

Residential HVAC Equipment Certification Form

Address: _____ Permit #: _____ Date: _____

Permit Holder: _____ Phone #: _____

HVAC SYSTEM SIZING AND SELECTION

Heating and cooling equipment shall be selected in accordance with Manual S, based on loads calculated in accordance with Manual J.

Design loads:

Design cooling load _____ (Btu/h)

Design heating load: _____ (Btu/h)

Equipment specifications:

Cooling system output capacity _____ (Btu/h)

Cooling equipment make: _____

Cooling equipment model: _____

Heating system output capacity: _____ (Btu/h)

Heating equipment make: _____

Heating equipment model: _____

- Building loads have been calculated in accordance with ACCA Manual J and equipment has been sized in accordance with ACCA Manual S.
- Specified cooling equipment does not exceed 1.15 times the design capacity or the next larger nominal size, whichever is greater. (*Exception: Heat pumps may exceed the design capacity by 1.25 times or the next nominal size.*)
- Specified heating equipment does not exceed 1.40 times the design capacity or the next larger nominal size, whichever is greater.

Whole-house mechanical ventilation (If applicable)

Required Air Flow _____ CFM (refer to HVAC Equipment Design Worksheet)

- The fan's rated air flow rate meets or exceed required air flow
- The fan's rated efficacy meets or exceeds values below:

Design Professional / Mechanical Contractor's Name: _____

Design Professional / Mechanical Contractor's Signature: _____ Date: _____