 - 220 - 396
	1000	349	0.197	.062	5 - 8 - 15	38		5.08	165	49.1	15.4	152 - 252 - 457
	1200	419	0.284	.090	7 - 10 - 16	44		6.10	198	70.7	22.4	213 - 315 - 488
1400	489	0.386	.122	8 - 12 - 17	49	7.11	231	96.1	30.4	244 - 378 - 518		
10	300	164	0.020	.006	1 - 3 - 6	-	25.4	1.52	77	5.0	1.5	30 - 94 - 183
	400	218	0.036	.010	3 - 4 - 8	14		2.03	103	9.0	2.5	91 - 126 - 244
	500	273	0.056	.016	3 - 5 - 10	21		2.54	129	13.9	4.0	91 - 157 - 305
	600	327	0.080	.022	4 - 6 - 12	27		3.05	154	19.9	5.5	122 - 189 - 366
	700	382	0.109	.031	5 - 7 - 14	32		3.56	180	27.1	7.7	152 - 220 - 427
	800	436	0.143	.040	5 - 8 - 16	36		4.06	206	35.6	10.0	152 - 252 - 488
	1000	545	0.223	.062	7 - 10 - 18	43		5.08	257	55.5	15.4	213 - 315 - 549
	1200	654	0.321	.090	8 - 12 - 20	49		6.10	309	79.9	22.4	244 - 378 - 610
1400	764	0.437	.122	10 - 14 - 21	54	7.11	361	108.8	30.4	305 - 441 - 640		
12	300	236	0.032	.006	4 - 6 - 11	-	30.5	1.52	111	8.0	1.5	122 - 189 - 335
	400	314	0.057	.010	5 - 7 - 14	18		2.03	148	14.2	2.5	152 - 220 - 427
	500	393	0.089	.016	6 - 9 - 15	25		2.54	185	22.2	4.0	183 - 283 - 457
	600	471	0.128	.022	7 - 11 - 17	30		3.05	222	31.9	5.5	213 - 346 - 518
	700	550	0.174	.031	9 - 13 - 18	35		3.56	260	43.3	7.7	274 - 409 - 549
	800	628	0.227	.040	10 - 14 - 19	40		4.06	296	56.5	10.0	305 - 441 - 579
	1000	785	0.355	.062	12 - 15 - 22	47		5.08	370	88.4	15.4	366 - 472 - 671
	1200	942	0.510	.090	14 - 17 - 24	52		6.10	445	127.0	22.4	427 - 535 - 732
1400	1100	0.695	.122	15 - 18 - 26	57	7.11	519	173.1	30.4	457 - 567 - 792		
14	300	321	0.034	.006	4 - 6 - 13	12	35.6	1.52	151	8.5	1.5	122 - 189 - 396
	400	428	0.060	.010	6 - 9 - 16	21		2.03	202	14.9	2.5	183 - 283 - 488
	500	535	0.093	.016	7 - 11 - 18	28		2.54	252	23.2	4.0	213 - 346 - 549
	600	641	0.135	.022	9 - 13 - 20	34		3.05	303	33.6	5.5	274 - 409 - 610
	700	748	0.183	.031	10 - 15 - 21	38		3.56	353	45.6	7.7	305 - 472 - 640
	800	855	0.239	.040	11 - 16 - 23	43		4.06	404	59.5	10.0	335 - 504 - 701
	1000	1069	0.374	.062	14 - 18 - 25	50		5.08	505	93.1	15.4	427 - 567 - 762
	1200	1283	0.538	.090	16 - 20 - 28	56		6.10	606	134.0	22.4	488 - 630 - 853
1400	1497	0.733	.122	17 - 21 - 30	60	7.11	707	182.5	30.4	518 - 661 - 914		
16	300	419	0.036	.006	5 - 7 - 15	14	40.6	1.52	198	9.0	1.5	152 - 220 - 457
	400	559	0.063	.010	7 - 10 - 18	23		2.03	264	15.7	2.5	213 - 315 - 549
	500	698	0.099	.016	8 - 12 - 21	31		2.54	329	24.7	4.0	244 - 378 - 640
	600	838	0.143	.022	10 - 15 - 23	36		3.05	395	35.6	5.5	305 - 472 - 701
	700	977	0.194	.031	11 - 17 - 24	41		3.56	461	48.3	7.7	335 - 535 - 732
	800	1117	0.253	.040	13 - 18 - 26	45		4.06	527	63.0	10.0	396 - 567 - 792
	1000	1396	0.396	.062	16 - 21 - 29	53		5.08	659	98.6	15.4	488 - 661 - 884
	1200	1686	0.570	.090	18 - 23 - 32	58		6.10	796	141.9	22.4	549 - 724 - 975
1400	1955	0.776	.122	20 - 24 - 34	63	7.11	923	193.2	30.4	610 - 756 - 1036		

NOTE: See notes on previous page.

