Manual J Summer Calculations
Residential Load - Component Details (continued)

Norris

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
Norris Spec Heritage Sub

Lake City, FL 32024

3/30/2023

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**7210 Btuh**
	Sensible Duct Load	4740 Btuh
	Total Sensible Zone Loads	**11949 Btuh**
	Sensible ventilation (Ex:0 cfm; Sup:0 cfm)	0 Btuh
	Blower	0 Btuh
Whole House	**Total sensible gain**	**11949 Btuh**
Totals for Cooling	Latent infiltration gain (for 47 gr. humidity difference)	956 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1162 Btuh
	Latent occupant gain (3.0 people @ 200 Btuh per person)	600 Btuh
	Latent other gain	1200 Btuh
	Latent total gain	**3918 Btuh**
	TOTAL GAIN	**15868 Btuh**

EQUIPMENT

1. Central Unit	#	48000 Btuh

*Key: Window types (Panes - 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)

Powered by
ACCA
MANUAL J

Version 8

Manual J Winter Calculations
Residential Load - Component Details (continued)

Norris

Lake City, FL 32024

Project Title:
Norris Spec Heritage Sub
Building Type: User

3/30/2023

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss		21162 Btuh
	Ventilation Sens. Heat Loss	(Ex:0 cfm; Sup:0 cfm)	0 Btuh
	Total Heat Loss		21162 Btuh

EQUIPMENT

1. Electric Heat Pump	#	48000 Btuh

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)

Powered by
ACCA
MANUAL J

Version 8