

THE WATER TREATMENT PLANT UV - 10 K

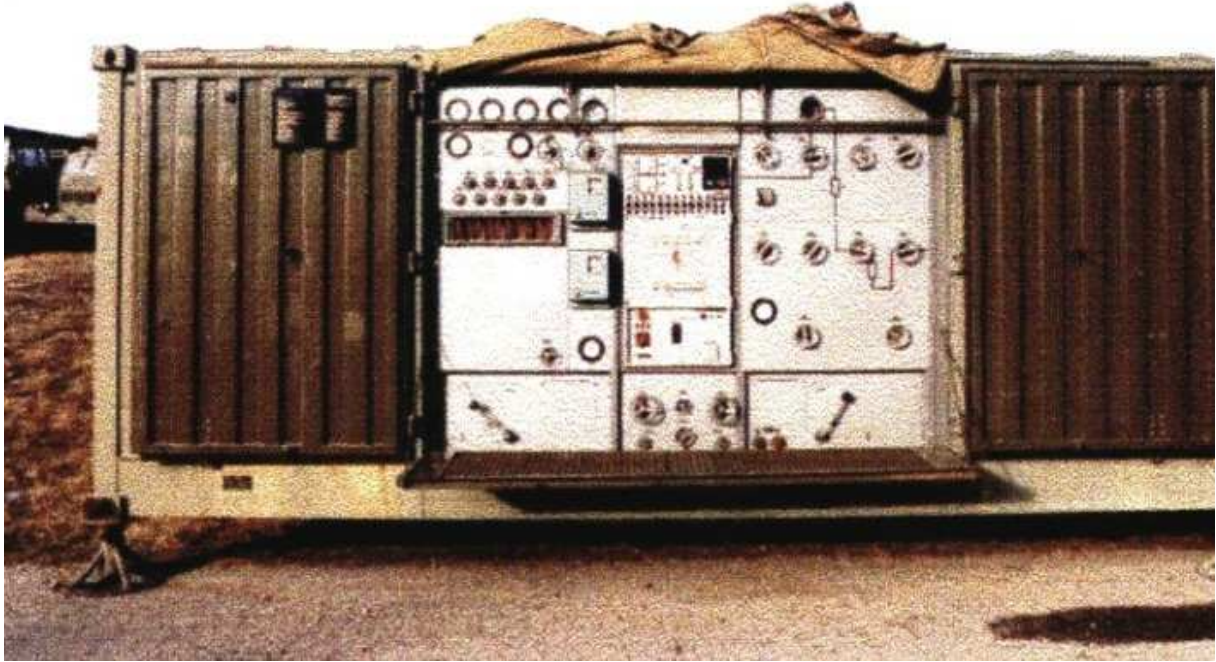
The water treatment plant UV - 10 K is determined for treatment of polluted surface water to potable water.

(It can be also used for treatment of contaminated water, infested with poisonous matter inclusive of biological toxic matter and microbes).