PERFORMANCE DATA | SQUARE NECK, 24x24 PANEL, 1-3-WAY, NO DAMPER

NOM DUCT		IP DATA					NOM DUCT		METRIC DATA				
NECK VEL	AIR FLOW	1-WAY THROW	2-WAY THROW	3-WAY THROW		NECK VEL	AIR FLOW	1-WAY THROW	2-WAY THROW	3-WAY THROW			
in	fpm	cfm	ft	ft	ft	cm	m/s	l/s	m	m	m		
6 x 6	300	75	1-3-9	1-3-6	1-3-5	15.2 x 15.2	1.52	35	0-1-3	0-1-3	0-1-2		
	400	100	2-5-12	2-4-9	2-4-7		2.03	47	1-2-4	1-1-4	1-1-2		
	500	125	3-7-15	3-5-11	3-5-9		2.54	59	1-2-5	1-2-5	1-2-3		
	600	150	5-9-17	4-6-13	4-5-11		3.05	71	2-3-5	1-2-5	1-2-3		
	700	175	7-10-19	5-8-15	4-6-13		3.56	83	2-3-6	2-2-6	1-2-4		
	800	200	8-12-20	6-9-17	5-7-14		4.06	94	2-4-6	2-3-6	2-2-4		
	1000	250	10-15-22	7-11-19	6-9-16		5.08	118	3-5-7	2-3-7	2-3-5		
	1200	300	12-17-24	9-13-21	7-11-17		6.10	142	4-5-7	3-4-7	2-3-5		
8 x 8	1400	350	14-19-26	10-15-22	9-13-19	7.11	165	4-6-8	3-5-8	3-4-6			
	300	133	2-4-12	2-4-9	2-4-7	20.3 x 20.3	1.52	63	1-1-4	1-1-4	1-1-2		
	400	178	3-7-16	3-6-11	3-5-10		2.03	84	1-2-5	1-2-5	1-2-3		
	500	222	5-10-20	5-7-14	4-6-12		2.54	105	2-3-6	2-2-6	1-2-4		
	600	267	7-12-23	6-9-17	5-7-15		3.05	126	2-4-7	2-3-7	2-2-5		
	700	311	9-14-25	7-10-20	6-9-17		3.56	147	3-4-8	2-3-8	2-3-5		
	800	356	10-16-27	8-11-23	6-10-19		4.06	168	3-5-8	2-3-8	2-3-6		
	1000	444	13-20-30	10-14-25	8-12-21		5.08	210	4-6-9	3-4-9	2-4-6		
1200	533	16-23-33	11-17-28	10-15-23	6.10		252	5-7-10	3-5-10	3-5-7			
10 x 10	1400	622	18-25-35	13-20-30	11-17-25	7.11	294	5-8-11	4-6-11	3-5-8			
	300	208	2-5-15	2-5-11	2-5-9	25.4 x 25.4	1.52	98	1-2-5	1-2-5	1-2-3		
	400	278	4-8-20	4-7-14	4-6-12		2.03	131	1-2-6	1-2-6	1-2-4		
	500	347	6-12-25	6-9-18	5-8-15		2.54	164	2-4-8	2-3-8	2-2-5		
	600	417	8-15-29	7-11-21	6-9-18		3.05	197	2-5-9	2-3-9	2-3-5		
	700	486	11-17-31	8-13-25	7-11-21		3.56	229	3-5-9	2-4-9	2-3-6		
	800	556	13-20-33	10-14-28	8-12-23		4.06	262	4-6-10	3-4-10	2-4-7		
	1000	694	16-25-37	12-18-32	10-15-26		5.08	328	5-8-11	4-5-11	3-5-8		
1200	833	20-29-41	14-21-35	12-18-29	6.10		393	6-9-12	4-6-12	4-5-9			
12 x 12	1400	972	23-31-44	17-25-37	14-21-31	7.11	459	7-9-13	5-8-13	4-6-9			
	300	300	8-13-24	6-10-19	5-8-16	30.5 x 30.5	1.52	142	2-4-7	2-3-7	2-2-5		
	400	400	12-18-28	9-13-24	7-11-20		2.03	189	4-5-9	3-4-9	2-3-6		
	500	500	15-22-32	11-16-27	9-14-22		2.54	236	5-7-10	3-5-10	3-4-7		
	600	600	18-24-35	13-19-29	11-16-24		3.05	283	5-7-11	4-6-11	3-5-7		
	700	700	20-26-37	15-22-32	13-19-26		3.56	330	6-8-11	5-7-11	4-6-8		
	800	800	23-28-40	17-24-34	14-20-28		4.06	378	7-9-12	5-7-12	4-6-9		
	1000	1000	26-32-45	21-27-38	18-22-31		5.08	472	8-10-14	6-8-14	5-7-9		
1200	1200	28-35-49	24-29-42	20-24-34	6.10		566	9-11-15	7-9-15	6-7-10			
1400	1400	31-37-53	26-32-45	21-26-37	7.11	661	9-11-16	8-10-16	6-8-11				

