Performance Data

AFP Series

Size	Eff. Area (ft^2)	Velocity	300			400			500			600			700			800			900			1000		
		Duct Pt.	.006			.010			.015			.021			.029			.038			.048			.065		
2 1/4 x10	0.099	CFM	30			40			49			59			69			79			89			99		
		NC	<20			25			25			30			30			30			35			35		
		Throw	3	4	5	4	5.5	6.5	6	7	9	7	8	11	9	10	13	9	10.5	14.5	10	12	18	11	13	20
2 1/4 x12	0.130	CFM	39			52			65			78			91			104			117			130		
		NC	<20			25			25			30			30			30			35			35		
		Throw	4	5	6	5	6.5	7.5	7	8	10	8	9	11.5	9	10.5	14.5	10	11.5	16	11	13	20	12	14	22
2 1/4 x14	0.141	CFM	42			56			70			84			98			113			127			141		
		NC	<20			25			25			30			30			30			35			35		
		Throw	5	5.5	6.5	6	7	9	8	9.5	11.5	9	10.5	14.5	11	13	17	12	14	19	13	16	23	14	17	26
4x10	0.181	CFM	54			73			91			109			127			145			163			181		
		NC	<20			25			25			30			30			30			35			40		
		Throw	6	6.5	7.5	7	8	10	9	10.5	12.5	10	11.5	16	12	14	19	13	15	21	15	17	25	16	18	27
4x12	0.220	CFM	66			88			110			132			154			176			198			220		
		NC	<20			25			25			30			30			35			35			40		
		Throw	6	7	8.5	8	9.5	11.5	10	11.5	14	11	13	18	13	15	21	16	18	24	16	18	26	17	19	29
4x14	0.258	CFM	77			103			129			155			180			206			232			258		
		NC	<20			25			30			30			30			35			35			40		
		Throw	7	8	10	9	10.5	12.5	11	13.5	17	12	14	19	15	17	22	17	19	26	17	20	31	20	23	34
6x10	0.280	CFM	84			112			140			168			196			224			252			280		
		NC	<20			25			30			30			30			35			40			40		
		Throw	7	8	10	9	10.5	12.5	11	13.5	17	12	14	19	15	17	22	17	19	26	17	20	31	20	23	34
6x12	0.339	CFM	102			136			170			204			238			272			305			339		
		NC	<20			25			30			30			35			35			40			40		
		Throw	9	10.5	12.5	12	13.5	17	13	15	18	16	18	24	19	22	29	21	24	33	22	26	40	25	30	45
6x14	0.398	CFM	120			159			199			239			279			319			359			398		
		NC	<20			30			30			30			35			35			40			40		
		Throw	9.5	10.5	11.5	12.5	14	15	15	17	18	18	21	24	22	26	29	24	29	33	26	33	40	30	38	45
8x14	0.539	CFM	162			216			270			323			377			431			485			539		
		NC	<20			30			30			30			35			35			40			40		
		Throw	10	11.5	14	13	15	18	17	19	23	17	20	28	21	24	33	24	28	38	25	30	45	27	32	49

Performance Notes:

1) Throw values are measured in feet for terminal velocities of 150/100/50 FPM
2) Throw data is based on supply air and room air both at isothermal conditions
3) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
4) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006