

RX400 coverage

Fan setting	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Noise (dB)	88	91	92	94	95	96	98	99	101	102	103	104	105	107	108
Air Speed (m/sec)	1.31	1.41	1.64	1.69	1.93	1.98	2.02	2.12	2.13	2.4	2.44	2.49	2.55	2.69	2.87
CFM	46.47	50.02	58.18	59.95	68.46	70.24	71.66	75.2	75.56	85.13	86.55	88.33	90.46	95.42	101.81
Cu.ft air/hour	2788.2	3001.2	3490.8	3597	4107.6	4214.4	4299.6	4512	4533.6	5107.8	5193	5299.8	5427.6	5725.2	6108.6

Room area covered by 1 unit (assuming 8' ceilings)

ACH by ASHRAE	ACH**	Room area covered by 1 unit (assuming 8' ceilings)														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Medical		sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft	sq.ft
OR	25	14	15	17	18	21	21	21	23	23	26	26	26	27	29	31
ICU	6	58	63	73	75	86	88	90	94	94	106	108	110	113	119	127
Patient rooms	5	70	75	87	90	103	105	107	113	113	128	130	132	136	143	153

Non-medical

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1	349	375	436	450	513	527	537	564	567	638	649	662	678	716	764
Auditoriums	12	29	31	36	37	43	44	45	47	47	53	54	55	57	60	64
Banks	7	50	54	62	64	73	75	77	81	81	91	93	95	97	102	109
Hair Salons	8	44	47	55	56	64	66	67	71	71	80	81	83	85	89	95
Bowling alleys	12	29	31	36	37	43	44	45	47	47	53	54	55	57	60	64
Cafeterias	14	25	27	31	32	37	38	38	40	40	46	46	47	48	51	55
Churches	12	29	31	36	37	43	44	45	47	47	53	54	55	57	60	64
Cocktail Lounges	25	14	15	17	18	21	21	21	23	23	26	26	26	27	29	31
Computer rooms	17	21	22	26	26	30	31	32	33	33	38	38	39	40	42	45
Dental centers	10	35	38	44	45	51	53	54	56	57	64	65	66	68	72	76
Municipal buildings	7	50	54	62	64	73	75	77	81	81	91	93	95	97	102	109
Medical centers	10	35	38	44	45	51	53	54	56	57	64	65	66	68	72	76
Offices, public	3	116	125	145	150	171	176	179	188	189	213	216	221	226	239	255
Post Offices	7	50	54	62	64	73	75	77	81	81	91	93	95	97	102	109
Restaurants	10	35	38	44	45	51	53	54	56	57	64	65	66	68	72	76
School classrooms	8	44	47	55	56	64	66	67	71	71	80	81	83	85	89	95
Super Markets	7	50	54	62	64	73	75	77	81	81	91	93	95	97	102	109
Theatres	12	29	31	36	37	43	44	45	47	47	53	54	55	57	60	64
Waiting rooms, public	4	87	94	109	112	128	132	134	141	142	160	162	166	170	179	191
All spaces in general	4	87	94	109	112	128	132	134	141	142	160	162	166	170	179	191

** —The Engineering Toolbox www.EngineeringToolBox.com

More authoritative recommendations for ACH is available from ASHRAE handbook.