

Spot Ventilation Guidelines



FAN SIZING CHART SPOT VENTILATION	
ROOM VOLUME CUBIC FT	MINIMUM VENTILATION IN CFM
350	50
450	60
550	75
650	90
750	100
850	115
950	127
1050	140
1150	155
1250	167
1350	180
1450	195

Based on ASHREA 62.2 (2010)
 Room volume / 7.5 = CFM
 Fan CFM rating based on .25" wg

To calculate the fan size in CFM for a bathroom to fulfill spot ventilation requirements, divide the room volume by 7.5, and round up to the nearest CFM size available. For example: A bathroom is 10' X 10' X 8' = 800 cu ft. Divide 800 / 7.5 = 106. Round up to next available fan size, 110 CFM. Two fans can be used when more than 120 CFM is required.

