

What Is a Package HVAC System?

A **package HVAC system** is an all-in-one heating and cooling unit that houses the compressor, coils, air handler, and sometimes the furnace, in a single outdoor cabinet. These systems are typically installed on rooftops or ground-level pads and are ideal for saving indoor space and simplifying installation. Unlike split systems, which have separate indoor and outdoor components, package systems streamline setup and maintenance by containing everything in one compact unit.



What's Included in the Installation

At Cumberland Cooling, we provide a **comprehensive, code-compliant installation** to ensure your new system operates efficiently and reliably. Below is a detailed breakdown of what is included:

✓ Removal and Prep

- Safe **removal and disposal of old HVAC equipment**.
- Site evaluation and **preparation for new system** installation.

✓ Ductwork Assessment

- **Inspection and repair of the first 5 feet** of supply and return ducts connected to the unit.
- **Installation of new ductwork transition fittings** to ensure airtight connections to the equipment.

✓ Structural and Weatherproofing

- **New equipment pad** (ground-mount) or proper platform for rooftop units.
- Installation of **new sheet metal flashing** to seal penetrations and prevent water intrusion.
- **Rodent barrier** installed around the equipment to prevent pest intrusion.

✓ Electrical and Controls

- **New high-voltage conduit and wiring** for equipment hookup.
- **Installation of a surge protector** at the unit for added electrical protection.

- **Protective sheathing for thermostat wire** to prevent wear and damage.
- **New standard thermostat** installation and wiring.

✓ **System Setup and Balancing**

- **Full system start-up** with complete function testing.
- **Airflow balancing** to ensure even temperature distribution.
- **Gas pressure adjustment** (if applicable) for optimal furnace performance.
- **Refrigerant balance and charge** for cooling efficiency.

✓ **Finishing Touches**

- Complete **cleaning of all materials and debris** from the job site.
- Final **system inspection** and customer walkthrough.

Not Included (Unless Quoted Separately)

- Major ductwork redesign beyond first 5 feet.
- Electrical panel upgrades or circuit extensions beyond provided scope.
- Crane service (if required for rooftop placement).
- Smart or Wi-Fi-enabled thermostats (available upon request).
- Indoor air quality upgrades (e.g., filters, UV lights, humidifiers).

Warranty & Support

- Warranty details are described in the specifics of your quote.
- Manufacturer's warranty for most hvac systems is a 10 years parts warranty, when registered.
- Optional **maintenance plans** available for ongoing support.
- Bi annual maintenance is required for some brands of equipment for the full labor warranty. See details within your quote.