

Heating, Air Conditioning, and Refrigeration Mechanics and Installers

49-9021.00



Description: Install or repair heating, central air conditioning, HVAC, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.

Other Resources:

[ONET Link](#)

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Sample of Reported Job Titles: A/C Tech (Air Conditioning Technician), HVAC Installer (Heating

Job Zone

Title: 3 - Medium Preparation Needed

Education: Require training in vocational schools, related on-the-job experience, or an associate's degree.

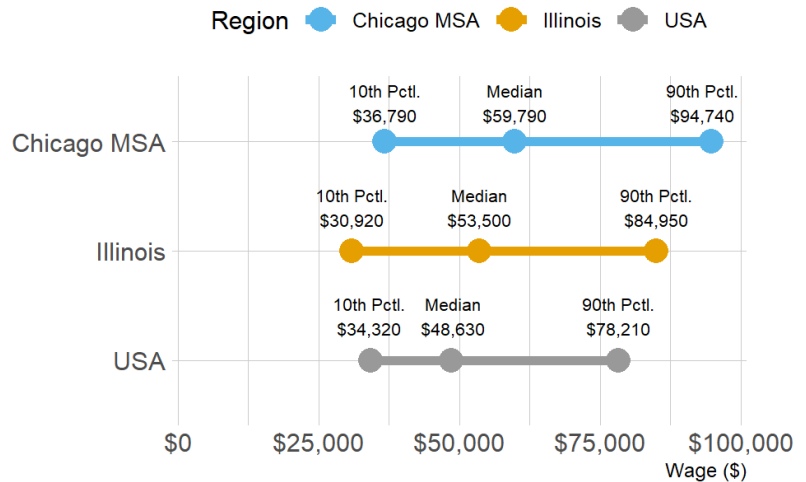
Experience: Previous work-related skill, knowledge, or experience is required.

Training: One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

Core Certifications: EPA Section 608 Certification - Refrigerant Handling, Air Leakage Control Installer, Certified Industrial Refrigeration Operator

Hot Technologies: Adobe Systems Adobe Acrobat, Autodesk AutoCAD, Computer aided design CAD software, Database software, HVAC tools software, IBM Notes

Region	Employment	Location Quotient	Median Wage
Chicago MSA	6,770	0.63	\$59,790
Illinois	9,360	0.66	\$53,500
USA	356,960	—	\$48,630



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Test electrical circuits or components for continuity, using electrical test equipment.	Daily	89
Repair or replace defective equipment, components, or wiring.	Daily	88
Discuss heating or cooling system malfunctions with users to isolate problems or to verify that repairs corrected malfunctions.	Daily	87
Connect heating or air conditioning equipment to fuel, water, or refrigerant source to form complete circuit.	More than monthly	84
Install, connect, or adjust thermostats, humidistats, or timers.	Daily	84