

TEXTAINER REEFERS

Built to the highest specification and design requirements, Textainer's 20ft and 40ft reefers offer optimal payload capacity, maximum cargo space and energy efficient machines. Working closely with selected reefer manufacturers Textainer has incorporated design features that ensure our reefers are manufactured with the latest energy efficient technology to reduce on-board running costs while meeting environmental concerns.

We operate a rigorous quality assurance program covering every aspect of the container manufacturing process ensuring the quality built into our containers results in increased reliability and reduced operating and maintenance costs.

MACHINERY

Textainer reefers are supplied with the latest energy efficient machinery from Carrier Transicold, Thermo King, Daikin and Star Cool. Machinery can be fitted with a combination of standard and optional features as outlined below:

Standard Features

Full 5 year warranty
Power/back-up rechargeable battery
Dehumidification control
USDA cold treatment
Power Savings Software
Varnish (E coat) coated evap coils
Refrigerant R134A/R404A
Scroll or Reciprocating Compressors

Optional Features

Dual voltage
Remote monitoring unit (RMU)
Remote (4 pin) monitoring plug
Water cooled condenser (WCC)
Transfresh port provision
Auto vents

CONTAINER

Features

Higher payload – 35 ton MGW (40ft containers)
Corten Frames with Hot Zinc Spray Galvanizing (HSG).
Recessed corrugated stainless steel (MGSS) under-floor with additional internal reinforcements and 5 load transfer members (on 40ft containers)
Stainless steel (MGSS) outer cladding

Benefits

More cargo carrying capacity
Higher corrosion resistance, less maintenance, better appearance
More clearance between sub floor and ground. No damage to crossmembers, lighter weight and less corrosion. Extend life of container and minimized repairs
Less corrosion, better appearance, less maintenance

Features

High grade stainless steel (HGSS) interior linings

Extruded Aluminum Scuff Liner

Recessed air barffle into front wall

Provisioned for tectrol track

Thicker end side panels, additional side posts and additional Corten steel omega reinforcements

Recessed area (cut cuts) on front and rear sills

Reinforced roof plates at corner posts

High grade paint system with 5 year warranty

Automated drain plugs

Additional certifications: ATO/sprenger institute, USDA compliant, ATP certified and taint test Taint Test (BS 3755)

Benefits

High impact resistance, corrosion and chemical resistance

Provides additional rigidity to side wall and protection from loading damages

Increased air flow due to smooth transition, less prone to damage

Ready for installation of optional tectrol track

Provide additional strength and minimize delamination

Eliminate damages to end sills from frequent chassis operation damages

Minimize damages from handling equipment to roof and headers

Urethane/acrylic paint throughout the exterior of the container. No bituminous undercoat used

Less prone to damage

Full certification to accommodate all types of cargos

SPECIFICATIONS FOR REEFERS

The below stated dimensions and ratings are representative of Textainer's "typical" specifications. Individual container dimensions, ratings and specification details can be found by visiting our Equipment Status page.

| Ratings | 20' Standard Reefers | 40' High Cube Reefers |
|----------------------------|-------------------------------------|-------------------------------------|
| Maximum Gross Weight | 30,480 kg (67,200 lb.) | 35,000 kg (77,160 lb.) |
| <u>Tare Weights:</u> | | |
| excluding reefer unit | 2,600 kg (5,732 lb.) | 4,180 kg (9,220 lb.) |
| with Carrier Prime Line | 3,030 kg (6,680 lb.) | 4,600 kg (10,140 lb.) |
| with Carrier Thin Line | 3,130 kg (6,900 lb.) | 4,710 kg (10,380 lb.) |
| with Daikin | 3,060 kg (6,750 lb.) | 4,640 kg (10,230 lb.) |
| with ThermoKing Magnum | 3,010 kg (6,640 lb.) | 4,600 kg (10,140 lb.) |
| <u>Max. Payloads:</u> | | |
| with Carrier Prime Line | 27,450 kg (60,520 lb.) | 30,400 kg (67,020 lb.) |
| with Carrier Thin Line | 27,350 kg (60,296 lb.) | 30,290 kg (66,780 lb.) |
| with Daikin | 27,420 kg (60,450 lb.) | 30,360 kg (66,930 lb.) |
| with ThermoKing Magnum | 27,470 kg (60,560 lb.) | 30,400 kg (67,020 lb.) |
| Internal Cubic Capacity | 28.4 cu.m (1,005 cu.ft) | 67.9 cu.m (2,400 cu.ft) |
| Stacking Test Load | 102,375 kgs/post (225,690 lbs/post) | 102,375 kgs/post (225,690 lbs/post) |
| Heat Leakage, U-Value | Max. 22 kcal/h°C | Max. 35 kcal/h°C |
| Air Leakage | 3.5m/h(at 25.4 mm H ₂ O) | 3.5m/h(at 25.4 mm H ₂ O) |
| External Dimensions | | |
| Length | 6,058 mm (19'-10 1/2") | 12,192 mm (40'-0") |
| Width | 2,438 mm (8'-0") | 2,438 mm (8'-0") |
| Height | 2,591 mm (8'-6 0/10") | 2,896 mm (9'-6 0/10") |
| Internal Dimensions | | |
| Length | 5,456 mm (17'-10 13/16") | 11,590 mm (38'-0 5/16") |
| Width | 2,290 mm (7'-6 3/16") | 2,290 mm (7'-6 3/16") |
| Height | 2,276 mm (7'-5 11/16") | 2,557 mm (8'-4 11/16") |
| Door Opening | | |
| Width | 2,290 mm (7'-6 3/16") | 2,290 mm (7'-6 3/16") |
| Height | 2,264 mm (7'-5 1/8") | 2,569 mm (8'-5 3/16") |
| Cargo Access Height | 2,224 mm (7'-3 9/16") | 2,506 mm (8'-2 11/16") |

Ratings**20' Standard Reefers****40' High Cube Reefers****External Cladding**

| | | |
|------|-----------------|-----------------|
| Side | MGSS 1.0/1.2 mm | MGSS 1.0/1.2 mm |
| Roof | MGSS 0.8 mm | MGSS 0.8 mm |
| Base | MGSS 1.2 mm | MGSS 1.0 mm |
| Door | MGSS 1.6 mm | MGSS 1.6 mm |

Internal Cladding

| | | |
|------|------------------------|--------------------------|
| Side | HGSS 0.7 mm | HGSS 0.7 mm |
| Roof | P.P white Al. 0.8 mm | P.P white Al. 0.8 mm |
| Base | 40 mm high Al. T-floor | 63.5 mm high Al. T-floor |
| Door | HGSS 0.7 mm | HGSS 0.7 mm |

Frames

| | | |
|--------------------|---|---|
| Front Corner Posts | Outer: Corten 6.0 mm; Inner Corten 3.0 mm | Outer: Corten 6.0 mm; Inner Corten 3.0 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 mm | Corten 4.0 mm |