

PALLET PRODUCT CATALOG



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WHY PALLET

No one should go unsheltered when a shelter village can be built in a day.

Pallet responds to emergencies and housing needs with solutions built fast, at scale. From private shelters with lockable doors to on-site bathrooms, our village residents have peace of mind while they rest their heads in a safe space. Each shelter can be assembled in less than two hours.

Public Benefit Company

Pallet invests in people and is a fair chance employer. The majority of our team has experienced homelessness, substance use disorder, and/or the criminal legal system. They've found stability through meaningful employment. We're builders at heart and train our employees with the skills they need to be successful.



End-to-End Support

Pallet has built thousands of shelters across the United States. Our team offers personalized consultative services to all clients. We have end-to-end expertise in the multi-stakeholder process required to create healing shelter villages at speed and scale.

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COMFORT AND DIGNITY IN ANY CLIMATE





No matter the weather, we have a shelter configuration that provides comfort, dignity, and safety.

There are three elements to consider when configuring a shelter for your climate: Heating for cold temperatures, air conditioning for hot temperatures, and structural strength to match the wind and snow load your area experiences. Working with our Community Development Team to select the ideal combinations of these variables will ensure resident comfort, and safety.

1 Cold Temperature Comfort

For effective and efficient heating in all conditions, we offer four main configurations that cover the US climate. The chart below shows heater unit variations and shelter wall thickness options to ensure interior temps stay above 70F even on the coldest night of the year.

Heat System Options

	SEVERE COLD CLIMATE	1.5" wall thickness for added insulation	4500w heater for plenty of heating power	Capable of maintaining an interior temperature of 70F when outside temps drop as low as -20F	Delta T 90F
	COLD CLIMATE	0.5" wall thickness, efficient, and sturdy	4500w heater for plenty of heating power	Capable of maintaining an interior temperature of 70F when outside temps drop as low as -10F	Delta T 80F
	4-SEASON CLIMATE	1.5" wall thickness for added insulation	1500w heater, efficient heating for mid-range climates	Capable of maintaining an interior temperature of 70F when outside temps drop as low as 10F	Delta T 60F
	TEMPERATE CLIMATE	0.5" wall thickness, efficient, and sturdy	1500w heater, efficient heating for mid-range climates	Capable of maintaining an interior temperature of 70F when outside temps drop as low as 30F	Delta T 40F

**Delta T is the maximum difference between the outside environment temperature and the temperature inside the shelter.*



2 Warm Temperature Comfort

To provide safety and comfort in the hottest days of summer, we offer two air conditioning options. The right choice for your village will ensure proper cooling while maintaining the most efficient level of energy consumption.

A/C Options

5000 BTU AC Quiet and efficient cooling for most climates

6000 BTU AC Extra powerful cooling for extremely hot climates

3 High Wind and Snow Load

For locations that experience extreme winds and heavy snow we offer an additional configuration with enhanced structural support. The aluminum studs and roof supports of our Heavy Duty (HD) shelter stands up to storm winds up to 170 mph and snow load of 50 lbs. per square foot.

Wind and Snow Loading Options

STANDARD STRUCTURE Capable of withstanding winds of 110 mph and snow load of 25 lbs./sq. ft.

HEAVY DUTY STRUCTURE Capable of withstanding winds of 170 mph and snow load of 50 lbs./sq. ft.





SHELTER

Pallet Shelters

Pallet shelter villages offer the dignity of private space in a healing community environment. They are designed to rapidly assist unsheltered populations with a resource net of on-site social services, as well as food, showers, laundry, and more to help people transition to permanent housing.

Infrastructure Needs

Pallet shelters are a flexible system that can be installed on a wide variety of surfaces and connected to a number of power sources and standard sewer service lines.



Shelter 64

Proven: Thousands of shelters in use since first introduced in 2016.

Dignified: Heat, air conditioning, and other amenities for comfort, function, and security.

Durable: Long-lasting and built to handle wind, snow, and rain.



Shelter 64

Designed and built with the right balance of efficiency and comfort, the Shelter 64 is the industry-standard rapid-response sleeping shelter. Optimized for one or two people. Climate-control options and a locking door provide residents comfortable, secure, and dignified shelter.





Features

- Locking door and windows
- Interchangeable bed/desk options
- Hardwired smoke/carbon monoxide detector
- Wall mounted fire extinguisher
- Standard manufacturer warranty
- Emergency egress door
- Assemble in less than two hours



The Right Shelter for your Needs

Selecting the right mix of options is essential to providing comfort, safety and dignity for your residents. The chart below outlines the options available. Select from each section to create your shelter.



