

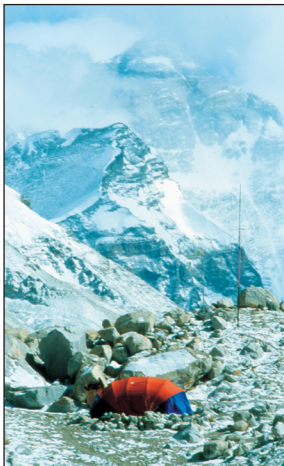
## POLAR

**Maximum capability, minimal logistical footprint.**

**The Weatherhaven range of polar shelters provides enhanced working spaces for both expeditionary and base camps.**

### OVERVIEW

- A range of shelters with hi-tech ripstop fabric covers designed for all polar conditions.
- Swift installation & redeployment of all shelters.
- Minimized packed weights & volumes to facilitate logistics.
- Modular format of Polarhaven & Series 4 shelters allows for extensive and unlimited complexing.
- Power generation & electrical distribution kits.
- Strong but light frames with wind kits and anchoring systems.
- Capable of withstanding extreme winds and snow loading.
- High insulation provides comfortable working conditions at -50° C (-58° F).
- Optional vents & access ports.
- A range of different insulated flooring systems.
- A range of furnishings.



*Weatherhaven polar shelters (left to right),  
Endurance on slopes of Mt Everest;  
Polarhaven shelters at 80° S, Antarctic  
base camp, Ellsworth Mountains;  
Polarhaven under extreme snow load.*



*Weatherhaven Series 4 Base Camp in the Arctic.*

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## SPECIFICATION OVERVIEW FOR WEATHERHAVEN POLAR SHELTERS

	Endurance 16 ft	Endurance 21 ft	Polarhaven	Series 4	Polar Chief
COVERS	Single, nylon	Single, nylon	Single, nylon	Double, vinyl	Single, nylon
INSULATION	✓	✓	✓	✓	✓
FLOOR	420 denier coated nylon & 24 in <sup>2</sup> port.	420 denier coated nylon & 24 in <sup>2</sup> port.	Polar foam, hard & soft floor options.	Polar foam, hard & soft floor options.	Polar foam, hard & soft floor options.
WATERPROOF	✗	✗	✗	✓	✗
EXPEDITIONARY	✓	✓	✗	✗	✓
BASE CAMP	✗	✗	✓	✓	✓
WIDTH	8 ft	8 ft	8 ft min, increasing in 2 ft increments to 30 ft max.	8 ft min, increasing in 2 ft increments to 30 ft max.	14 ft max.
LENGTH	16 ft	21 ft	8 ft min, increasing in 4 ft increments.	8 ft min, increasing in 4 ft increments.	15 ft 5 in max.
HEIGHT	6 ft 6 in max.	6 ft 6 in max.	7 ft min - 12 ft max.	7 ft min - 17 ft max.	8 ft 5 in max.
PACKED VOLUME	9 ft <sup>3</sup>	14 ft <sup>3</sup>	0.24 ft <sup>3</sup> per ft <sup>2</sup>	0.24 ft <sup>3</sup> per ft <sup>2</sup>	42 ft <sup>3</sup>
WEIGHT	77 lbs/35 kg	101 lbs/46 kg	1.75 lbs per ft <sup>2</sup>	1.5 lbs per ft <sup>2</sup>	220 lbs/100 kg
WIND KITS	✗	✗	✓	✓	✓
DOOR	2 x 'C' soft door entries or snow tunnel.		2 x soft or hard doors (24 in - 36 in W).	2 x soft or hard doors (24 in - 42 in W).	'C' door & soft door, with vestibule option.
ASSEMBLY TIME	5 minutes x 2 persons.	5 minutes x 2 persons.	30 minutes x 2 persons dependent on shelter size.	30 minutes x 2 persons dependent on shelter size.	20 minutes x 2 persons.



Weatherhaven Endurance shelter in Leo Houlding's climb of Ulvetanna, Antarctica, 2012.



Weatherhaven Polarhaven sheltering an Austrian film crew in Franz Josef Land, Arctic Circle.



Weatherhaven Polar Chief shelters on Baffin Island in the Canadian Nunavut Arctic region.



Weatherhaven Series 4 truss beam shelter at Little Dome C, Antarctica, 2021. (Photo courtesy of Rocco Ascione).



# Weatherhaven™