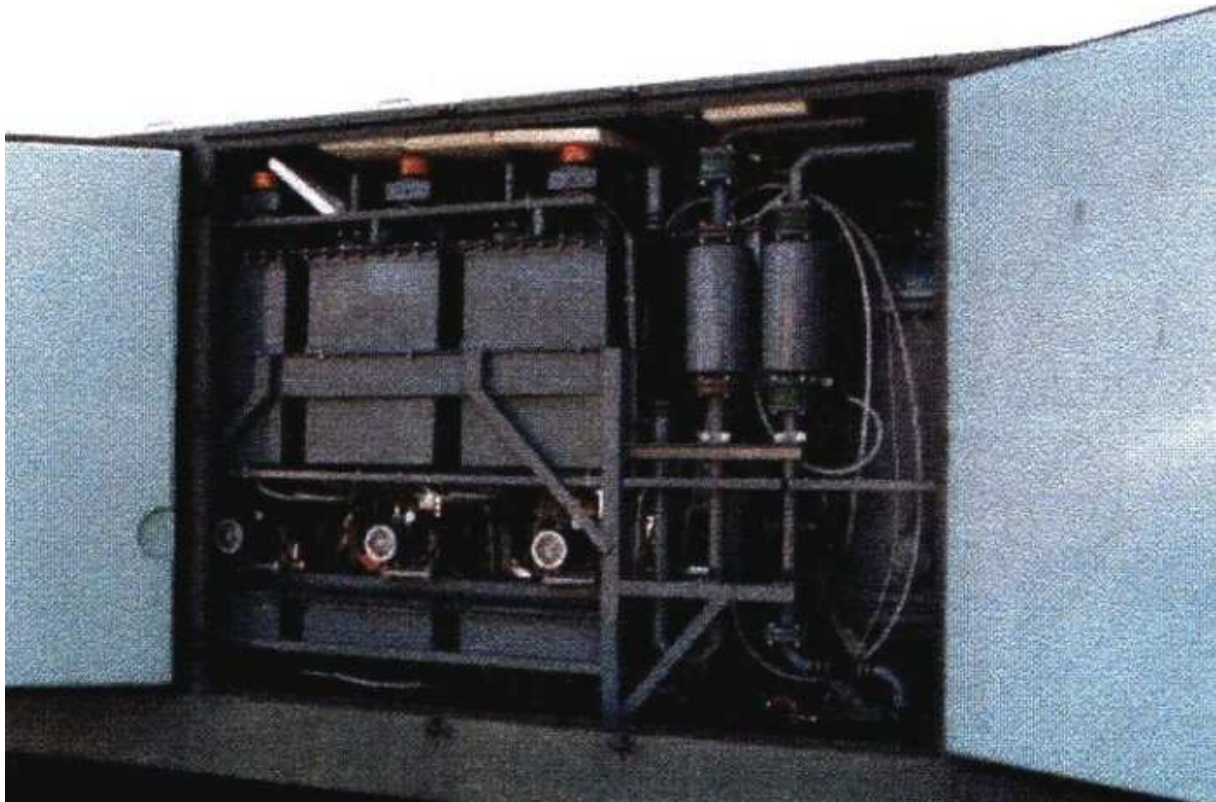


Specified output $10\text{m}^3/\text{hour}$
Minimum day output 200 m^2

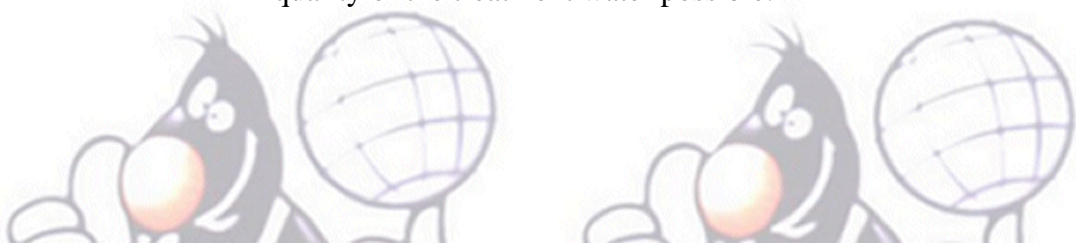
OPERATIONAL SET „A“



OPERATIONAL SET „B“



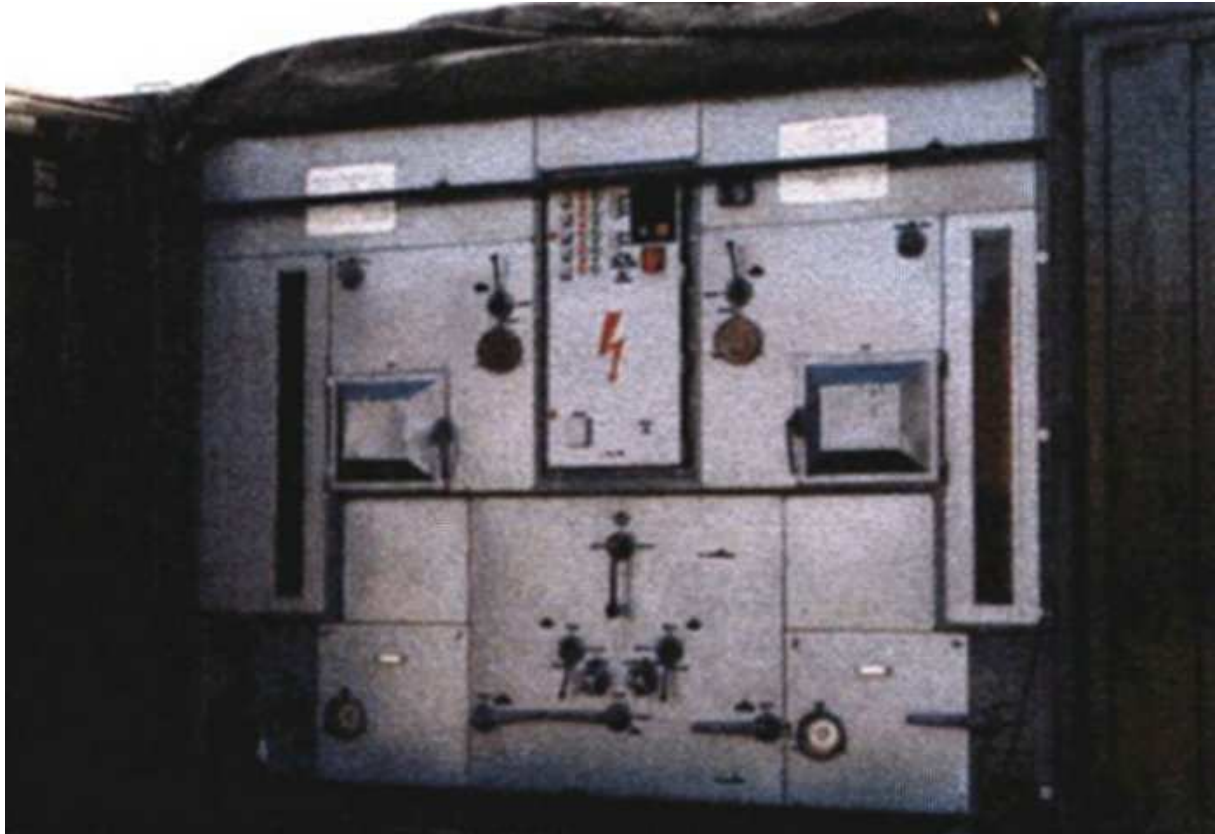
The operational set B includes the operational laboratory, which render the examination of the quality of the treatment water possible.