1 Heat System Options

 **SEVERE COLD CLIMATE**
 **COLD CLIMATE**
 **4-SEASON CLIMATE**
 **TEMPERATE CLIMATE**

2 A/C System Options

 **5000 BTU AC**
 **6000 BTU AC**

3 Wind and Snow Options

 **STANDARD STRUCTURE**
 **HEAVY DUTY STRUCTURE**

Technical Specifications

SIZE (NOMINAL)	8'6" wide x 7' deep x 9'3" high
SQUARE FOOTAGE	64 sq. ft.
WALL AND ROOF THICKNESS	0.5" 1.5"
INTERIOR HEADROOM	107" max. / 90" min.
SLEEPING BUNK DIMENSIONS	28.25" x 81"
SHELTER WEIGHT	400 lbs., 0.5" shell 520 lbs., 1.5" shell
WIND RATING	110 mph (Standard) 170 mph (Heavy Duty)
SNOW LOAD RATING	25 lbs./sq. ft. (Standard) 50 lbs./sq. ft. (Heavy Duty)
MINIMUM TEMPERATURE RATING	30 F - 0.5" walls with 1500w heater 10 F - 1.5" walls with 1500w heater -15 F - 0.5" walls with 4500w heater -30 F - 1.5" walls with 4500w heater

Shelter 100

Proven: Thousands of shelters in use since first introduced in 2016.

Dignified: Heat, air conditioning, and other amenities for comfort, function, and security.

Flexible: Sleeps up to four or can be configured as an office or storage unit.



SHELTER 100

This 100 square foot shelter is a versatile structure with options for sleeping up to four people, or can be configured as a village services office. Families, couples, or individuals can live with peace of mind and comfort with features such as a smoke detector, climate control, and lockable door.





Features

- Locking door and windows
- Interchangeable bed/desk options
- Hardwired smoke/carbon monoxide detector
- Wall-mounted fire extinguisher
- Standard manufacturer warranty
- Emergency egress door
- Assemble in less than two hours



The Right Shelter for your Needs

Selecting the right mix of options is essential to providing comfort, safety and dignity for your residents. The chart below outlines the options available. Select from each section to create your shelter.



1 Heat System Options

 **SEVERE COLD CLIMATE**
 **COLD CLIMATE**
 **4-SEASON CLIMATE**
 **TEMPERATE CLIMATE**

2 A/C System Options

 **5000 BTU AC**
 **6000 BTU AC**

3 Wind and Snow Options

 **STANDARD STRUCTURE**
 **HEAVY DUTY STRUCTURE**

Technical Specifications

SIZE (NOMINAL)	13'8" wide x 7' deep x 9'3" high
SQUARE FOOTAGE	100 sq. ft.
WALL AND ROOF THICKNESS	1.5"
INTERIOR HEADROOM	107" max. / 90" min.
SLEEPING BUNK DIMENSIONS	28.25" x 81"
SHELTER WEIGHT	916 lbs.
WIND RATING	110 mph (Standard) 170 mph (Heavy Duty)
SNOW LOAD RATING	25 lbs./sq. ft. (Standard) 50 lbs./sq. ft. (Heavy Duty)
MINIMUM TEMPERATURE RATING	10F - 1.5" walls with 1500w heater -30F - 1.5" walls with 4500w heater

Community 400 + 800

Proven: Thousands of shelters in use since first introduced in 2016.

Flexible: Electrical and heating options tailored to fit your needs.

Durable: Long-lasting and built to handle wind, snow, and rain.



Community 400 + 800

Pallet's larger community structures provide a safe and comfortable space for residents to meet for meals, meetings, social gatherings, and work. With flexible open floor plans and proven, durable construction, the community structures are a versatile village addition.

Features

- Multiple windows for lots of natural light
- Electrical and lighting options built in
- Locking door and windows
- Hardwired smoke/carbon monoxide detector options
- Standard manufacturer warranty
- Resistant to mold and pests
- Assembles in 2 days



Technical Specifications

	COMMUNITY 400	COMMUNITY 800
SIZE (NOMINAL)	27'3" wide x 16'10" deep x 10'8" high	54'1" wide x 16'10" deep x 10'8" high
SQUARE FOOTAGE	400 sq. ft.	800 sq. ft.
WALL AND ROOF THICKNESS	1.5"	1.5"
INTERIOR HEADROOM	104" max. / 90" min.	104" max. / 90" min.
WIND RATING	110 mph	110 mph
SNOW LOAD RATING	25 lbs./sq. ft.	25 lbs./sq. ft.

PALLET'S PATENTED COMPOSITE CONSTRUCTION

All Pallet structures have been designed utilizing aerospace construction methodology and materials, each shelter is lightweight, strong, and durable.

Aluminum Load Frame

T6061 aircraft grade aluminum cross sections serve as a structural frame that allows our shelters to be rated to handle wind speeds of up to 110 mph and endure snow loads of 25 lbs. per square foot. The HD structural frame can withstand wind speeds of up to 170 mph and endure snow loads of 50 lbs. per square foot.



Composite Sandwich Construction Wall Panels

With a rigid outer skin and a lightweight foam interior, these custom engineered panels provide incredible strength and insulation properties in a lightweight package. Offered in 0.5" and 1.5" thickness, they are easy to clean and maintain so energy is focused on residents and community, not village upkeep.



Safety Systems

Our shelters are designed to meet or exceed industry guidelines. Local authorities inspect them before residents move in. Each shelter is equipped with smoke/carbon monoxide detectors, interior and exterior lighting, ample electrical outlets, and an emergency egress door. An on-site service provider also ensures resident safety.



