FREETHERM
Self-Sufficient controlled refrigeration for long-duration transport
Self-sufficient and controlled refrigeration for long duration transport of refrigerated or frozen products.

**OPERATION**

• The most performing solution for transporting frozen products is without question dry ice but maintaining temperature consistency has always been an issue, due to the very low temperature level of this product (-80°C).
• The Coldway solution is to store dry ice or eutectic plates separately inside the container, in order to keep it away from the transported products. Thanks to its fan cooling system, Inside temperature can be set between -30°C and +8°C with a precision band of +/-2°C

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume (L)</th>
<th>Self Sufficient *</th>
<th>Max Recharge Time</th>
<th>Internal dim (lxdxh) in mm</th>
<th>External dim (lxdxh) in mm</th>
<th>Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR64</td>
<td>64</td>
<td>14 h</td>
<td>6h</td>
<td>430x412x384</td>
<td>700x500x470</td>
<td>7</td>
</tr>
</tbody>
</table>

* average self - containment for + 4°C target with +25°C external temp and 4 eutectic plates GN 1/3 at -17°C

**TECHNICAL FEATURES**

• Controlled refrigeration provided by the fan circulating cooling system and the refrigerant supply (eutectic plates or dry ice).
• Consistent temperature inside the box.
• Transported products are not in contact with the refrigerant.
• Robust and reliable, very low maintenance required.
• Target temperature can be set between -30°C and +8°C.
• Fine tuning regulation of the inside temperature with a band of +/- 3°C, regardless of the ambient temperature.
• Eutectic plates to be used for positive temperature targets only.

**GENERAL FEATURES**

• Body made of high density EPP
• Very sturdy, does not deform
• Shock and scratch-resistant.
• Fragile contents benefit from and ultimate protection.
• Molded all in one piece without glue or welding
• Perfectly break-proof
• Heavy loads easily handled

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