

Series 300 Curved-Blade Register (Page 14-16)
Series 300M Curved-Blade Register (Page 17)

Hart & Cooley 301

Face Velocity	300	400	500	600	700	800	900	1000	
6 x 6	CFM	30	40	45	55	65	75	85	95
Ak .09	Ps	.007	.013	.020	.029	.040	.052	.066	.081
	Throw	6.0	8.0	10.0	11.0	13.0	15.0	17.0	19.0
8 x 4	CFM	30	45	55	65	75	85	95	105
Ak .11	Ps	.007	.013	.021	.030	.041	.053	.067	.083
	Throw	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
8 x 6	CFM	35	50	60	75	85	100	110	125
Ak .12	Ps	.007	.013	.021	.030	.040	.053	.067	.082
	Throw	7.0	9.0	11.0	13.0	15.0	17.0	19.0	22.0
8 x 8	CFM	50	65	80	95	110	130	145	160
Ak .16	Ps	.008	.014	.022	.031	.042	.055	.070	.086
	Throw	8.0	10.0	12.0	15.0	17.0	20.0	22.0	25.0
10 x 4	CFM	35	50	60	70	85	95	110	120
Ak .12	Ps	.008	.013	.021	.030	.041	.054	.069	.084
	Throw	6.0	9.0	11.0	13.0	15.0	17.0	19.0	21.0
10 x 6	CFM	40	55	70	80	95	110	120	135
Ak .14	Ps	.008	.014	.021	.031	.042	.054	.069	.085
	Throw	7.0	9.0	11.0	14.0	16.0	18.0	20.0	23.0
10 x 8	CFM	55	75	95	115	130	150	170	190
Ak .19	Ps	.008	.014	.022	.031	.043	.056	.071	.087
	Throw	8.0	11.0	13.0	16.0	19.0	21.0	24.0	27.0
10 x 10	CFM	70	95	120	145	170	190	215	240
Ak .24	Ps	.008	.014	.021	.030	.042	.054	.069	.085
	Throw	8.0	11.0	14.0	16.0	19.0	22.0	24.0	27.0
12 x 4	CFM	40	55	65	80	95	105	120	135
Ak .13	Ps	.008	.014	.021	.031	.042	.054	.069	.085
	Throw	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0
12 x 6	CFM	55	75	95	110	130	150	165	185
Ak .18	Ps	.008	.015	.023	.033	.045	.059	.074	.091
	Throw	7.0	9.0	11.0	13.0	16.0	18.0	20.0	22.0
12 x 8	CFM	65	85	110	130	150	170	195	215
Ak .22	Ps	.008	.014	.022	.032	.043	.056	.071	.088
	Throw	8.0	11.0	13.0	16.0	19.0	21.0	24.0	26.0
12 x 12	CFM	90	120	150	180	210	235	265	295
Ak .30	Ps	.008	.014	.022	.032	.044	.057	.073	.090
	Throw	10.0	13.0	16.0	19.0	22.0	25.0	28.0	31.0
14 x 4	CFM	45	60	75	90	105	120	130	145
Ak .15	Ps	.008	.014	.021	.031	.042	.055	.069	.086
	Throw	10.0	14.0	17.0	20.0	24.0	30.0	30.0	30.0
14 x 6	CFM	65	85	110	130	150	175	195	215
Ak .22	Ps	.008	.014	.022	.031	.042	.055	.070	.087
	Throw	7.0	9.0	12.0	14.0	16.0	19.0	21.0	23.0
14 x 8	CFM	75	95	120	145	170	195	220	240
Ak .24	Ps	.008	.014	.022	.032	.043	.057	.072	.089
	Throw	9.0	12.0	14.0	17.0	20.0	23.0	26.0	29.0

Terminal Velocity of 75 FPM

Hart & Cooley 302

Face Velocity	300	400	500	600	700	800	900	1000	
8 x 4	CFM	30	40	50	65	75	85	95	105
Ak .11	Ps	.012	.021	.033	.047	.064	.083	.106	.013
	Throw	3.0	4.0	6.0	7.0	8.0	9.0	10.0	11.0
8 x 6	CFM	40	50	65	75	90	100	115	125
Ak .13	Ps	.012	.020	.032	.046	.063	.082	.104	.128
	Throw	4.0	5.0	6.0	7.0	8.0	9.0	11.0	12.0
8 x 8	CFM	55	75	90	110	130	150	165	185
Ak .19	Ps	.011	.020	.031	.045	.061	.080	.101	.125
	Throw	5.0	6.0	7.0	9.0	10.0	11.0	13.0	14.0
10 x 6	CFM	50	65	85	100	115	130	150	165
Ak .17	Ps	.011	.020	.031	.045	.062	.080	.102	.126
	Throw	4.0	6.0	7.0	8.0	9.0	11.0	12.0	13.0
10 x 8	CFM	65	90	110	135	155	180	200	225
Ak .23	Ps	.011	.020	.031	.044	.061	.079	.100	.124
	Throw	5.0	7.0	8.0	10.0	11.0	13.0	14.0	15.0
12 x 6	CFM	60	80	100	125	145	165	15	205
Ak .21	Ps	.011	.020	.031	.045	.061	.079	.101	.124
	Throw	5.0	6.0	8.0	9.0	10.0	12.0	13.0	15.0
12 x 8	CFM	80	105	130	160	185	210	240	265
Ak .27	Ps	.011	.020	.031	.044	.060	.079	.099	.123
	Throw	5.0	7.0	9.0	10.0	12.0	14.0	15.0	17.0
14 x 6	CFM	70	95	115	140	165	190	210	235
Ak .24	Ps	.011	.020	.031	.044	.060	.079	.100	.123
	Throw	5.0	7.0	8.0	10.0	11.0	13.0	14.0	16.0
14 x 8	CFM	90	120	150	185	215	245	275	305
Ak .31	Ps	.011	.020	.031	.044	.060	.078	.099	.122
	Throw	6.0	8.0	9.0	11.0	13.0	14.0	16.0	18.0

