BASIC Breathing zone calculation based on ASHRAE rates –

* A black text on a white background

  Description automatically generated

Select System Type –

1. Single Zone –
   1. Calculate zone outdoor air required.
      1. A black text with a white background

         Description automatically generated
      2. Ex is selected based on the table in 62.1.
   2. Vot is then equal to Voz -
      1. A black text on a white background

         Description automatically generated
2. 100% OA –
   1. Calculate zone outdoor air required for all Zones.
      1. A black text with a white background

         Description automatically generated
      2. Ez is selected based on the table in 62.1.
   2. Vot is then equal to –
      1. A black text on a white background

         Description automatically generated
3. Multizone Systems –
   1. Calculate uncorrected OA –
      1. 
      2. D is given by
      3. A black and white logo

         Description automatically generated
      4. Pz is the default occupancy.
      5. Ps is the system population which could be less than the default occupancy.
   2. Vot is then equal to –
      1. A black text with a white background

         Description automatically generated
      2. Where Ev is –
      3. A math equation with numbers

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   3. Additionally, for Multizone VAV systems –
      1. Calculate zone outdoor air required for all Zones.
      2. A black text with a white background

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      3. Ez is selected based on the table in 62.1.
      4. The minimum primary zone CFM is calculated as follows:
      5. A black text on a white background

         Description automatically generated