Container Specification

20' 40' Refrigerated Containers
REFRIGERATED CONTAINER (TEMPERATURE-CONTROLLED CONTAINER)
ISO Size Type Code: 22R1, 22R9
SKU Code: CX20RF

- Low CO₂ footprint due to less power-consuming refrigeration technology
- Pre-Trip Inspection (PTI) and maintenance procedure prior to each shipment
- Container built and tested to fulfill or even exceed industrial standards and regulations
- Constant high airflow for perishable products guarantees best temperature maintenance
- Hygienically designed sealing-free container with side lining protecting scuff lining
- Container certified for cold treatment control e.g. meeting requirement of the USDA
- Contemporary insulation factors
- Low tare weight offers advantage of high payload designed container
- Dedicated equipment available for non-foodstuff cargoes
- Container available to maintain temperature control range as low as -40°C up to +30°C
- Container built to maintain temperature in ambient environment up to 50°C
- Multi-temperature setting (MTS) option available
- “On demand” defrosting assists to avoid unnecessary heat supply
- Reefer containers equipped with de-humidification option (including sensor)
- Maximum stowage height indicated by red line inside the container in order to ensure proper air circulation
- ATO-DLO certified by Agrotechnological Research Institute e.g. for flower bulb transportation, bulb mode option available
- All containers are suitable for shore power supply, voltages: 460V / 60Hz or 230V / 60Hz 3 Phase,
- For the technical specification and illustration of electric plug, see page 6
<table>
<thead>
<tr>
<th>Inside dimensions</th>
<th>Door openings</th>
<th>Weights</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td><strong>Width</strong></td>
<td><strong>Height</strong></td>
<td><strong>Max. stow. height (to load line)</strong></td>
</tr>
<tr>
<td><strong>8' 6&quot; high</strong></td>
<td><strong>mm ft</strong></td>
<td><strong>mm ft</strong></td>
<td><strong>mm ft</strong></td>
</tr>
<tr>
<td>5,450 17' 10½&quot;</td>
<td>2,284 7' 5½&quot;</td>
<td>2,267 7' 5¼&quot;</td>
<td>2,184 7' 2&quot;</td>
</tr>
<tr>
<td>5,446 17' 10¾&quot;</td>
<td>2,293 7' 6¼&quot;</td>
<td>2,255 7' 4¾&quot;</td>
<td>2,155 7' 1¾&quot;</td>
</tr>
<tr>
<td>5,454 17' 10¼&quot;</td>
<td>2,290 7' 6½&quot;</td>
<td>2,263 7' 5½&quot;</td>
<td>2,163 7' 1½&quot;</td>
</tr>
<tr>
<td>Non-Foodstuff</td>
<td>5,535 18' 1½&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,316 7' 7½&quot;</td>
<td>2,331 7' 7¾&quot;</td>
<td>2,211 7' 3&quot;</td>
<td>2,316 7' 7½&quot;</td>
</tr>
</tbody>
</table>
REFRIGERATED CONTAINER (TEMPERATURE-CONTROLLED CONTAINER)
ISO Size Type Code: 45R1 High Cube, 45R9  SKU Code: CX40RF

- Low CO₂ footprint due to less power-consuming refrigeration technology
- Pre-Trip Inspection (PTI) and maintenance procedure prior each shipment
- Container built and tested to fulfill or even exceed industrial standards and regulations
- Constant high airflow for perishable products guarantees best temperature maintenance
- Hygienically designed sealing-free container with side lining protecting scuff lining
- Container certified for cold treatment control e.g. meeting requirement of the USDA
- Contemporary insulation factors
- Low tare weight offers advantage of high payload designed container
- Dedicated equipment available for non-foodstuff cargoes
- Container available to maintain temperature control range as low as -40°C up to +30°C
- Container built to maintain temperature in ambient environment up to 50°C
- Multi-temperature setting (MTS) option available
- “On demand” defrosting assists to avoid unnecessary heat supply
- Reefer containers equipped with de-humidification option (including sensor)
- Maximum stowage height indicated by red line inside the container in order to ensure proper air circulation
- Tailor-made atmosphere (TMA) via gas injection (controlled atmosphere technology) available
- ATO-DLO certified by Agrotechnological Research Institute e.g. for flower bulb transportation, bulb mode option available
- All containers are suitable for shore power supply, voltages: 460V / 60Hz or 230V / 60Hz 3 Phase.
- For the technical specification and illustration of electric plug, see page 6
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<th>Weights</th>
<th>Capacity</th>
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<tbody>
<tr>
<td><strong>9’ 6” high</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td><strong>Width</strong></td>
<td><strong>Height</strong></td>
<td><strong>Max. stow. height (to load line)</strong></td>
</tr>
<tr>
<td>mm ft</td>
<td>mm ft</td>
<td>mm ft</td>
<td>mm ft</td>
</tr>
<tr>
<td>11,578 37’ 11¾&quot;</td>
<td>2,280 7’ 5¾&quot;</td>
<td>2,525 8’ 3¾&quot;</td>
<td>2,425 7’ 11½&quot;</td>
</tr>
<tr>
<td>11,599 38’ 1¼&quot;</td>
<td>2,290 7’ 6⅛&quot;</td>
<td>2,545 8’ 4½&quot;</td>
<td>2,420 7’ 11¼&quot;</td>
</tr>
<tr>
<td>11,580 37’ 11¾&quot;</td>
<td>2,290 7’ 6⅛&quot;</td>
<td>2,540 8’ 4&quot;</td>
<td>2,420 7’ 11¼&quot;</td>
</tr>
</tbody>
</table>

| **Non-Foodstuff** |              |         |          |
| **Length**        | **Width**    | **Height** | **Max. stow. height (to load line)** | **Weight** | **Max. gross** | **Tare** | **Max. payload** | **m³** |
| mm ft              | mm ft        | mm ft   | mm ft    | mm ft   | mm ft | kg     | kg      | kg     | ft³  |
| 11,580 37’ 11¾"   | 2,290 7’ 6⅛" | 2,543 8’ 4½" | 2,423 7’ 11½" | 2,294 7’ 6⅛" | 2,550 8’ 4½" | 34,000 | 10,031 | 29,450 | 67.4 |
| 11,590 38’ 1¼"    | 2,294 7’ 6⅛" | 2,594 8’ 1⅝" | 2,474 7’ 6½" | 2,290 7’ 6⅛" | 2,569 8’ 5⅜" | 34,000 | 10,273 | 29,340 | 67.9 |

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CHANGE OF TEMPERATURE SETPOINT ON REFRIGERATED CONTAINERS

Carrier

1. Press the ↑ or ↓ key to change the setpoint (the left display will blink).

2. Press the ENTER key at the desired setting to confirm and exit the selection menu.
- Refrigerated containers are equipped with 460 V/60 Hz (32 A) plug
- There are fixed cables with a length of up to 18 m (49 ft)
- Couplings for adapters are available
- **Adapters are subject to corresponding safety regulations**

460 V plugs:
- 4 poles according to CEE
- According to ISO 1496-2 annex M
- **Earth contact in 3 o'clock position according to socket**

230 V plugs (requires transformer):
- 4 poles according to CEE
- According to ISO 1496-2 annex M
- **Earth contact in 3 o'clock position according to socket**