

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									
6" x 6"	15	CFM	33	42	54	64	75	85	97	106
		Throw	3	4	5	6	7	8	9	10
		NC	<20	20	25	25	30	30	35	35
8" x 4"	13	CFM	25	35	45	55	65	70	80	90
		Throw	2	4	5	6	7	7	8	9
		NC	<20	20	25	25	30	30	35	35
8" x 6"	22	CFM	47	60	77	90	107	120	137	150
		Throw	4	5	6	7	9	10	11	13
		NC	<20	20	25	25	30	30	35	35
8" x 8"	29	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
10" x 4"	17	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
10" x 6"	27	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
10" x 8"	43	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
10" x 10"	45	CFM	95	125	155	185	215	250	280	310
		Throw	5	7	9	10	12	14	16	17
		NC	<20	20	25	25	30	35	35	40
12" x 4"	20	CFM	40	55	70	85	100	110	125	140
		Throw	3	4	5	6	7	8	10	11
		NC	<20	20	25	25	30	35	35	40
12" x 6"	33	CFM	70	90	115	135	160	180	205	225
		Throw	5	6	8	9	11	12	13	15
		NC	<20	20	25	30	35	35	35	40
12" x 8"	46	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
12" x 10"	59	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
12" x 12"	68	CFM	140	190	235	280	330	375	425	470
		Throw	7	10	13	15	18	20	22	23
		NC	<20	25	25	30	30	35	35	40
14" x 4"	27	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
14" x 6"	41	CFM	85	115	145	175	205	230	250	290
		Throw	5	7	9	10	12	14	15	17
		NC	<20	20	25	30	35	35	35	40
14" x 8"	56	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
14" x 10"	70	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
14" x 14"	93	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
16" x 4"	31	CFM	53	74	106	135	159	180	205	224
		Throw	3	6	7	9	10	11	13	14
		NC	<20	20	25	25	30	30	35	40
16" x 6"	44	CFM	94	120	154	180	214	240	274	300
		Throw	6	8	10	11	14	16	17	19
		NC	<20	20	25	25	30	30	35	35

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16" x 16"	117	CFM	240	360	400	480	560	640	720	800
		Throw	6	10	12	14	17	19	21	23
		NC	<20	25	25	30	30	35	35	40
18" x 4"	32	CFM	67	90	112	134	156	179	201	223
		Throw	4	6	7	9	11	13	14	15
		NC	<20	25	25	30	30	35	35	40
18" x 8"	64	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
20" x 4"	42	CFM	87	117	147	176	206	240	263	293
		Throw	3	8	9	12	17	16	18	20
		NC	<20	25	25	30	30	35	35	40
20" x 6"	53	CFM	110	150	190	220	260	300	330	370
		Throw	6	9	12	14	17	18	21	23
		NC	<20	20	25	25	30	30	35	40
20" x 8"	84	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
20" x 10"	97	CFM	200	275	338	402	476	539	613	676
		Throw	9	12	15	16	19	21	25	27
		NC	<20	20	25	25	30	35	35	40
24" x 8"	95	CFM	200	264	328	391	455	529	592	655
		Throw	8	11	14	17	20	23	26	28
		NC	<20	25	25	30	30	35	35	40
24" x 10"	124	CFM	255	345	433	522	612	689	778	867
		Throw	8	11	14	17	20	23	26	28
		NC	<20	25	25	30	30	35	35	40
30" x 6"	75	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.