

CONTAINER SPECIFICATION



20 ' 40' REFRIGERATED CONTAINERS

- 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 fulfil 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

REFRIGERATED CONTAINER

(TEMPERATURE-CONTROLLED CONTAINER)

ISO Size Type Code: 22R1, 22R9



20'FT CONTAINER

REFRIGERATED CONTAINER

(TEMPERATURE-CONTROLLED CONTAINER)

ISO Size Type Code: 22R1, 22R9

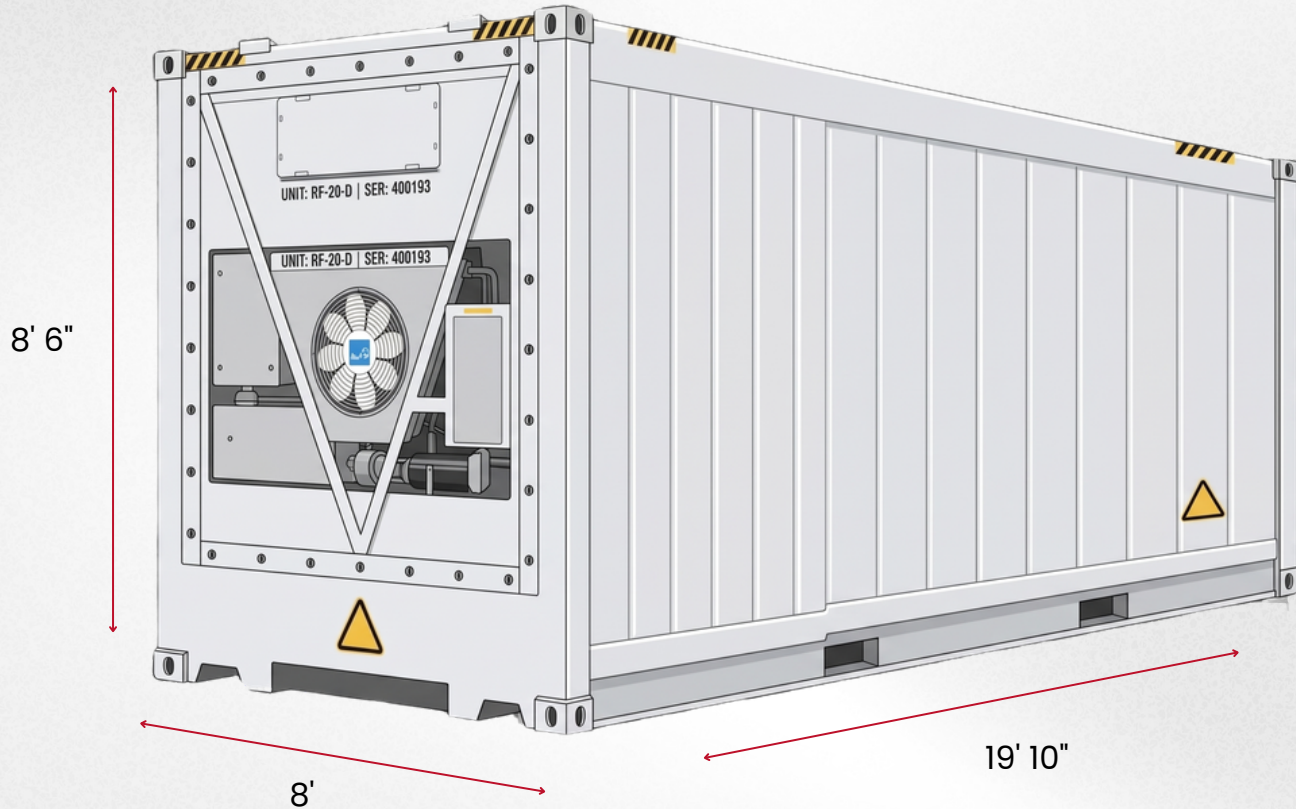


20'FT CONTAINER

- 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 I 60Hz or 230V / 60Hz 3 Phase.

