

Emily Clark

Hvac Installer

ABOUT ME

HVAC installer with 6 years on residential and light-commercial jobs. Comfortable running the full install solo, from setting the condenser pad to commissioning the system and walking the homeowner through the thermostat. Universal refrigerant handling certified and holding a South Carolina journeyman mechanical license in good standing.

PROFESSIONAL EXPERIENCE

HVAC Installer

Blueline Heating & Air, Greenville, SC | 2021 - Present

- Run 3-4 residential changeouts per week solo (split systems, heat pumps, packaged units) and finish 92% of same-day jobs without a callback in the first year.
- Braze line sets under nitrogen purge, pull vacuum below 500 microns, and weigh in refrigerant charge to spec instead of subcooling guesses.
- Fabricate transitions and plenum boots on site for older homes where the return drop doesn't match the new air handler.
- Trained two apprentices on flare vs. brazed connections, condensate trap sizing, and how to read a manufacturer install manual before opening the box.

HVAC Install Helper

Carter Mechanical Services, Spartanburg, SC | 2019 - 2021

- Assisted lead installers on 180+ residential system replacements, handling equipment setting, duct connections, and line-set routing.
- Ran refrigerant recovery on old R-22 systems using recovery machines and approved cylinders, kept recovery logs current.
- Cut and hung sheet metal supply trunks and flex runs in crawl spaces and attics, sealed joints with mastic instead of tape only.
- Took the universal refrigerant handling exam and passed on the first sitting.

CONTACT INFORMATION



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EDUCATION

**HVAC and Refrigeration
Technology Certificate,
Greenville Technical College,
2019**

**Universal Refrigerant Handling
Certification, 2020**

**South Carolina Journeyman
Mechanical license, 2023**

KEY SKILLS

- Split system and heat pump installation
- Brazing under nitrogen purge
- Vacuum pulldown and micron gauge use
- Refrigerant charging by weight and subcool
- Sheet metal fabrication and duct sealing
- Line-set routing and insulation
- Condensate trap and drain design
- Electrical hookup, disconnects, whips
- Manual J load review (basic)
- Startup, commissioning, customer walkthrough