

# Refuge chamber



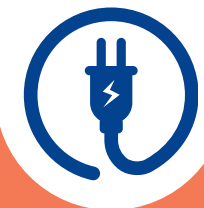
Uniteam Refuge Chamber offers a safe haven for workers in emergency tunnel situations, providing shelter, breathable air, and water. Built with durable and mobile container construction, the chamber features advanced air filtration and oxygen supply systems to protect occupants from external hazards. Designed for 24-hour use by up to 10 people, the system eliminates the limitations of standard mask-based solutions, ensuring an unlimited number of occupants can access breathable air in emergencies. Upon request, the chamber can be customized to accommodate larger groups and delivered in different sizes to meet specific needs.

## GENERAL SPECIFICATIONS



- 16-ft Overpressurized Container: Durable and safe against increased pressure.
- Advanced mask-free Breathing Air System: Supports 10 occupants with 24-hour emergency air supply.
- Uninterruptible Power Supply (UPS): Batteries for 24 hours of autonomous operation.
- Turn-Key Solution: Fully furnished with emergency supplies, including water and blankets.

## ELEC/Furniture



- Air conditioner for cooling in emergency situations up to 24 hours on battery power.
- Manually operated siren.
- External/internal electrical installation
- Seating with back support for 10 people.
- Dry toilet facility

The above are standard dimensions; other sizes may be supplied on request.

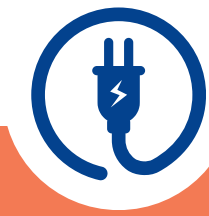


The battery system is securely housed in a dedicated niche alongside the air conditioning unit for optimal safety and functionality. Essential safety equipment, including first aid supplies, splinting kits, water, and wool blankets, is conveniently stored beneath the seating benches. The container is equipped with robust skids and integrated forklift pockets, as well as a heavy-duty pulling point, ensuring easy and efficient transport and placement within the tunnel.



### Insulation and lining

- Thermic insulation 50mm.
- Air tight door
- Emergency hatch



### Capacity

- Supports up to 10 persons for 24 hours.
- Additional configurations available upon request.

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