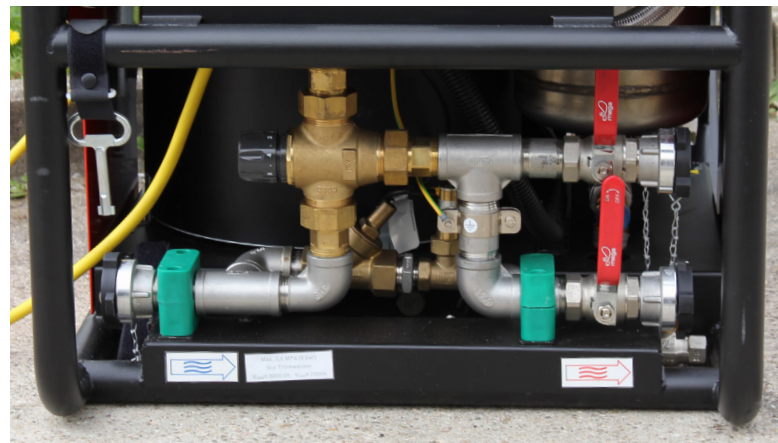


HWM 100

Compact flow heater for heating drinking water in the field



Benefits

- Compact design and portable by 4 people
- Short set up and take down time and simple operation
- Highly efficient diesel burner
- Very low variation in temperature at the shower heads

General description

The Hot Water Module HWM 100 is a mobile and compact flow heater for the emergency supply during natural disasters, accidents or other missions that require a mobility of the hot water generating component. The unit heats up an amount of up to 3.000 liters of water according to drinking water regulations to a temperature manually to be regulated. This function can be utilized e.g. for emergency showers for decontamination operations. Drinking water quality will be generated using the principle of thermal disinfection which does not require any chemicals. The only thing necessary to run the unit is a low power energy supply for starting and venting the module. The HWM 100 can be transported using the wheels integrated into the frame as well as the 4 carrying handles. Due to the low weight of about 160 kg and the compact design it can be carried without difficulties and shipped on vehicles as well as by sea or air transport. Premium quality components and an innovative design enable the user to disinfect all parts that are in contact with water according to German drinking water regulations TrinkwV 2001 without having to use any chemicals.

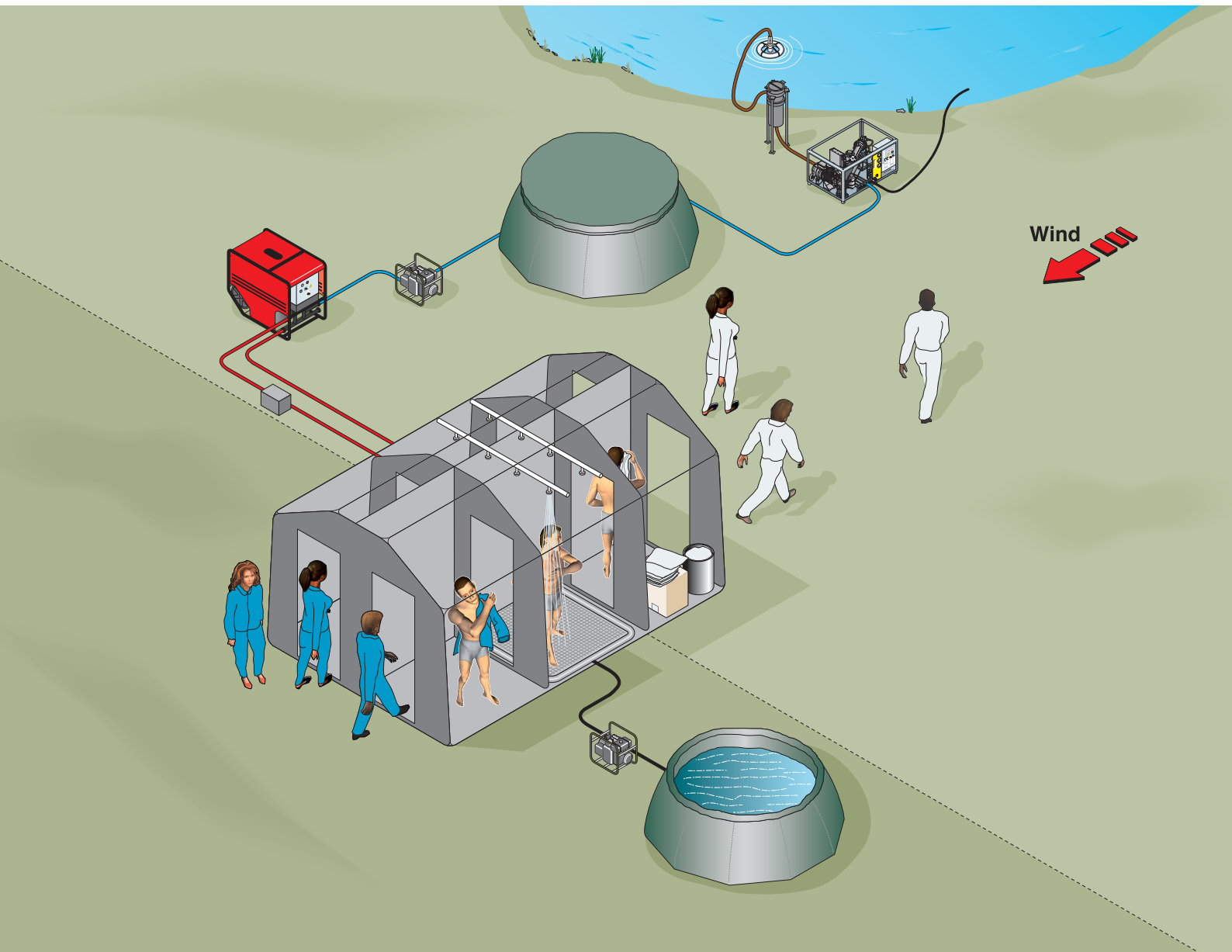
Technical data

Dimensions (L x W x H)	mm	approx. 960 x 600 x 800
Total weight	kg	approx. 160
Water throughput	l/h	700 to 3.000
Heating performance	kW	100
Water connection	Bar	4 - 6
Heating kettle		Stainless steel
Fuel		Diesel, kerosine, fuel oil
Temperature range		- 30°C till +30°C

FUTURETECH

Kärcher Group

Example - Decontamination of persons



General description

This is a showering system intended for the decontamination of persons in the area of civil protection and military concerns. It consists of three separate modules which are designed as undressing, shower and dressing tent. The shower area has two shower sections (main treatment and post treatment). The shower area is equipped with a tub that collects and drains the

shower water. The hot water module HWM 100 ensures the provision of warm water to the showering heads. The HWM 100 is capable of handling two to six showers. It is used in scenarios of disasters, accidents, and missions that require a mobility of a hot water generating component.