

Sustainable Climate Solutions

Reduce your Carbon Footprint

Questions:

- Which is the least effective of the following natural ventilation methodologies in a typical building? cross flow, **single**, stack, underground
- How does night purging improve indoor comfort? by ensuring the building is secure; by providing more mass, by cooling occupants, **by cooling the building**
- What is the optimum level for CO2 ppm in buildings? 150PPM, 4000PPM, 500PPM, **1000PPM**
- What temperature range is shown in ASHRAE STD 55-2004 to be comfortable in a naturally ventilated building? **18-30 Deg C**, 24-26 Deg C , 16-34 Deg C, 20-23 Deg C
- What percentage of reduction in carbon emissions is achieved with natural ventilation? 80%, 25%,12%, **40%**
- What type of bms systems will the WindowMaster NV Comfort System communicate with? KNX, BACNET, Lon, Modbus, **ALL**
- What is usually the optimum square Windcatcher size for a classroom? 700sq, 1200,sq , **900 sq** , 400 sq
- What is thermal destratification? remove cold air, **send warm air down from the roof to the floor**; add warm air, separation of hot and cold air
- How much heating energy can an Air pear save? 5%-15% ,75%-90% , **30%-50%**, 55%-70%