

In accordance with ACCA Manual J
Using the earth makes cents

Report Prepared By:**Palace Geothermal****For:**

Jacobsen / Scandia

Summit County, Utah

Design Conditions: Lewiston**Indoor:**

Summer temperature: 75

Winter temperature: 70

Relative humidity: 50

Outdoor:

Summer temperature: 87

Winter temperature: -16

Summer grains of moisture: 40

Daily temperature range: Medium

Building Component	Sensible Gain (BTUH)	Latent Gain (BTUH)	Total Heat Gain (BTUH)	Total Heat Loss (BTUH)
Windows	22,105	0	22,105	48,048
Walls	5,428	0	5,428	29,918
Infiltration	1,210	0	1,210	13,008
Fireplaces	0	0	0	8,672
Ceilings	2,152	0	2,152	5,142
Floors	0	0	0	4,139
Doors	572	0	572	3,153
Skylights	0	0	0	0
Glassdoors	0	0	0	0
Misc	0	0	0	0
People	0	0	0	0
Duct	0	0	0	0
Whole House	31,467	0	31,467 (2.5 tons)	112,080