



# the 2019 FARMHOUSE

*Take an in depth look at the process and products of our modern farmhouse*



<b>Overview.....</b>	<b>2</b>
<b>Why Choose Liberation?.....</b>	<b>3</b>
<b>Roofing.....</b>	<b>4</b>
<b>Siding.....</b>	<b>5,6</b>
<b>Trailers.....</b>	<b>7</b>
<b>Windows.....</b>	<b>8</b>
<b>Kitchen - Cabinets.....</b>	<b>9,10</b>
<b>Kitchen - Hardware.....</b>	<b>11</b>
<b>Flooring.....</b>	<b>12, 13</b>
<b>Interior Walls.....</b>	<b>14</b>
<b>Interior Stain.....</b>	<b>15</b>
<b>Bathroom - Cabinets &amp; Sinks.....</b>	<b>16</b>
<b>Bathroom - Shower.....</b>	<b>17</b>
<b>Bathroom - Toilet.....</b>	<b>18</b>
<b>Fixtures.....</b>	<b>19</b>
<b>Utilities.....</b>	<b>20, 21</b>
<b>Insulation.....</b>	<b>22</b>
<b>Plumbing .....</b>	<b>23</b>
<b>Upgrades.....</b>	<b>26, 27, 28</b>
<b>Next Steps.....</b>	<b>29</b>



# THE FARMHOUSE

One of the most recognizable features is when you step inside and see the white shiplap walls and the wood ceiling. The design reflects our heritage here in Lancaster County, PA, where we found inspiration while driving on the roads that we grew up on, seeing old farmhouses and rustic barns dotted along the rolling hills.

We took that inspiration and translated it into the design of our most popular model. It's a house that has taken its style from generations of history here but also includes a modern take on the vision that we have for what tiny homes can be.

From the sliding barn door to the open shelves in the kitchen, every corner of this home is designed to be functional and beautiful for everyday use. The farmhouse sink anchors the kitchen design and we add custom built cabinets in the stairs to provide a place to store things out of sight.

Our team of skilled craftsman take every step to ensure that your tiny home will not only be beautiful but will stay that way for years to come.





Here at Liberation, we believe that tiny homes should be constructed with excellent craftsmanship, durable materials, and also be affordable to purchase. We have built our company to reflect those values & to fulfill your dream of living a more economical and responsible lifestyle.

We are located in the heart of Lancaster County, PA, where the labor industry has a long history of quality craftsmanship. Our roots are planted here, and we have spent our lives building relationships within the community. We support those relationships by purchasing nearly all of our products from local, small businesses.

Our homes are constructed on locally custom made trailers and we offer several models to choose from. Our Farmhouse Model has been the most recognized tiny house from Liberation and we offer the ability to customize the home to make it unique and practical for your lifestyle.



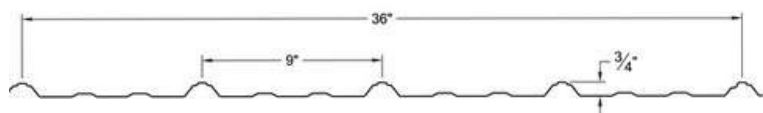


Charcoal (CH) pictured

Bright White (WH)	Light Stone (LS)	Beige (BG)	Clay (CL)	Tan (TN)
Bone White (BW)	Ash Gray (AG)	Pewter Gray (PG)	Charcoal (CH)	Bronze (BZ)
Scarlet Red (SR)	Barn Red (RD)	Colonial Red (CR)	Burgundy (BU)	Brown (BN)
*Gold (GL)	*Patina Green (PA)	*Avocado Green (AV)	Forest Green (FG)	Evergreen (EG)
Slate Blue (SB)	Gallery Blue (GB)	*Dark Blue (DB)	Black (BL)	*Copper Penny (CP)

- 26 Gauge
- Coverage: 36"
- Rib Spacing: 9"
- Rib Height: 3/4"
- Substrate: AZ-50
- Galvalume
- Heat-formed
- 25-year warranty
- 40-year paint warranty

This specially coated panel reflects as much as 83% of the sun's energy away from the roof, resulting in a cooler building in summer, more energy savings, and greater comfort.