NOTES: Throw values are based on terminal velocities of 150, 100, and 50 FPM. Throw Values are given for isothermal conditions. Sound data based on a 4 foot grille. Test conducted in accordance with ANSI / ASHRAE Standard 70, ISO 5219, and ISO 3741. Throw values given for 1-Way Throw are for [Total CFM] CFM per side (L/s). Throw values given for 2-Way Throw are for [Total CFM] CFM per side (L/s). Throw values given for 3-Way Throw are for [Total CFM] CFM per side (L/s).

GRILLES | STAINLESS STEEL

9S84P

Stainless Steel Supply Diffuser, Perforated Face



PERFORMANCE DATA | ROUND NECK, 24x24 PANEL, 1-3-WAY, NO DAMPER

IP DATA						METRIC DATA					
NOM DUCT	NECK VEL	AIR FLOW	1-WAY THROW	2-WAY THROW	3-WAY THROW	NOM DUCT	NECK VEL	AIR FLOW	1-WAY THROW	2-WAY THROW	3-WAY THROW
in	fpm	cfm	ft	ft	ft	cm	m/s	l/s	m	m	m
6	300	59	1-2-8	1-2-6	1-2-5	15.2	1.52	28	0-1-2	0-1-2	0-1-2
	400	79	2-4-10	2-4-8	2-3-6		2.03	37	1-1-3	1-1-3	1-1-2
	500	98	3-7-13	3-5-10	3-4-8		2.54	46	1-2-4	1-2-4	1-1-2
	600	118	4-8-15	4-6-11	3-5-10		3.05	56	1-2-5	1-2-5	1-2-3
	700	137	6-9-17	4-7-13	4-6-11		3.56	65	2-3-5	1-2-5	1-2-3
	800	157	7-10-18	5-8-15	4-6-12		4.06	74	2-3-5	2-2-5	1-2-4
	1000	196	9-13-20	6-10-17	5-8-14		5.08	93	3-4-6	2-3-6	2-2-4
	1400	275	12-17-23	9-13-20	8-11-16		6.10	111	3-5-7	2-3-7	2-3-5
8	300	105	1-3-10	1-3-8	2-3-6	20.3	1.52	50	0-1-3	0-1-3	1-1-2
	400	140	3-6-14	3-5-10	3-4-9		2.03	66	1-2-4	1-2-4	1-1-3
	500	175	4-9-17	4-6-13	4-5-11		2.54	83	1-3-5	1-2-5	1-2-3
	600	2090	6-10-20	5-8-15	4-6-13		3.05	986	2-3-6	2-2-6	1-2-4
	700	244	8-12-22	6-9-18	5-8-15		3.56	115	2-4-7	2-3-7	2-2-5
	800	279	9-14-24	7-10-20	6-9-17		4.06	132	3-4-7	2-3-7	2-3-5
	1000	349	12-17-26	8-13-22	7-11-18		5.08	165	4-5-8	2-4-8	2-3-5
	1400	419	14-20-29	10-15-25	9-13-20		6.10	198	4-6-9	3-5-9	3-4-6
10	300	164	2-4-13	2-4-10	2-4-8	25.4	1.52	77	1-1-4	1-1-4	1-1-2
	400	218	3-7-17	3-6-13	4-5-11		2.03	103	1-2-5	1-2-5	1-2-3
	500	273	5-11-22	5-8-16	4-7-13		2.54	129	2-3-7	2-2-7	1-2-4
	600	327	7-13-26	6-10-19	5-8-16		3.05	154	2-4-8	2-3-8	2-2-5
	700	382	10-15-28	7-11-22	6-9-19		3.56	180	3-5-9	2-3-9	2-3-6
	800	436	12-17-30	8-13-25	7-11-21		4.06	206	4-5-9	2-4-9	2-3-6
	1000	545	15-22-33	11-16-28	9-13-23		5.08	257	5-7-10	3-5-10	3-4-7
	1400	654	17-26-36	13-19-31	11-16-25		6.10	309	5-8-11	4-6-11	3-5-8
12	300	236	7-12-22	6-8-17	5-7-14	30.5	1.52	111	2-4-7	2-2-7	2-2-4
	400	314	10-16-25	8-11-21	6-10-18		2.03	148	3-5-8	2-3-8	2-3-5
	500	393	13-19-28	9-14-24	8-12-20		2.54	185	4-6-9	3-4-9	2-4-6
	600	471	16-22-31	11-17-26	10-14-21		3.05	222	5-7-9	3-5-9	3-4-6
	700	550	18-23-33	13-20-28	11-16-23		3.56	260	5-7-10	4-6-10	3-5-7
	800	628	20-25-35	15-21-30	13-18-25		4.06	296	6-8-11	5-6-11	4-5-8
	1000	785	23-28-40	19-24-34	16-20-28		5.08	370	7-9-12	6-7-12	5-6-9
	1400	942	25-31-43	21-26-37	18-21-30		6.10	445	8-9-13	6-8-13	5-6-9
14	300	321	8-14-25	7-10-20	6-8-17	36.0	1.52	151	2-4-8	2-3-8	2-2-5
	400	428	12-18-29	9-13-25	7-11-20		2.03	202	4-5-9	3-4-9	2-3-6
	500	535	15-26-33	11-17-28	9-14-23		2.54	252	5-8-10	3-5-10	3-4-7
	600	641	18-25-36	13-20-30	11-17-25		3.05	303	5-8-11	4-6-11	3-5-8
	700	748	21-27-39	15-23-33	13-19-27		3.56	353	6-8-12	5-7-12	4-6-8
	800	855	24-29-41	18-25-35	15-20-29		4.06	404	7-9-12	5-8-12	5-6-9
	1000	1069	27-33-46	22-28-39	19-23-32		5.08	505	8-10-14	7-9-14	6-7-10
	1400	1283	29-36-51	25-30-43	20-25-35		6.10	606	9-11-16	8-9-16	6-8-11
16	300	419	10-16-29	8-11-23	6-10-19	41.0	1.52	198	3-5-9	2-3-9	2-3-6
	400	559	14-21-33	10-15-28	9-13-23		2.03	264	4-6-10	3-5-10	3-4-7
	500	698	17-26-37	13-19-32	11-16-26		2.54	329	5-8-11	4-6-11	3-5-8
	600	838	21-29-41	15-23-35	13-19-29		3.05	395	6-9-12	5-7-12	4-6-9
	700	977	24-31-44	18-26-38	15-22-31		3.56	461	7-9-13	5-8-13	5-7-9
	800	1117	27-33-48	20-28-40	17-23-33		4.06	527	8-10-15	6-9-15	5-7-10
	1000	1396	31-37-53	25-32-45	21-26-37		5.08	659	9-11-16	8-10-16	6-8-11
	1400	1686	33-41-58	28-35-49	23-29-41		6.10	796	10-12-18	9-11-18	7-9-12
	1955	36-44-63	31-38-53	25-31-44	7.11	923	11-13-19	9-12-19	8-9-13		

