



Load Short Form

Entire House

DL Williams Heating & Cooling L.L.C.

Job: 1
Date: Mar 02, 2022
By: DL Williams Heating & C...

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Project Information

For: Frost RV Repair, DMC Contracting
TBD SW Windswept Glen, Lake City, FL

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 (%)	30	50		
Moisture difference (gr/lb)	8	44		

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	0 Btuh
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	

COOLING EQUIPMENT

Make	Generic
Trade	
Cond	SEER 7.0
Coil	
AHRI ref	
Efficiency	7.9 EER, 7 SEER
Sensible cooling	6505 Btuh
Latent cooling	2788 Btuh
Total cooling	9293 Btuh
Actual air flow	310 cfm
Air flow factor	0.046 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0.92

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
bath	64	1997	631	0	29
office	96	6304	6062	0	281
Entire House	160	8301	6693	0	310
Other equip loads		0	0		
Equip. @ 0.97 RSM			6506		
Latent cooling			573		
TOTALS	160	8301	7078	0	310

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



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