# SIDING



LP® SmartSide® Trim & Siding offers the warmth and beauty of traditional wood with the durability of treated engineered wood. It's a complete line of high-performance trim and siding products to complement almost any building style. All LP SmartSide products feature our innovative four-component SmartGuard® manufacturing process for strength against harsh weather and to resist fungal decay and termites.

## Treated with LP's Exclusive SmartGuard® Process

LP's proprietary SmartGuard® manufacturing process is designed to create highly durable engineered wood products. Every strand of wood that goes into LP SmartSide Trim & Siding is treated with an advanced formula of adhesive resins, water-resistant waxes and zinc borate, after which a water-resistant, resin-saturated overlay is bonded to the product. The result: four components of protection against water damage, termites and fungal decay.



LP uses an SFI® certified forest management and fiber sourcing system to help ensure that the wood that goes into our products comes from well-managed forests.







LP SmartSide is our most popular siding for its durability and reasonable price. It can be painted with any color and is virtually maintenance free.



We often use a pine tongue and groove siding as an accent on our homes and in combination with other materials.



Cedar lap siding is a rich and beautiful finish to use as an accent or on the entire project.

Virtually any material that you can use on a traditional home, we can incorporate onto the exterior of a tiny home.



## A SOLID FOUNDATION

Our trailers are custom made here in Lancaster County, PA. We have worked with the manufacturer to create a trailer that not only meets but exceeds the tiny house industry standard.

We put two layers of 3.5" Rockwool R15 Comfortbatt insulation into the floor of the trailer and it is lined with sheet metal on the bottom to seal it from the weather and debris. The subfloor is glued and screwed to the trailer and the walls are bolted to the trailer frame. This provides a solid foundation for your tiny house and for worry-free living.

A custom trailer can be made in either the standard 8' 6" width or 10'  
The length can be customized from 10' - 32'  
We also offer gooseneck trailers which can be longer than 32'



Windows can make all the difference in how your tiny house feels. Adding natural light and expansive views can make your tiny home feel special.

**ANDERSON WINDOWS ARE:**

**DURABLE**

- Virtually maintenance-free
- Rigorously tested to deliver years\* of smooth, reliable operation
- Fibrex material construction provides long-lasting\* performance
- Durable, low-maintenance finish won't fade, flake, blister or peel\*
- Fibrex material is twice as strong as vinyl

**ENERGY EFFICIENT**

- Weather-resistant construction for greater comfort and energy efficiency
- Weatherstripping is designed to seal out drafts, wind and water
- Variety of Low-E glass options are available to help control heating and cooling costs in any climate
- Many 100 Series single-hung windows have options that make them ENERGY STAR® v. 6.0 certified throughout the U.S.



