

Project Information

For:

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	8	86	Method	Simplified
Inside db (°F)	70	75	Construction quality	Average
Design TD (°F)	62	11	Fireplaces	0
Daily range	-	M		
Inside humidity (%)	30	50		
Moisture difference (gr/lb)	26	26		

HEATING EQUIPMENT

Make	
Trade	
Model	
AHRI ref	
Efficiency	80 AFUE
Heating input	0 Btuh
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	198 cfm
Air flow factor	0.019 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	

COOLING EQUIPMENT

Make	
Trade	
Cond	
Coil	
AHRI ref	
Efficiency	0 SEER
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	198 cfm
Air flow factor	0.043 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)
Room1	432	7401	3039	142	131
Room3	24	2893	1548	56	67
Entire House	d 456	10295	4587	198	198
Other equip loads		0	0		
Equip. @ 0.91 RSM			4170		
Latent cooling			439		
TOTALS	456	10295	4609	198	198

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