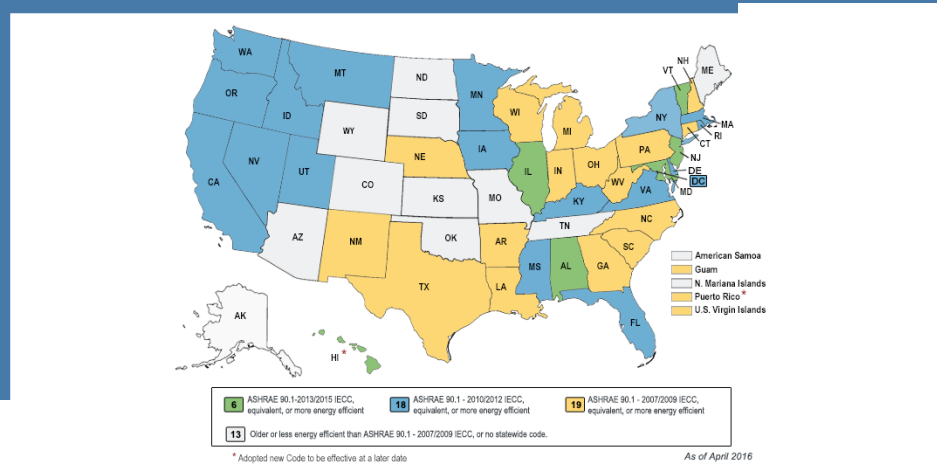
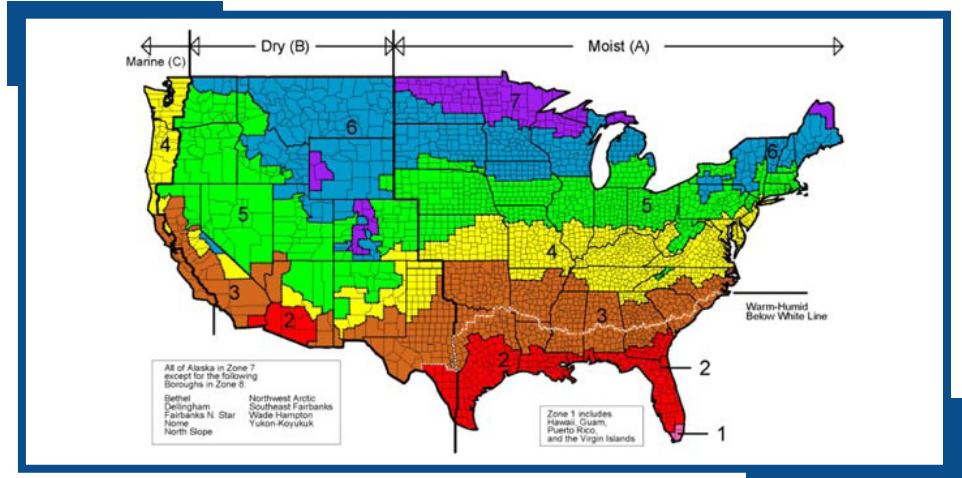




Temperature Control Self-Storage System

For Roof Pitches 1/4":12" to 1/2":12"

Each area of the country has a different temperature zone. This map shows the zones. When your state/municipality adopts the 2015 IECC code you will be required to follow the insulation requirement for these zones.



Here is the map of the states that have adopted the 2012 IECC code. Please check with you municipality to know if you must comply.

Smaller ducts branch off the main duct to direct air into each unit. The opening size above the corridor may vary from 2" - 7".



Low Pitch Temp Control

Lighting can be installed on either side of the hallway or on both sides as shown in the photo.

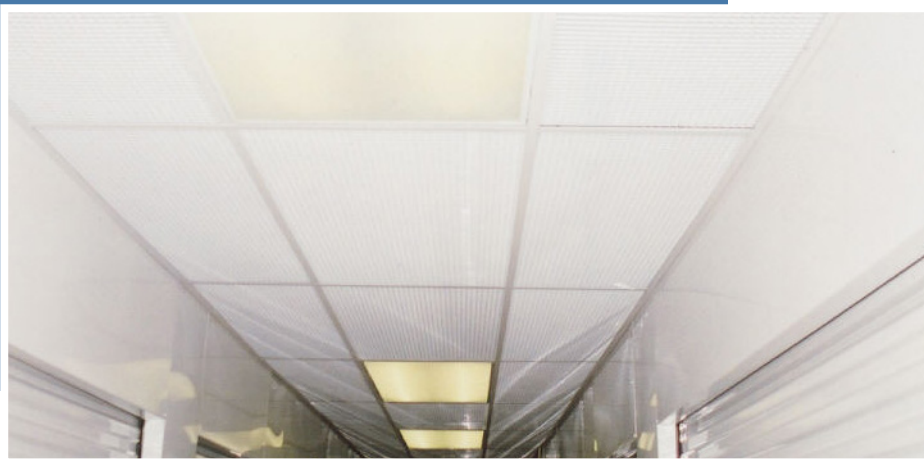


Lights are centered on the finished ceiling and all duct work is hidden. Note: Some building codes do not allow the corridor to be the cold air return, so this customer utilized a flush header.

