



## C-STORE G 20



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- The sustainable solution, using low GWP refrigerants in the highly efficient CFF unit by Thermo King
- Advanced temperature management control system for extremely precise temperature control over the whole operating range (-30°C to +45°C):
  - +/- 0.25°C in chilled mode and
  - +/- 1°C in frozen mode.
- Fast pull-down: Superior cooling capacity allows to reach specific set-points faster and increase the storage life of your shipments
- Available in size 20 ft



## Sustainability without compromise

Based on Thermo King CFF reefer unit, the Trane C-STORE G is the perfect choice for demanding applications in a wide temperature range from -30°C to +45°C setpoint, reachable at any ambient conditions up to +50°C.

Ideal for frozen cargo, Trane C-STORE G20 is the most secure choice for chilled and fresh products, with the CFF unit design setting new references in terms of low power consumption.

## Smart pti: automated performance audits

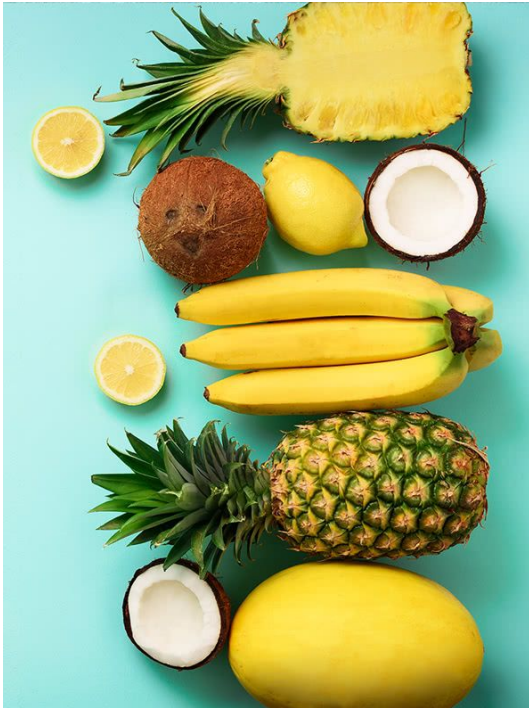
Trane C-STORE G is equipped with the intelligent MP-4000 controller. The controller constantly monitors the unit health and analyses current performance compared to expected values.

Smart Pre-Trip Inspection is an additional feature that runs trend analysis of the unit health over time, even when the cold store container is loaded with products.

With this feature enabled, you do not need to empty the container and make complete PTI, which saves you time and money.

A smiley face will display with a tick sign to indicate that everything is in order. The data logger saves the values and you can download results on your convenience.

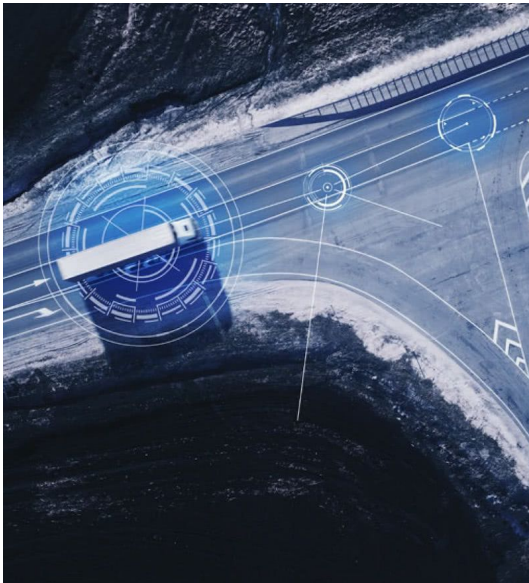




### **Advanced fresh air management**

AFAM+ protects fresh produce from detrimental atmospheric conditions or until market price is attractive. Just indicate your desired CO<sub>2</sub> level and the fresh air exchange rate using our AFAM guide, and set these in the MP-4000 controller. AFAM+ will ensure the specified fresh air rates are maintained. Air vent logging (AVL) will also document the actual air exchange in the data logger.

If you want to charge the container with a gas to "put fresh products asleep" for a while, enter the corresponding settings in MP4000 with AFAM+, and simply delay first fresh air exchange.



### **Seamless connectivity**

MP-4000 controller is compatible with a wide range of telematics solutions for both one-way and two-way communication. This is the ideal solution to monitor reefer units from remote, to change set-points or retrieve a datalog file. Serial connection to other systems or data transfer via API are also available.

## Technical Specifications

### ISO 6346 type

R22B/R12RB

### Operational environment

The container is designed and manufactured for the carriage of deep frozen products at ambient temperature from +50°C to -30°C without effect on the strength of the structure.

A CFF refrigeration unit of a "one piece picture frame type" fitted to the front end frame. The container is designed with a refrigeration unit to maintain the inside space temperature at +45°C to -30°C

### Standard and regulations

The containers comply with following authorized standards and regulations: ABS, Bureau Veritas, Lloyds Register, ISO/TC-104, ISO1496-2, ISO-668, TIR, CSC. They are built to be capable of being handled without permanent deformation on following basis: Lifting, loaded or empty, at top corner fittings vertically by means of spreaders fitted with hooks, shackles or twist-locks. Lifting, loaded or empty, at bottom corner fittings using slings with terminal fittings at any angle between vertical and 45° to the horizontal.

### Air (Q) and Heat (U) Leakages

The air leakage is less than 6 m<sup>3</sup>/hr when the inside pressure of the container is 250 Pa.

The total heat loss of the container is 30 W/K at mean insulation wall temperature of 20°C.

### Insulation material

Cyclo Pentane blown rigid polyurethane foam; Flammability SE class (Self-extinguishing). In foamed sandwich panels where acrylic adhesive is coated on the inner surface of aluminum panels and stainless steel inner linings.

### Door access

Double door CSS special using locking rods w/quick entry. Width 2,290 mm \* 2,264 mm . Cargo access height: 2,256 mm

### Floor

The floor is composed of corrugated sub-floor and floor flat with reversed T-shaped floor-board with insulation of polyurethane. The corrugated sub-floor is welded to the lower bottom side rails.

Four (4) drain holes are provided at the front and rear end of the container. The float valve in the drain cover adjusts water in and out automatically. Floor Flat Reversed T-shaped extruded aluminum, flat surface is 30 mm high.

### Configuration

Internal light. Power on/off outside container.

Unit off button with timer relay (8 min from stop to start).

Curtain.

Man-trap alarm button. Audio using buzzer + Visual with red flashing lamp.

## Optional

Door ramp 1,100 mm (43.3") wide

<b>Refrigerant</b>	R134a/R513A
<b>Minimum setpoint</b>	-30°C
<b>Maximum setpoint</b>	+45°C
<b>Power supply</b>	32A 3-phase 400V 50Hz
<b>Controller</b>	mp4000
<b>Fresh air vent</b>	Yes

## Improve Operations

Technology is continuously evolving and Trane Engineering is ahead of the curve in bringing innovation into product development. Our sustainable solutions deliver enhancements to the Trane installed base to make your chillers and heat pumps even "better than before". That's Trane Building Advantage - TBA.

## Trane Rental Services

Cooling and heating are services, not products. A process or a building does not need a chiller or a boiler sitting on a roof, but a reliable and efficiency supply of cold or hot water, cold or warm air. This is the essence of what we do at Trane Rental Services. Let us take care of it for you.



**Read more <https://trane.eu/rental>**

Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.



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