

Location:

Latitude, Longitude: 43.5214° -75.1977°

Name: Carl Obias

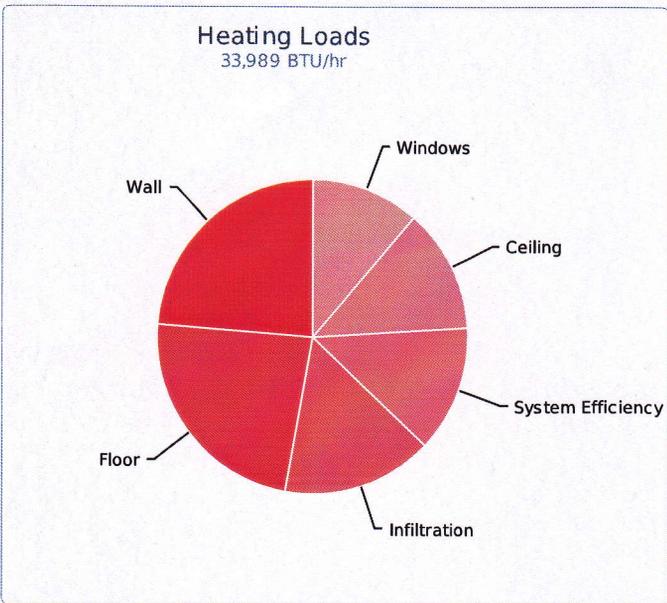
Email: cobi17@yahoo.com

Design Conditions

Outdoor	Heating	Cooling
Dry bulb (°F)	2	85
Daily range		M
Relative humidity		50%
Moisture difference		39
Indoor	Heating	Cooling
Indoor temperature (°F)	68	74
Design temperature difference(°F)	66	11

Heating Loads

Area	Btuh	% of load
Wall	8074	23.8
Floor	7968	23.4
Ceiling	4340	12.8
Windows	3828	11.3
Infiltration	5346	15.7
System Efficiency Loss	4433	13
Total:	33989	



Cooling Loads

Area	Btuh	% of load
Wall	1346	9.6
Ceiling	723	5.1
Windows	4386	31.2
Sensible Infiltration	891	6.3
Latent Infiltration	1953	13.9
System Efficiency Gain	1395	9.9
Internal	1845	13.1
Sensible People Load	756	5.4
Latent People Load	756	5.4
Total:	14052	
Sensible load	11342	
Latent load	2709	
SHR	0.81	
Capacity at .75 SHR	1.26 Tons	