



SIZING OF HEATING AND COOLING EQUIPMENT AND DUCTS

INSTRUCTIONS

This form shall be completed and submitted to the field inspector for the following residential projects:

- new construction
- additions
- complete remodels (all interior walls and ceilings are removed, or home square footage is changed)
- complete new ac systems

Please note the form must be presented before the final mechanical inspection can be approved.

CODE INFORMATION

Below is an excerpt from the 2012 International Residential Code pertaining to this requirement:

***M1401.3 Sizing.** Heating and cooling equipment and appliances shall be sized in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies.*

***M1601.1 Duct design.** Duct systems serving heating, cooling and ventilation equipment shall be installed in accordance with the provisions of this section and ACCA Manual D or other approved methods.*

PROJECT AND CONTRACTOR INFORMATION

Address: _____	Company Name: _____
Project Number: _____	Contractor License: _____
Square Feet: _____	Number of Rooms: _____

HVAC EQUIPMENT SELECTION

<p><u>Cooling Equipment:</u></p> <p>Type: _____ Air Conditioner, Heat Pump</p> <p>Model: _____</p> <p>Serial: _____</p> <p>Total Cooling Capacity: _____</p>	<p><u>Heating Equipment:</u></p> <p>Type: _____ Gas, electric, LP</p> <p>Model: _____</p> <p>Serial: _____</p> <p>Total Heating Output: _____</p>
<p>Total number of systems: _____ (e.g., 1- 3 ton system, 2 – 5 ton systems)</p>	

ACKNOWLEDGEMENT

I declare for the above mentioned address the load calculations, equipment selection, and duct design were rigorously performed in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies.

I declare for the above mentioned address the duct sizing shall be installed in accordance with ACCA Manual D or other *approved* methods.

Printed Name: _____

Date: _____

Signature: _____