

# CONTAINER ISO 1C SANITARY CONTAINER



Thanks to its equipment and layout the **ISO 1C SANITARY CONTAINER** (hereinafter referred to as 'the container') is designed to satisfy the basic hygienic needs of individual people when operating in the field.

**ISO 1C SANITARY CONTAINER** is manufactured with various interior facilities and equipment layout. As per customer's request, the interior facilities and equipment can be adjusted for only men use, for only women use, for men and women mixed use. Sanitary container can be only toilets, showers, only washbasins, etc.

SANITARY ISO 1C CONTAINER is manufactured according to technical specification KAR-BOX 043-01. Container is introduced into Czech Army operation. Catalogue property No.: 0118008160005.

## 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:

- a) 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
- b) on container carrier TATRA T-815 26 OR 81 36 255 - 8x8.2 equipped with MULTILIFT MK-IV hook lift with an adapter
- c) on container carrier TATRA T-815 26 OR 81 36 255 - 8x8.2 equipped with transport platform FLATRACK 20 "M"
- d) on side forklifts

## CSC label

Container is labelled with CSC label according to regulation ČSN ISO 6346 based on authorization TZ-0641/04 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 jacket and the roof area of the container are filled with insulation sandwich panels (thickness of 40 mm) of ELASTOPOR SH 226/003 polyurethane foam. The panels are Al-plate coated; the thickness of Al-plate with a special surface finish is 0.8 mm.

The container floor is made from isothermal plywood panels with non-slippery polyurethane resin finish. The thickness of floor panels is 50 mm.

THE ENTRANCE PART contains the main water seal, el. control panel with circuit breakers. A 200 l water boiler is fastened in a stand. The water boiler feeds water to shower stands. There is a wooden box for the storage of sanitation aids and container accessories.

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The container can be used only in combination with the ISO 1CX catchment container and only if the sanitary container waste outlets are connected to the outlets of the ISO 1CX catchment container.

Connection to water supply - a box on the right side with a 3" closure for the connection of a hose coming from a water source (ISO 1C DRINKING WATER RESERVOIR CONTAINER).

Power supply connection - 400/230 V 50 Hz power supply is to be connected to the input power box, specifically to the 32 A/415 V/5 forks connector. Installed power input: 5.6 kW.

The container is entered through a single-wing door on the side in the middle of the container. On the left there is an entrance door to the BATHROOM section and on the right there is a door leading to the TOILETS.



BATHROOM - on the right side there are two shower stands with a sliding door. The area between the two shower stands provides enough room for storing one's outfit, clothes hooks, and a bench. Four washbasins with mixer taps are attached to one board. Each mixer tap is connected to a flow heater. Above the basins there are four mirrors, two 230 V sockets, 5 towel hooks, a shelf for

personal hygienic items and a fluorescent tube lamp. A 2 kW electrical convector (under the window), and a sensor-controlled ventilator.

TOILETS - The right side of the WC-room offers three urinals with a manual flushing system. On the left, there are 2 independent WC 'combi' cabins, air-conditioning, a 2 kW electrical convector (under the window), and a sensor-controlled ventilator.

### Container dimensions - Outside

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

Tare	4 314 ± 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

### Maintenance service and repairs of containers

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