



**Krampitz**  
TANKSYSTEM  
GMBH

## KRP-600

Automatic fuel cleaning and care unit for day tanks and small storage tanks with a volume of up to 5.000 liters



# Equipment of the KRP-600



KRP-600

Because of the microbial contamination of storage depots in warm regions of the world and in indoor plants, combustion motors of machines, generators and planes are constantly being damaged. The complementation of microbes, high temperatures and condensed water within the fuel, increases the rapid growth of microbes on the bottom of the tank, which render the entire fuel useless in very little time.

Krampitz Tanksystem GmbH has developed a unit against the diesel pest, that is disinfecting the fuel by physical means and only keeps the filtered condensate (in the condensation tank) low on germs by a chemical disinfectant! The microbiology is the same in small and big tanks. Also small storage tanks need a ventilation unit that absorbs or disinfects dust with microbes, humidity and insects. In order to keep the air outside clean from dust, humidity and microbes as well, we developed a tank breathing system and integrated it into the KRP.

## **Diesel pest? Not with the KRP-600!**

- The KRP-600 is circulating the fuel in short time intervals.
- The KRP-600 is cleaning the fuel from dirt particles.
- The KRP-600 is filtering water parts out of the fuel.
- The KRP-600 is killing micro organisms in the fuel.
- The KRP-600 also keeps the entering air free of germs.

**The KRP-600 improves the long term stability of the fuel.**



Day tank TTE-990



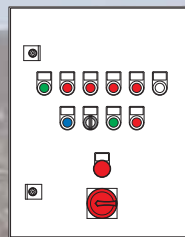
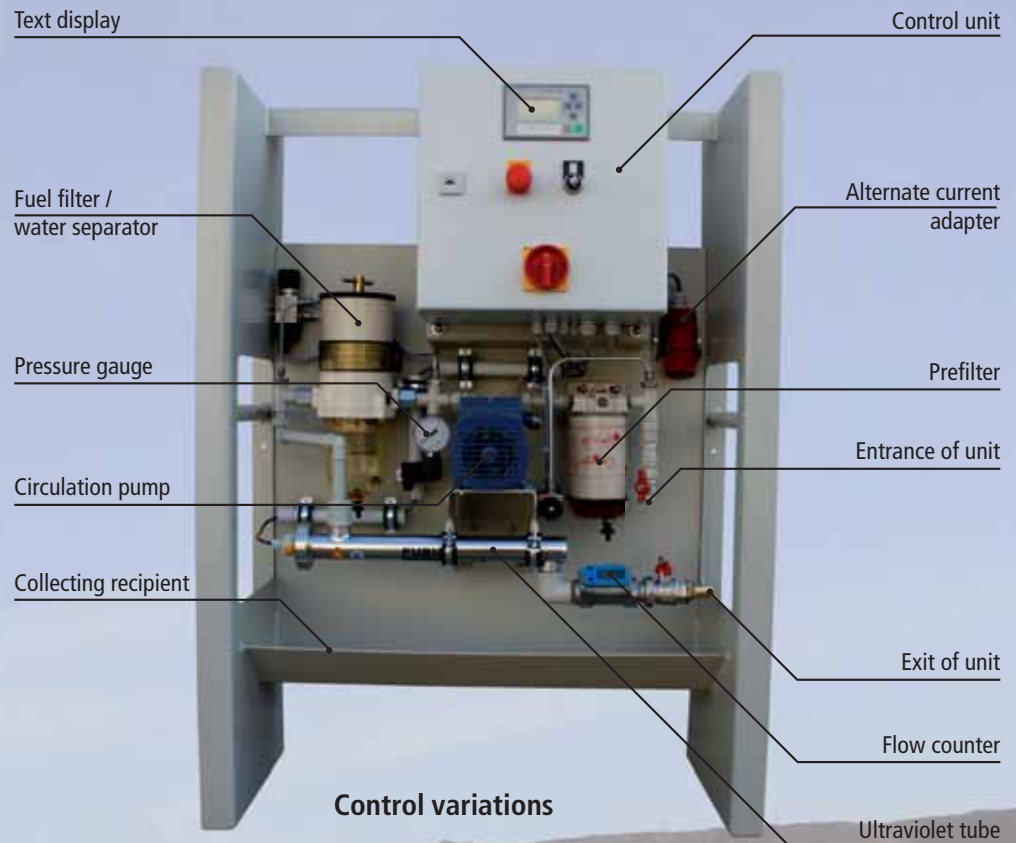
Storage tank KTD-4000



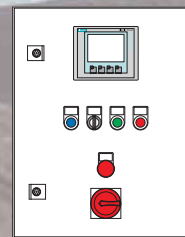
# For tanks between 100 and 5.000 liters

The automatic fuel cleaning and care unit KRP-600 helps to separate water, sediments and microbes in order to achieve an equally good quality in stored liquids like diesel e.g.

