

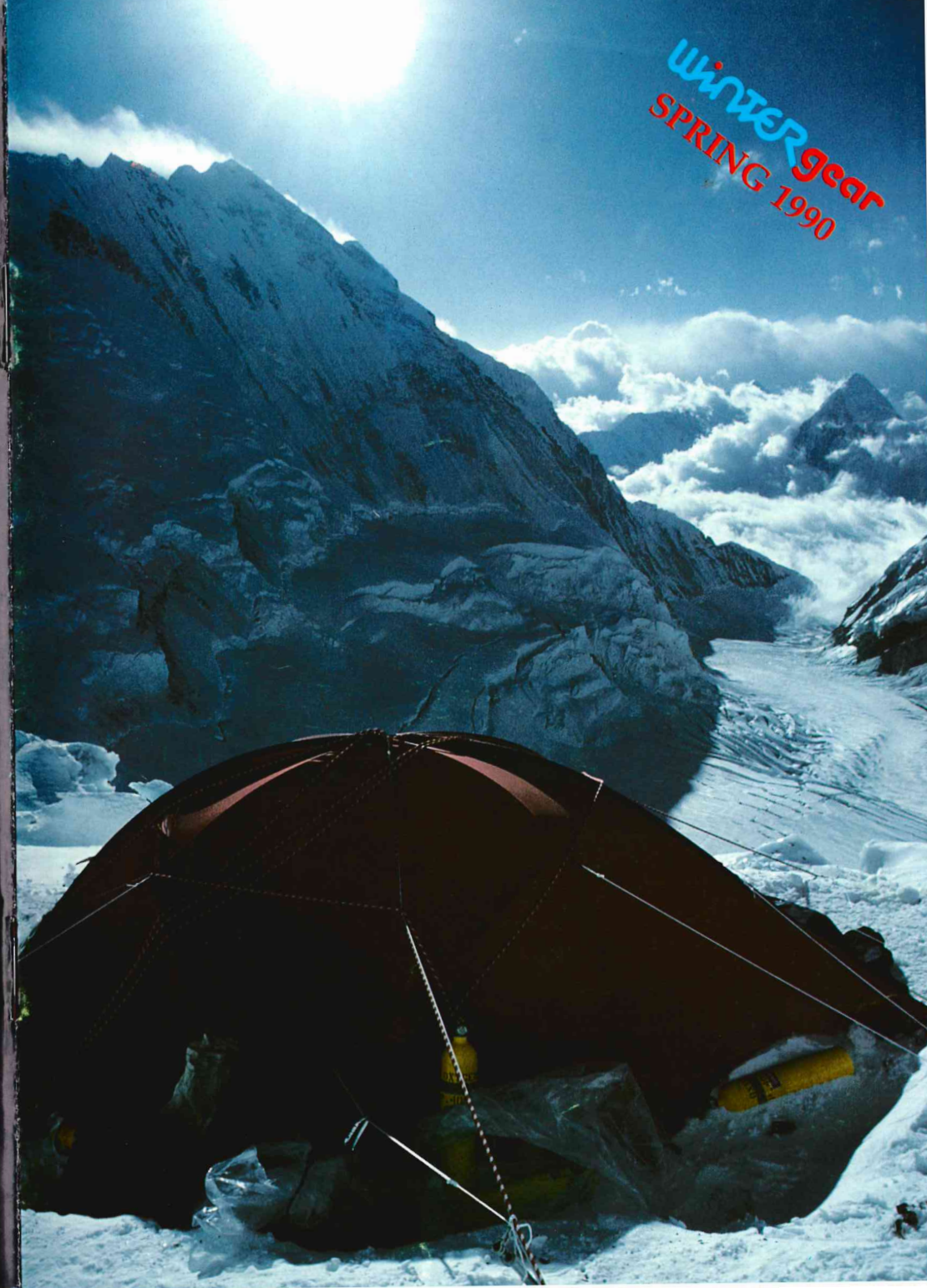


WINTERgear

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WINTERgear
SPRING 1990



The Blizzard



THE BLIZZARD Offers a very strong and stable Geodesic 2 person tent for use anywhere in the world, and in all seasons.

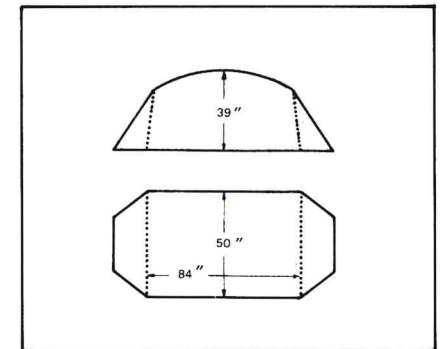
Features

- Fully taped flysheet and groundsheet seams.
- Neoprene tray groundsheet.
- 2 Inner doors plus extra no-see-um net doors.
- 2 bellends both with twin (covered) zips, for plenty of storage/cooking room.
- Internal pockets, mesh roof tray and hanging loops.
- 7075 T6 alloy poles.
- Colour coded pole sleeves for easy erecting.
- Storm guying positions at pole crossover points that tie directly to poles.