HYGIENE

Pallet Hygiene Units

Designed for comfort, function, and privacy, all Pallet hygiene units use standard bathroom fixtures and layouts. Each unit is easy to install and maintain, with complete plumbing and power systems in place upon delivery. Adding these facilities to a village is as simple as placing them, installing fixtures, and connecting to standard infrastructure lines.

Infrastructure Needs

Pallet hygiene units are a flexible system that can be installed on a wide variety of surfaces and connected to a number of power sources and standard sewer service lines.



Two-Stall Hygiene

Easy to maintain : Simple layout with easy-to-clean materials and surfaces.

Dignified : The privacy and comfort of lockable doors and standard residential fixtures.

Proven : Thousands of shelters in use since first introduced in 2016.



Two-stall Hygiene

Based on the proven durability and longevity of the Shelter 100, this hygiene structure provides a private, lockable space with flushable toilet, a sink, and a shower in each of its two rooms. Easy to install, clean, and maintain, the Pallet Two-Stall Hygiene unit is an essential part of a dignified shelter community.

Features

- Standard flush toilets and hot/cold water sinks and showers
- Standard sewer and electrical hookups for easy installation
- Locking doors
- Heat, AC, exhaust fan, humidity sensor come standard
- Standard manufacturer warranty
- Resistant to mold and pests



Technical Specifications

SIZE (NOMINAL)	13'8" wide x 7' deep x 9'3" high
SQUARE FOOTAGE	100 sq. ft.
WALL AND ROOF THICKNESS	1.5"
INTERIOR HEADROOM	107" max. / 90" min.
SHELTER WEIGHT	2234 lbs
WATER HEATER	Electric on demand
COMFORT CONTROL	Electric AC/heater combo wall unit
WIND RATING	110 mph
SNOW LOAD RATING	25 lbs./sq. ft.

Accessible Hygiene + Half Bath

Accessible: Designed with accessibility features and layout that satisfies most local codes.

Proven: Thousands of shelters in use since first introduced in 2016.

Dignified: The privacy and comfort of lockable doors and standard residential fixtures.



Accessible Hygiene + Half Bath

The same features as our standard unit with the added benefit of an additional half bath. Perfect for adding bathroom capacity or as an admin staff bathroom, this 100 square foot unit offers turnkey installation ease, and familiar residential fixtures.

Features

- Standard flush toilets and hot/cold water sinks and showers
- Fold down bench and changing area
- Standard sewer and electrical hookups for easy installation
- Second half bath unit for admin staff
- Standard manufacturer warranty
- Resistant to mold, and pests
- Locking doors



Technical Specifications

SIZE (NOMINAL)	13'8" wide x 7' deep x 9'3" high
SQUARE FOOTAGE	100 sq. ft.
WALL AND ROOF THICKNESS	1.5"
SHELTER WEIGHT	2216 lbs
INTERIOR HEADROOM	107" max. / 90" min.
WATER HEATER	Electric on demand
COMFORT CONTROL	Electrical AC/heater combo wall unit
WIND RATING	110 mph
SNOW LOAD RATING	25 lbs./sq. ft.

Laundry

Easy to setup : Structure comes assembled with standard connections for washers and dryers.

High capacity : With space and connections for four washers and dryers to support large village populations.

Durable : Built to handle wind, snow, and rain.



Laundry

Built on the proven Shelter 100 platform featuring space for four full-size washers and dryers, the Pallet Laundry unit is the perfect way to round out a full-service village. With an accessibility focused layout and featuring a folding table, wash sink, lighting, and climate control the Pallet Laundry unit is a plug-and-play solution.

Features

- Folding laundry table
- Utility sink
- Resistant to mold and pests
- Standard manufacturers warranty
- Space for full sized washers and dryers



Technical Specifications

SIZE (NOMINAL)	13'8" wide x 7' deep x 9'3" high
SQUARE FOOTAGE	100 sq. ft.
WALL AND ROOF THICKNESS	1.5"
SHELTER WEIGHT	1355 lbs
INTERIOR HEADROOM	107" max. / 90" min.
WATER HEATER	Electric on demand
COMFORT CONTROL	Electrical AC
WIND RATING	110 mph
SNOW LOAD RATING	25 lbs./sq. ft.

Accessories

No shelter is complete without features that provide a comfortable and productive interior environment for the resident. These options are designed for efficiency, durability, dignity, and comfort.

Bunk Kit

Add sleeping capacity to our 64 and 100 square foot shelters with this sturdy, foldable bunk. Its lightweight aluminum frame lets residents fold it flat against the wall to create extra space for daytime use.

- Foldable design for extra space
- Sturdy aluminum frame rated up to 350 lbs.



Desk

A multi-use addition to any shelter, our collapsible desk gives residents a place to sit and eat, read, or work. It's made with solid aluminum framing and folds flat against the wall.

- Collapsible design saves space when not in use
- Sturdy aluminum construction supports up to 150 lbs., evenly distributed



Mattress

Made of a comfortable, durable foam, our mattress is six inches thick. It's easy to clean, soft, and custom-made for our bunks.

- Supportive and comfortable foam construction
- Easy to clean with machine-washable cover



ACCESSORIES



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