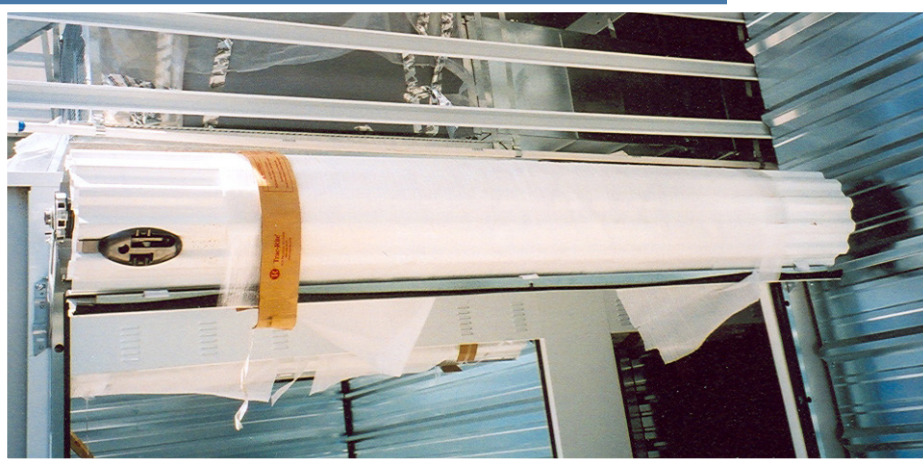




Temperature Control Self-Storage System

For Roof Pitches 1":12" to 8":12"

20-gauge bright white flush hallway with louvered headers. Burglar bars are installed to fill gaps larger than 7".



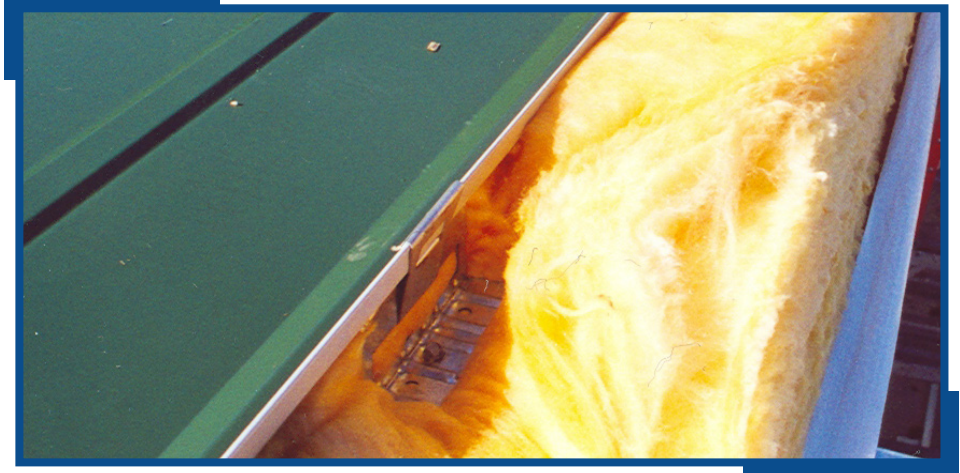
Square duct is located throughout the length of the hallway with vents forcing air into each unit.

Diffuser is cut into the duct to vent air into the unit. Sprinkler pipes can also be seen in this photo.



High Pitch Temp Control

Fiberglass insulation is typical for all climate-controlled buildings. Local energy code may dictate the amount needed. This photo illustrates Trachte's colored standing seam roof, however, a R-panel roof can also be used with this insulation.



In a climate-controlled building, the wall that separates the climate-control and non-climate control units must be insulated. A 4" R13 insulation is installed on the columns provided. Then the wall is covered with metal liner panel, so that there is no exposed insulation that can be damaged.

The optional bright white flush ceiling conceals duct work. Lights are then attached to the ceiling. This customer utilized a flush header because some building codes do not allow the corridor to be the cold air return.



A HVAC unit installed inside a storage unit. May require enclosing unit with fire walls and a fire door.

