

Performance Data

Steel/Aluminum 100 Series, 2-Way, 3-Way and 4-Way Wall/Ceiling Registers

Face Jet Velocity		300	400	500	600	700	800	900	1000	
Total Pressure Loss		0.007	0.011	0.017	0.023	0.032	0.042	0.053	0.064	
Size	Free Area									
6x6	13	CFM	30	40	50	65	75	85	95	105
		Throw	3	3.5	4	5.5	6	7	8	9
		NC	<20	20	25	25	30	30	35	35
8x4	19	CFM	25	35	45	55	65	70	80	90
		Throw	3	4	5	6	7	7	8	10
		NC	<20	20	25	25	30	30	35	35
8x6	30	CFM	40	55	70	85	100	110	125	140
		Throw	3	5	6	7	8	9	10	12
		NC	<20	20	25	25	30	30	35	35
8x8	37	CFM	60	80	100	120	140	160	180	200
		Throw	4	6	7	8	10	11	13	14
		NC	<20	20	25	25	30	30	35	40
10x4	24	CFM	35	45	60	70	80	90	105	115
		Throw	4	5	6	7	8	9	11	12
		NC	<20	20	25	25	30	30	35	40
10x6	38	CFM	55	75	95	110	130	150	165	185
		Throw	4	6	8	9	11	12	14	15
		NC	<20	20	25	25	30	30	35	40
10x8	44	CFM	90	120	150	180	210	235	255	295
		Throw	5	7	10	12	14	15	18	20
		NC	<20	20	25	25	30	30	35	40
10x10	61	CFM	95	125	155	185	215	250	280	310
		Throw	6	8	10	12	14	16	18	20
		NC	<20	20	25	25	30	35	35	40
12x4	30	CFM	40	55	70	85	100	110	125	140
		Throw	3	3.5	4	5	6	7	7	8
		NC	<20	20	25	25	30	35	35	40
12x6	47	CFM	70	90	115	135	160	180	205	225
		Throw	4	6	8	9	11	12	14	15
		NC	<20	20	25	30	35	35	35	40
12x8	55	CFM	95	130	160	190	225	255	290	320
		Throw	5	7	9	11	13	15	17	19
		NC	<20	20	25	30	35	35	40	40
12x10	68	CFM	121	163	205	247	289	326	368	410
		Throw	5	7	9	11	13	15	17	19
		NC	<20	20	25	30	35	35	40	40
12x12	91	CFM	140	190	235	280	330	375	425	470
		Throw	7	10	13	15	18	20	23	24
		NC	<20	25	25	30	30	35	35	40
14x4	35	CFM	55	75	95	110	130	150	165	185
		Throw	4	6	8	9	11	12	14	15
		NC	<20	20	25	25	30	35	35	40
14x6	56	CFM	85	115	145	175	205	230	250	290
		Throw	5	7	10	12	14	15	18	20
		NC	<20	20	25	30	35	35	35	40
14x8	66	CFM	115	155	195	235	275	310	350	390
		Throw	6	9	11	13	16	18	20	22
		NC	<20	20	25	30	35	40	40	40
14x10	82.5	CFM	144	194	244	294	344	388	438	488
		Throw	7	10	12	14	17	19	21	23
		NC	<20	20	25	30	35	40	40	40
14x14	127	CFM	195	250	325	390	455	520	585	650
		Throw	8	11	14	17	20	23	26	28
		NC	<20	25	25	30	30	35	35	40
16x04	37	CFM	60	80	100	120	140	160	180	200
		Throw	4	6	7	8	10	11	13	14
		NC	<20	20	25	25	30	30	35	40
16x16	135	CFM	280	370	465	550	650	745	835	930
		Throw	6	10	12	14	17	19	21	23
		NC	<20	25	25	30	30	35	35	40
18x8	69	CFM	134	179	223	268	312	357	402	446
		Throw	6	9	11	13	17	19	21	22
		NC	<20	25	25	30	30	35	35	40
20x08	88	CFM	173	233	293	352	412	479	525	585
		Throw	5	12	14	18	21	24	27	30
		NC	<20	25	25	30	30	35	35	40
20x10	122	CFM	192	253	308	373	429	510	568	618
		Throw	9	12	15	18	21	24	27	30
		NC	<20	20	25	25	30	35	35	40
24x08	110	CFM	213	284	355	426	497	568	639	710
		Throw	8	11	14	17	20	23	26	28
		NC	<20	25	25	30	30	35	35	40
24x10	136	CFM	262	351	437	525	612	699	787	874
		Throw	8	11	14	17	20	23	26	28
		NC	<20	25	25	30	30	35	35	40
30x06	125	CFM	180	220	260	300	360	405	450	490
		Throw	5.5	7	8.5	10	11	13	14	16
		NC	30	30	30	30	30	30	35	40

Pressure Loss is for registers only and is total of static and velocity measured in inches water gage. Throw is distance in feet to a terminal velocity of 50fpm. Face Jet Velocity is the velocity in feet/minute measured at the face.