

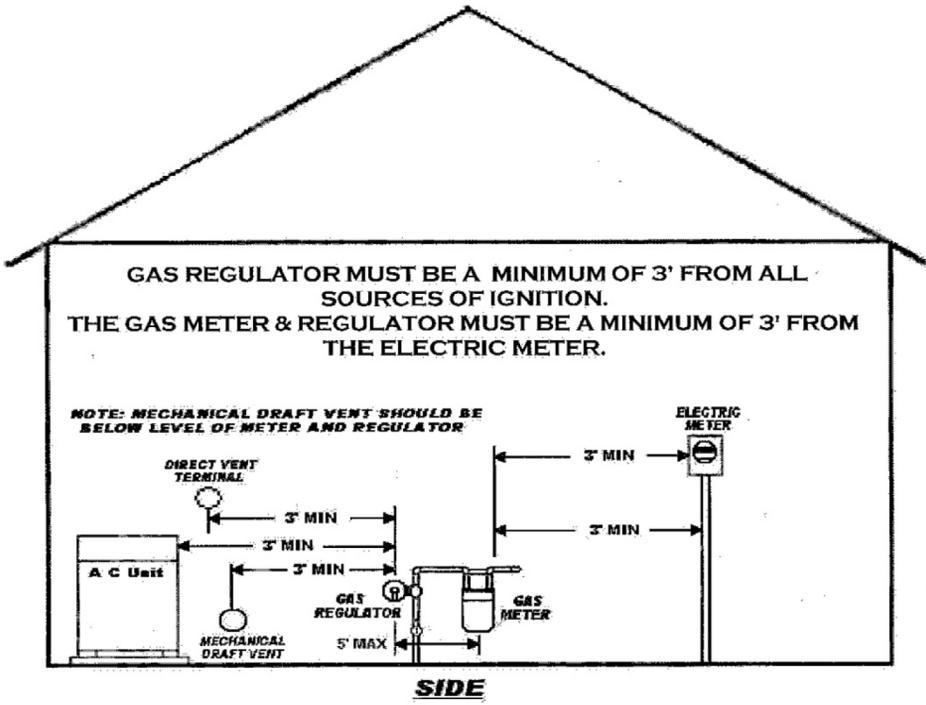


Air Conditioning Unit Installation Inspection Checklist

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

- Foundations/support pads for outside units must be raised at least 3 inches above finish grade or conform to manufacturer's installation instructions. IRC M1305.1.4.1
- Circuit breakers for the air conditioning unit must be labeled in the electrical panel. Tandem breaker may be needed in a 20 or 30 position circuit panel or subpanel. Note: Tandem breakers are only approved in locations specified in the panel's manufacturer's UL listing. IRC E3403.3
- Single conductors on circuit breakers unless breaker approved for 2 conductors under a circuit breaker device screw. (Nut and make take tails if terminal rated for 1 conductor) IRC E3406.10
- White wires used as phase conductors in 208 - 240-volt single phase circuit located at AC unit and electric panel must be identified as current carrying conductors (marked with black or red tape). IRC E3407
- Verify minimum circuit ampacity and maximum circuit breaker size on air-conditioner listing label match wire size and circuit breaker installed for new ac unit. IRC E3702.11
- Access to disconnect may not be obstructed by the air conditioning unit. Install disconnect on either side of the unit and provide a clear working space width of 30 inches by 36 inches deep for service / maintenance access. Reductions in disconnect clearances considered on a case-by-case basis. IRC E3701.5.1
- All exterior wiring must be protected from physical damage by approved wiring methods, such as Liquidtight flexible nonmetallic conduit (Carflex) or liquidtight flexible metallic conduit (Sealtight). IRC E3802
- Carflex and Sealtight must be supported within 1 foot from both the disconnect and the unit. EMT to be secured within 3 feet of each box, cabinet or other termination. IRC Table E3802.1
- Wiring installed outside in any type of conduit/raceway above or below grade are wet locations. NM/Romex conductors are not approved for exterior installations. IRC E3802.7, E3803.10

RECOMMENDED CLEARANCES FOR GAS METER & REGULATOR INSTALLATIONS



**GAS REGULATOR MUST BE A MINIMUM 3' FROM ANY WINDOW, DOOR, 4' UNDER A WINDOW, 10' FROM A FORCED AIR INLET AND A MINIMUM 12" ABOVE FINAL GRADE.
GAS METER MUST BE A MINIMUM 3' FROM A DOOR.**

