

Residential System Sizing Calculation

Summary

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title:
 BHL 415 SW Drew Feagle

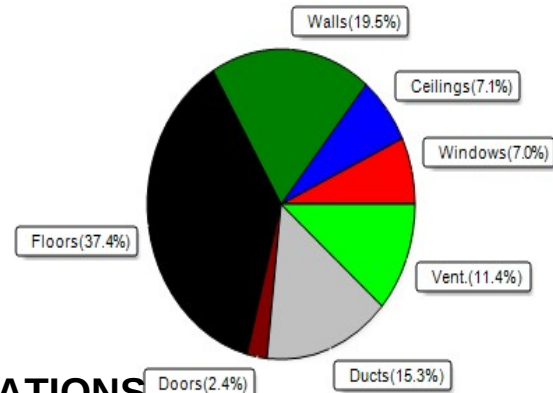
7/18/2026

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(164 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature(TMY3 99%)	30 F	Summer design temperature(TMY3 99%)	94 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	40 F	Summer temperature difference	19 F
Total heating load calculation	18426 Btuh	Total cooling load calculation	15588 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	119.4 22000	Sensible (SHR = 0.75)	109.7 13313
Heat Pump + Auxiliary(0.0kW)	119.4 22000	Latent	128.6 4438
		Total (Electric Heat Pump)	113.9 17750

WINTER CALCULATIONS

Winter Heating Load (for 1281 sqft)

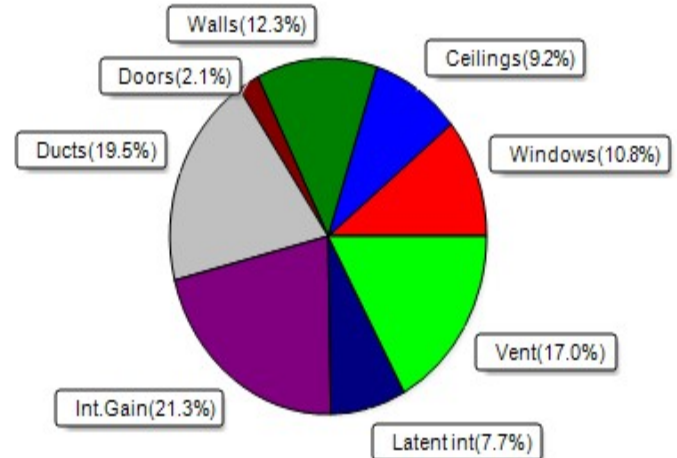
Load component	Load
Window total 111 sqft	1288 Btuh
Wall total 1160 sqft	3586 Btuh
Door total 28 sqft	444 Btuh
Ceiling total 1281 sqft	1301 Btuh
Floor total 1281 sqft	6891 Btuh
Infiltration 0 cfm	0 Btuh
Duct loss	2815 Btuh
Subtotal	16325 Btuh
Ventilation Ex:0 cfm; Sup:48 cfm	2101 Btuh
TOTAL HEAT LOSS	18426 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1281 sqft)

Load component	Load
Window total 111 sqft	1691 Btuh
Wall total 1160 sqft	1919 Btuh
Door total 28 sqft	333 Btuh
Ceiling total 1281 sqft	1431 Btuh
Floor total	0 Btuh
Infiltration 0 cfm	0 Btuh
Internal gain	3320 Btuh
Duct gain	2447 Btuh
Sens.Ventilation Ex:0 cfm; Sup:48 cfm	998 Btuh
Blower Load	0 Btuh
Total sensible gain	12139 Btuh
Latent gain(ducts)	593 Btuh
Latent gain(infiltration)	0 Btuh
Latent gain(ventilation)	1656 Btuh
Latent gain(internal/occupants/other)	1200 Btuh
Total latent gain	3449 Btuh
TOTAL HEAT GAIN	15588 Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY:

DATE: 07-18-2026

Jane Conn

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title:
 BHL 415 SW Drew Feagle
 Building Type: User

7/18/2026

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 40.0 °F (TMY3 99%)
 Winter Setpoint: 70 °F (Required Manual J default)

