

HVAC SYSTEMS



Wall Unit

Energy efficient cooling and heating performance in one self-contained unit. Effectively cools up 11700 BTU's per hour. Removable condenser shroud permits convenient access to coils for regular cleaning, and includes washable, pull-out filters. All units are 100% run-tested at the production facility in Tennessee, and proudly assembled in America. Unit will automatically activate fan motor and heater to prevent freezing when temperatures of 40 degrees Fahrenheit are sensed.



Roof Unit

We use roof units on guard booths, especially the quick ships. These units are similar to BARD units, in that the air condenser and air handler are combined into one unit - however, the Coleman unit mounts on to the roof of the building. There is an air diffuser on the interior ceiling which also houses the controls for the unit unless the optional external thermostat is purchased. Because these units have a condensation pan (which relies on evaporation) instead of a condensation drain line, roofmounts should only be used on flat roofs to avoid drippage.



BARD Unit

BARD (Wall Hung Package Unit) Units are generally used for larger areas that need a heat/cool system that can easily be transported with the building. The system is still comprised of an air condenser and air handler, but they are contained in the same unit that is visible hanging on the exterior of the building. BARD units can be used in conjunction with ductwork to heat/cool multiple rooms with one unit. Two important considerations when using BARD units: is there sufficient ambient (cool) air to feed the system? where will the condensation line drain to?



Mini Split System

Mini Split Systems are often used when adding HVAC to a new room or office in an existing building. Because there are no hallways to heat/cool, the air handler can be located on the wall or roof of the new room without running ductwork. These systems still operate like a traditional split system: with an air condenser located outside which feeds an air handler located inside the building. These systems can be used to cool multiple rooms. However, if there is a hallway involved, either include an air handler for the hallway or consider a traditional split system.