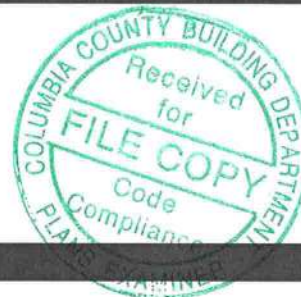


Project Summary
Entire House
GREENS SALES AND SERVICEJob:
Date: Dec 06, 2020
By:

5593 SW 28TH LANE, JASPER, FL 32052 Phone: 386-792-1179 Email: greensales2@windstream.net

Project InformationFor: Sean & Hilary Todd
LAKE CITY, FL

Notes:

**Design Information**

Weather: Tallahassee Regional AP, FL, US

Winter Design Conditions

Outside db	29 °F
Inside db	70 °F
Design TD	41 °F

Summer Design Conditions

Outside db	94 °F
Inside db	75 °F
Design TD	19 °F
Daily range	M
Relative humidity	50 %
Moisture difference	42 gr/lb

Heating Summary

Structure	20123 Btuh
Ducts	10935 Btuh
Central vent (0 cfm)	0 Btuh
(none)	
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	31058 Btuh

Sensible Cooling Equipment Load Sizing

Structure	25929 Btuh
Ducts	12921 Btuh
Central vent (0 cfm)	0 Btuh
(none)	
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.99
Equipment sensible load	38461 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

Latent Cooling Equipment Load Sizing

Structure	2429 Btuh
Ducts	2470 Btuh
Central vent (0 cfm)	0 Btuh
(none)	
Equipment latent load	4898 Btuh

	Heating	Cooling
Area (ft ²)	2355	2355
Volume (ft ³)	18840	18840
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	100	50

Equipment Total Load (Sen+Lat)	43359 Btuh
Req. total capacity at 0.70 SHR	4.6 ton

Heating Equipment Summary

Make	
Trade	
Model	
AHRI ref	
Efficiency	80 AFUE
Heating input	0 Btuh
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	1590 cfm
Air flow factor	0.051 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	

Cooling Equipment Summary

Make	
Trade	
Cond	
Coil	
AHRI ref	
Efficiency	0 SEER
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	1590 cfm
Air flow factor	0.041 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0.89

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



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...s\green\Documents\Wrightsoft HVAC\SEAN TODD.rup Calc = MJ8 Front Door faces: N

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