Component Loads for Whole House								
Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.22	Vinyl	0.29	W	6.0		11.6	70 Btuh
2	2, NFRC 0.22	Vinyl	0.29	W	30.0		11.6	348 Btuh
3	2, NFRC 0.22	Vinyl	0.29	W	15.0		11.6	174 Btuh
4	2, NFRC 0.22	Vinyl	0.29	S	6.0		11.6	70 Btuh
5	2, NFRC 0.22	Vinyl	0.29	S	15.0		11.6	174 Btuh
6	2, NFRC 0.22	Vinyl	0.29	E	15.0		11.6	174 Btuh
7	2, NFRC 0.22	Vinyl	0.29	N	9.0		11.6	104 Btuh
8	2, NFRC 0.22	Vinyl	0.29	W	15.0		11.6	174 Btuh
	Window Total					111.0(sqft)		1288 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.077)	19.0/0.0	136		3.09	421 Btuh
2	Frame - Wood	- Ext	(0.077)	19.0/0.0	75		3.09	232 Btuh
3	Frame - Wood	- Ext	(0.077)	19.0/0.0	129		3.09	398 Btuh
4	Frame - Wood	- Ext	(0.077)	19.0/0.0	120		3.09	371 Btuh
5	Frame - Wood	- Ext	(0.077)	19.0/0.0	351		3.09	1085 Btuh
6	Frame - Wood	- Ext	(0.077)	19.0/0.0	275		3.09	848 Btuh
7	Frame - Wood	- Ext	(0.077)	19.0/0.0	75		3.09	232 Btuh
	Wall Total					1160(sqft)		3586 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior, n		(0.400)		14		16.0	222 Btuh
2	Insulated - Exterior, n		(0.400)		14		16.0	222 Btuh
	Door Total					28(sqft)		444Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Flat ceil/D/Shing		(0.025)	38.0/0.0	1281		1.0	1301 Btuh
	Ceiling Total					1281(sqft)		1301Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	146.0 ft(perim.)		47.2	6891 Btuh
	Floor Total					1281 sqft		6891 Btuh
	Envelope Subtotal:							13510 Btuh
Infiltration	Type	Wholehouse	ACH	Volume(cuft)	Wall Ratio	CFM=		
	Natural(Adjusted for ventilation)			0.23	11529	1.00	0.0	0 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Con)					(DLM of 0.208)		2815 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title:
 BHL 415 SW Drew Feagle
 Building Type: User

7/18/2026

All Zones	Sensible Subtotal All Zones	16325 Btuh
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WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss	16325 Btuh
	Ventilation Sens. Heat Loss (Ex:0 cfm; Sup:0 cfm)	2101 Btuh
	Total Heat Loss	18426 Btuh

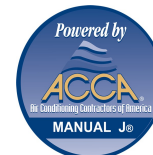
EQUIPMENT

1. Electric Heat Pump	#	22000 Btuh
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Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
 or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)

U - (Window U-Factor)

HTM - (ManualJ Heat Transfer Multiplier)



Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title:
 BHL 415 SW Drew Feagle

7/18/2026

Reference City: Gainesville, FL (Defaults)
 Humidity difference: 51gr.

Temperature Difference: 19.0F(TMY3 99%)
 Summer Setpoint: 75 °F (Required Manual J default)

