

ASHRAE 62.2 Table 4.1					
Average Ventilation ft3	Bedrooms				
Floor Area ft2	0-1	2-3	4-5	6-7	>7
<1500	30	45	60	75	90
1501-3000	45	60	75	90	105
3001-4500	60	75	90	105	120
4501-6000	75	90	105	120	135
6001-7500	90	105	120	135	150
>7500	105	120	135	150	165

Fan Model	Fan Capacity	Average Ventilation Required Per Hour per ASHRAE 62.2 Table 4.1							
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1 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE080	80	22.5	33.75	45	56.25	X	X	X	X	System Run Time (Minutes)
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

1 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE110	110	16.4	24.5	32.7	40.9	49.1	57.3	X	X	System Run Time (Minutes)
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

2 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE080	80	11.3	16.9	22.5	28.1	33.8	39.4	45.0	50.6	System Run Time (Minutes)
SSQTXE080	80	11.3	16.9	22.5	28.1	33.8	39.4	45.0	50.6	
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

2 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE080	80	11.3	16.9	22.5	28.1	33.8	39.4	45.0	50.6	System Run Time (Minutes)
SSQTXE110	110	8.2	12.3	16.4	20.5	24.5	28.6	32.7	36.8	
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

2 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE110	110	8.2	12.3	16.4	20.5	24.5	28.6	32.7	36.8	System Run Time (Minutes)
SSQTXE110	110	8.2	12.3	16.4	20.5	24.5	28.6	32.7	36.8	
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

3 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE080	80	7.5	11.3	15.0	18.8	22.5	26.3	30.0	33.8	System Run Time (Minutes)
SSQTXE080	80	7.5	11.3	15.0	18.8	22.5	26.3	30.0	33.8	
SSQTXE080	80	7.5	11.3	15.0	18.8	22.5	26.3	30.0	33.8	
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

3 Fan System		30	45	60	75	90	105	120	135	
SSQTXE080	80	7.5	11.3	15.0	18.8	22.5	26.3	30.0	33.8	System Run Time (Minutes)
SSQTXE080	80	7.5	11.3	15.0	18.8	22.5	26.3	30.0	33.8	
SSQTXE110	110	5.5	8.2	10.9	13.6	16.4	19.1	21.8	24.5	
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

3 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE080	80	7.5	11.3	15.0	18.8	22.5	26.3	30.0	33.8	System Run Time (Minutes)
SSQTXE110	110	5.5	8.2	10.9	13.6	16.4	19.1	21.8	24.5	
SSQTXE110	110	5.5	8.2	10.9	13.6	16.4	19.1	21.8	24.5	
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

3 Fan System		30	45	60	75	90	105	120	135	Required Avg. Ventilation Rate
SSQTXE110	110	5.5	8.2	10.9	13.6	16.4	19.1	21.8	24.5	System Run Time (Minutes)
SSQTXE110	110	5.5	8.2	10.9	13.6	16.4	19.1	21.8	24.5	
SSQTXE110	110	5.5	8.2	10.9	13.6	16.4	19.1	21.8	24.5	
Total ft3 ventilated		1800	2700	3600	4500	5400	6300	7200	8100	

ASHRAE 62.2-2007 Prescriptive Duct Sizing

Duct Diameter (inches)	Flex Duct				Rigid Duct			
	50 CFM	80 CFM	100 CFM	125 CFM	50 CFM	80 CFM	100 CFM	125 CFM
3"	X	X	X	X	5	X	X	X
4"	70	3	X	X	105	35	5	X
5"	NL	70	35	20	NL	135	85	55
6"	NL	NL	125	95	NL	NL	NL	145
7" and above	NL	NL	NL	NL	NL	NL	NL	NL
	X	=	Not Allowed					
	NL	=	No Limit					