The automatic fuel cleaning and care unit is conceived in a way that it is cleaning a 4 m<sup>3</sup> tank in 8 hours with the planned flow of 600 liters/hour. Because of the current inside the tank the entire content is being treated guaranteed within 24 hours.



„Easy“ - without SPS



„Expert“ - with SPS  
(Control system Siemens Simatic S7 1200)

**Attention:** When mounting the KRP-600 in existing tanks, it is mandatory to clean or disinfect tanks already contaminated by diesel pest before installing the KRP-600. Colonies of diesel pest within the old tank can hinder and disrupt disinfection of the tank by the cleaning unit. Installing it into new tanks and pipes will basically eliminate any disruption.

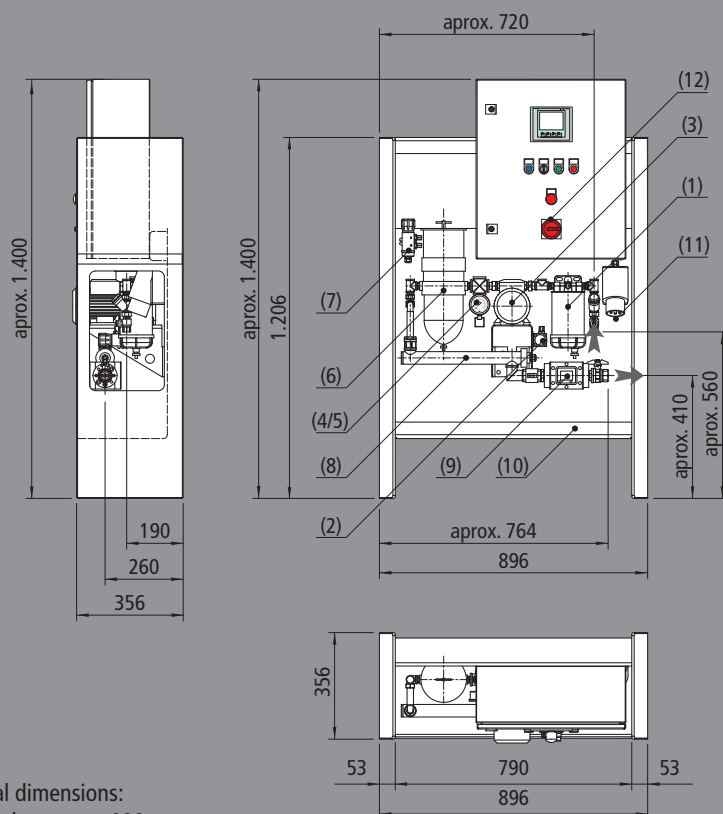
For disinfection medium and application sequence, please check the data sheet!

Technical changes reserved!

## Principle characteristics:

- Filter-/ water separator with finer separation results from water and sediments in the fuel as comparative diesel standard filters
- UV unit with triple security – treatment length of UV tubes is 3 times as long as necessary
- manually filtered condensed water out of filter-/ water separator
- High end fuel circulating unit, industrial gear pump, suitable for constant functioning, extremely robust, high end German product
- automatic alert when filter is obstructed on control panel
- Text display with indication of operational state and interruption notification
- Automatic tank ventilation for germ- and humid free air exchange

# Technical data

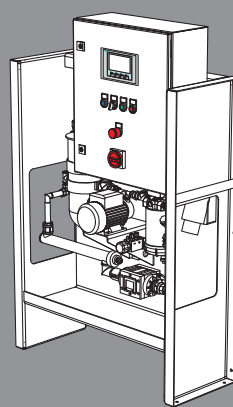


Total dimensions:  
length: aprox. 900 mm  
width: aprox. 360 mm,  
height: aprox. 1.400 mm  
weight: aprox. 68 kg

Electrical tension: 400 V/AC, fuse 16 A

## Advantages:

- a) Compact unit
- b) Surrounding protective body to incorporate control, pump, sensors and fittings
- c) Big collecting recipient inside the body to collect even small amounts of fuel when opening the unit
- d) Handles anchored on both sides of the body for easy transport into the machine room
- e) Drilled connection in body for wall or ground fastening



- (1) - Prefilter (fuel filter)
- (2) - Pressure difference unit
- (3) - Gear pump
- (4) - Security pressure unit
- (5) - Pressure gauge
- (6) - Fuel filter / water separator
- (7) - Pressure difference unit
- (8) - UV-treatment tube
- (9) - Counter / electronic liter counter
- (10) - Body / collecting recipient
- (11) - Alternate current adapter
- (12) - Control

Type	Cleaning performance of flow	Fineness of the filter prefilter / separator	Connection cleaning circle	Performance	Tension	Current
KRP-600	aprox. 10 liters/minute	30 µm / 2 µm	NW 15 (1/2")	aprox. 0,55 kW	Y 400 / Δ 230 V	1,9 / 3,3 A

Technical changes reserved!

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