



Attic Air Handlers / Furnaces Installation Inspection Checklist

This checklist is a guide and does not include all code requirements.

Mechanical Requirements:

- Attic access panel size must be 22" x 30" minimum. IRC R807
- Attic passageway to unit must be 22 inches wide attached to supporting structure. IRC M1305.1.3
- Each appliance shall have a 30" X 30" level working space / platform on the control side for service and repair. IRC M1305.1.3
- Drain pan required under unit in attic. IRC M1411.3.1
 - Condensate must discharge to outside or to an approved drain, not into a vent pipe.
 - Condensate drain needs two (2) sources of discharge: (1) main drain and (2) an emergency/secondary drain or cut-off switch. IRC M1411.3.1
 - Condensate traps installed in attic must be insulated. IRC P3001.2
- Supply and return ducts (duct board and flexible ducts) in attic must be R-8. IRC N1103.3
- 80 plus gas furnaces must have listed B-Vent assembly with clearances to combustibles and roof terminations in accordance with the manufacturer's installation instructions. IRC G2427.1

Electrical Requirements:

- Light(s) and switch needed at service side of appliance and at entry of access opening. IRC M1305.1.3.1
- Circuit breakers for the attic air conditioning or furnace unit must be identified / labeled in the electrical panel. Tandem breaker may be needed in a 20 or 30 position circuit panel or subpanel may be needed. Note: Tandem breakers are only approved in locations specified in the panel's manufacturer's UL listing. IRC E3403.3
- All lights subject to physical damage must be protected with a metal cage if less than 6' 6" from the top of the truss bottom chord or ceiling joist. IRC M1305.1.4.3, E3404.10
- Single conductors on circuit breakers unless breaker approved for 2 conductors under a circuit breaker device screw. (Nut and make tails if terminal rated for 1 conductor) IRC E3406.10
- White wires used as phase conductors at the attic unit and electric panel must be identified as current carrying conductors (marked with black or red tape). IRC E3407
- Protect wires from physical damage in new and existing installations within a 6 feet radius from the attic access opening. IRC E3802.2
- Grounded 120-volt receptacle required in attic at or near the appliance. IRC E3901.12
- Grounded disconnect switch required in attic at or near the appliance. IRC E4101.5