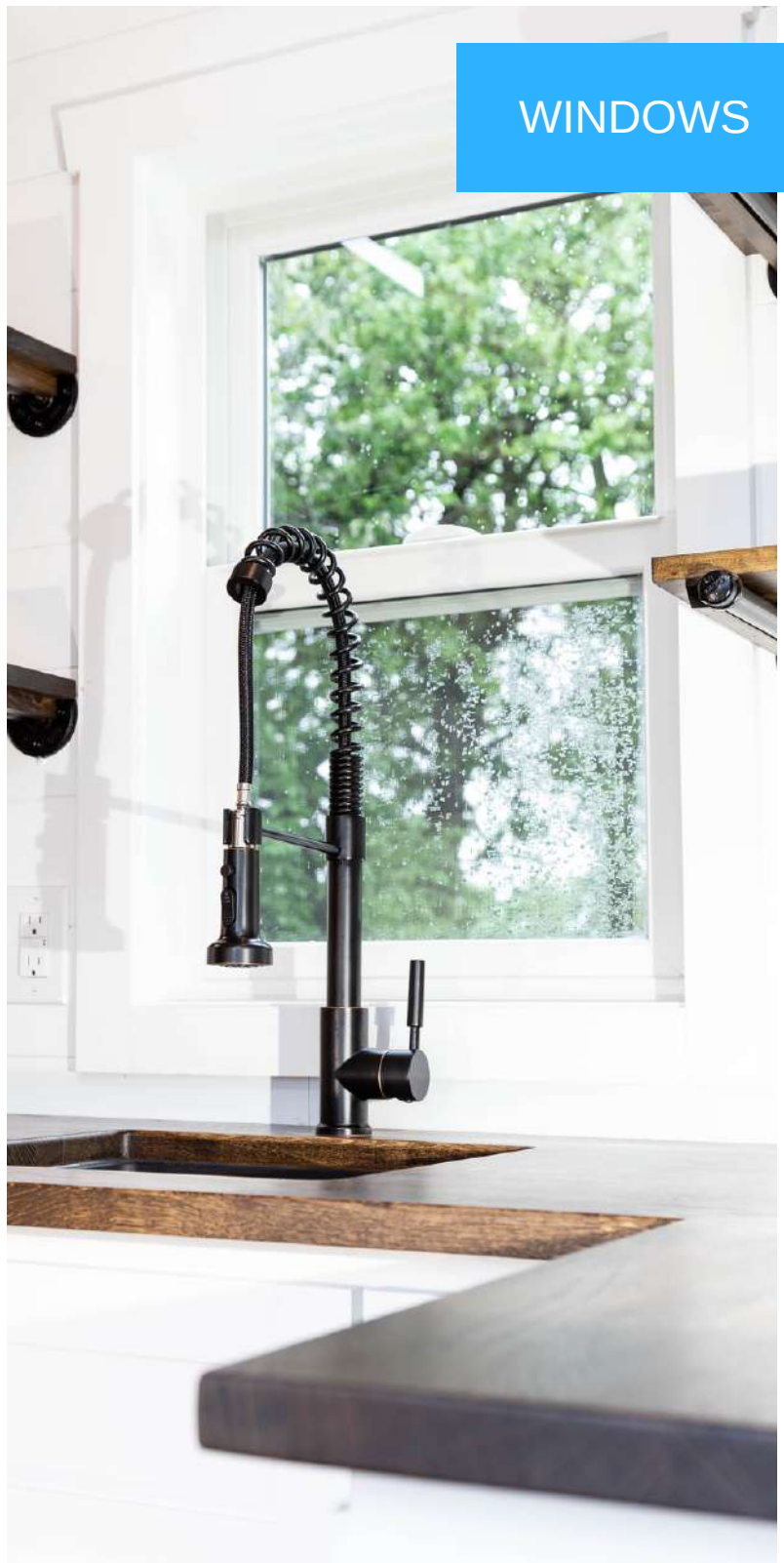
**BEAUTIFUL**

- Clean, attractive corner seams
- Six exterior color options
- Attractive matte finish interiors available in four colors
- Add style with grilles or patterned glass

**EXTERIOR COLORS**



**INTERIOR OPTIONS**



We will work with you to create the perfect design that incorporates as many windows as you'd like and place them in the right location to take advantage of maximum light, views, and functionality.

## CABINETRY

We offer the option of either IKEA or custom made cabinetry for our kitchens.

IKEA cabinets come in a wide variety of shapes and sizes, along with different styles and color options. We can maximize the floor space and arrange the cabinets so they look custom - at a much cheaper cost.

The hardware options include soft close hinges and drawers which provide a luxury feeling at a reasonable price.





# COUNTERTOPS

We offer a solid oak butcher block counter that can be stained to match the other finishes of the home and then sealed to provide a beautiful and durable workspace in your kitchen.

Other materials such as granite or quartz can be used as well



# CUSTOM CABINETS

If you really want to make your home feel special and have a unique, quality kitchen - we are pleased to offer completely custom kitchen cabinets.

Our cabinets are custom designed and constructed in our woodshop, just for your tiny home. We offer many details and storage options that can maximize space and meet all of your needs. A lot of our clients have larger and more practical kitchens in their tiny house than they did in their traditional homes.


Whether you choose custom or IKEA cabinets, your tiny home kitchen will be the centerpiece of your home and provide many memories for years to come.

# HARDWARE

Think of hardware as the jewelry for your tiny house. It can add the finishing touch to your kitchen and really accent the details of your cabinetry. There is a wide selection of hardware to choose from, so you can find the perfect one.




