

# P-Range Shelter



## P-Range shelter: an all-curved textile architecture

Designed for a **permanent** or **semi-permanent** installation, our P-Range modular shelters can be anchored to a levelled concrete platform or self-ballasted through steel/concrete blocks or water tanks. These structures can be equipped with a **constant humidity control system** to minimize the aging process of the sheltered material whilst reducing electricity consumption. This system is complemented by the use of a special PVC coated, fire-retardant fabric (1050 g/m<sup>2</sup>) that is high-frequency welded together for optimal waterproofing. Access is made possible through 1 or 2 fully opening gables or via roll-up doors (4.50 m x 4.50 m). These shelters can be packed in 20' containers or on aircraft pallets. Worldwide service and assistance are provided by our specialized technicians.



### Available equipment:

- Dehumidifier
- Heating
- Air conditioning
- Lighting
- Ventilation
- Exhaust gas extraction
- CO and No<sub>2</sub> detection
- Cranes with overhead hoists (800 or 1000 daN).

### Load resistance:

- Wind: 180 km/h
- Snow : 100 daN/m<sup>2</sup>

### Fields of use:

- Shelter
- Dry air storage
- Maintenance
- Warehouses for sensitive equipment or vehicles (planes, helicopters, motor vehicles, spare parts...)
- Military operations

### Colours:

- Sand
- White
- NATO Green

- **Resistance of materials** to extreme weather conditions and **sustainability of the unit.**
- Great **modularity / High adaptability.**
- **Attractive design.**
- Quick and **easy assembly.**
- Installation on a levelled platform, without specific preparation of the ground.
- **Optimized packing** into ISO 20' containers.

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The below values may vary according to door, length and equipment options.

	P13	P16	P20	P20 R	P24 R
Type	half - barrel	half - barrel	half - barrel	2 slopes	2 slopes
Width (m/ft)	13.00 / 42.65	16.00 / 52.49	20.00 / 65.62	20.00 / 65.62	24.00 / 78.74
Height (m/ft)	6.55 / 21.49	8.09 / 26.54	10.10 / 33.14	8.75 / 28.71	10.40 / 34.12
Length (m/ft)	20.00 / 65.62	20.00 / 65.62	20.00 / 65.62	20.00 / 65.62	20.00 / 65.62
Weight (t/US tons)	5.70 / 5.17	7.50 / 6.80	16.50 / 14.97	19.10 / 17.32	24.00 / 21.77
Ballast model weight (t/US tons)	18.00 / 16.33	24.00 / 21.77	31.00 / 28.12	35.00 / 31.75	47.00 / 42.63
Cap weight (t/US tons)	1.50 / 1.36	2.50 / 2.27	4.00 / 3.63	6.00 / 5.44	9.00 / 8.16
Maritime packing	1 20' container	2 20' containers	3 20' containers	3 20' containers	5 20' containers
Air packing	2 20' pallets + 1 tarp crate	2 20' pallets + 2 tarp crates	3 20' pallets + 2 tarp crates	-	-

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