Component Loads for Whole House

Window	Type*						Overhang		Window Area(sqft)			HTM		Load			
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded				
1	2 NFRC	0.22, 0.29	B-L	H	W		7.0ft	0.1ft	6.0	6.0	0.0	7	17	41	Btuh		
2	2 NFRC	0.22, 0.29	B-L	H	W		7.0ft	0.1ft	30.0	30.0	0.0	7	17	207	Btuh		
3	2 NFRC	0.22, 0.29	B-L	H	W		1.0ft	1.0ft	15.0	0.0	15.0	7	17	261	Btuh		
4	2 NFRC	0.22, 0.29	B-L	H	S		6.0ft	0.1ft	6.0	6.0	0.0	7	8	41	Btuh		
5	2 NFRC	0.22, 0.29	B-L	H	S		0.0ft	0.0ft	15.0	0.0	15.0	7	8	124	Btuh		
6	2 NFRC	0.22, 0.29	B-L	H	E		1.0ft	1.0ft	15.0	0.0	15.0	7	17	261	Btuh		
7	2 NFRC	0.22, 0.29	B-L	H	N		0.0ft	0.0ft	9.0	0.0	9.0	7	7	62	Btuh		
8	2 NFRC	0.22, 0.29	B-L	H	W		1.0ft	1.0ft	15.0	0.0	15.0	7	17	261	Btuh		
	Excursion A																
	Window Total								111 (sqft)					1691 Btuh			
Walls	Type						U-Value		R-Value		Area(sqft)		HTM		Load		
									Cav/Sheath								
1	Frame - Wood - Ext						0.077		19.0/0.0		136.1		1.65		225 Btuh		
2	Frame - Wood - Ext						0.077		19.0/0.0		75.0		1.65		124 Btuh		
3	Frame - Wood - Ext						0.077		19.0/0.0		128.6		1.65		213 Btuh		
4	Frame - Wood - Ext						0.077		19.0/0.0		120.0		1.65		198 Btuh		
5	Frame - Wood - Ext						0.077		19.0/0.0		351.0		1.65		580 Btuh		
6	Frame - Wood - Ext						0.077		19.0/0.0		274.5		1.65		454 Btuh		
7	Frame - Wood - Ext						0.077		19.0/0.0		75.0		1.65		124 Btuh		
	Wall Total								1160 (sqft)					1919 Btuh			
Doors	Type										Area (sqft)		HTM		Load		
1	Insulated - Exterior										13.9		12.0		167 Btuh		
2	Insulated - Exterior										13.9		12.0		167 Btuh		
	Door Total								28 (sqft)					333 Btuh			
Ceilings	Type/Color/Surface						U-Value		R-Value		Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle/RB						0.025		38.0/0.0		1281.0		1.12		1431 Btuh		
	Ceiling Total								1281 (sqft)					1431 Btuh			
Floors	Type								R-Value		Size		HTM		Load		
1	Slab On Grade								0.0		1281 (ft-perimeter)		0.0		0 Btuh		
	Floor Total								1281.0 (sqft)					0 Btuh			
	Envelope Subtotal:													5373 Btuh			
Infiltration	Type						Average ACH		Volume(cuft)		Wall Ratio		CFM=		Load		
	Natural(Adjusted for ventilation)						0.00		11529		1		0.0		0 Btuh		
Internal gain							Occupants		Btuh/occupant		Appliance		Load				
							4		X 230		+		2400		3320 Btuh		
	Sensible Envelope Load:													8693 Btuh			
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Condi)										(DGM of 0.282)				2447 Btuh		
	Sensible Load All Zones													11141 Btuh			

Manual J Summer Calculations

Residential Load - Component Details (continued)

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
 BHL 415 SW Drew Feagle

7/18/2026

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	8693 Btuh
	Sensible Duct Load	2447 Btuh
	Total Sensible Zone Loads	11141 Btuh
	Sensible ventilation (Ex:0 cfm; Sup:0 cfm)	998 Btuh
	Blower	0 Btuh
	Total sensible gain	12139 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	0 Btuh
	Latent ventilation gain	1656 Btuh
	Latent duct gain	593 Btuh
	Latent occupant gain (4.0 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	400 Btuh
	Latent total gain	3449 Btuh
	TOTAL GAIN	15588 Btuh

EQUIPMENT

1. Central Unit	#	17750 Btuh
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*Key: Window types (Panels - Number and type of panes of glass)
 (SHGC - Shading coefficient of glass as SHGC numerical value)
 (U - Window U-Factor)
 (InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
 - For Blinds: Assume medium color, half closed
 For Draperies: Assume medium weave, half closed
 For Roller shades: Assume translucent, half closed
 (IS - Insect screen: none(N), Full(F) or Half(½))
 (Ornt - compass orientation)



Version 8

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title:
 BHL 415 SW Drew Feagle
 Building Type: User

7/18/2026

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 40.0 °F (TMY3 99%)
 Winter Setpoint: 70 °F (Required Manual J default)

Component Loads for Room #1: Main

Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.22	Vinyl	0.29	W	6.0		11.6	70 Btuh
2	2, NFRC 0.22	Vinyl	0.29	W	30.0		11.6	348 Btuh
3	2, NFRC 0.22	Vinyl	0.29	W	15.0		11.6	174 Btuh
4	2, NFRC 0.22	Vinyl	0.29	S	6.0		11.6	70 Btuh
5	2, NFRC 0.22	Vinyl	0.29	S	15.0		11.6	174 Btuh
6	2, NFRC 0.22	Vinyl	0.29	E	15.0		11.6	174 Btuh
7	2, NFRC 0.22	Vinyl	0.29	N	9.0		11.6	104 Btuh
8	2, NFRC 0.22	Vinyl	0.29	W	15.0		11.6	174 Btuh
Window Total					111.0(sqft)			1288 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.077)	19.0/0.0	136		3.09	421 Btuh
2	Frame - Wood	- Ext	(0.077)	19.0/0.0	75		3.09	232 Btuh
3	Frame - Wood	- Ext	(0.077)	19.0/0.0	129		3.09	398 Btuh
4	Frame - Wood	- Ext	(0.077)	19.0/0.0	120		3.09	371 Btuh
5	Frame - Wood	- Ext	(0.077)	19.0/0.0	351		3.09	1085 Btuh
6	Frame - Wood	- Ext	(0.077)	19.0/0.0	275		3.09	848 Btuh
7	Frame - Wood	- Ext	(0.077)	19.0/0.0	75		3.09	232 Btuh
Wall Total					1160(sqft)			3586 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior, n		(0.400)		14		16.0	222 Btuh
2	Insulated - Exterior, n		(0.400)		14		16.0	222 Btuh
Door Total					28(sqft)			444Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Flat ceil/D/Shing		(0.025)	38.0/0.0	1281		1.0	1301 Btuh
Ceiling Total					1281(sqft)			1301Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	146.0 ft(perim.)		47.2	6891 Btuh
Floor Total					1281 sqft			6891 Btuh
Room Envelope Subtotal:								13510 Btuh
Infiltration	Type	Wholehouse	ACH	Room Volume	Wall Ratio	CFM=		
	Natural(Adjusted for ventilation)		0.23	11529	1.00	0.0		0 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Cond.) (DLM of 0.208)							2815 Btuh
Room #1	Sensible Room Subtotal							16325 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Owner
415 SW Drew Feagle Ave
Fort White, FL 32038

