HEATING, AIR CONDITIONING, HOT WATER and REFRIGERATION MECHANICS / CONTRACTORS / INSTALLERS

HVAC Mechanics test pipe or tubing joints or connections for leaks, using pressure gauge or soap-and-water solution; test electrical circuits or components for continuity, using electrical test equipment; and repair or replace defective equipment, components, or wiring.

<table>
<thead>
<tr>
<th>ENTRY-LEVEL WAGE</th>
<th>MID-LEVEL WAGE</th>
<th>HIGH-LEVEL WAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>$14.90</td>
<td>$22.42</td>
<td>$34.19</td>
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</tbody>
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**KNOWLEDGE**
- Mechanical
- Customer and Personal Service
- Building and Construction
- Design
- Physics

**SKILLS**
- Equipment Maintenance
- Installation
- Quality Control Analysis
- Troubleshooting
- Operation Monitoring

**COMMON CERTIFICATIONS**
- OSHA 10 Hour
- Manual J
- Manual S
- Manual D

**Required Level of Experience**
- No formal work experience in comparable positions required: 6%
- Up to 12 months in a comparable position: 20%
- One to three years in a comparable position: 43%
- More than three years in a comparable position: 16%
- More than five years in a comparable position: 15%

**Required Level of Education**
- High school diploma or less: 42%
- Certification (Specify): 1%
- Associate degree: 10%
- Bachelor’s degree: 43%
- Master’s degree or higher: 16%

**Healthcare Benefits**
- 51% Full Benefits
- 32% Partial Benefits
- 17% No Benefits

**Retirement Benefits**
- 68% With Benefits
- 32% No Benefits

**Paid Vacation**
- 76% With Benefits
- 24% No Benefits
Massachusetts does not require a specific license for general HVAC technicians and contractors, but the state does require licensing for specific job functions that technicians may be involved in depending on job requirements. These include the following: Refrigeration Technician License, EPA Section 608 Certification, Oil Burner Technician Certificate, and Sheet Metal Workers License.