**BORGHAMN handle, 2-pack.**  
L40mm 403.160.50 \$7



**MÖLLARP knob, 2-pack. Black.**  
Ø14mm 902.730.91 \$5



**BORGHAMN handle, 2-pack.**  
L170mm 603.160.49 \$12  
L426mm 203.189.79 \$20



**MÖLLARP handle, 2-pack. Black.**  
L106mm 002.700.68 \$9



**ENERYDA knob, 2-pack. Black.**  
Ø20mm 003.475.29 \$7  
Ø27mm 803.475.30 \$9  
Ø35mm 603.475.31 \$9



**BAGGANÄS knob, 2-pack. Ø13mm.**  
Black 403.384.29 \$6  
Brass-colour 103.384.35 \$6  
Stainless steel 803.384.32 \$6

**ENERYDA knob, 2-pack. Brass-colour.**  
Ø20mm 403.475.32 \$7  
Ø27mm 203.475.33 \$9  
Ø35mm 003.475.34 \$9



**BAGGANÄS knob, 2-pack. Ø20mm.**  
Black 203.384.30 \$6  
Brass-colour 903.384.36 \$6  
Stainless steel 603.384.33 \$6

**ENERYDA knob, 2-pack. Chrome-plated.**  
Ø20mm 303.475.37 \$7  
Ø27mm 703.475.35 \$9  
Ø35mm 503.475.36 \$9



**ENERYDA cup handle, 2-pack. L89mm.**  
Black 103.475.24 \$12  
Brass colour 603.475.26 \$12  
Chrome-plated 203.475.28 \$12



**BAGGANÄS knob, 2-pack. Ø21mm.**  
Black 003.384.31 \$6  
Brass-colour 703.384.37 \$6  
Stainless steel 403.384.34 \$6



**ENERYDA handle, 2-pack. L112mm.**  
Black 303.475.23 \$12  
Brass-colour 803.475.25 \$12  
Chrome-plated 403.475.27 \$12



**HEDRA knob, 2-pack.**  
Ø32mm 201.765.45 \$7



**HACKÄS handle, 2-pack. Anthracite.**  
100 mm 903.424.81 \$9  
300 mm 703.424.82 \$15




**BERGHALLA handle, 2-pack. L235mm.**  
White 803.228.84 \$15  
Grey 303.228.86 \$15




**ORRNÄS knob, 2-pack. Stainless steel.**  
W17mm 102.361.54 \$5



**TYDA handle, 2-pack. Stainless steel.**  
L138mm 101.767.44 \$16  
L330mm 801.767.45 \$22



**ORRNÄS handle, 2-pack. Stainless steel.**  
L170mm 502.361.52 \$10  
L234mm 602.254.12 \$12  
L330mm 002.254.10 \$14



**LANSA handle, 1-pack. Stainless steel.**  
L111mm 302.865.29 \$15  
L214mm 902.865.31 \$25



**BLANKETT handle, 2-pack. Aluminium.**  
L50mm 002.222.37 \$6  
L295mm 702.222.34 \$10  
L395mm 402.222.35 \$12  
L595mm 202.222.36 \$14  
L795mm 802.222.38 \$18



**LANSA handle, 2-pack. Stainless steel.**  
L245mm 501.766.57 \$10  
L345mm 301.766.58 \$14  
L445mm 101.766.59 \$18  
L645mm 901.766.60 \$22  
L845mm 701.766.61 \$26





Level Set™ Collection | Natural Woodgrains & Stones



A00201 BLACK WALNUT



A00202 MADAGASCAR



A00203 CHESTNUT



A00204 BEECH



A00205 STORM



A00206 WINTER GREY



A00207 WASHED WHEAT



A00208 SAND DUNE



A00209 MAHOGANY



A00210 TEAK



A00211 WASHED MAPLE



A00212 CEDAR

LEVEL SET vinyl plank flooring is our recommendation for a durable and beautiful flooring for your home. It looks like wood, but is waterproof and uses a glue-free method of installation that enables easy replacement of individual pieces if needed.

## FLOORING



LAMINATE

SOLID

ENGINEERED

Wood flooring is a beautiful option for your tiny house floor. It provides warmth and a natural material that contrasts beautifully with other materials.

Our design team will help you choose from a variety of materials and finishes to compliment your personal style and lay a beautiful foundation for your home.





# SHIPLAP

We use pine tongue and groove boards which are primed and painted to provide a beautiful and lasting finish for your tiny home.

The tongue and groove application allows for movement as the house moves and doesn't damage the finish - which means that your walls will look just as beautiful after years of living in your house.

The walls can be painted to your color of choice and our design team will help you choose the perfect shade of white or black, or any color in between.



