

EDEM PERSONNEL IN CONTAINER

MASSIVE DECONTAMINATION STATION

NRQB
DECONTAMINATION
SYSTEMS

NATO STOCK NUMBER: 4230-33-2142517



DESCRIPTION

EDEM massive decontamination station container allows a quick and flexible response to chemical, biological and radiological threats or attacks that require the decontamination of large numbers of people (both Valid and Assisted).

Based on ISO 20' 1C Airtransportable Container with a fully autonomous and automated loading and unloading system, both in transport and operation mode, allows an efficient and optimal deployment in a wide range of environments providing maximum decon capacity. The container is divided into three zones: technical zone, water storage area and decontamination zone. The decontamination zone has four fully modular corridors for valid and assisted personnel that are configured to the operational needs of each CBRN intervention.

The two phases of Personnel Decontamination can be carried out in a programmed or continuous way, with an exact regulation of the temperature, allowing a total use of the water.

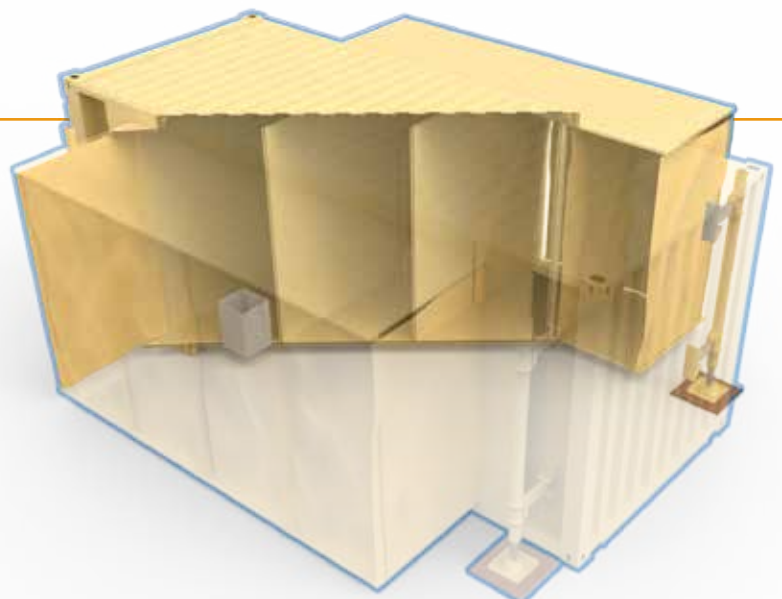
Personal Container EDEM is developed according to STANAG 4653 Combined Operational Characteristics, Technical specifications, Test Procedures and Evaluation Criteria for Chemical, Biological, Radiological and Nuclear Decontamination Equipment.



PERSONNEL DECONTAMINATION

- Pressure: 3 bar
- Flow: 4.200 liters /hour
- Temperature: 30°-37° C
- Capability: 84-96 persons/hour (*)
- 4 Decontamination modular lines
- 2 Decontamination phases in each line

(*) Decontamination protocol : 3 minutes per person.



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EQUIPMENT

STANDARD

1	ATILA 18-230 or AQUILES
1	ISO 20 'Container (Aerotransportable)
2	HVI 33 High Pressure Inflatable Shop with Lighting and Air Conditioning
1	Soundproof Generator Set
1	HRACR system treatment of contaminated water
1	Water tank 3,000 liters (with breakwaters)
2	Flexible tank collecting contaminated water
1	Weather Station
1	LED exterior lighting (4 tripods with 4 spotlights)
1	Container Lifting System
	LD11 (Liquid) Decontamination Agent (Personal Decontamination)

OPTIONAL

1	Stretcher rail system (assisted personnel)
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TECHNICAL SPECIFICATIONS

- Container dimensions: 6.058x2.438x2.438 mm
- Weight: 7.340 kg (sin agua)
- ISO 20' 1C Aerotransportable Container
- Anti-slip floor for decontamination zone
- HVI 33 tents: 6750x5100x2.800 mm (33 m2)
- Decontamination lines: Width 1.000 mm

