

301 Wall/Ceiling Register

Face Jet Velocity		300	400	500	600	700	800	900	1000	1100	1200
Total Pressure Loss		0.06	0.01	0.016	0.022	0.031	0.040	0.05	0.062	0.075	0.09
Size	Free Area										
6x6	CFM	45	50	60	75	82	95	102	115	130	145
	Throw	5	5.5	6.5	7.5	9	10	11.5	12.5	14	15.5
	Ak 0.115 NC	30	30	30	30	30	30	30	30	30	30
8x4	CFM	30	46	55	65	75	85	95	105	120	130
	Throw	5	5.5	6.5	7.5	9	10	11.5	12.5	14	15.5
	Ak 0.107 NC	30	30	30	30	30	30	30	30	30	30
8x6	CFM	50	60	70	85	95	110	125	135	150	165
	Throw	5	6	7	8	9.5	10.5	12	13	14.5	16
	Ak 0.138 NC	30	30	30	30	30	30	30	30	30	30
8x8	CFM	70	85	110	130	150	170	195	215	235	260
	Throw	6	7	8	9	10	11	12.5	13.5	15	16.5
	Ak 0.215 NC	30	30	30	30	30	30	30	30	30	30
10x4	CFM	40	55	65	80	90	105	120	130	145	160
	Throw	5	6	7	8.5	9.5	11	12.5	13.5	15.5	17
	Ak 0.132 NC	30	30	30	30	30	30	30	30	30	30
10x6	CFM	60	80	100	120	140	160	180	200	220	240
	Throw	5	6.5	8.5	10	11.5	13.5	15	16	18	20
	Ak 0.200 NC	30	30	30	30	30	30	30	30	35	35
10x8	CFM	90	105	130	160	185	210	240	265	290	315
	Throw	7	7.5	9.5	11.5	13	15	17	19	21	23
	Ak 0.264 NC	30	30	30	30	30	30	30	30	35	35
10x10	CFM	100	130	165	200	230	265	295	330	365	395
	Throw	7	8	10	12	13.5	15.5	17.5	20	22	24
	Ak 0.330 NC	30	30	30	30	30	30	30	30	35	35
12x6	CFM	70	95	120	140	165	190	210	235	260	280
	Throw	6	7	9	10.5	12.5	14.5	16	18	20	22
	Ak 0.235 NC	30	30	30	30	30	30	30	30	35	35
12x8	CFM	110	130	160	190	225	255	290	320	350	385
	Throw	8	8.5	10.5	12.5	14.5	16.5	19	21	23	25
	Ak 0.320 NC	30	30	30	30	30	30	30	30	35	35
12x10	CFM	120	155	190	220	270	305	330	385	420	450
	Throw	8	9	11	13	15	17	20	23	25	28
	Ak 0.385 NC	30	30	30	30	30	30	30	30	35	35
12x12	CFM	135	180	225	270	315	360	405	450	495	540
	Throw	9	10	12	14	16	18	22	25	28	31
	Ak 0.452 NC	30	30	30	30	30	30	30	30	35	35
14x6	CFM	90	110	140	170	195	225	260	285	315	340
	Throw	7	8	10.5	12.5	15	17	18.5	20	22	24
	Ak 0.295 NC	30	30	30	30	30	30	30	30	35	35
14x8	CFM	110	145	180	220	255	290	330	365	400	435
	Throw	8	8.5	11	13	15.5	17.5	20	22	24	26
	Ak 0.365 NC	30	30	30	30	30	30	30	30	35	35
14x14	CFM	160	195	250	300	345	395	440	490	540	585
	Throw	9	10	12	15	17	19	23	25	27	29
	Ak 0.480 NC	30	30	30	30	30	30	30	30	35	35
16x16	CFM	215	255	320	385	445	510	570	635	700	760
	Throw	10	11	13	16	18	21	23	25	29	32
	Ak 0.725 NC	30	30	30	30	30	30	30	30	35	35

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.