The water treatment plant UV - 10 K consists of sets of technological equipment, accessories and operational stuff, which are divided into the set „A“, the set „B“, and the set „C“. The operation of the water treatment plant can be connected to electricity or there can be used a reserve source (ČSAD 60-3).

The technological equipment UV - 10 K is placed in isolated containers which allow to manipulate with them by the expedient that we use for manipulation with ISO containers.

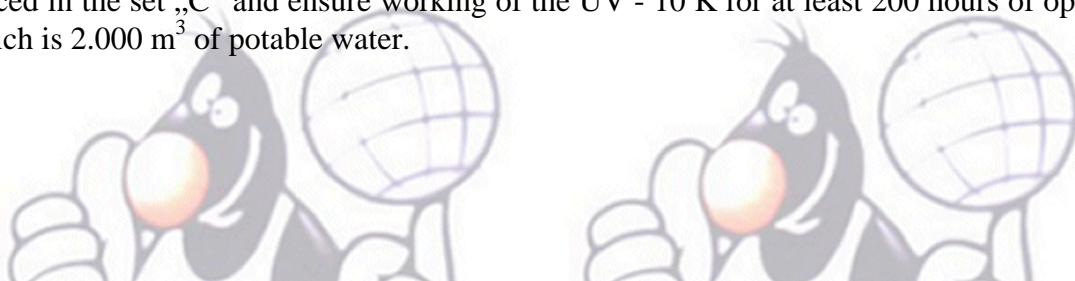
OPERATIONAL SET „A“



OTHER TECHNICAL DATA

Supply of operational stuff	minimum 200 hours
Water temperature	from -1 °C to 30 °C
Air temperature	from - 25 °C to 50 °C
The size of the container se A and B	6058x2438x2438 mm
The transfer speed on road	60 km/ hour
Weight of set A	max. 13.000 kg
Weight of set B	max. 12.000 kg
Weight of set C	max. 7.540 kg

The operational stuff of consumption character is places in the steel palettes. These are placed in the set „C“ and ensure working of the UV - 10 K for at least 200 hours of operation which is 2.000 m³ of potable water.



THE GENERATOR ČSAD-GO-3-40

The generator is determined for production of electrical power for the water retirement plant. It must ensure the lighting and the operation in the whole extent (59kW).

Specified electric output	74 kVA
Specified I	108 A
Specified V	231/400 V
Engine	T 928-62
Specified speed	1500 min.
Fuel	Petroleum
Tank volume	170 liters
Consumption of fuel at specified output (1/hour) size	20 litres
length	3.470 mm
width	2.000 mm
height	2.200 mm

THE TECHNICAL DATA OF UV-10 K

Specified output	10m ³ /hour
Minimum day output (two working cycles in 24 hours)	200m ³ /day
Time needed from arrival of the plant to a determined place till receiving of the first liter of potable water	max. 120 min.
Time needed for preparing the plant for other transfer	max. 45 min.
Time needed for regeneration of one/filling of the filters	max. 240 min.
Supplies of the operational stuff (16 palettes)	min. 100 min.
Water temperature	from 1 °C to 30 °C
Air temperature	from -25 °C to 50 °C

Weight:

The water treatment plant in use	max. 56.670 kg
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set „A“	max. 13.000 kg
set „B“	max. 12.000 kg
set „C“	max. 7.540 kg
Container trailer HK 34.28.24	max. 5.600 kg
Trailer LIAZ 110.571	max. 6.700 kg
Generator KM 60 ČSAD 60-3-400	3.600 kg

The main size:

Containers of the set „A“ or „B“	max. 6058 x 2400 x 2430 mm
Container trailer	12440 x 2450 x 1350 mm
Trailer	5450 x 2500 x 2010 mm
The whole camion	15205 x 2500 x 3650 mm
Generator	3470 x 2000 x 2220 mm
Speed of transfer on road	max 60 km/hour