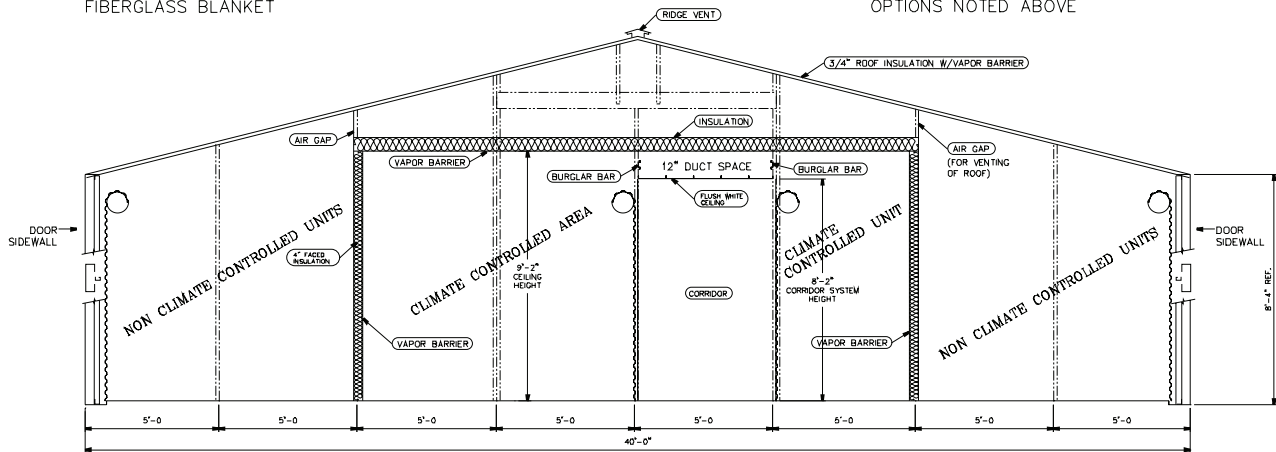


INSULATION:
 FIBERGLASS BLANKET IS RECOMMENDED
 R-19 = 6" OF INSULATION WITH VAPOR BARRIER
 R-32 = 10" OF INSULATION WITH VAPOR BARRIER
 R-38 = 12" OF INSULATION WITH VAPOR BARRIER

ADDITIONAL BLOWN IN FIBERGLASS INSULATION
 MAY BE INSTALLED ON TOP OF THE
 FIBERGLASS BLANKET

VENTING REQUIREMENTS:
 1) BUILDING CODE REQUIRES VENTING OF AN
 ENCLOSED ATTIC SPACE.

VENTING OPTIONS:
 1) RIDGE VENT (SHOWN)
 2) POWER VENT
 *ADDITIONAL STRUCTURE MAY BE
 REQUIRED TO SUPPORT THE VENTING
 OPTIONS NOTED ABOVE



(A) TYPICAL SECTION OF PARTIAL CLIMATE CONTROLLED, STEEPER PITCHED BUILDING
 PARTITION PANEL NOT SHOWN, SEE PARTITION DETAILS
 312_40INTFRAMING

TERRACE BUILDING SYSTEMS, INC.
 The design of all units is based on
 the following assumptions:
 1. Units are installed in a building with
 proper ventilation and air conditioning.
 2. Units are installed in a building with
 proper fire protection.
 3. Units are installed in a building with
 proper electrical service.
 4. Units are installed in a building with
 proper plumbing service.

TBS
 PARTIAL CLIMATE CONTROL
 WINDOW SECTION

Here is a typical detail of a partially climate controlled building. The units on the exterior are not climate control, the interior units are climate control. The exterior units allow for some ventilation of the attic space. Additional ventilation may be required.

High Pitch Temp Control

HVAC unit is normally placed inside recessed area. Notice the heating unit is vented out of the same area.

