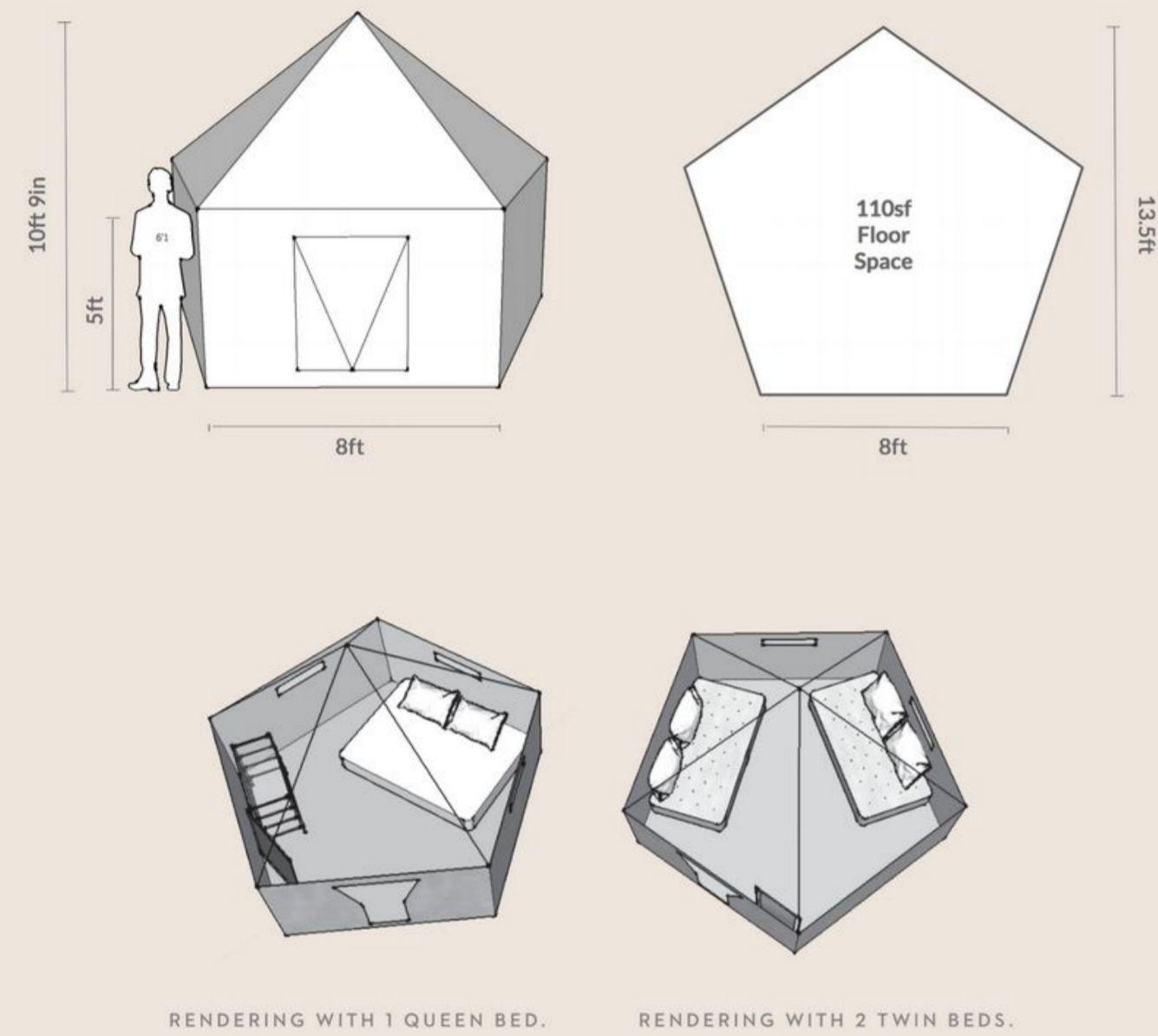


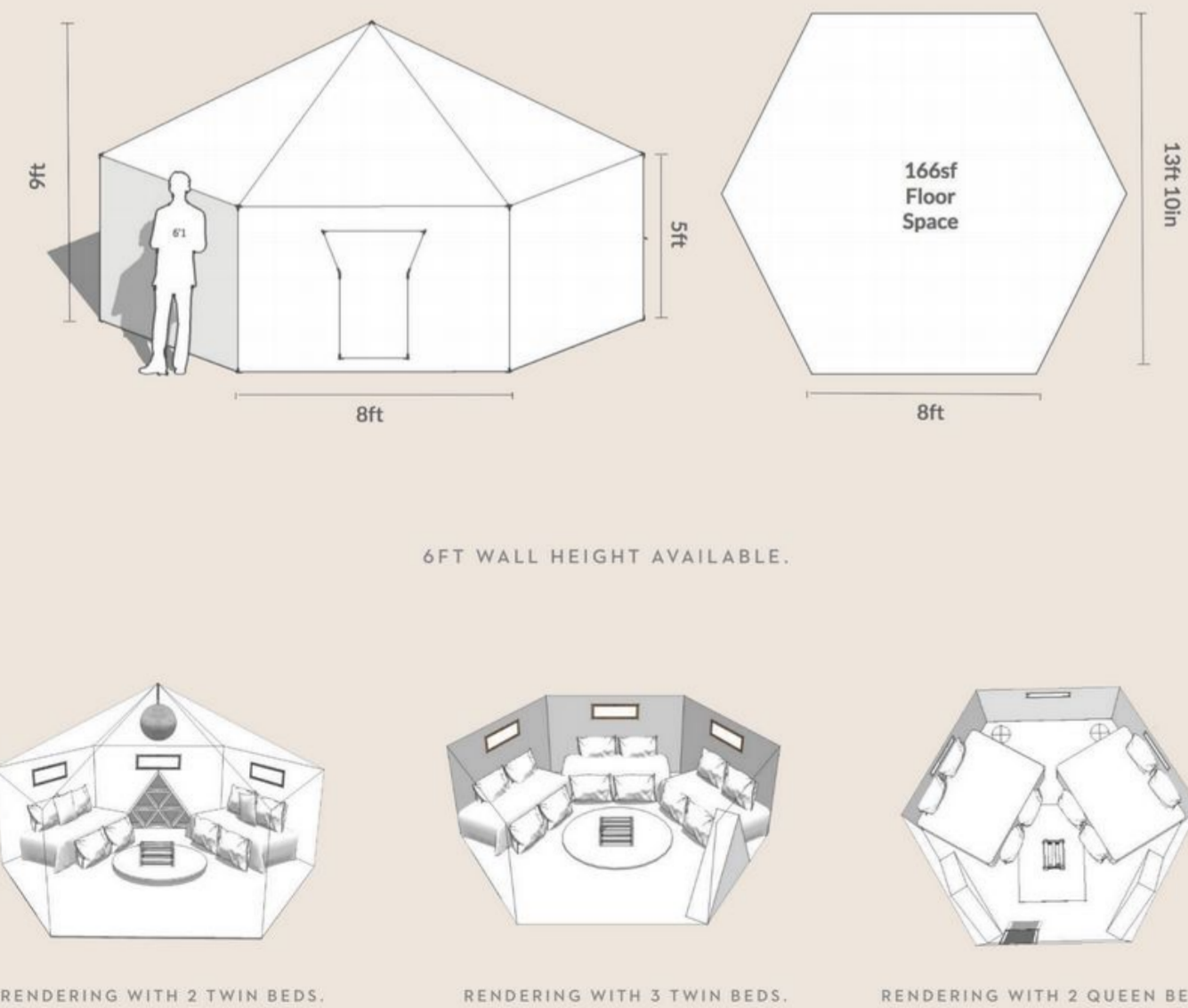
# G-FLEX INSULATION YURT

## BASIC G-FLEX YURT STRUCTURES

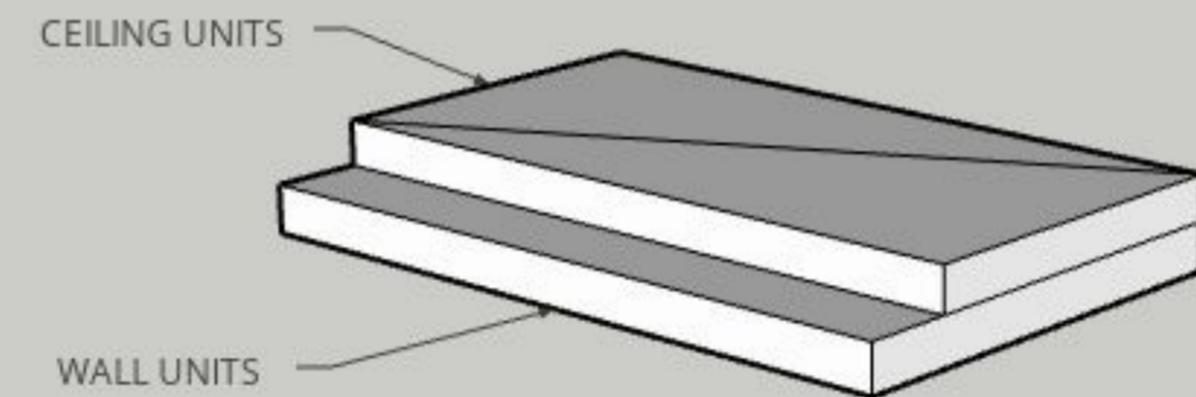
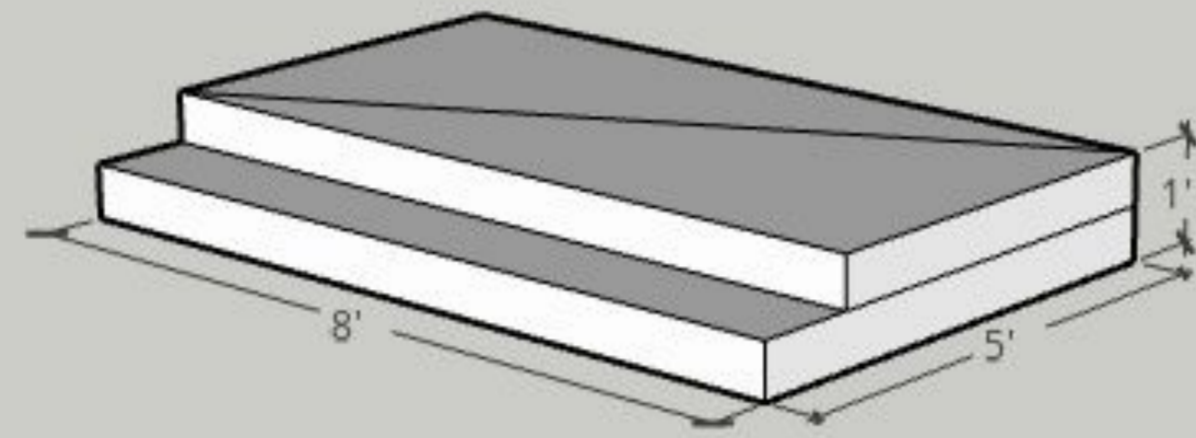
### PENTA YURT



### HEXA YURT



## TRAVEL DIMENSIONS



### 1 G-FLEX INSULATION YURT

Per

1 FOOT OF SHIPPING CONTAINER

### EXAMPLE

40FT Shipping Container = 40 Yurts



40 Foot Shipping Container = 40 yurts

## MATERIAL SPECIFICATIONS

R-Max Thermasheath