Front cover photo: A Wintergear design in action, Everest camp 3.
Photo Chris Bonington.



Dimensions



Info

Weight: 7lb 14ozs
Dimensions: Length: 84ins, Width: 50ins, Height: 39ins.
Packed Size: 21ins x 8ins.
Colours: Inner: Charcoal grey groundsheet, Gold upper. Flysheet: sky Blue or Green.
Sleeps: 2
Use: Four season Mountain.
Order Code: BZG. (green fly) BZB. (blue fly)
Extras: Snow valances can be fitted to special order

Tent Info

Why Geodesic?

We offer the following practical demonstration of the very significant advantages of geodesic pole systems over crossover pole systems.

Cross Over Pole Systems

1. Basic crossover pole system.

Take a rectangular tent plan and cross the poles to the opposite corners, curving them to form a semi dome.

PROS:

- Increased interior space over a similar floor area "A" frame tent

CONS:

- Long lengths of unsupported pole. Unless such a tent is kept small and of single skin construction i.e. Goretex fabric, it will deform badly and leak in windy conditions.

2. Three pole crossover pole system.

The basic crossover pole system with the addition of a third pole to give double the floor area.

PROS:

- Large unobstructed inner.

CONS:

- Still has long unsupported pole lengths needing considerable guying to hold tent stable in windy conditions.
- ONLY one crossover point. Poles can only interact to resist a downward force which is of limited use. Tents deform sideways in windy conditions. Risk of fly touching inner causing leakage.

Geodesic Pole Systems

3. Four pole geodesic systems.

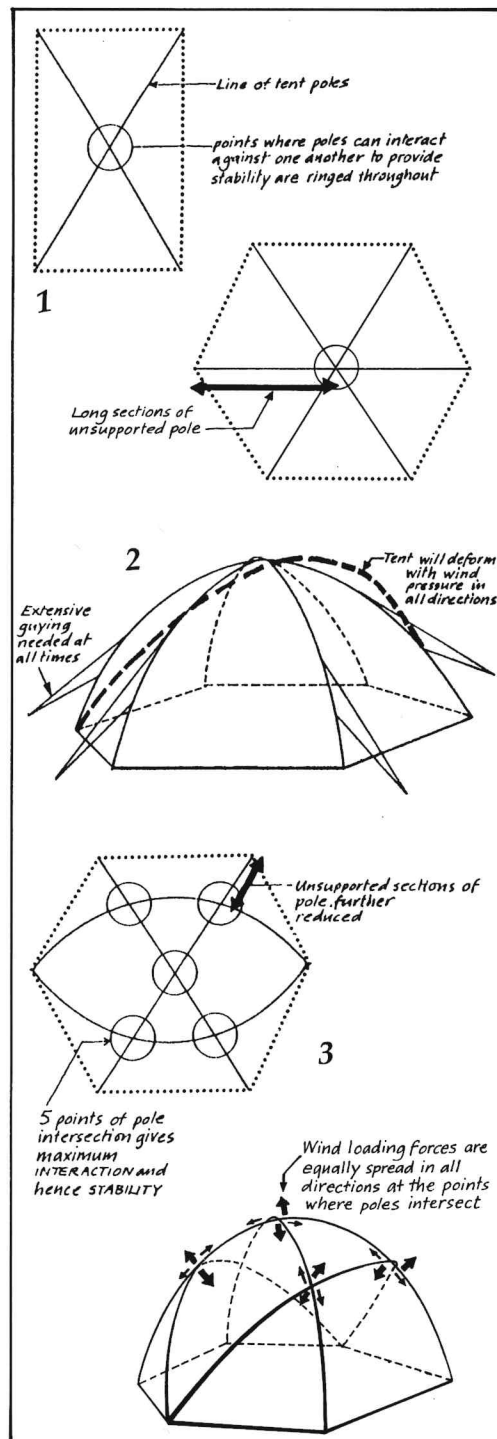
Same size tent as 2. but with 4 poles offset to give a stronger and more rigid structure.

PROS:

- 5 intersections of poles for maximum rigidity; Poles are in outward tension and yet compressed by the fly — the Vector forces, (directional forces) are balanced, = maximum stability.
- Tents will resist very high winds due to above.
- Lengths of unsupported pole are reduced to a minimum. Guying only needed in high winds.
- Small (tensioned by pole system), fabric panels ensure minimum fabric flap.
- Maximum interior space in perfect tension.