NOTE: See notes on previous page.

ENGINEERING SPECIFICATION & CONFIGURATION

9S84P

The perforated face supply diffuser shall be a Krueger model 9S84P. This diffuser must have 3/16" holes on 1/4" staggered centers resulting in a 51% free area face made of 20 gage 304 stainless steel. A 304 stainless steel 4-way air deflector shall be attached to the perforated face using stainless steel pop rivets. The frame of the diffuser must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the diffuser with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the supply diffuser and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be 90- #4 Satin Polish, obtained by finishing with a 120-grit abrasive, or 44 - British White.

- 1. SERIES: (XXXXX)**
9S84P - Perforated, Square Neck Supply Diffuser
- 2. PATTERN: (X)**
4 - 4-Way
- 3. WIDTH: (XX)**
4" - 48" in 1" Increments
- 4. HEIGHT: (XX)**
4" - 48" in 1" Increments
- 5. MATERIAL: (XXX)**
304 - Stainless Steel Grade 304
316 - Stainless Steel Grade 316
- 6. FRAME STYLE: (XXX)**
F22 - Surface Mount
F23 - Lay-in T-Bar
- 7. PANEL: (XX)x(XX)**
None
24"x24" *
24"x48" *
- 8. FASTENING METHOD: (XX)**
00 - No Screw Holes
01 - Countersunk Screw Holes **
- 9. DAMPER: (XX)**
00 - No Damper
01 - Stainless Steel OBD †
- 10. ACCESSORIES: (XX) (XX)**
00 - No Accessories
01 - Plaster Frame
XX - Square to Round Adapter ‡
(Specify size from 04 - 18" in increments of 2", depending on neck size)
- 11. FINISH: (XX)**
90 - #4 Satin Polish
44 - British White

Maximum single unit size is 48"x60".

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.