

LOCATING ROOF VENTILATORS

To ensure that the ventilators are correctly positioned, it is important to understand the pattern of the wind as it blows across a building. This understanding, will allow the ventilator to be located in the most ideal position, in order to take full advantage of the prevailing winds.

There are no specific formulas on ventilator locations, however the following points provide a range of recommendations:

1. Attempt to locate the ventilator in a position of undisturbed air flow from all directions. This is not always possible, however, there will be some positions which are better than others.
2. Do not install a ventilator on a low roof adjacent to a vertical wall. This area will experience higher turbulence in most winds. If the lower area must be ventilated, we recommend a fabricated extension stack to get above the high roof.
3. Do not install a ventilator below a parapet. Always elevate the unit to catch the direct wind.
4. Do not install a ventilator on a chimney below ridge height.
5. The ideal location of a ventilator is as far away from the air inlet area as possible. This allows the ventilator to extract air from a wider catchment area.

