A higher level of atmosphere control.

The XtendFRESH™ atmosphere control system offers enhanced functionality to help slow the ripening process by removing ethylene and simultaneously controlling CO₂ and O₂ levels in multiple combinations, enabling the fresh transport of perishables on longer voyages.

It pays to be in control.

XtendFRESH can benefit most respiring cargoes*, such as:

- Apple
- Apricot
- Artichoke
- Asparagus
- Avocado
- Banana
- Bean Snap
- Blackberry
- Blueberry
- Broccoli
- Cantaloupe
- Cherry
- Durian
- Fig
- Grape
- Grapefruit
- Kiwifruit
- Lemon
- Lime
- Lychee
- Mango
- Nectarine
- Olive
- Papaya
- Peach
- Pear
- Pineapple
- Plum
- Pomegranate
- Rambutan
- Raspberry
- Strawberry
- Tomato

* Some cargoes may require additional CO₂ beyond respiration.

Transit life potentials shown above can vary based on postharvest handling practices being followed for various types of cargo. Source: USDA Agriculture Handbook, University of California, Davis, Postharvest Center.

With the ability to freshly and safely transport goods on voyages spanning thousands of miles and more than 40 days, XtendFRESH can expand your business opportunities by allowing you to move a broader range of perishables to new destinations in all corners of the globe.
A Constant Balance

1. Cargo respiration will cause the CO₂ levels inside the container to increase and O₂ to decrease.

2. When CO₂ levels reach the setpoint, XtendFRESH will activate and capture both CO₂ and ethylene in the carbon scrubber.

3. The appropriate levels of CO₂ and O₂ are managed inside the container.

4. Carbon is continuously regenerated to actively scrub the CO₂ when needed.

System Specifications*

<table>
<thead>
<tr>
<th></th>
<th>Cargo Temperatures</th>
<th>Ambient Operational Temperatures</th>
<th>Ambient Storage Temperatures</th>
<th>CO₂ Settings</th>
<th>O₂ Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2 to 16º C</td>
<td>-30 to 50º C</td>
<td>-40 to 70º C</td>
<td>1 to 19%</td>
<td>3 to 21%</td>
</tr>
</tbody>
</table>

*Dependent upon cargo respiration and container leak rate.