Through modular construction utilizing readily available components, PARKAS are designed to be an attainable approach to a complex challenge facing Colorado’s mountain communities this winter – safely enabling visitors to dine out.

By sourcing materials available at most construction supply stores, PARKAS are conceived to be prefabricated off site as a kit of parts which can be easily assembled on site. The geometry of PARKAS allows for a variety of placements – from narrow pedestrian malls to plazas at ski resorts. The flexibility of this design enables individual restaurants, business districts, and municipalities to rapidly deploy them in a contextually specific manner. Additionally, the modules themselves are designed to adapt to a variety of restaurant types. Thermal polygal walls can be opened to turn two independent modules into a larger single room for accommodating larger parties. The transparent walls have the added benefit of increasing transparency into the module, enhancing the vitality of the street by enabling visual connection and community interaction.

PARKAS will provide a highly adaptable, efficient, prefabricated modules which are aesthetically pleasing, safe, and cost effective.

Post-COVID, we believe these modules could be re-purposed for “glamping,” used as shops for winter markets or art festivals, or as informational kiosks.
### COST & MATERIALS

$5680-$6,180 (Based on 8x8’ model):

- SIP panels: $2,880
- 2 thermal polygal panels with basic wood frame on sliding steel track: $800
- Wall mounted electric convection panel heater: $200
- Interior and exterior lighting: $500
- 3 electric receptacles: $300
- Chimney fan ventilation: $500
- Reclaimed lap siding: $500
- Optional exterior-rated TV: $500

$6,180

- Reclaimed wood installed as lap roofing
- Roof made of structural insulated panels (SIPS), sloped for no snow load or retention
- Reclaimed wood installed as lap siding
- Wall made of structural insulated panels (SIPS)
- Flip-top counter pivot track
- Convertible wall/bar counter on pivot track
- Re-purposed concrete parking wheel stop
Modularity of the PARKA design allows for a flexible layout from narrow pedestrian malls to larger plaza spaces.

Beautiful architectural form enhances the daytime interest.
Modularity of the PARKA design allows for a flexible layout from narrow pedestrian malls to larger plaza spaces.

Beautiful architectural form is enhanced at night with the warm glow of interior lighting.
Signaling light indicates when a PARKA is sanitary and alerts servers when assistance is needed.

Multiple connecting pods allow for doors to slide open and create a single larger space.

Structural Insulated Panels (SIPS) can be covered with lap siding for a more finished aesthetic.
Bar-top window allows for bar seating to expand outside.

Festive lighting can help create a sense of place and experience.
Sliding polygal door allows for increased light infiltration and the ability to connect multiple PARKAS to create larger spaces.
Interior lighting gives PARKAS a lantern-like glow.
Create a neighborhood-like experience to instill a sense of place. Add festive lights over alleys, heat towers, or fire pits for a sense of togetherness, while maintaining social distance.
The modular design of PARKAS considers how to interact and play while maintaining social distance.
Two single pods combined for larger gatherings
BRIEF DESCRIPTION

Through modular construction, utilizing readily available components, PARKAS are designed to be an attainable approach to a complex challenge facing Colorado’s mountain communities this winter – safely enabling visitors to dine out.

By sourcing materials available at most construction supply stores, PARKAS are conceived to be quickly prefabricated off-site from a basic kit-of-parts, transported to the site by tractor trailer, and fork-lifted into place. The geometry of PARKAS allows for a variety of arrangements – from narrow pedestrian malls to plazas at ski resorts. The flexibility of this design enables individual restaurants, business districts, and municipalities to rapidly arrange them in a contextually-specific manner. Additionally, they are designed with components that adapt to a variety of restaurant types - from fast-casual, to bar, to fine dining. Wall construction can include pivot tracks that allow walls to open to become bar tops or windows during more hospitable weather. Thermal polygal walls on tracks can be opened to turn two or four independent modules into a larger single room for accommodating parties. These translucent walls increase visibility into the module, enhancing the vitality of the street by enabling visual connection and community interaction.

PARKAS are a highly-adaptable, efficient, well-insulated, prefabricated outdoor dining/entertaining module, which are aesthetically pleasing, safe, and cost effective.

Post-COVID, we believe they could be re-purposed for “glamping,” used as shops for winter markets or art festivals, or as informational kiosks.
**BUDGET RANGE FOR THE DESIGN-TO-BUILD COSTS**

$5680-$6,180 (Based on 8x8’ model):

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIP panels</td>
<td>$2,880</td>
</tr>
<tr>
<td>2 thermal polygal panels with basic wood frame on sliding steel track</td>
<td>$800</td>
</tr>
<tr>
<td>Wall-mounted electric convection panel heater</td>
<td>$200</td>
</tr>
<tr>
<td>Interior and exterior lighting</td>
<td>$500</td>
</tr>
<tr>
<td>3 electric receptacles</td>
<td>$300</td>
</tr>
<tr>
<td>Chimney fan ventilation</td>
<td>$500</td>
</tr>
<tr>
<td>Reclaimed lap siding</td>
<td>$500</td>
</tr>
<tr>
<td>Optional exterior-rated TV</td>
<td>$500</td>
</tr>
</tbody>
</table>

**Estimated Total**

$5,680-$6,180

**BUDGET RANGE FOR THE OPERATING / MAINTENANCE**

$15 per 8 Hour Day

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted electric convection panel heater</td>
<td>$4.00 ($0.50/hr)</td>
</tr>
<tr>
<td>Wall-mounted TV</td>
<td>$4.00 ($0.50/hr)</td>
</tr>
<tr>
<td>Chimney fan</td>
<td>$4.00 ($0.50/hr)</td>
</tr>
<tr>
<td>Cleaning Supplies</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

**LIST OF SUGGESTED MODIFICATIONS FOR DESIGN CONCEPT - NONE**