



Ocean Container Specifications

STANDARD (DRY)

Type	Inside Length	Inside Width	Inside Height	Door Width (Opening)	Door Height (Opening)	Cubic Capacity	Tare Weight	Maximum Payload
20' Standard	19'4"	7'7"	7'10"	7'8"	7'6"	1,172 cft	5,071 lbs	55,126 lbs
	5.900 m	2.350 m	2.393 m	2.340 m	2.292 m	33.2 cbm	2,300 kg	25,000 kg
40' Standard	39'5"	7'7"	7'10"	7'8"	7'6"	2,389 cft	8,268.8 lbs	61,200 lbs
	12.032 m	2.350 m	2.395 m	2.340 m	2.292 m	67.7 cbm	3,750 kg	27,600 kg
40' High Cube	39'5"	7'7"	8'9"	7'8"	8'5"	2,697 cft	8,687 lbs	62,974.8 lbs
	12.032 m	2.350 m	2.700 m	2.340 m	2.580 m	76.4 cbm	3,940 kg	28,560 kg
45' High Cube	44'5"	7'7"	8'9"	7'8"	8'5"	3,035 cft	10,628 lbs	61,431 lbs
	13.556 m	2.350 m	2.700 m	2.340 m	2.580 m	86 cbm	4,820 kg	27,860 kg

REEFER

Type	Inside Length	Inside Width	Inside Height	Door Width (Opening)	Door Height (Opening)	Cubic Capacity	Tare Weight	Maximum Payload
20' Reefer	17'8"	7'5"	7'5"	7'5"	7'3"	1,000 cft	7,040 lbs	45,760 lbs
	5.425 m	2.275 m	2.260 m	2.258 m	2.216 m	28.3 cbm	3,200 kg	20,800 kg
40' Reefer	37'8"	7'5"	7'2"	7'5"	7'0"	2,040 cft	10,780 lbs	56,276 lbs
	11.493 m	2.270 m	2.197 m	2.282 m	2.155 m	57.8 cbm	4,900 kg	25,580 kg
40' H.C.Reefer	37'11"	7'6"	8'2"	7'6"	8'0"	2,344 cft	9,900 lbs	57,561 lbs
	11.557 m	2.294 m	2.500 m	2.294 m	2.440 m	66.6 cbm	4,500 kg	25,980 kg

OPEN TOP

Type	Inside Length	Inside Width	Inside Height	Door Width (Opening)	Door Height (Opening)	Cubic Capacity	Tare Weight	Maximum Payload
20' Open Top	19'4"	7'8"	7'8"	7'6"	7'2"	1,155 cft	5,512 lbs	66,138 lbs
	5.895 m	2.350 m	2.354 m	2.286 m	2.184 m	32.7 cbm	2,500 kg	30,000 kg
40' Open Top	39'5"	7'7"	7'8"	7'8"	7'5"	2,345 cft	8,488 lbs	58,650 lbs
	12.030 m	2.350 m	2.38 m	2.34 m	2.29 m	66.4 cbm	3,850 kg	26,630 kg

FLAT RACK

Type	Inside Length	Inside Width	Inside Height	Door Width (Opening)	Door Height (Opening)	Cubic Capacity	Tare Weight	Maximum Payload
20' Flat Rack	19'5"	7'7"	7'7"	-	-	1,154.3 cft	5,231 lbs	66,459 lbs
	5.940 m	2.350 m	2.350 m	-	-	32.7 cbm	2,360 kg	30,140 kg
40' Flat Rack	39'8"	7'9"	7'	-	-	2,195.7 cft	11,025 lbs	88,200 lbs
	12.130 m	2.400 m	2.140 m	-	-	62.2 cbm	5,000 kg	40,000 kg

Types of Containers:

End loading, Fully Enclosed

The basic intermodal container with end doors, suitable for general cargo not requiring environmental control while enroute.

Side Loading, Fully Enclosed

Equipped with side doors for use in stowing and discharge of cargo where it is not practical to use end doors, as when the container must remain on a railcar while cargo is placed in or removed from the container.

Open Top

Used for carriage of heavy, bulky or awkward items where loading or discharge of the cargo through end or side doors is not practical. Most open top containers are equipped with fabric covers and are often termed "soft" or "rag" top containers. Some open top versions are fitted with removable hatch type panel covers or detachable full metal roof.

Ventilated

Equipped with ventilating ports on ends or sides, and used for heat generating cargo or cargo requiring protection from condensation (sweat) damage. Versions with powered air-circulating fans are available. Vents are normally fitted with baffles to prevent entry of sea or rain water.

Insulated

For cargo that should not be exposed to rapid or sudden temperature changes. Available in ventilated or non-ventilated versions. Some carriers provide container with heating systems for special applications.

Refrigerated

Insulated and equipped with a built-in refrigeration system, powered by direct electrical connection or by diesel or gasoline generator. It is used primarily for foods or other commodities requiring a temperature controlled environment.

Liquid Bulk

Tank-type containers for carriage of liquids. Some have been designed to high level specifications for carriage of certain hazardous materials.

Dry Bulk

Designed for carriage of bulk cargo such as dry chemicals and grains.

Flat Rack

Available in a variety of sizes and models, the flat racks are used for lumber, mill products, large, heavy bulky items, machinery and vehicles. Some are equipped with removable sides.

Auto

Used for carriage of vehicles and available in enclosed or open versions.

Livestock

Configured for the nature of livestock carrier; containers are available for transporting poultry, cattle and other livestock.

Sea Shed

Experimental open-top container developed by MARAD and the U.S. Navy. This cargo handling system is designed to adapt containers-ships to the carriage of heavy, outsized equipment (notably military). The "work-through" floor construction (floor section opened by a self-contained winch) can reduce unloading time and pier side storage space since they need not be removed at destination.

High - Cube

These containers are used for high volume/low weight cargo and can greatly increase the cubic area available for cargo stowage. high cube containers are in heights to 9.5 feet and to lengths of a maximum of 48 feet.

Garment

With special tie downs and internal ceiling fittings, this container can handle hanging garments.