ATTIC FAN SIZING

STEP 1:
Determine your attic height by measuring the peak height of your attic from floor to roof.

STEP 2:
Determine your attic square footage by measuring your attic.

NOTE: Garage square footage is not typically included in your home square footage so your attic square footage may be larger due to an attached garage.

Typical Single Car Garage = 250 SQFT

Typical Two Car Garage = 500 SQFT

Typical Three Car Garage = 750 SQFT

STEP 3:
Find your required CFM on the chart.

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ATTIC HEIGHT		1	2	3	4	5	6	7	8	9	10	11	12
CFM/SQFT		0.25	0.5	0.75	1	1.25	1.50	1.75	2	2.25	2.5	2.75	3
ATTIC SQUARE FOOTAGE	500	125	250	375	500	625	750	875	1000	1125	1250	1375	1500
	750	188	375	563	750	938	1125	1313	1500	1688	1875	2063	2250
	1000	250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000
	1250	313	625	938	1250	1563	1875	2188	2500	2813	3125	3438	3750
	1500	375	750	1125	1500	1875	2250	2625	3000	3375	3750	4125	4500
	1750	438	875	1313	1750	2188	2625	3063	3500	3938	4375	4813	5250
	2000	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
	2250	563	1125	1688	2250	2813	3375	3938	4500	5063	5625	6188	6750
	2500	625	1250	1875	2500	3125	3750	4375	5000	5625	6250	6875	7500
	2750	688	1375	2063	2750	3438	4125	4813	5500	6188	6875	7563	8250
	3000	750	1500	2250	3000	3750	4500	5250	6000	6750	7500	8250	9000
	3250	813	1625	2438	3250	4063	4875	5688	6500	7313	8125	8938	9750
	3500	875	1750	2625	3500	4375	5250	6125	7000	7875	8750	9625	10500
	3750	938	1875	2813	3750	4688	5625	6563	7500	8438	9375	10313	11250
	4000	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000
	4250	1063	2125	3188	4250	5313	6375	7438	8500	9563	10625	11688	12750
	4500	1125	2250	3375	4500	5625	6750	7875	9000	10125	11250	12375	13500
	4750	1188	2375	3563	4750	5938	7125	8313	9500	10688	11875	13063	14250
	5000	1250	2500	3750	5000	6250	7500	8750	10000	11250	12500	13750	15000

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3

Attic fan sizing is based on achieving a minimum of 15 air changes per hour (ACH) in the attic. 15 ACH is the minimum recommended sizing for attic fans.