### TYPICAL PHYSICAL PROPERTIES

Physical properties shown are based on data obtained under controlled conditions and are subject to normal manufacturing tolerances.

PROPERTY	TEST METHOD	RESULTS
Density, Overall, Nominal	ASTM D1622	2.0 pcf
Compressive Strength	ASTM D1621	20 psi <sup>1</sup>
Flexural Strength	ASTM C203	60 psi
Flame Spread, Core <sup>2</sup>	ASTM E84	≥ 1" 25 or Less < 1" 75 or Less
Smoke Developed, Core <sup>2</sup>	ASTM E84	< 450
Air Permeance	ASTM E2178	< 0.02 L/(s·m <sup>2</sup> )
Water Vapor Permeance	ASTM E96	< 0.03 perm
Water Absorption	ASTM C209 ASTM C272	< 0.2% Vol. 0.3% max
Dimensional Stability, Length and Width	ASTM D2126	< 1% Linear Change
Mold Resistance	ASTM D3273	10, no defacement
Service Temperatures		250°F max

<sup>1</sup>Also available in 25 psi upon request. Less than 1" is standard at 16 psi.

<sup>2</sup>Flame spread and smoke numbers are shown for comparison purposes only and are not intended to represent the performance of Thermasheath<sup>®</sup> and related components under actual fire conditions.

