

CBRN DECONTAMINATION

MAVA 1000 LIGHT DECONTAMINATION SYSTEM



Usage situations of MAVA 1000 light decontamination system

- Decontamination of walking and non walking persons in CBRN situations and accidents
- Decontamination of patients contaminated by CBRN attacks.
- Personnel decontamination related to preventing the spread of biological diseases and infectious.
- Cleaning of personnel and animals involved in the oil spill.
- Decontamination of first responders participating in situations mentioned above.
- Field hygiene (washing and cooling) of personnel participating in long-term (e.g. forest fires and international assignments).

Technical Features

Space requirement	Min 15 x 8 m
Weight	500 kg
Water consumption	50 l/min 4 bar pressure
Operating pressure	4-8 bar
Operating temperature	-25C°...+40C°
Materials	Aluminum , stainless steel , brass , PVC
Nozzles	7 nozzles and handshower
Others	Includes stretcher patients line

The light Personal Decontamination System MAVA 1000 consists of two MAVA350 shower lines, undressing and dressing tents, clean and waste water systems and a heating system (water and tents). The system enables simultaneous decontamination of walking and stretcher patients. The requirements set by genders, religions and different operating cultures have been taken into account in the decontamination lines

TECHNICAL SPESIFICATIONS MAVA 1000	
WATER HEATER Hotbox 200	
L x W x H cm	62,5 x 66 x 96,5 cm
Weight	80 kg
Max Diesel fuel consumption	7,8 l/h
Water supply capacity	70 l/min
Temperature	range 20 C° - 70 C° optimal max 30 C°
Power requirement	230 V
WASTE WATER COLLECTING BAGS	
L x W x H cm (fullfilled)	70 x 85 x 86 cm
Capacity	500 l/ pc
Weight (empty)	3 kg
SHOWER SYSTEMS	
Water pressure	range 3 – 8 bar optimal 4 – 5 bar
Water consumption , 1 person (walking)	36 l/ person
Water consumption , 1 strecher patient (handshowers 2 pc total consumption)	16 l/ person
Decontamination capacity (2 lines for walking persons)	60 person/ h
ELECTRICITY	
Electrical system , heating (air, water)	230 V
Electrical system , tents (pump , lights)	12 V
External power supply	230 V 50 Hz or 400 V 50 Hz
AIR HEATER Talhu Climat 50	
L x W x H	146 x 65 x 1001 cm
Weight	132 kg
Heating capacity	50 kW
Max. Diesel fuel consumption	5,4 l/ h
Heated air supply capacity	3000 m ³ / h
Fuse	10 A
INFLATABLE TENTS TAG 29L 2 pc	
Length	5,15 m
Width	5,60 m
Height	2,80 m
Weight	90 kg
Surface area	29 m ²