

COLD SHELTER TECHNICAL SPECIFICATION SHEET:
(based on standard 3 module shelter configuration)

GENERAL INFORMATION:

Occupancy Load: Up to 6 people
Dimensions (L x W x H):
External: 4185 x 4005 x 3460 mm
Internal: 3985 x 3700 x 2690 mm
Interior Floor Area: 14.43 m²
Total Weight: 880 kg
Assembly: Under 2 hours
Modular, hand portable
Minimum shelter size: 2 module
Maximum shelter size: 5 module

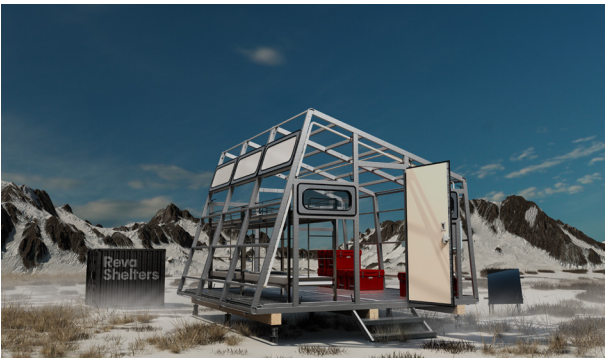
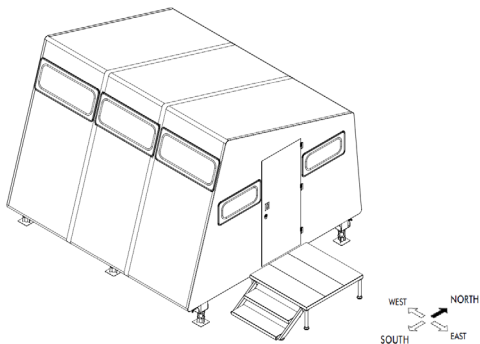
STRUCTURAL LIMITS:

Max Wind Load: 140 mph (3-second gust),
Exposure Category B, Importance Factor
I_w = 1.0
Live Load (kPa): Floor 1.92, Roof 2.13
Dead Load (kPa): Floor 0.24, Roof 0.24
Snow Load: TBD



COVER:

Soft Cover: Vinyl (Serge Ferrari Flexlight 832)
Customization Options: 10% upcharge
Colors:
☐ White (RAL9010)
☐ Black (RAL9011)
☐ Orange (RAL2004)
☐ Camo (Custom)
Ballistic-resistant (9 mm caliber proof panels)
(25% upcharge) Black only



THERMAL INSULATION:

Cover: R20 Multilayer insulation
Floor: R50 Vacuum insulation
-30 °C / + 30 °C

DOOR:

Dimensions: 2095 x 900 mm
Weight: 19 kg - the door is buoyant.
Lock: Push-button deadbolt

FOOTING TYPES:

Suitable for: Soil, Rock, Sand,
Clay, Ice
(must specify before order)

WINDOWS:

Front facade: Qty. 2
South side: Qty: 1 per module
Rear facade: Optional

PLUMBING SYSTEM:

Optional Integration
Compatible with external plumbing
(Requires diameter/location specification during order)
Please see optional “Kitchen” & “Hygiene” Module design

ELECTRICAL SYSTEM:

Custom Electric Panel compliant with most North American jurisdictions (All components UL rated)
Standard Load: 50 A
Max Available Load: 100 A
Options can include - generator switch, solar and battery, or line power only.
Lighting: LED, 2700 K, Interior & Exterior, IP65 rated
Outlets: 1 USB + 1 US standard outlet per module

VENTILATION SYSTEM:

- Passive air vents with optional powered exhaust
- Optional HEPA filter modules (specify during order)
- Cooling - Forced Air Fan
- Heating - 4000 W Radiant electric 220 V-240 V black

CUSTOMIZATION OPTIONS:

Frame, cover, window location, electrical load, plumbing, optional kitchenette, optional in-unit shower & toilet.