



## Mechanical or Forced Ventilation v. Natural Ventilation

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Just about everyone can agree that effective ventilation is essential to maintaining a healthy indoor living environment. But exactly what does this entail? There are quite a few ways to circulate air throughout your home, and each method is appropriate for a specific situation.

### Benefits of Natural Ventilation

Natural ventilation, of course, can be achieved simply by opening a window. But there's actually a lot more to it than that. If you really want to ventilate your home through natural means, then you'll have to learn to take advantage of the differences in pressure in different areas of your home.



## Mechanical or Forced Ventilation Driven by Fans

EU, Egypt

This might be cooled below outside air temperature by the use of refrigerants or by thermal mass such as thermal labyrinths, or by night time purging.

Engineering Mechanic

Effective ventilatio

Passive cooling

9 INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



11 SUSTAINABLE CITIES  
AND COMMUNITIES



13 CLIMATE  
ACTION