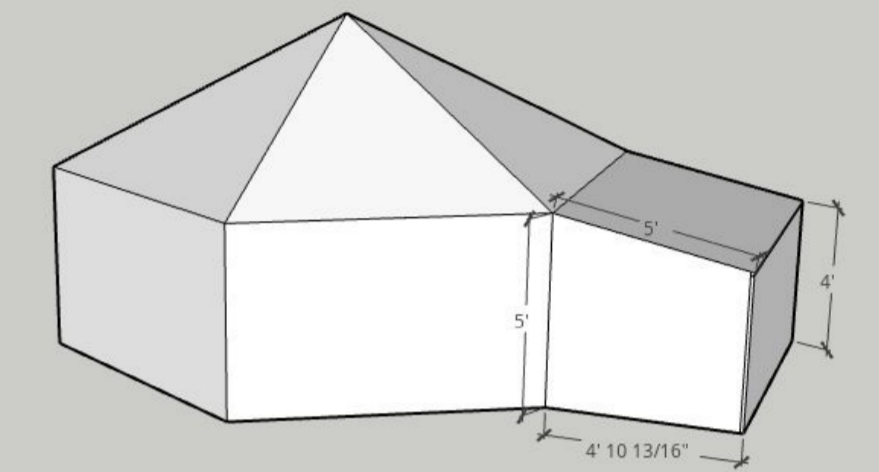
### THERMAL PROPERTIES / PRODUCT DATA

"R" means resistance to heat flow. The higher the R-value, the greater the insulating power.

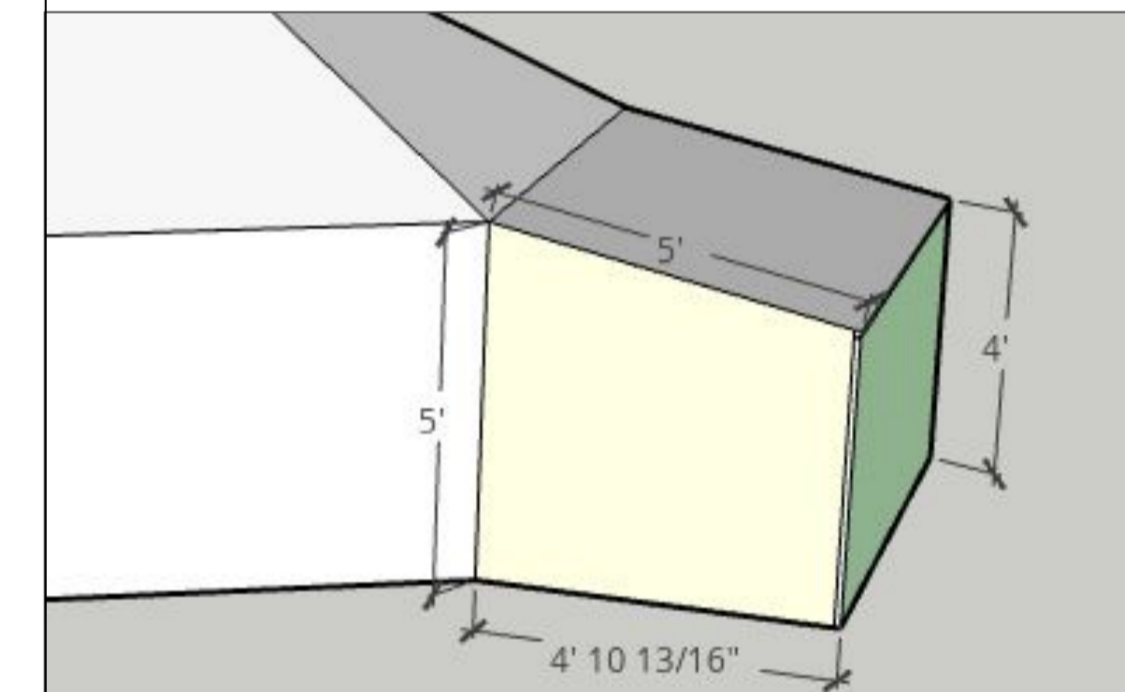
NOMINAL THICKNESS	THERMAL R-VALUE <sup>1</sup>
Inches	°F·ft <sup>2</sup> ·hr/Btu
1.00	6.0
1.10	6.7
1.25	7.8
1.50	9.6

## ACCESSORY PANELS

### BEDDING CHAMBER



One wall panel swings out to become the ceiling of the bedding chamber & 3 additional panels unfold underneath to create an additional 40sf of space (perfect for a queen bed).



Additional accessory panels can allow for an extended main chamber & multiple yurts connected.

## AESTHETIC OPTIONS

Advances in 3D printing, vinyl wall wraps & material science have created vast opportunities for custom aesthetics and artist collaborations. Example feature facades include: mirrored plexiglass, faux brick, laser cut wood filigree, vinyl wraps.

