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Load Short Form Entire House New Age Dimensions, LLC.

Job: Odum Residence
Date: 08/09/13
By: John Pirk
Plan: Manual J

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Project Information

For: Touchstone Heating & Air, Inc.
490 S.E. 3rd Avenue, Lake Butler, FL 32054
Phone: (386) 496 - 3467 Fax: (386) 496 - 3147

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	47		

HEATING EQUIPMENT

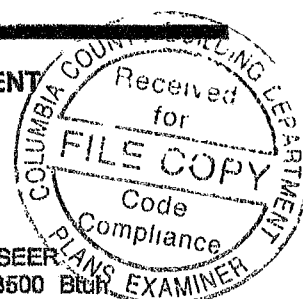
Make York
Trade LX SERIES
Model YHJD60S41S4
AHRI ref 4454838

Efficiency 8.2 HSPF
Heating input 57500 Btuh @ 47°F
Heating output 26 °F
Temperature rise 2000 cfm
Actual air flow 0.039 cfm/Btuh
Air flow factor 0.51 in H2O
Static pressure
Space thermostat

COOLING EQUIPMENT

Make York
Trade LX SERIES
Cond YHJD60S41S4
Coil AHE60D++TXV
AHRI ref 4454838

Efficiency 11.9 EER, 14 SEER
Sensible cooling 38500 Btuh
Latent cooling 16500 Btuh
Total cooling 55000 Btuh
Actual air flow 2000 cfm
Air flow factor 0.047 cfm/Btuh
Static pressure 0.51 in H2O
Load sensible heat ratio 0.81



ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Bath #3	71	4886	2586	192	123
Bed #3	181	3834	2699	150	128
Dining	266	6891	7800	270	370
Bath #2	45	965	509	38	24
Bed #2	201	2676	2462	105	117
Kitchen	236	347	2354	14	112
Pantry	38	55	93	2	4
Strg	38	765	262	30	12
Utility	152	3007	2133	118	101
Great Room	427	6225	5770	244	274
Den	178	4212	4208	165	200
Foyer	68	2913	2223	114	106
Mstr Bedrm	292	7220	5883	283	279
WIC 1	39	1007	327	40	16
WIC 2	22	32	55	1	3
Tlt	29	1002	1030	39	49

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



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...s\Wrightsoft HVAC\Touchstone\Odum Residence.rup Calc = MJ8 Front Door faces. N

Mstr Bath	140	4944	1716	194	82
Entire House	2420	50982	42111	2000	2000
Other equip loads		0	1707		
Equip. @ 0.97 RSM			42503		
Latent cooling			10341		
TOTALS	2420	50982	52845	2000	2000

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