Project Title:
BHL 415 SW Drew Feagle
Building Type: User

7/18/2026

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss	16325 Btuh
	Ventilation Sens. Heat Loss (Ex:0 cfm; Sup:0 cfm)	2101 Btuh
	Total Heat Loss	18426 Btuh

EQUIPMENT

1. Electric Heat Pump	#	22000 Btuh
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Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)
U - (Window U-Factor)
HTM - (ManualJ Heat Transfer Multiplier)



Version 8

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title:
 BHL 415 SW Drew Feagle

7/18/2026

Reference City: Gainesville, FL (Defaults)
 Humidity difference: 51gr.

Temperature Difference: 19.0F(TMY3 99%)
 Summer Setpoint: 75 °F (Required Manual J default)

Component Loads for Room #1: Main

Window	Type*						Overhang		Window Area(sqft)			HTM		Load				
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded					
1	2 NFRC	0.22, 0.29	B-L	H	W		7.0ft	0.1ft	6.0	6.0	0.0	7	17	41	Btuh			
2	2 NFRC	0.22, 0.29	B-L	H	W		7.0ft	0.1ft	30.0	30.0	0.0	7	17	207	Btuh			
3	2 NFRC	0.22, 0.29	B-L	H	W		1.0ft	1.0ft	15.0	0.0	15.0	7	17	261	Btuh			
4	2 NFRC	0.22, 0.29	B-L	H	S		6.0ft	0.1ft	6.0	6.0	0.0	7	8	41	Btuh			
5	2 NFRC	0.22, 0.29	B-L	H	S		0.0ft	0.0ft	15.0	0.0	15.0	7	8	124	Btuh			
6	2 NFRC	0.22, 0.29	B-L	H	E		1.0ft	1.0ft	15.0	0.0	15.0	7	17	261	Btuh			
7	2 NFRC	0.22, 0.29	B-L	H	N		0.0ft	0.0ft	9.0	0.0	9.0	7	7	62	Btuh			
8	2 NFRC	0.22, 0.29	B-L	H	W		1.0ft	1.0ft	15.0	0.0	15.0	7	17	261	Btuh			
	Window Total								111 (sqft)					1261		Btuh		
Walls	Type					U-Value	R-Value		Area(sqft)			HTM		Load				
							Cav/Sheath											
1	Frame - Wood - Ext					0.077	19.0/0.0		136.1			1.65		225	Btuh			
2	Frame - Wood - Ext					0.077	19.0/0.0		75.0			1.65		124	Btuh			
3	Frame - Wood - Ext					0.077	19.0/0.0		128.6			1.65		213	Btuh			
4	Frame - Wood - Ext					0.077	19.0/0.0		120.0			1.65		198	Btuh			
5	Frame - Wood - Ext					0.077	19.0/0.0		351.0			1.65		580	Btuh			
6	Frame - Wood - Ext					0.077	19.0/0.0		274.5			1.65		454	Btuh			
7	Frame - Wood - Ext					0.077	19.0/0.0		75.0			1.65		124	Btuh			
	Wall Total								1160 (sqft)					1919		Btuh		
Doors	Type								Area (sqft)			HTM		Load				
1	Insulated - Exterior								13.9			12.0		167	Btuh			
2	Insulated - Exterior								13.9			12.0		167	Btuh			
	Door Total									28 (sqft)					333		Btuh	
Ceilings	Type/Color/Surface					U-Value	R-Value		Area(sqft)			HTM		Load				
1	Vented Attic/DarkShingle/RB					0.025	38.0/0.0		1281.0			1.12		1431	Btuh			
	Ceiling Total								1281 (sqft)					1431		Btuh		
Floors	Type					R-Value			Size			HTM		Load				
1	Slab On Grade					0.0			1281 (ft-perimeter)			0.0		0	Btuh			
	Floor Total									1281.0 (sqft)					0		Btuh	
	Zone Envelope Subtotal:													4943		Btuh		
Infiltration	Type	Wholehouse ACH				Volume(cuft)			Wall Ratio		CFM=		Load					
	Natural(Adjusted for ventilation)	0.17				11529			1.00		0.0		0	Btuh				
Internal gain					Occupants			Btuh/occupant			Appliance		Load					
					4			X 230			+		2400	3320	Btuh			
	Sensible Envelope Load:													8263		Btuh		
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Cond.)													(DGM of 0.282)		2326		Btuh
	Sensible Zone Load													10590		Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Owner
415 SW Drew Feagle Ave
Fort White, FL 32038

