

### Project Information

For: John Smith  
1234 Street, Missoula, MT 59801

### Design Conditions

**Location:**

Missoula, MT, US  
Elevation: 3189 ft  
Latitude: 47°N

**Outdoor:**

Dry bulb (°F)  
Daily range (°F)  
Wet bulb (°F)  
Wind speed (mph)

**Heating**

-9  
-  
-  
15.0

**Cooling**

91  
31 ( H )  
62  
7.5

**Indoor:**

Indoor temperature (°F)  
Design TD (°F)  
Relative humidity (%)  
Moisture difference (gr/lb)

**Heating**

70  
79  
30  
33.7

**Cooling**

75  
16  
50  
-25.8

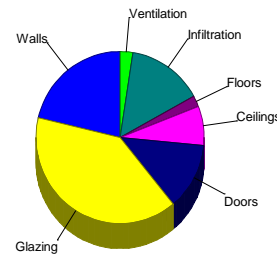
**Infiltration:**

Method  
Construction quality  
Fireplaces

Simplified  
Tight  
1 (Tight)

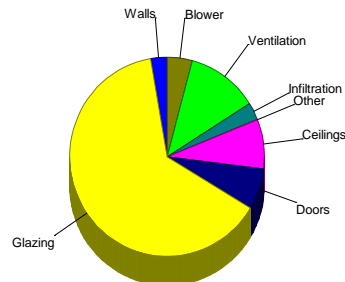
### Heating

Component	Btuh/ft²	Btuh	% of load
Walls	3.2	8097	21.2
Glazing	31.6	15150	39.7
Doors	28.4	4794	12.6
Ceilings	1.0	2809	7.4
Floors	0.4	787	2.1
Infiltration	1.7	5564	14.6
Ducts		0	0.0
Piping		0	0.0
Humidification		0	0.0
Ventilation		928	2.4
Adjustments		0	0.0
<b>Total</b>		<b>38128</b>	<b>100.0</b>



### Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	0.2	555	2.7
Glazing	27.0	12930	63.7
Doors	8.0	1350	6.6
Ceilings	0.6	1627	8.0
Floors	0.0	7	0.0
Infiltration	0.2	578	2.8
Ducts		0	0.0
Ventilation		2408	11.9
Internal gains		0	0.0
Blower		853	4.2
Adjustments		0	0.0
<b>Total</b>		<b>20308</b>	<b>100.0</b>



Overall U-value = 0.050 Btuh/ft²·°F

Data entries checked.