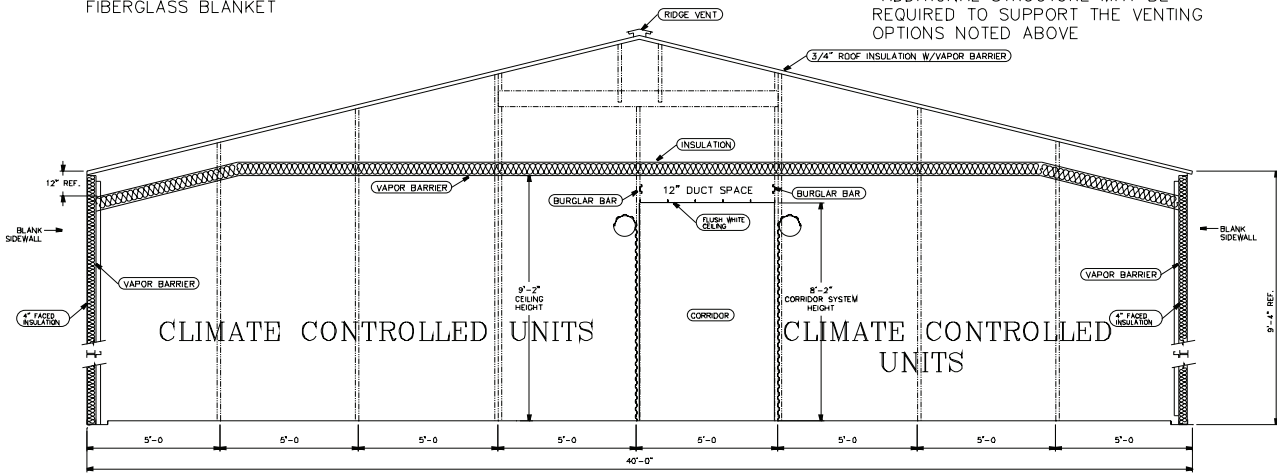


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(A) TYPICAL SECTION OF CLIMATE CONTROLLED STEEPER PITCHED BUILDING
 PARTITION PANEL NOT SHOWN, SEE PARTITION DETAILS
 3-12CLIMATECON

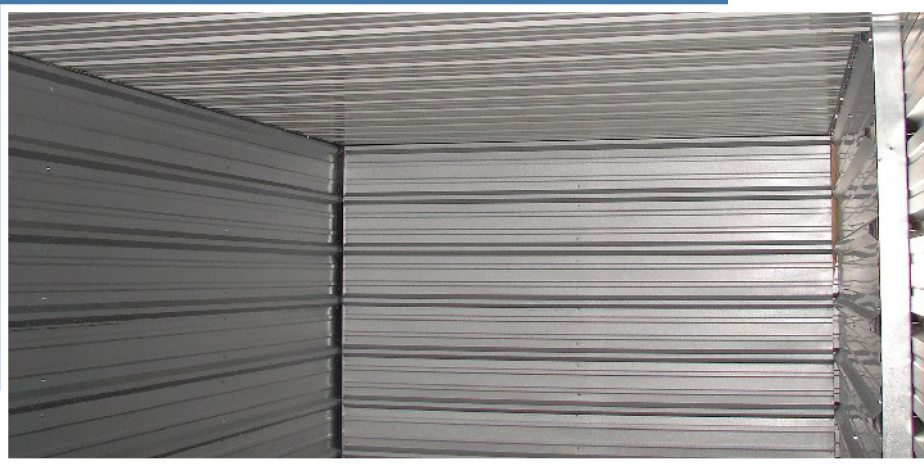
TRACIE BUILDING SYSTEMS, INC.
 An energy efficient building system
 10000 10th Street, Suite 100
 Houston, Texas 77036
 (281) 410-1000 (toll free 1-800-451-1000)
 or visit our website at
 www.traciebuilding.com



PARTIAL CLIMATE CONTROL
 WINDOW SECTION

This climate controlled building has no exterior doors, so each unit is climate controlled. This type of building requires the attic space to be vented. The following photos will show venting options when using ridge vents or power vents, in order to accomplish the air circulation needed to prevent condensation in the attic.

29 gauge galvalume or 26 gauge iced white panel is installed as a ceiling. The panel is typically installed at a height of 9'2".



Inside each unit is a metal ceiling.

In a partially climate controlled building, there is a large open area to the non-climate controlled unit in order to receive proper air flow. The exterior door allows for air penetration.



High Pitch Temp Control

Rolls of fiberglass insulation are rolled out. The first roll should have a vapor barrier or a vapor barrier should be put down first. Additional fiberglass may be added for additional R-value. Blown-in insulation is not recommended since each cut panel around the columns must be taped to prevent the insulation from falling into a unit.



Optional ridge vents may be installed at the peak of the building to vent the attic space. The ridge vents are 8' long. The number required depends on the size, type of building, and geographical location.

Ridge vents on a partially climate controlled building. The ridge vents are painted the same color as the roof, or may be accented. Trachte offers a limited number of colors.



To ensure proper ventilation, it may be necessary to include power vents to ventilate the attic space. Typically there will be two vents, one intake and one exhaust.



