Performance Data

RECTORSEAL SHOEMAKER
CSW Industrials Companies

150-0 Series

Size	Eff. Area (ft^2)	Velocity	400			500			600			700			800			900			1000			1200		
		Duct Pt.	0.011			0.017			0.024			0.034			0.044			0.055			0.068			0.100		
6x6	0.110	CFM	44			55			66			77			88			99			110			132		
		NC	<20			<20			<20			20			25			30			30			35		
		Throw	1	2	3	2	2.5	3.5	3	3.5	4.5	4	4.5	6	4	5	7	5	6	8	5	6.5	10	6	7	11
8x8	0.222	CFM	89			111			133			155			178			200			222			266		
		NC	<20			<20			<20			20			25			30			30			35		
		Throw	2.5	3	3.5	3.5	4	4.5	4.5	5	5.5	5	6	7	6	7	8	7	8	9	7	9	11	8	10	12
10x10	0.394	CFM	158			197			236			276			315			355			394			473		
		NC	<20			<20			20			20-25			25			25-30			30			30-35		
		Throw	3	3.5	4.5	3	3.5	5	4	4.5	6	5	6	8	6	7	9	6	7.5	11	7	9	13	8	10	14
12x12	0.597	CFM	239			299			358			418			478			537			597			716		
		NC	<20			20			20-25			25			25-30			30-35			35			35-40		
		Throw	3	4	5	3	4	6	4	5	7	6	7	10	7	8	11	8	9	13	8	10	14	9	11	16
14x14	0.835	CFM	334			418			501			585			668			752			835			1002		
		NC	20			20-25			25			25-30			30			30-35			35-40			40-45		
		Throw	4	5	7	5	6	8	6	7	9	7	8	12	8	10	13	9	11	15	10	12	16	11	13	20
16x16	1.014	CFM	406			507			608			710			811			913			1014			1217		
		NC	20-25			25			25-30			30			30-35			35-40			40			40-45		
		Throw	5	6	8	6	7	9	7	8	10	8	9	13	9	11	14	10	12	17	12	14	18	13	15	22
18x18	1.328	CFM	531			664			797			930			1062			1195			1328			1594		
		NC	25			25-30			30			30-35			35			35-40			40-45			45		
		Throw	6	7	9	7	8	10	8	9	11	9	10	14	10	12	16	12	14	19	14	17	23	16	19	24
20x20	1.578	CFM	631			789			947			1105			1262			1420			1578			1894		
		NC	25-30			30			30-35			35			35-40			40			40-45			<45		
		Throw	7	8	10	8	9	11	9	10	14	10	12	16	12	14	18	14	16	21	16	19	28	20	24	30

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