

Calculations Guide for cooling- **Roof Cavities**

Air exchange target = 10 x Total cubic volume (per/hr)

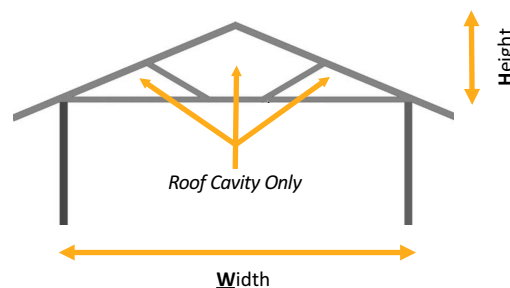
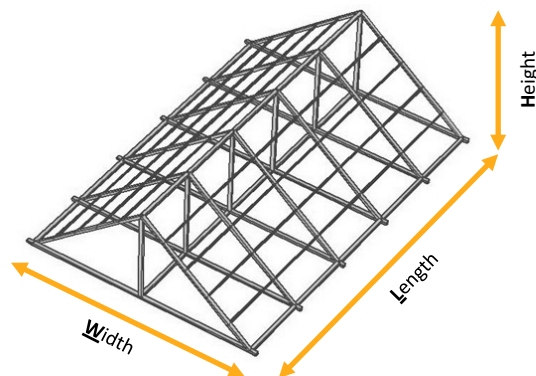
Area to be calculated = Roof cavity only

Formula:

Length of Roof x Width of Roof x 1/2 Height of Roof
 x Air Exchange Target (10) = Total Cubic Volume (of air required to be moved per/hr)

How many Fans required:

Total Cubic Volume / Performance figure of fan model



Calculations Guide for cooling- **Open Workspaces**

Air exchange target = 20 x Total cubic volume (per/hr)

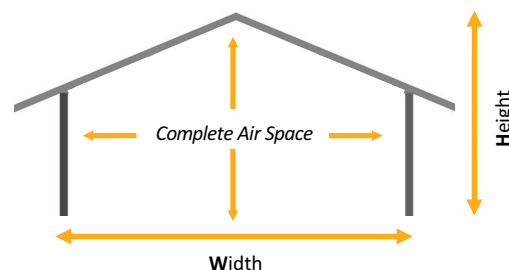
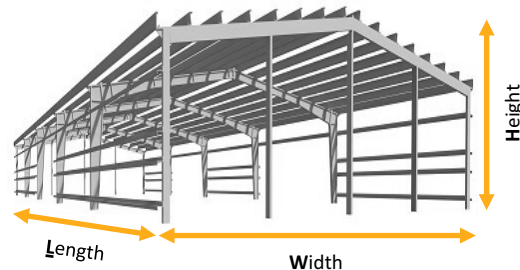
Area to be calculated = Total open space

Formula:

Length of Building x Width of Building x Height of Roof
 x Air Exchange Target (20) = Total Cubic Volume (of air required to be moved per/hr)

How many Fans required:

Total Cubic Volume / Performance figure of fan model



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