

HVAC Systems



This unit offers energy-efficient cooling and heating in a single, self-contained design. It effectively cools up to 11,700 BTUs per hour. The removable condenser shroud provides easy access to the coils for regular cleaning and features washable, pull-out filters. Each unit undergoes thorough testing at the production facility and is proudly assembled in the USA. The unit automatically activates the fan motor and heater to prevent freezing when temperatures drop to 40°F. Additionally, there's a thru-wall option available, the Packed Terminal Air Conditioner, which features vents and heat sinks both inside and outside, and is designed with longer dimensions.



These units are similar to wall-mounted units in that the air condenser and air handler are integrated into a single unit. However, the Coleman unit is designed to be mounted on the building's roof. It features an air diffuser on the interior ceiling, which also contains the unit's controls, unless an optional external thermostat is purchased. These units are intended for use only on flat roofs to prevent condensation leaks.



BARD (Wall-Hung Package Unit) systems are typically used for larger spaces that require a heating and cooling solution that can be easily relocated with the building. The system combines the air condenser and air handler into one unit, which is mounted on the exterior of the building. BARD units can also be paired with ductwork to heat or cool multiple rooms using a single unit. When using BARD units, two key considerations are: Is there enough ambient (cool) air available to support the system? And where will the condensation line drain?



Mini Split Systems are commonly used when adding HVAC to a new room or office in an existing building. Since there are no hallways to heat or cool, the air handler can be installed on the wall or ceiling of the new space without the need for ductwork. These systems feature an air condenser located outside, which supplies an air handler inside the building. Mini-split systems can also be used to cool multiple rooms. If there is no hallway or large space between the room and the exterior, a mini-split system is an ideal solution.