# INTERIOR STAIN OPTIONS



DARK WALNUT



SPECIAL WALNUT



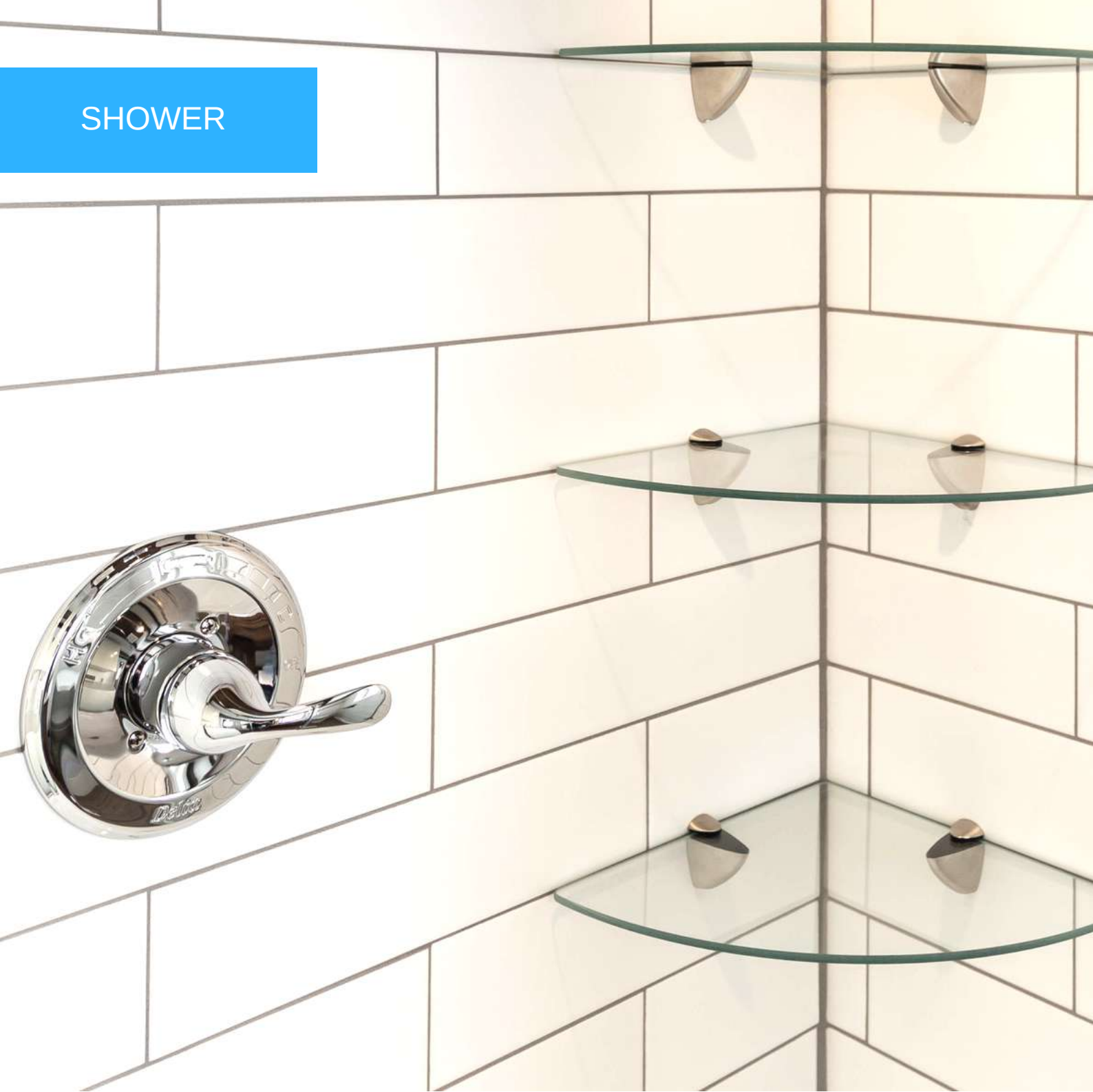


We understand that bathrooms are one of the most important features of your tiny house! And there is no need to make sacrifices when it comes to this space.

We maximize storage and functionality while providing a beautiful and modern bathroom that looks and feels just like a traditional home.

We have a variety of materials to choose from and we will customize the room and fixtures to meet your needs and you will have the bathroom of your dreams!

## SHOWER



Subway tile lines the showers in a Farmhouse tiny home. Options for a concrete base, bathtub, and even a soaking tub are available.



