

EDEM PERSONNEL IN TENT

MASSIVE DECONTAMINATION STATION

CBRN DECONTAMINATION
SOLUTIONS

NATO STOCK NUMBER: 4230-33-2142499



DESCRIPTION

EDEM for personnel in HVI tent (high pressure inflatable tent) provides a quick and flexible response to chemical, biological and radiological incidents which require decontamination of a large number of affected people (both valid and/or assisted). Massive Decontamination Station is configurated on 5 areas for carry on an effective decontamination : zone of filiation, zone of undressing, zone of decontamination, zone of verification and and zone of dressing.

Decontamination zone could be configurated with 1 or 2 Modular Decon Showers. With fully modulable decontamination lines for valid and assisted personnel. Each line provides 2 positions to apply decontamination or rinsing at same time.

Rapid deployment of both HVI tent (thanks to its high pressure inflation technology) and the decontamination zone, require minimal operator intervention, thus ensuring maximum efficiency and fast response to any CBRN emergency incident.

Massive Decontamination Station (EDEM) for Personal in HVI tent, is developed according to STANAG 4653 Combined Operational Characteristics, Technical specifications, Test Procedures and Evaluation Criteria for Chemical, Biological, Radiological and Nuclear Decontamination Equipment.

PERSONNEL DECONTAMINATION

- Decon Equipment
 - ATILA Pressure: 3 bar
Flow: 4.200 liters/hour
 - AQUILES Pressure: 4 Bar
Flow: 4.800 liters/hour
- Temperature: 30°-37° C
- Decon Capabilities:
 - 1 Decon Shower: 42-48 people/hour (*)
 - 2 Decon Showers: 84-96 people/hour (*)
- 2 or 4 Decontamination modular lines
- 2 positions in each Decon Line

(*) Decontamination protocol : 2,5 minutes per person.



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EQUIPMENT

STANDARD

1	Decontamination Equipment ATILA or AQUILES
1	High Pressure Inflatable Tent
1or2	Modular Decontamination shower
1	Power Generator soundproof 10 kws
1	Collapsible Water storage tank
2	Collapsible water tank for contaminated water
1	LED Internal Lighting
1	LED External lighting
	Decontamination Agent LD11 (líquid) (Personnel Decontamination)

OPTIONAL

1	Stretcher rail system (assisted personnel)
1	Trailer for transportation
1	HRACR system for contaminated water treatment
1	Ventilation system

TECHNICAL SPECIFICATIONS

- Inflatable Tent: High Pressure
- Decon Equipment ATILA: Multitasking Decontamination
- Decon Equipment AQUILES: People Decontamination
- Configurable Modular Decon Shower (1or2 Decon Lines)
- Descon line (valid people): width 100 cm
Decon line (assisted people): width 200 cm

