

always the
best climate



Ventilation unit

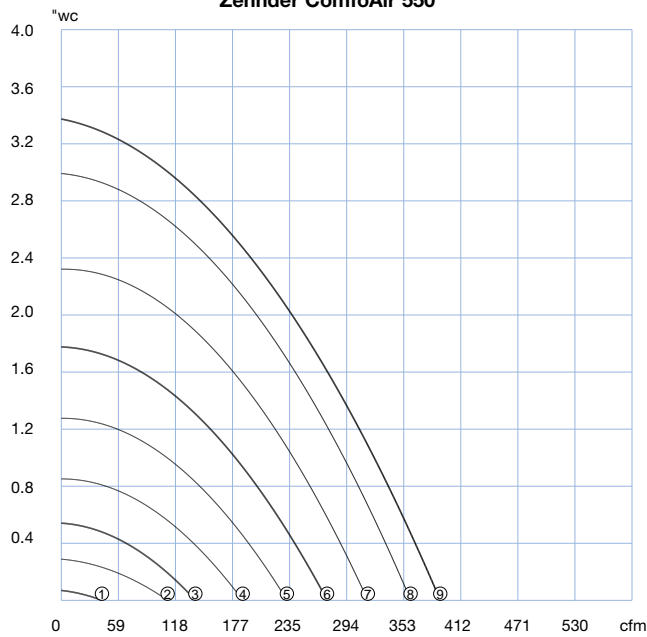
Zehnder ComfoAir 550

Stage	Speed %	Air volume Qv cfm	Pressure ΔP_{st} "wc	Power consumption W	Current consumption A	COS ϕ (-)	Installed noise level		Weight lb
							Extract air	Supply air	
							dB(A)	dB(A)	

Zehnder ComfoAir 550

(1) Absent	15%	29	0.02	13	0.12	0.47	28	35	103.6
(2)	30%	82	0.12	26	0.22	0.51	38	50	
(3) Stage 1	40%	106	0.24	41	0.35	0.51	44	58	
(4)	50%	132	0.40	69	0.57	0.53	48	63	
(5)	60%	165	0.60	110	0.86	0.56	52	67	
(6) Stage 2	70%	194	0.86	160	1.21	0.57	55	71	
(7)	80%	224	1.14	220	1.65	0.58	59	74	
(8)	90%	253	1.45	310	2.22	0.61	63	78	
(9) Stage 3	100%	271	1.65	350	2.459	0.62	63	79	

Zehnder ComfoAir 550



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Zehnder ComfoAir 550

Sound, supply air

Ventilation unit		Acoustic performance at the intake air connection at a distance of 0 ft						
Type	Speed	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
ComfoAir 550	9	78	78	79	69	70	66	53
ComfoAir 550	8	78	77	77	67	69	65	52
ComfoAir 550	7	75	75	73	66	66	61	48
ComfoAir 550	6	73	72	70	63	63	56	43
ComfoAir 550	5	70	70	66	58	58	51	38
ComfoAir 550	4	67	68	61	53	53	44	32
ComfoAir 550	3	63	65	55	45	44	35	24
ComfoAir 550	2	56	55	47	37	37	25	14
ComfoAir 550	1	45	39	29	26	21	9	12

Sound, extract air

Ventilation unit		Acoustic performance at the extract air connection at a distance of 0 ft						
Type	Speed	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
ComfoAir 550	9	67	66	63	51	49	42	33
ComfoAir 550	8	66	65	64	50	47	41	3
ComfoAir 550	7	63	62	60	48	45	37	27
ComfoAir 550	6	60	60	54	45	41	33	23
ComfoAir 550	5	57	57	50	41	37	28	20
ComfoAir 550	4	52	55	46	36	32	21	18
ComfoAir 550	3	46	51	38	29	25	14	13
ComfoAir 550	2	45	44	33	27	18	8	11
ComfoAir 550	1	40	29	22	20	3	6	13

Sound, unit emission

Ventilation unit		Acoustic performance at the extract air connection at a distance of 0 ft					
Type	Speed	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	db(A)
ComfoAir 550	9	57	56	53	46	44	54
ComfoAir 550	8	56	55	52	45	43	53
ComfoAir 550	7	53	52	50	42	40	50
ComfoAir 550	6	50	49	48	39	36	48
ComfoAir 550	5	47	47	46	34	32	45
ComfoAir 550	4	44	45	39	30	27	41
ComfoAir 550	3	38	41	32	24	21	35
ComfoAir 550	2	37	36	27	20	15	28
ComfoAir 550	1	26	29	20	19	17	25