# TOILET



Technical data	Material	Inner container	Voltage/Wattage	Power consumption	Electrical connection	Noise level fan
Villa 9200	Impact-resistant high-gloss polypropylene, recyclable Full bag 8-10 kg	23 litres Polypropylene	110-120V/14.6/18.9W	0.350/0.453 kWh/24 hrs	Cord 4 feet (1.22 m) Grounded plug	41/31dB(A)
Villa 9210	Impact-resistant high-gloss polypropylene, recyclable Full bag 8-10 kg	23 litres Polypropylene	12DC/2.5W/210mA	0.06kWh/24 hrs	Battery cable, 6 1/2 feet (1.9 m)	<30dB(A)
Villa 9220	Impact-resistant high-gloss polypropylene, recyclable Full bag 16-20 kg	30 litres Polypropylene	110-120V/14.6/18.9W 12DC/2.5W/210mA	0.350/0.453 kWh/24 hrs 0.06kWh/24 hrs	Battery cable, 6 1/2 feet (1.9 m) or power adapter 12/230V	41/31dB(A) <30dB(A)
Weekend 7010	High impact polyethylene, recyclable Full bag 10-12 kg	30 litres Polypropylene	12V/2.5W/210mA	0.06kWh/24 hrs	Battery cable, 6 1/2 feet (1.9 m) or power adapter 12/230V	<30dB(A)
Privy 500	Recyclable high-gloss polypropylene Seat cellulaplatic					
Rescue 25	Recyclable polypropylene Full bag 9-11 kg	Bag 27 litres				
Burn 900	Unpainted corten steel (stainless)					
Ejektortank 50	Recyclable polypropylene Full tank 45 kg	50 litres Polypropylene				

Options include a regular flushing toilet, a composting toilet or an incinerating toilet.

Composting toilets are a great option if you don't have access to a septic system or would just like to be off-grid capable. They are virtually odor free and only need to be emptied every 3-6 weeks.

Incinerating toilets are more expensive but they burn the waste after every use and are the best option for a water-free and hassle-free toilet.

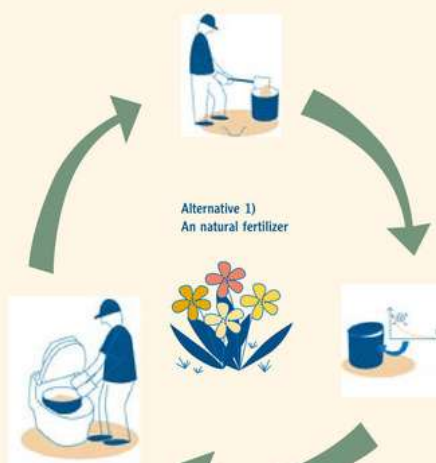
## Easy handling of end products

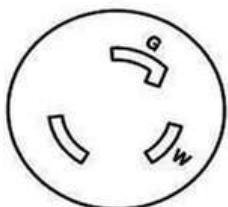
### A natural fertilizer

The solid waste can easily become an excellent fertilizer. Just lift out the container and place it in a suitable location outdoors. Add some soil and put the lid on with a slight opening, which allows the solids to vent. This process inactivates human pathogens so that it can harmlessly be composted or buried, in order to decompose fully. The end product is an organic fertilizer in your flower garden.

### Burn 900 an alternative to composting

With Burn, composting is not needed. Your waste is burned, ashes remain.





L5-30P



We offer both 30AMP & 50AMP electrical service to our homes, through a standard RV style inlet.

All of our homes are custom designed to meet the requirements of the appliances and fixtures of your tiny house.

**On-Board Micro-Processor Monitors:**

- Inlet Water Flow
- Inlet Water Temperature
- Outlet Water Temperature
- Regulates the burner to maintain the set **HOT** Water Temperature:
- Can add COLD Water to the desired temp.
- All the **HOT** Water when you want it!
- 42,000 BTUs which provides the optimum performance for an RV's plumbing
- No special LP gas lines or special plumbing required
- Quiet Brush-less Motor
- 12V Power operates at less than 3 AMPs
- Freeze Protection – For Winter Use
- Designed Specifically for RVs
- Compact Design – Fits in any tank water heater cut-out opening





We use standard RV water hookups for our tiny houses. This means that all you have to do is hook up a standard garden hose to the side of your house and you have fresh water.

