



**MCI BOX**

**Engineered to last**

## Product sheet



Best insulation



Damage resistance

Higher re-sale value

Less down-time - higher utilisation

M&R costs kept to a minimum

Superior cargo protection

| Dimensions                  | 20'  |          |              | 40'HC  |          |              |
|-----------------------------|--|----------|--------------|--|----------|--------------|
|                             | External   | Internal | Door opening | External   | Internal | Door opening |
| Length (mm)                 | 6,058  | 5,451    | -            | 12,192   | 11,585   | -            |
| Width (mm)                  | 2,438  | 2,290    | 2,290        | 2,438  | 2,290    | 2,290        |
| Height (mm)                 | 2,591  | 2,263    | 2,252        | 2,896  | 2,545    | 2,557        |
| Cargo access height         | -  | -        | 2,228        | -  | -        | 2,510        |
| Internal cubic capacity     | 28.3 m <sup>3</sup>  |          |              | 67.5 m <sup>3</sup>  |          |              |
| Max gross weight            | 30,480 kg (67,200 lbs)   |          |              | 34,000 kg (74,960 lbs)*  |          |              |
| Tare weight                 | incl. Star Cool (390 kg) 2,890 kg (6,370 lbs)<br>Integrated Star Cool 2,840 kg (6,260 lbs) |          |              | incl. Star Cool (390 kg) 4,490 kg (9,900 lbs)<br>Integrated Star Cool 4,420 kg (9,740 lbs) |          |              |
| Max. payload                | 27,600 kg (60,940 lbs)   |          |              | 29,510 kg (65,220 lbs)   |          |              |
| Stacking test load          | 102,375 kg (225,690 lbs)   |          |              | 102,375 kg (225,690 lbs)   |          |              |
| Heat leakage, U-value (U10) | 24 W/K (21 kcal/hr. deg.C max.)<br>Integrated SC 23 W/K (20 kcal/hr. deg.C max.)           |          |              | 43 W/K (37 kcal/hr. deg.C max.)<br>Integrated SC 42 W/K (36 kcal/hr. deg. C max.)          |          |              |
| Air leakage                 | 3.0 m <sup>3</sup> /h (at 25.4 mm H <sub>2</sub> O)  |          |              | 3.0 m <sup>3</sup> /h (at 25.4 mm H <sub>2</sub> O)  |          |              |

\*MGW specs up to 38,500 kg available

| Cladding | 20'             |                       | 40'HC           |                         |
|----------|-----------------|-----------------------|-----------------|-------------------------|
|          | External        | Internal              | External        | Internal                |
| Side     | MGSS 1.0/1.2 mm | HGSS 0.7 mm           | MGSS 0.8/1.2 mm | HGSS 0.7 mm             |
| Roof     | MGSS 0.8 mm     | PP white AL 0.8 mm    | MGSS 0.8 mm     | PP white AL 0.8 mm      |
| Base     | MGSS 0.8 mm     | 40 mm high AL T-floor | MGSS 0.8 mm     | 63.5 mm high AL T-floor |
| Door     | MGSS 1.6 mm     | HGSS 0.7 mm           | MGSS 1.6 mm     | HGSS 0.7 mm             |

| Frames             | 20'                                      |          | 40'HC                                    |          |
|--------------------|--|----------|--|----------|
|                    | External                                 | Internal | External                                 | Internal |
| Front corner posts | Outer corten 6.0 mm; Inner corten 2.0 mm |          | Outer corten 6.0 mm; Inner corten 2.0 mm |          |
| Rear corner posts  | Outer corten 6.0 mm; Inner corten 8.0 mm |          | Outer corten 6.0 mm; Inner corten 8.0 mm |          |
| End rails          | Corten 4.0 mm                            |          | Corten 4.0 mm                            |          |
| Side top rail      | Corten 4.0 mm                            |          | Corten 4.0 mm                            |          |
| Side bottom rail   | Corten 4.0/3.0 mm                        |          | Corten 4.0/3.0 mm                        |          |

## Options

- Integrated reefer design
- Q Liner® thermoplastic lining
- Ultra light box design
- Reinforcements for high utilization

