



Emma Perez

Hvac Installer

Five years running residential and light-commercial HVAC jobs across the Puget Sound region. Strong on heat pump conversions, ductless mini-splits, and gas furnace changeouts. Universal refrigerant handling certified, Washington 06A Electrical Specialty in progress.

CONTACT INFORMATION



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Tacoma, WA 12345

EDUCATION

HVAC and Refrigeration Diploma,
Perry Technical Institute, 2020

Universal Refrigerant Handling
Certification, 2021

Air Conditioning Installation Specialty
Certification, 2023

KEY SKILLS

- Heat pump and dual-fuel installation
- Ductless mini-split, single and multi-zone
- Gas furnace changeouts and venting
- Brazing under nitrogen purge
- Vacuum, evacuation, and charge by weight
- Sheet metal fabrication (basic transitions)
- Line-set routing, insulation, wall penetrations
- Electrical hookup, disconnects, low voltage
- Condensate lines, traps, float switches
- Startup, commissioning, homeowner walkthrough

PROFESSIONAL EXPERIENCE

HVAC Installer | Cascade Comfort Pros, Tacoma, WA
2022 - Present

- Complete 3 install jobs per week solo, mostly heat pump changeouts driven by the state efficiency rebate program.
- Set 14 ductless mini-split systems in Q2 across single-head and multi-zone configurations, no comeback tickets on any of them.
- Braze line sets under nitrogen, pull vacuum to spec, and weigh in charge per manufacturer, document readings on the install checklist.
- Handle electrical from disconnect to air handler including whip fabrication and low-voltage thermostat wiring.
- Walk homeowners through filter changes, thermostat programming, and warranty registration before leaving the driveway.

HVAC Installer | Sound Mechanical LLC, Olympia, WA
2020 - 2022

- Two-man crew on around 200 residential installs, alternated lead and helper role depending on job complexity.
- Fabricated custom sheet metal transitions in the shop for retrofit jobs where a factory boot didn't fit.
- Ran condensate lines with proper trap and slope, added float switches on attic installs to prevent ceiling damage claims.
- Passed the universal refrigerant handling exam during first year with the company.