If a flush ceiling is purchased, it is installed after the duct work is completely finished. Note: This customer purchased our optional louvers in the header.



An optional soffit ceiling can be purchased with a 4' LED light placed every 10".



You can supply your own suspended ceiling and have the lights recessed.

A mechanical unit contains all electrical and the furnace inside. Trachte typically supplies a louvered swing door for this application.



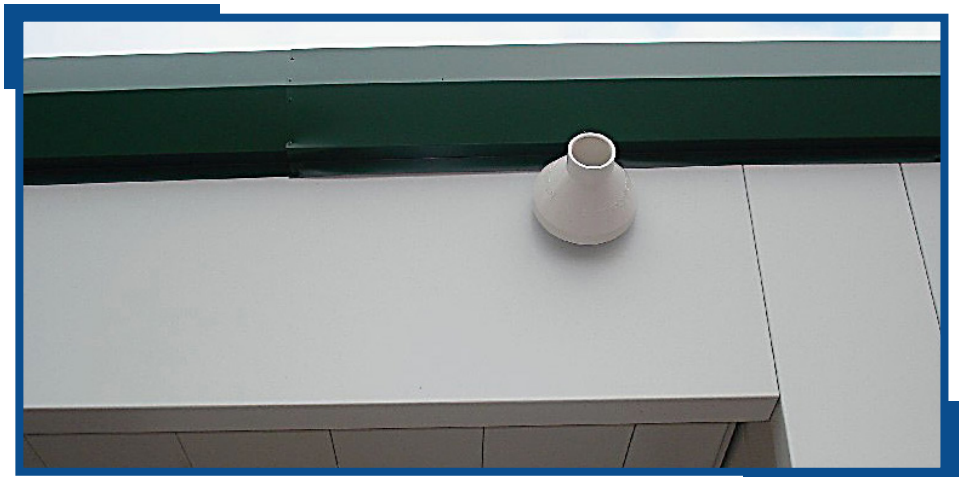
Low Pitch Temp Control

A 10' wide, 5' deep recessed hallway allows the air conditioning unit to be located outside and be protected by the building.

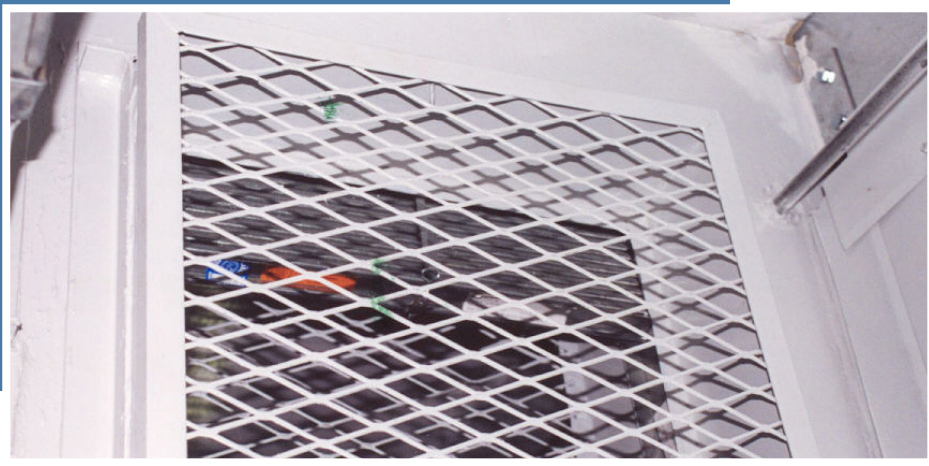
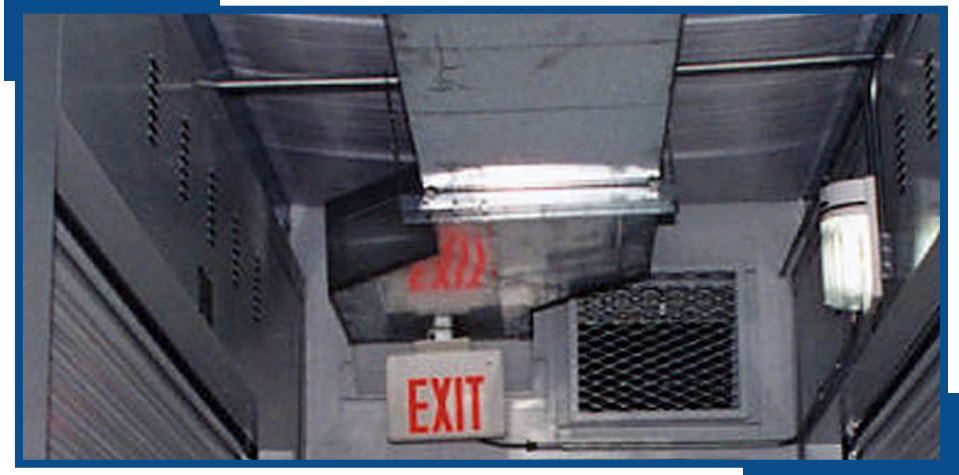


Furnace ducts are routed alongside the duct towards the exterior of the building.