CONS:

- Fourth pole increases weight and cost.



Tent Info

Materials

Using our past experience we have selected the following materials for the tents:

Inner tents:

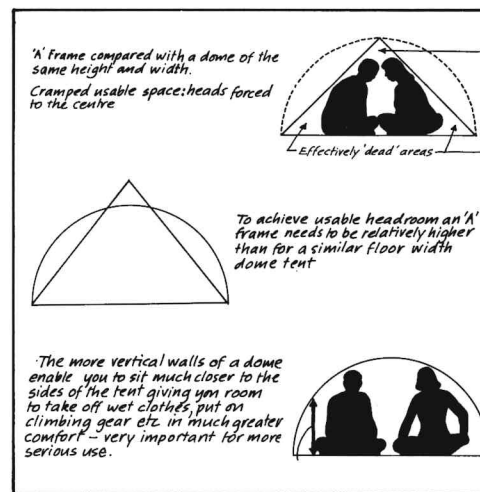
The groundsheets are Neoprene coated nylon, the hardest wearing and most waterproof fabric available, to cope with the heavy wear groundsheets get. The upper fabric is 1.6oz ripstop nylon, this gives great strength with very light weight. No-see-um netting is used on the doors and is the finest available to keep out the smallest bugs.

Flysheets:

We use a 2oz PU coated nylon on the flysheet so that we can tape the seams. This has good tear strength and has a good hydrostatic head to ensure waterproofness.

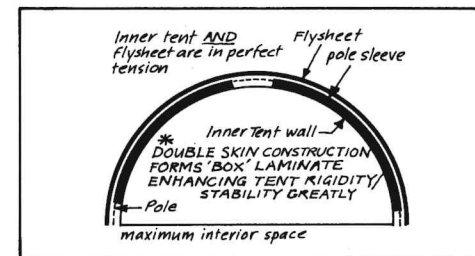
Poles:

These are the key to good performance in a tent and we use the finest quality available. They are made from 7075 alloy with a T6 temper to give the best combination of flexibility without brittleness, (its better for a pole to take a slight bend than for it to snap in use) Some of our poles have been precurved to relieve excess strain on the tight curves.



Dome Versus 'A' Frame

For the same floor plan and maximum headroom of an 'A' frame, a DOME tent gives nearly DOUBLE the USEABLE INTERIOR SPACE.



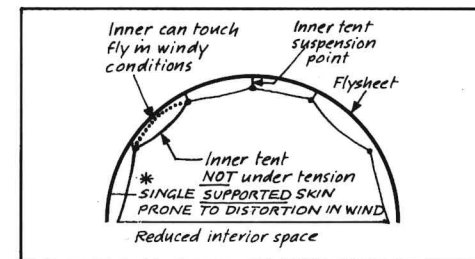
Inner-tent-1st erection

PROS:

- Maximum interior space.
- Constant gap between flysheet and inner tent gives an added bonus of better insulation in cold weather.
- Both fly and inner are equally tensioned and will not flap.
- Inner can be used for comfortable sleeping, by itself in hot, dry conditions.

CONS:

- Inner can get wet if it is raining when the tent is erected.



Fly first

PROS:

- The inner can be erected in the dry after the flysheet

CONS:

- Inner can ONLY be HUNG from the fly.
- Less interior space.
- Inner not under tension and will flap in strong winds.
- More difficult to erect due to all the inner's suspension points.

The Whiteout



This 5 pole geodesic tent is immensely strong and stable, making it suitable for all seasons, virtually anywhere. There is enough room for 3 people plus their gear or even four at a squeeze.



A Wintergear design in action Brabant Island Antarctica (mid winter!)



Features

- Fully taped flysheet and groundsheet seams.
- Neoprene tray groundsheet.
- 2 inner doors plus extra no-see-um net doors.
- 2 bellends both with twin (covered) zips, for plenty of storage/cooking room
- Internal storage pockets, mesh roof tray, and hanging loops.
- 7075 T6 alloy poles.
- Colour coded pole sleeves for easy erecting.
- Storm guying positions at pole crossover points that tie directly to poles.

Info

Weight:	10lb 8ozs.
Dimensions:	Length: 81ins, Width: 96ins, Height: 49ins.
Packed Size:	31ins x 10ins.
Colours:	Inner: Charcoal grey groundsheet, Gold upper. Flysheet: Sky blue or Green.
Sleeps:	3.
Use:	Four season Mountain.
Order code:	WHG. (green fly) WHB. (blue fly).
Extras:	Snow valances can be fitted to special order.

Dimensions

