



Load Short Form Entire House

Touchstone Heating and Air, Inc

Job:
Date: Apr 09, 2013
By:

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Project Information

For: ZECHOR CONST, Model
Perserves, lake city, fla 32024
Phone: (386)867-4994

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	92	Method	Average
Inside db (°F)	68	75	Construction quality	0
Design TD (°F)	35	17	Fireplaces	
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	29	52		

HEATING EQUIPMENT

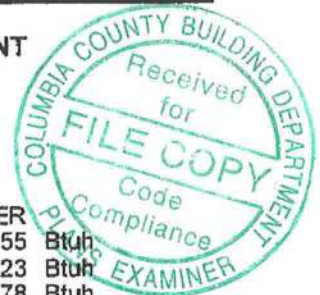
Make York
Trade York
Model YHJD42S4
ARI ref no. 4454824

Efficiency 8.2 HSPF
Heating input
Heating output 72 Btuh @ 47°F
Temperature rise 0 °F
Actual air flow 1400 cfm
Air flow factor 0.019 cfm/Btuh
Static pressure 0.05 in H2O
Space thermostat

COOLING EQUIPMENT

Make York
Trade York
Cond YHJD42S4
Coil AHE48D3X
ARI ref no. 4454824

Efficiency 30.0 EER, 14 SEER
Sensible cooling 55 Btuh
Latent cooling 23 Btuh
Total cooling 78 Btuh
Actual air flow 1400 cfm
Air flow factor 0.029 cfm/Btuh
Static pressure 0.05 in H2O
Load sensible heat ratio 0.45



ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Bed Room 3	182	6144	4081	117	120
Bath 2	48	2334	1441	45	42
Bed Room 2	169	5822	3277	111	96
utility	56	3336	1711	64	50
Casual Dining	240	8164	6853	156	201
Kitchen	288	6405	3831	122	112
Mechanical	84	2155	1087	41	32
Den	156	7161	5205	137	152
Foyer	64	707	461	14	13
Graet Room	345	10082	5744	193	168
Master Bed Room	221	10362	7169	198	210
Master Bath	144	5835	4543	111	133
Toilet room	91	4761	2389	91	70

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Entire House	2088	73268	47791	1400	1400
Other equip loads		0	0		
Equip. @ 0.97 RSM			46357		
Latent cooling			57318		
TOTALS	2088	73268	103675	1400	1400

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2013-Apr-09 19:04:43

Project1.rup Calc = MJ8 Orientation = N

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