The furnace duct exits the building through the side, not the roof, which prevents leaks.



A special damper is needed if you must duct through a fire wall.



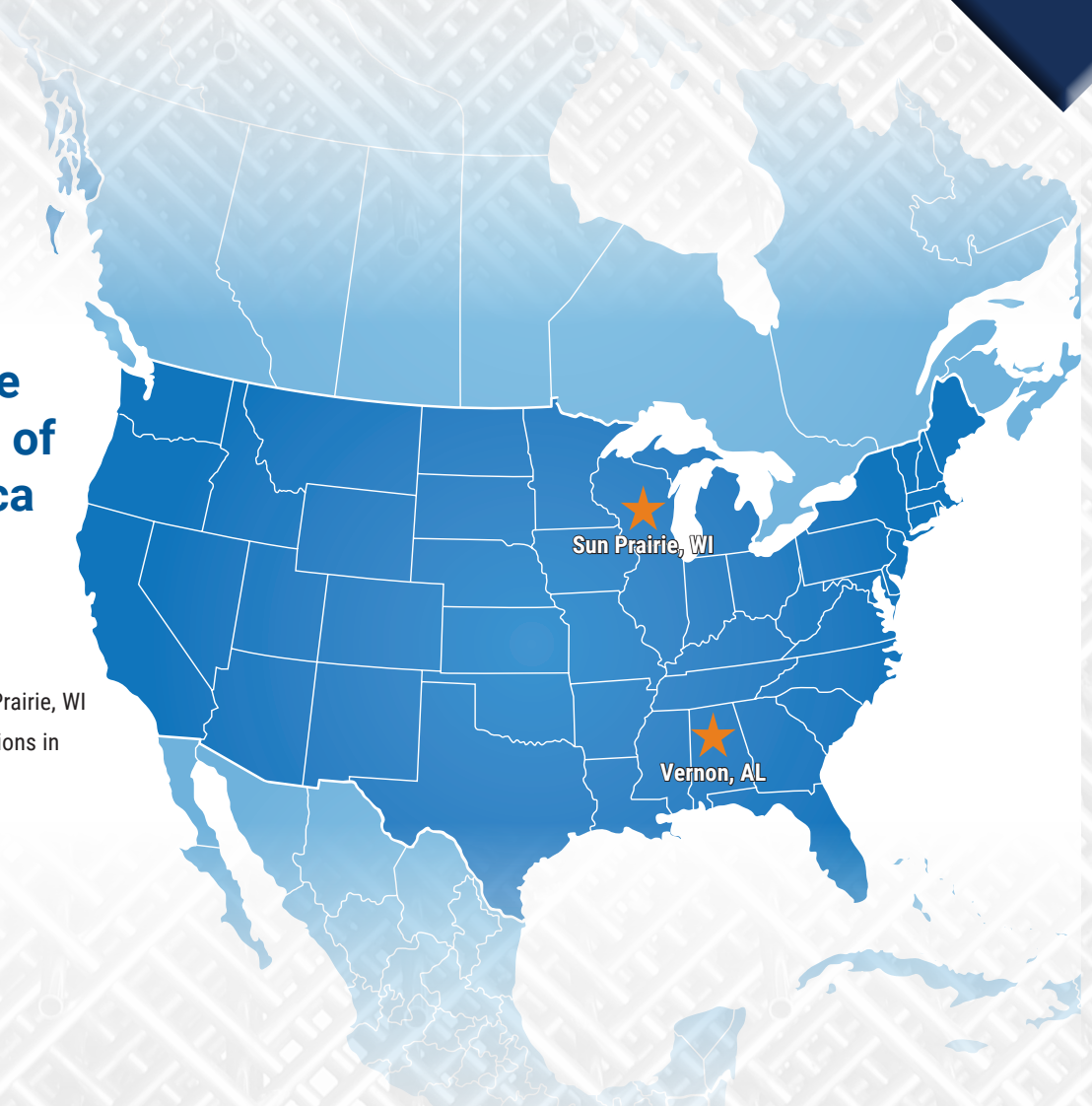
A photo of a return damper for a fire wall.



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