

CSR-P COMBINATION SUPPLY/RETURN

48 x 24 inches	Airflow, cfm	1000	1500	2000	2500
	Total System Static Pressure (Inches WC)	0.13	0.29	0.51	0.79
	Supply Static Pressure (Inches WC)	0.05	0.12	0.21	0.33
	Return Static Pressure (Inches WC)	-0.08	-0.17	-0.30	-0.47
	NC (Noise Criterion)	14	24	31	36
	Throw, Feet	10-14-20	14-18-25	17-20-29	19-23-32

Note: Data for 48" x 24" and 48" x 36" is for long side only, for short side performance, multiply by .7

48 x 36 inches	Airflow, cfm	1500	2000	2500	3000	3500	4000	4500	5000
	Total System Static Pressure (Inches WC)	0.07	0.13	0.20	0.29	0.40	0.52	0.65	0.81
	Supply Static Pressure (Inches WC)	0.04	0.08	0.12	0.17	0.23	0.30	0.38	0.47
	Return Static Pressure (Inches WC)	-0.03	-0.05	-0.09	-0.12	-0.17	-0.22	-0.28	-0.34
	NC (Noise Criterion)	19	25	30	34	37	40	43	45
	Throw, Feet	12-18-25	16-20-29	19-23-32	20-25-35	22-27-38	23-29-41	25-31-43	26-32-46

48 x 48 inches	Airflow, cfm	2000	2500	3000	3500	4000	4500	5000	5500	6000
	Total System Static Pressure (Inches WC)	0.08	0.12	0.17	0.23	0.30	0.38	0.47	0.57	0.68
	Supply Static Pressure (Inches WC)	0.04	0.06	0.08	0.11	0.15	0.19	0.23	0.28	0.33
	Return Static Pressure (Inches WC)	-0.04	-0.06	-0.09	-0.12	-0.15	-0.19	-0.24	-0.29	-0.34
	NC (Noise Criterion)	17	23	28	32	35	38	41	44	46
	Throw, Feet	13-20-29	17-23-32	20-25-35	22-27-38	23-29-41	25-31-43	26-32-46	28-34-48	29-35-50

60 x 60 inches	Airflow, cfm	3000	4000	5000	6000	7000	8000	9000	10000
	Total System Static Pressure (Inches WC)	0.07	0.12	0.19	0.28	0.38	0.49	0.63	0.77
	Supply Static Pressure (Inches WC)	0.04	0.08	0.12	0.17	0.24	0.31	0.39	0.48
	Return Static Pressure (Inches WC)	-0.03	-0.05	-0.07	-0.11	-0.14	-0.19	-0.24	-0.29
	NC (Noise Criterion)	22	31	38	43	48	52	55	59
	Throw, Feet	16-25-35	22-29-41	26-32-46	29-35-50	31-38-54	33-41-54	35-43-61	37-46-64

- NC based on a room, 68 x 80 x 14 feet with the receiver located 9 feet from the diffuser
- Total System Static Pressure is the sum of the supply static pressure and the return static pressure
- Throw is listed as the distance in feet to terminal velocities of 150, 100 and 50 fpm under isothermal conditions