Terminal Velocity of 75 FPM

Hart & Cooley 303

Face Velocity	300	400	500	600	700	800	900	1000	
6 x 6	CFM	35	50	60	75	85	100	110	125
Ak .12	Ps	.014	.025	.039	.056	.077	.100	.126	.156
	L Throw	5.0	7.0	9.0	10.0	12.0	14.0	15.0	17.0
	S Throw	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
8 x 4	CFM	30	40	50	65	75	85	95	105
Ak .10	Ps	.015	.027	.041	.060	.081	.106	.134	.166
	L Throw	5.0	6.0	8.0	9.0	11.0	12.0	14.0	15.0
	S Throw	3.0	4.0	5.0	6.0	7.0	8.0	8.0	9.0
8 x 6	CFM	40	55	70	85	100	115	125	140
Ak .14	Ps	.015	.026	.041	.059	.080	.104	.132	.163
	L Throw	6.0	7.0	9.0	11.0	13.0	15.0	16.0	18.0
	S Throw	3.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
8 x 8	CFM	55	75	90	110	130	145	165	185
Ak .18	Ps	.013	.022	.035	.050	.069	.090	.114	.140
	L Throw	6.0	8.0	11.0	13.0	15.0	17.0	19.0	21.0
	S Throw	4.0	5.0	6.0	8.0	9.0	10.0	11.0	12.0
10 x 4	CFM	35	50	60	75	85	100	110	125
Ak .12	Ps	.014	.025	.039	.056	.076	.100	.126	.156
	L Throw	5.0	7.0	9.0	10.0	12.0	14.0	15.0	17.0
	S Throw	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
10 x 6	CFM	50	70	85	105	120	140	155	175
Ak .17	Ps	.015	.027	.043	.062	.084	.110	.139	.171
	L Throw	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
	S Throw	4.0	5.0	6.0	7.0	9.0	10.0	11.0	12.0
10 x 8	CFM	65	90	110	135	155	180	200	225
Ak .22	Ps	.012	.022	.034	.049	.066	.086	.109	.135
	L Throw	7.0	9.0	12.0	14.0	16.0	18.0	21.0	23.0
	S Throw	4.0	6.0	7.0	8.0	10.0	11.0	12.0	14.0
10 x 10	CFM	95	125	155	185	220	250	280	310
Ak .31	Ps	.015	.027	.043	.062	.084	.110	.139	.172
	L Throw	8.0	11.0	14.0	16.0	19.0	22.0	24.0	27.0
	S Throw	5.0	7.0	8.0	10.0	11.0	13.0	14.0	16.0
12 x 6	CFM	60	85	105	125	145	165	185	205
Ak .21	Ps	.012	.022	.034	.049	.066	.086	.109	.135
	L Throw	7.0	9.0	11.0	13.0	15.0	18.0	20.0	22.0
	S Throw	4.0	6.0	7.0	8.0	9.0	11.0	12.0	13.0
12 x 8	CFM	80	105	130	160	185	210	240	265
Ak .26	Ps	.008	.014	.022	.032	.044	.057	.072	.089
	L Throw	8.0	10.0	13.0	15.0	17.0	20.0	22.0	25.0
	S Throw	5.0	6.0	8.0	9.0	11.0	12.0	13.0	15.0
12 x 12	CFM	115	155	190	230	270	305	345	385
Ak .38	Ps	.008	.014	.023	.033	.044	.058	.073	.090
	L Throw	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0
	S Throw	6.0	7.0	9.0	11.0	13.0	14.0	16.0	18.0
14 x 4	CFM	50	65	80	100	115	130	150	165
Ak .16	Ps	.008	.014	.022	.031	.042	.055	.070	.086
	L Throw	6.0	8.0	10.0	12.0	14.0	16.0	17.0	19.0
	S Throw	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
14 x 6	CFM	60	80	100	120	145	165	185	205
Ak .20	Ps	.009	.017	.026	.037	.051	.066	.084	.104