

HVAC Systems



This unit provides energy-efficient cooling and heating in a single, self-contained design, effectively cooling up to 11,700 BTUs per hour. The removable condenser shroud allows easy access to the coils for regular cleaning and includes washable, pull-out filters. Each unit undergoes 100% 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 reach 40°F. Additionally, there's a thru-wall option available, the Packed Terminal Air Conditioner, which features vents and heat sinks on both the interior and exterior, and has a longer dimension.



These units are similar to wall-mounted units, as they combine the air condenser and air handler into one unit. However, the Coleman unit is designed to be mounted on the roof of the building. An air diffuser is installed on the interior ceiling, which also contains the controls for the unit, unless an optional external thermostat is purchased. These units should only be used on flat roofs to prevent condensation leaks.



BARD (Wall-Hung Package Unit) systems are typically used for larger areas that require a heating and cooling solution that can easily be moved with the building. The system consists of both an air condenser and an air handler, integrated into a single unit that is mounted on the exterior of the building. BARD units can be paired with ductwork to heat or cool multiple rooms using a single unit. Two important factors to consider when using BARD units are: Is there enough ambient (cool) air 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 room without the need for ductwork. These systems work with 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.