REFRIGERATED CONTAINER

20 FT EXTERNAL DIMENSION



REFRIGERATED CONTAINER

TEMPERATURE-CONTROLLED CONTAINER

Container Type	Inside Dimensions				Door Openings		Weights			Capacity
	Length	Width	Height	Max.stow. height (to load line)	Width	Height	Max Gross	Tare	Max Payload	
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m³ ft³
8'6" high	5,450 17' 10½"	2,284 7' 5¾"	2,267 7' 5¼"	2,184 7' 2"	2,290 7' 6¾"	2,264 7' 5⅝"	30,480 67,196	2,905 6,404	27,575 60,792	28.2 996
		2,280 7' 5¼"	2,259 7' 4⅝"	2,159 7' 1"			32,000 70,547	2,860 6,305	29,140 64,242	28.1 1,006
	5,446 17' 10⅝"	2,293 7' 6¼"	2,253 7' 4¼"	2,155 7' ⅞"			30,480 67,196	2,920 6,437	27,560 60,759	28.2 996
	5,454 17' 10¼"	2,290 7' 6¾"	2,263 7' 5⅝"	2,163 7' 1⅝"		2,252 7' 4⅝"	31,400 69,220	2,770 6,110	28,630 63,118	28.2 996
Non-Foodstuff	5,535 18' 1½"	2,316 7' 7⅞"	2,331 7' 7¼"	2,211 7' 3"	2,316 7' 7½"	2,290 7' 6¾"	30,480 67,196	3,300 6,680	27,450 60,515	29.9 1,056
		2,284 7' 5⅝"	2,270 7' 5⅝"	2,150 7' ⅜"	2,290 7' 6¾"	2,264 7' 5⅝"	30,480 67,196	2,900 6,393	27,580 60,803	28.7 1,014

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REFRIGERATED CONTAINER

TEMPERATURE-CONTROLLED CONTAINER

- 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

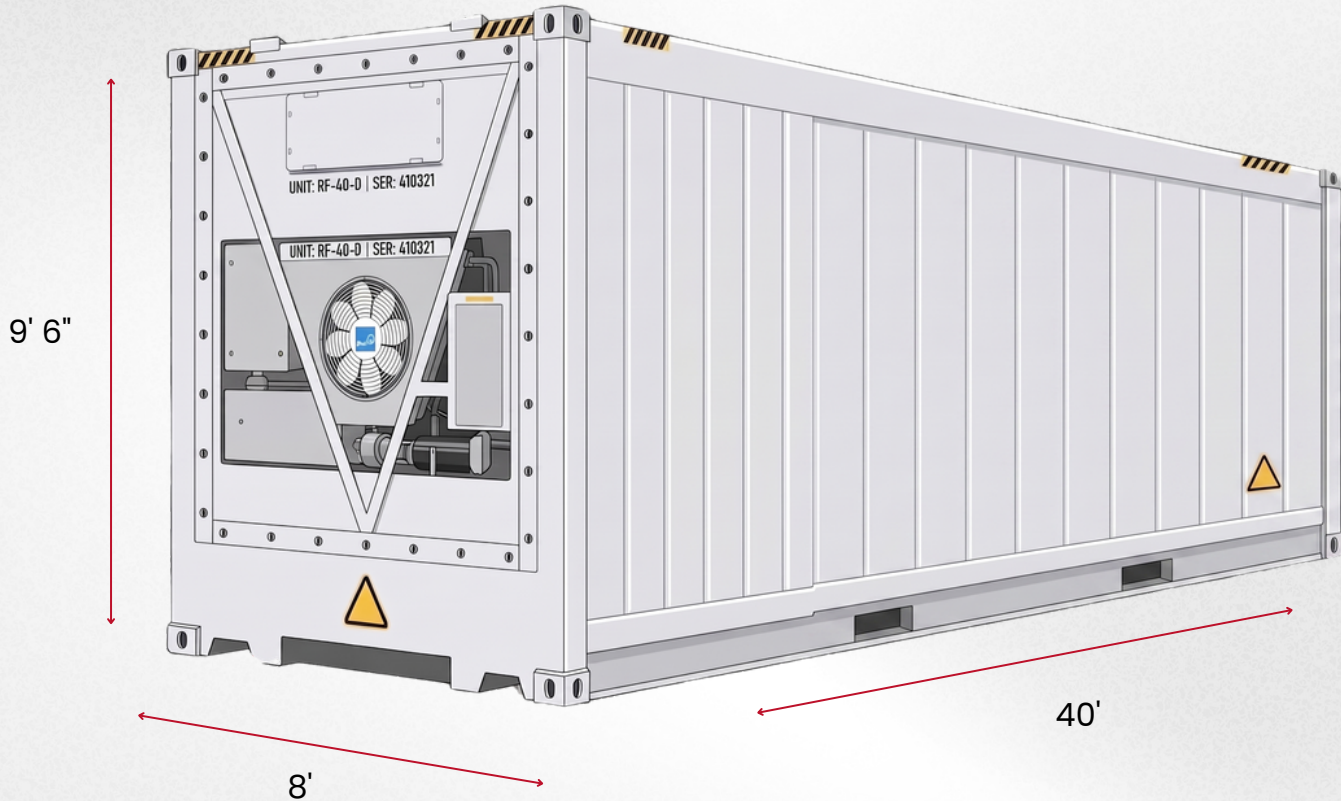
- Tailor-made atmosphere (TMA) via gas injection (controlled atmosphere technology) available
- ATO-DLO certified by Agrotechnological Research Institute e.g. for flower bulb transportation, bulb mode option available
- All containers are suitable for shore power supply, voltages: 460V / 60Hz or 230V / 60Hz 3 Phase.
- For the technical specification and illustration of electric plug, see page 6