We typically don't use holding tanks for either fresh or wastewater although this is something that could be accommodated if you need to be completely off-grid capable.

Inside of your tiny home, you can expect to have comparable water pressure to that of a traditional home.



# WARM. COMFORTABLE. YEAR-ROUND LIVING

INSULATION

We use COMFORTBATT insulation as a standard in our tiny homes. It's the same insulation that you would find in a traditional home and will keep you comfortable in every climate.



ROCKWOOL COMFORTBATT® is a semi-rigid stone wool batt insulation for exterior wood and steel stud applications in both new construction and renovations.

It features a unique flexible edge designed to compress as the batt is inserted then spring back, expanding the batt against the frame studs to give a complete fill. This flexibility ensures the expected R-value is achieved and maintained.

Non-combustible and fire resistant, COMFORTBATT® will not develop toxic smoke or promote flame spread, even when exposed directly to a fire. It also offers water and moisture resistance and excellent sound absorbency.

COMFORTBATT® is an effective way to improve a home's energy efficiency. It is GREENGUARD Gold Certified and contributes to a healthier indoor environment.

Learn more at [rockwool.com](http://rockwool.com)







**COPPER vs PEX**

Average Price for 100 Ft of 1/2" size

\$150	\$23 ✓
-------	--------

**Expected lifetime**

✓ 75-100 years	50-100 years
----------------	--------------

**Difficulty level of installation**

Expert	Very easy ✓
--------	-------------

**Average installation time for one point**

About 10 min	Less 2 min ✓
--------------	--------------

**Quantity of fittings needs for installation**

For each turn	Up to 40% less ✓
---------------	------------------

**Freeze burst resistance**

Poor	Very Good ✓
------	-------------

**Acid resistance**

Poor	Very Good ✓
------	-------------

**Mechanical damage resistance**

Good	Very Good ✓
------	-------------



We use PEX plumbing for all of our water supply lines and they are located inside the interior walls which are insulated and built for year round living. You won't have to worry about frozen pipes or the hassle of winterizing for the cold weather.

We will work with you to design a layout that best suits your lifestyle and equip your home with either on-grid or off-grid plumbing equipment and fixtures.

We recommend a mini split system for unmatched heating and cooling capabilities in your tiny home.

It is extremely quiet and efficient and will keep your home comfortable for year round living - no matter what climate you live in.

### 1. They Save You Money

They are smaller than traditional forced-air systems, and because the temperature-controlled air is delivered directly into a room, there is no loss in efficiency.

### 2. They Improve Indoor Air Quality

Often times, the quality of indoor air can actually be lower than the quality of outdoor air. Ductless systems offer multi-stage filtration that can drastically reduce dust, bacteria, pollen, allergens and other particulates in the air.

### 3. Ductless Cooling Lowers Your Carbon Footprint

Ductless cooling and heating systems follow ENERGY STAR guidelines, which means they are far more energy efficient than the minimum standards set forth by the U.S. federal government. Improved efficiency saves money, of course, but it also helps reduce your total carbon output.





# METAL FRAMING

## UPGRADES

### PROS:

- Less weight - you can save 30% - 40% vs. wood
- Straighter - Metal is straighter and won't warp like wood can.
- Less waste/easier to recycle
- Fire resistant

### CONS:

- It's more difficult to work with
- It's not energy efficient and requires extra insulation to prevent heat/cold conduction
- It's more expensive - the material and labor are both more expensive



We traditionally use wood framing for our homes, but we will gladly use metal if it's the right choice for your project and budget.





## WE ARE HERE TO HELP

We know that it can be difficult to secure financing, find a place to put your home and choose the style and finishes (after watching endless hours of tiny house tv shows). But there's no need to worry! Our team of experts will guide you through each step and make it as easy as possible to ensure that you are happy and stress-free during the entire process.

### WHAT'S THE FIRST STEP?

We ask for a \$1,000 refundable deposit to secure your build date on our production schedule.

### WHAT'S NEXT?

After we receive a deposit, a member of our team will contact you to schedule an initial design meeting. We will start to discuss the details of your project and walk you through the process of building a tiny home.

### HOW LONG DOES IT TAKE?

We plan on 2-3 months for the construction of a full project. Stage 1 & 2 shells are given a 2-3 week window for completion.