

# Performance Data



## 1203 Series

Duct Size	Neck Area (ft <sup>2</sup> )	Neck Velocity (FPM) Velocity Pressure	300	400	500	600	700	800	1000	1200
			0.006	0.010	0.016	0.022	0.031	0.040	0.062	0.090
4	0.087	CFM	30	40	50	60	70	80	90	110
		SP (in.,wg)	< .01	< .01	.03	.048	.065	.085	.110	.132
		NC	<20	<20	<20	<20	20	20-25	30	30-35
		Throw (ft.)	9	10	11	12	13	14	14	15
6	0.196	CFM	60	80	100	120	140	160	200	240
		SP (in.,wg)	< .01	< .01	.2	.03	.050	.045	.074	.120
		NC	<20	<20	<20	<20	<20	<20	20-25	25-30
		Throw (ft.)	10	12	15	26	16	19	21	24
8	0.349	CFM	110	140	180	210	250	280	350	420
		SP (in.,wg)	< .01	.010	.02	.024	.04	.055	.090	.150
		NC	<20	<20	<20	<20	20	20-25	25	25-30
		Throw (ft.)	14	18	20	22	24	26	28	30
10	0.545	CFM	170	220	280	330	390	440	550	660
		SP (in.,wg)	< .01	< .01	.01	.018	.03	.040	.054	.076
		NC	<20	<20	<20	<20	20	<20	20-25	25
		Throw (ft.)	21	24	26	28	30	32	34	38
12	0.785	CFM	240	320	400	480	550	630	790	950
		SP (in.,wg)	< .01	< .01	< .01	.035	.04	.050	.050	.06
		NC	<20	<20	<20	<20	<20	<20	20-25	30-35
		Throw (ft.)	25	27	28	31	34	35	41	42
14	0.1069	CFM	330	430	540	650	750	860	1070	1290
		SP (in.,wg)	< .01	< .01	< .01	.03	.028	.030	.040	.05
		NC	<20	<20	<20	<20	<20	<20	20-25	25-30
		Throw (ft.)	27	30	33	37	40	41	43	52
16	1.396	CFM	420	560	700	840	980	1120	1400	1680
		SP (in.,wg)	< .01	< .01	< .01	.022	.033	.040	.050	.060
		NC	<20	<20	<20	<20	<20	<20	20-25	30
		Throw (ft.)	30	34	38	41	43	46	54	52
20	2.182	CFM	660	880	1100	1310	1530	1750	2190	2620
		SP (in.,wg)	< .01	< .01	< .01	.02	.03	.04	.06	.1
		NC	<20	<20	<20	<20	<20	<20	25-30	30
		Throw (ft.)	40	45	46	53	57	63	71	80
24	3.142	CFM	950	1260	1580	1890	2200	2520	3150	3780
		SP (in.,wg)	< .01	< .01	< .01	.02	.03	.04	.06	.09
		NC	<20	<20	<20	<20	<20	<20	20-25	30-35
		Throw (ft.)	46	52	57	62	67	73	83	93