

# CONTAINER ISO 1C QUARTER CONTAINER



Thanks to its equipment and interior layout the **ISO 1C QUARTER-CONTAINER** (hereinafter referred to as 'the container') is fully suitable to accommodate 4 men in field conditions.

The container manufacturer allows for the optional layout of interior equipment and accessories in connection with various container applications such as commanding and expert activities, workplaces for various levels of commanders, writing service, offices with varying equipment, hygienic isolation of individuals, various applications in medical services and in a field hospital, in detached workplaces, control workplaces, etc.

QUARTER ISO 1C CONTAINER is manufactured according to technical specification KAR-BOX 044-01. Container is introduced into Czech Army operation. Catalogue property No.: 01108081440007.

## Transportation of container

Czech Ministry of Transportation issued a Technical suitability certificate for this exchangeable superstructure No. N-1285. On railway, container is transported as "CONTAINER". During waterway transportation it is transported as "CONTAINER".

## Stacking of Container

The producer allows to stock up to 4 fully loaded containers on each other. The containers must be safely secured under ČSN ISO 3874.

## Container handling

Container is handled in compliance with regulation ČSN ISO 3874. Container can be handled in the following ways:

- on container side mover on TATRA T-815 26 OR 81 36 255 - 8x8.2 as well as the on VOLVO FI 12-8 x 4 with handling system KLAUS
- on container carrier TATRA T-815 26 OR 81 36 255 - 8x8.2 equipped with MULTILIFT MK-IV hook lift with an adapter
- on container carrier TATRA T-815 26 OR 81 36 255 - 8x8.2 equipped with transport platform FLATRACK 20 "M"
- on side forklifts

## CSC label

Container is labelled with CSC label according to regulation ČSN ISO 6346 based on authorization TZ-0639/04 issued by Czech Industrial and Naval Register in Prague.

This container is manufactured in compliance with technical regulations regarding the production of ISO 1C containers according to ČSN ISO 668, ČSN ISO 1161 and based on container production certificate issued by ČLPR Prague. Containers can withstand forces generated during road, railroad, waterway transport according to ČSN ISO 1496-1.

The inside area and the roof of container are lined by isolating sandwich panels (thickness of 40 mm), that are made from polyurethane foam ELASTOPOR SH 226/003. The panels are Al-plate-coated; the thickness of the Al-plate is 0,8 mm.

The container floor is made of isothermal plywood panels with non-slippery PVC ALTRO finish. The thickness of floor panels is 50 mm.

The entrance into the container is through a rear single-wing door with a window and a jalousie.

The front wall is finished with a window that can be opened and tilted. It is provided with an inside jalousie, an outside protective foil and a mosquito screen.

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The rear right and left parts are fitted with two boxes with input sources and with doors that facilitate connection to power supply as well as the interconnection of two other containers, including earthing equipment.

The interior of the container is partitioned in two separated rooms:

**The entrance room** - 4 pieces of wardrobe to store the



outfits of the accommodated people. The inside of the wardrobe doors is fitted with a mirror and ventilation openings. Then there is a box for container accessories and cleaning agents and aids. There is also an electric switchboard, an el. convector (500 W) and

a fire extinguisher. The room is lit.

**The dwelling room** is separated from the entrance room by a partition wall with a curtain and is furnished with 2 bunk beds, 4 bedside tables, a two-rack shelf, one writing desk, one folding table, a radio/TV shelf, and two chairs. The dwelling room is air-conditioned, ventilated, lit, and heated with a convector.

### Container dimensions - Outside

Length	6 058 mm
Width	2 438 mm
Height	2 438 mm

### Container dimensions - Inside

Length	min. 5 770 mm
Width	min. 2 150 mm
Height	min. 2 100 mm

**Tare** 4 118 ± 5% kg

**Maximum gross mass** 12 000 kg

### Operational Climatic Conditions

The container is serviceable in macroclimatic zones with climate N 14 (ČSN 03206) at:

- a temperature ranging from -30°C to +52°C
- a relative air humidity of up to 90% at a temperature of +30°C
- an air flow speed of up to 20 m/s in all wind directions
- a rainfall of 3 mm at an angle of incidence of 30° in all directions

### Air conditioner technical specifications

Cooling capacity	2 300 W
Electric input	1 300 W
Heating capacity	1 650 W
Air conditioner unit weight	36 kg
Type of filling	R-404a

### Maintenance service and repairs of containers

Manufacturer ensures all repairs under guarantee, repairs, container inspections and container's electrical installation inspections.