



Load Short Form

Entire House

High Springs Electric

Job:
Date: Oct 10, 2021
By: Donna Brackeen

Project Information

For: Studio, Whitehurst/Bowen
19656 S US 441, High Springs, FL 32643

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	93	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	18	Fireplaces	
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	32	46		

HEATING EQUIPMENT

Make Mitsubishi Electric
Trade Mitsubishi Electric
Model NTXSEL12A112A*
AHRI ref 204629320

Efficiency 9 HSPF
Heating input
Heating output 12200 Btuh @ 47°F
Temperature rise 28 °F
Actual air flow 400 cfm
Air flow factor 0.037 cfm/Btuh
Static pressure 0 in H2O
Space thermostat
Capacity balance point = 31 °F

COOLING EQUIPMENT

Make Mitsubishi Electric
Trade Mitsubishi Electric
Cond NTXSEL12A112A*
Coil NAXWEL12A112A*
AHRI ref 204629320

Efficiency 9.0 EER, 16 SEER
Sensible cooling 8400 Btuh
Latent cooling 3600 Btuh
Total cooling 12000 Btuh
Actual air flow 400 cfm
Air flow factor 0.045 cfm/Btuh
Static pressure 0 in H2O
Load sensible heat ratio 0.91

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
studio	512	10893	8977	400	400
Entire House	512	10893	8977	400	400
Other equip loads		0	0		
Equip. @ 1.00 RSM			8977		
Latent cooling			845		
TOTALS	512	10893	9822	400	400

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



Right-Suite® Universal 2021 21.0.08 RSU07253

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...High Springs Electric\Buzbee\Studio\Studio.rup Calc = MJ8 Front Door faces: W

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As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Plast Pro	Exterior Doors	FL 15213
B. SLIDING			
C. SECTIONAL/ROLL UP	Overhead Door Co.	Garage Door	FL 14170
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	YKK	Windows	FL 8114
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Cemplank	Siding	FL 13192
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Owens Corning	Asphalt Shingles	FL 10674
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Per Engineering		
B. WOOD ANCHORS	Per Engineering		
C. TRUSS PLATES	Per Engineering		
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

NOTES: _____