An outside view of the power vents. The owner installed the power vents on the back side of the building so they are not visible from the main road.

This building has an attic space which contains the ductwork.



High Pitch Temp Control

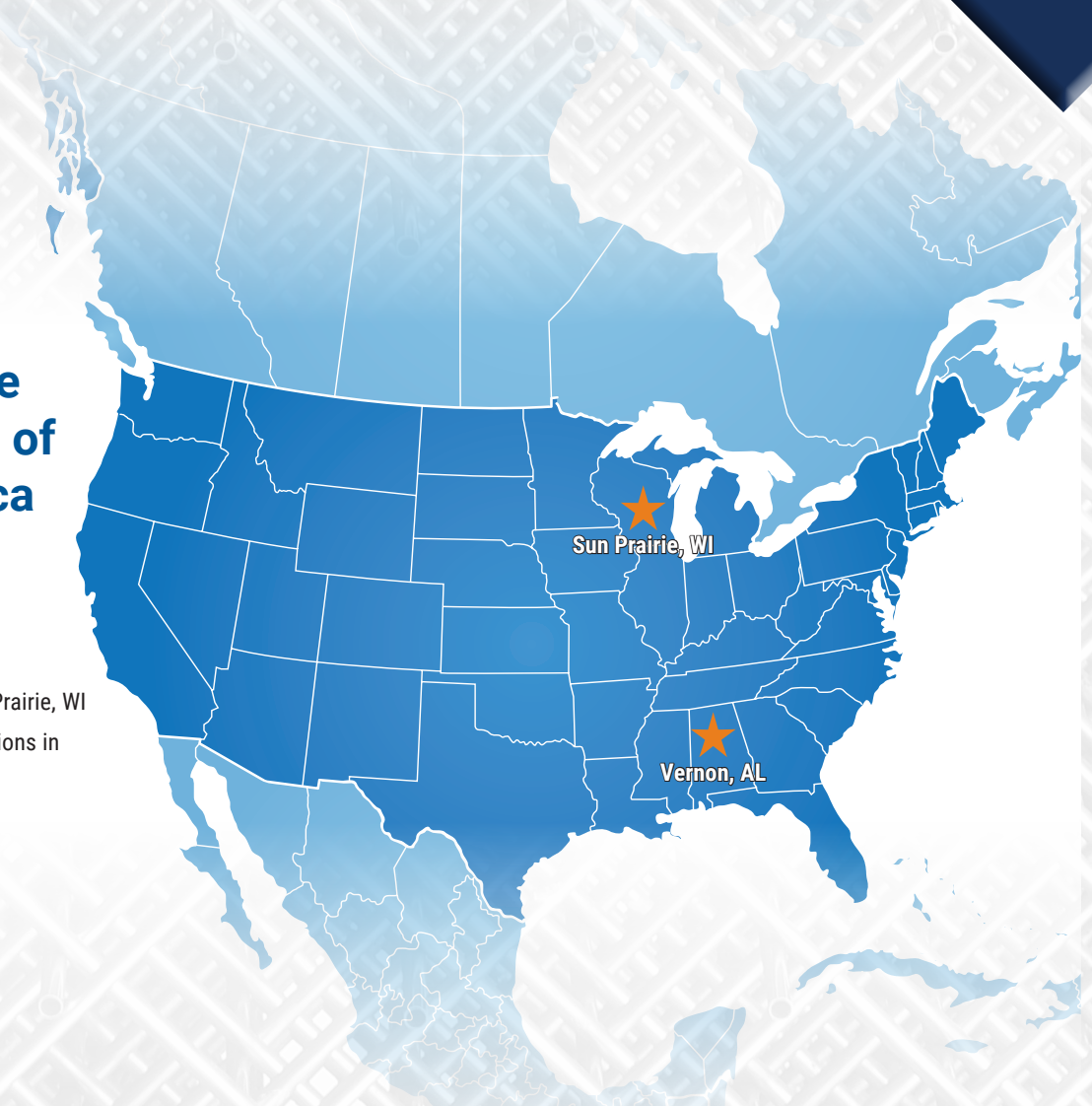
It will be advantageous to your business to advertise as much as possible that you have climate control.



DESIGN. MANUFACTURE. ERECT.

**We distribute
throughout all of
North America**

Trachte is headquartered in Sun Prairie, WI
and have opened additional locations in
Madison, WI and Vernon, AL.



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