



Load Short Form
Entire House
New Age Dimensions, LLC.

Job: Hutchinson Residence
Date: 03/19/2014
By: John Pirkl
Plan: Manual J

14080 S.E. 122nd Lane Road, Oklawaha, FL 32170 Phone: (352) 289-0685 Fax: (352) 289-0884 Email: john.newage@gmail.com

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		

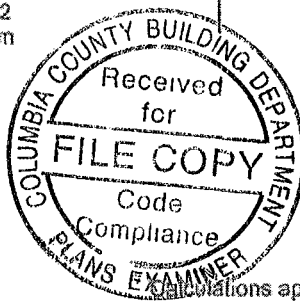
HEATING EQUIPMENT

Make: York
Trade: LX SERIES
Model: YHJD30S43S4
AHRI ref: 4483059
Efficiency: 7.7 HSPF
Heating input: 26600 Btuh @ 47°F
Heating output: 24 °F
Temperature rise: 1000 cfm
Actual air flow: 0.040 cfm/Btuh
Air flow factor: 0.51 in H2O
Static pressure: 0.51 in H2O
Space thermostat

COOLING EQUIPMENT

Make: York
Trade: LX SERIES
Model: YHJD30S43S4
AHRI ref: 4483059
Efficiency: 12.0 EER, 14 SEER
Sensible cooling: 20440 Btuh
Latent cooling: 8760 Btuh
Total cooling: 29200 Btuh
Actual air flow: 1000 cfm
Air flow factor: 0.044 cfm/Btuh
Static pressure: 0.51 in H2O
Load sensible heat ratio: 0.87

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Dining Rm	127	6287	5523	254	245
Kitchen	120	1414	2116	57	94
Bath #1	61	656	295	26	13
Mstr Bedrm	147	3194	3067	129	136
Laundry	42	858	1060	35	47
Bath #2	60	968	383	39	17
Bedroom #2	162	5115	2861	206	127
Living Room	326	6294	7211	254	320



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



wrightsoft

Right-Suite Universal 2013 13.0.08 RSJ02050

wrightsoft HVAC Touchstone/Hutchinson Manual J.rpt Calc = MJB Front Door Inset: N

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Entire House	1044	24787	22516	1000	1000
Other equip loads		0	1707		
Equip. @ 0.97 RSM			23496		
Latent cooling			3511		
TOTALS	1044	24787	27008	1000	1000

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**Wrightsoft Load Short Form
Entire House
New Age Dimensions, LLC.**

Job: Hutchinson Residence
Date: 03/19/2014
By: John Pirkel
Plan: Manual J

14080 S.E. 122nd Lane Road, Ocklawaha, FL 32179 Phone: (352) 288-0886 Fax: (352) 288-0884 Email: john.newage@gmail.com

Project Information

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

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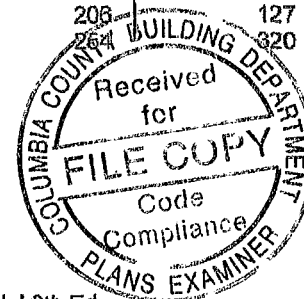
HEATING EQUIPMENT

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Model YHJD30S43S4
AHRI ref 4483059
Efficiency 7.7 HSPF
Heating input
Heating output 26600 Btuh @ 47°F
Temperature rise 24 °F
Actual air flow 1000 cfm
Air flow factor 0.040 cfm/Btuh
Static pressure 0.51 in H2O
Space thermostat

COOLING EQUIPMENT

Make York
Trade LX SERIES
Cond YHJD30S43S4
Coil AHE30B
AHRI ref 4483059
Efficiency 12.0 EER, 14 SEER
Sensible cooling 20440 Btuh
Latent cooling 8760 Btuh
Total cooling 29200 Btuh
Actual air flow 1000 cfm
Air flow factor 0.044 cfm/Btuh
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