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
BHL 415 SW Drew Feagle

7/18/2026

The following window Excursion will be assigned to the system loads.

Windows	July excursion for System 1	Excursion Subtotal:	430 Btuh 430 Btuh
Duct load			121 Btuh
		Sensible Excursion Load	551 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Owner
 415 SW Drew Feagle Ave
 Fort White, FL 32038

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
 BHL 415 SW Drew Feagle

7/18/2026

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	8693 Btuh
	Sensible Duct Load	2447 Btuh
	Total Sensible Zone Loads	11141 Btuh
	Sensible ventilation (Ex:0 cfm; Sup:0 cfm)	998 Btuh
	Blower	0 Btuh
	Total sensible gain	12139 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	0 Btuh
	Latent ventilation gain	1656 Btuh
	Latent duct gain	593 Btuh
	Latent occupant gain (4.0 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	400 Btuh
	Latent total gain	3449 Btuh
	TOTAL GAIN	15588 Btuh

EQUIPMENT

1. Central Unit	#	17750 Btuh
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*Key: Window types (Panels - Number and type of panes of glass)
 (SHGC - Shading coefficient of glass as SHGC numerical value)
 (U - Window U-Factor)
 (InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
 - For Blinds: Assume medium color, half closed
 For Draperies: Assume medium weave, half closed
 For Roller shades: Assume translucent, half closed
 (IS - Insect screen: none(N), Full(F) or Half(½))
 (Ornt - compass orientation)



Version 8



Project Information

Owner
415 SW Drew Feagle Ave
Fort White, FL 32038

Project Title:
BHL 415 SW Drew Feagle
Building Type: User

7/18/2026

Project Design Information

Project Status	New (From Plans)		
Occupancy	Detached		
Stories	1		
Rotate Angle	0		
	Heating	Cooling	Infiltration
Outside DB	30 °F	94 °F	Method Proposed ACH(50)
Inside DB	70 °F	75 °F	Proposed Quantity 7.00 ACH(50)
Design TD	40 °F	19 °F	Air Changes Per Hour 0.23(Htg) 0.17(Clg)
Daily Range		M	
Inside humidity (%)	50 %	50 %	
Moisture difference (gr/lb)	—	51	

HVAC Design Information

HEATING EQUIPMENT

Make
Model
AHRI ref

Type Electric Heat Pump

Efficiency 9.18 HSPF:

Heating input N/A

Heating output 22000 Btuh

Temperature rise N/A

Manual S air flow Unknown

Manual S Static pressure Unknown

Space thermostat Programmable

Capacity balance point = ____

Backup: Electric resistance

Input: 0.00 kW

COOLING EQUIPMENT

Make
Cond
Coil
AHRI ref

Type Central Unit

Efficiency 16.00 SEER

Manual S OEM Sensible cooling Missing Btuh

Manual S OEM Latent cooling Missing Btuh

Manual S OEM Total cooling Missing Btuh

Manual S air flow Unknown

Manual S Static pressure Unknown

Load sensible heat ratio NAN

ROOM NAME	Area (sq. ft.)	Heating load (Btuh)	Cooling load (Btuh)	Htg AVF (cfm *)	Clg AVF (cfm **)
Main System Excursion(& excursion duct load)	1281.0	16325	10590 551**	532	532
System Total	1281.0	18426	12139	0*	0*
Latent Cooling			3449		
TOTALS	1281.0	18426	15588	532*	532*

* CFMs are estimates based on rough total cfm estimate.

** Cooling CFMs may include a portion of the System Excursion depending on room window orientation.