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MECHANICAL COMCHECK



COMcheck Software Version COMcheck-Web  
Mechanical Compliance Certificate

Project Information

Energy Code: 2012 IECC  
Project Title: CSC - Rome, GA  
Location: Rome, Georgia  
Climate Zone: 4a  
Project Type: New Construction

Construction Site: Client/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

Mechanical Systems List

- | Quantity | System Type & Description   |
|----------|---|
| 1        | HVAC System (Single Zone)<br>Heating: 1 unit - Central Furnace, Gas, Capacity = 130 MBtu/h<br>Proposed Efficiency = 80.00% EER, Required Efficiency = 80.00% EER (per 78% AFUE)<br>Cooling: 1 unit - Split System, Capacity = 97 MBtu/h Air-Cooled<br>Proposed Efficiency = 11.68 EER, Required Efficiency = 11.68 EER<br>Fan System: FAN SYSTEM 1   Drive = Constant (Motor Efficiency = 0.90)   Pasese<br>Fans:<br>Fan 1 Suzuki, Comford 10kma, 3203 CFM, 4.0 motor hp      |
| 1        | HVAC System (Single Zone)<br>Heating: 1 unit - Central Furnace, Gas, Capacity = 130 MBtu/h<br>Proposed Efficiency = 80.00% EER, Required Efficiency = 80.00% EER (per 78% AFUE)<br>Cooling: 1 unit - Split System, Capacity = 97 MBtu/h Air-Cooled<br>Proposed Efficiency = 11.68 EER, Required Efficiency = 11.68 EER<br>Fan System: FAN SYSTEM 1   Drive = Constant (Motor Efficiency = 0.90)   Pasese<br>Fans:<br>FAN 2 Buddy, C, 130kma, 2400 CFM, 1.5 cubic ft/minute hp |
| 1        | Water Heater<br>Gas Instantaneous Water Heater, Capacity = 100 gpm, Input Rating: 160 kBtu/h<br>Proposed Efficiency = 0.81 EF, Required Efficiency = 0.81 EF  |
| 1        | Water Heater<br>Gas Instantaneous Water Heater, Capacity = 5 gallons, Input Rating: 380 kBtu/h<br>Proposed Efficiency = 0.80% EER, Required Efficiency = 0.80% EER  |

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2012 IECC requirements in COMcheck-Web and to comply with any applicable mandatory requirements listed in the Inspector Checklist.

Name: Donald L. Beary Signature: *Donald L. Beary* Date: 12/31/18

Project Title: CSC - Rome, GA Report date: 12/14/18  
Data filename: Page 1 of 8



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Chicken Salad Chick  
Rome, Georgia  
800 Martha Berry Blvd,  
Rome, GA 30165

| No. | Name | Date |
|-----|------|------|
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|     |      |      |
|     |      |      |
|     |      |      |

Client:  
KSB, LLC  
Project Location:  
800 Martha Berry Blvd,  
Rome, GA 30165

DATE: December 14, 2018  
DRAWING TITLE: COMcheck  
PROJECT NUMBER: 78-17  
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