HELP REDUCE CO₂ IN YOUR DWELLINGS

CO₂ is a naturally occurring, odourless colourless greenhouse gas. We all know it has an impact on our environment but not everybody realises its effects on human health.

THE SOURCE

There are many sources around the home such as gas burning appliances, carbonated drinks or clothes dryers, however one source that we cannot avoid is our own breath.

- **BREATHING IN**
  - CO₂ Presence
  - 1 PPM In : 100 PPM Out

- **BREATHING OUT**
  - GOING IN = 400 PPM (0.04%)
  - COMING OUT = 40,000 PPM (4%)

NIGHT TIME

Over night while we sleep, our bedrooms can fill with CO₂ causing us to be exposed to the symptoms on the left.

Typical CO₂ Concentration

<table>
<thead>
<tr>
<th>Location</th>
<th>Safe Levels (up to 1000 PPM)</th>
<th>Unsafe Levels (&gt;1000 PPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoors</td>
<td>400 PPM</td>
<td></td>
</tr>
<tr>
<td>City Center</td>
<td>500 PPM</td>
<td></td>
</tr>
<tr>
<td>Office</td>
<td>600 PPM</td>
<td></td>
</tr>
<tr>
<td>Bedroom (Non-ventilated)</td>
<td>2400 PPM</td>
<td>Un-safe Levels -1000 PPM +</td>
</tr>
<tr>
<td>Bedroom (ventilated)</td>
<td>800 PPM</td>
<td></td>
</tr>
</tbody>
</table>

THE SOLUTION

Lo-Carbon Sentinel Multivent/Plus HX CO₂

- Continuous ventilation with CO₂ sensing and control abilities can help to maintain a healthy indoor space
- The Lo-Carbon Sentinel Multivent/Plus HX CO₂ will boost when CO₂ levels reach a 1000 PPM (adjustable) or purge when 1500 PPM is reached to ensure a constant good indoor air environment free from excess CO₂ levels.
- The Home Quality Mark gives credits for ventilation controlled via occupancy

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