40'FT CONTAINER

REFRIGERATED CONTAINER

40 FT EXTERNAL DIMENSION



REFRIGERATED CONTAINER

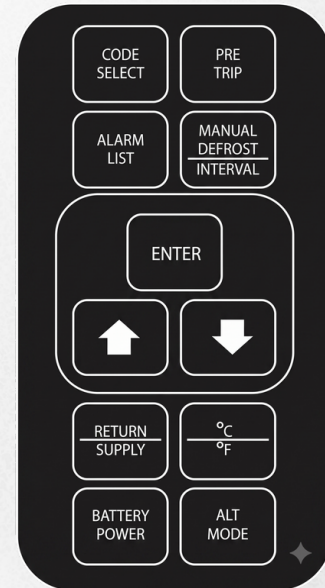
TEMPERATURE-CONTROLLED CONTAINER

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	Length	Width	Height	Max.stow. height (to load line)	Width	Height	Max Gross	Tare	Max Payload	
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m³ ft³
9' 6" high	11,578 37' 11¼"	2,280 7' 5¼"	2,525 8' 3⅝"	2,425 7' 11½"	2,276 7' 5⅝"	2,535 8' 3¾"	34,000 74,957	4,300 9,480	29,700 65,477	66.7 2,356
		2,280 7' 5¼"	2,545 8' 4⅞"	2,159 7' 1"	2,290 7' 6⅝"	2,557 8' 4⅞"	34,000 74,956	4,420 9,744	29,580 65,212	67.6 2,380
	11,580 37' 11⅞"	2,290 7' 6⅞"	2,540 8' 4"	2,420 7' 11¼"		2,569 8' 5⅞"	34,000 74,957	4,450 9,810	29,550 45,146	67.3 2,380
	11,580 37' 11⅞"	2,290 7' 6⅞"	2,543 8' 4⅞"	2,423 7' 11⅞"	2,252 7' 4⅜"	2,550 8' 4⅜"	34,000 74,956	4,550 10,031	29,450 64,925	67.4 2,380
Non-Foodstuff	11,580 37' 11⅞"	2,290 7' 6⅞"	2,543 8' 4⅞"	2,423 7' 11⅞"	2,294 7' 6¼"	2,550 8' 4⅜"	34,000 74,956	4,550 10,031	29,450 64,925	67.4 2,380
	11,590 38' ¼"	2,294 7' 6¼"	2,594 8' 6⅞"	2,474 8' 1⅜"	2,290 7' 6⅞"	2,569 8' 5⅞"	34,000 74,956	4,660 10,273	29,340 64,683	67.9 2,398

REFRIGERATED CONTAINER

CHANGE OF TEMPERATURE SETPOINT ON REFRIGERATED CONTAINERS

1. Press the  or  key to change the setpoint (the left display will blink).
2. Press the  key at the desired setting to confirm and exit the selection menu.



REFRIGERATED CONTAINER

ELECTRIC PLUG ON REFRIGERATED CONTAINERS



Refrigerated containers run on electricity and, when onboard a container ship or being stored at a depot, they need to be plugged into 3-phase power (32 amperes and 380/440 volts) using a specialized plug.

Note: Some refrigerated containers come with a 3-phase transformer that allows the unit to run at 208/230 volts.

All units can run at 50 or 60 Hz.

Refrigerated container plugs and sockets are designed with watertight seals and built to handle harsh marine environments.

REFRIGERATED CONTAINER

ELECTRIC PLUG ON REFRIGERATED CONTAINERS

- 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 GEE
- 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 GEE
- According to ISO 1496-2 annex M
- **Earth contact in 3 o'clock position according to socket**

