

<b>Total heat Loss For Residential Buildings</b>				
<b>Conductive Heat Loss</b>				
<b>Assembly</b>	<b>U-Factor</b>	<b>Area</b>	<b>ΔT</b>	<b>Heat Loss</b>
Ceiling	0.030	1,156	70	2,428
Exterior Walls	0.060	1,117	70	4,691
Glazing	0.350	105	70	2,573
Doors	0.350	42	70	1,029
Floor or Crawl Space Wall Area	0.079	316	70	1,747
<b>Total Conductive Heat Loss</b>				<b>12,468</b>
<b>Infiltration Heat Loss</b>				
Air Changes Per Hour	Above Grade Volume		/60	CFM <sub>inf</sub>
0.75	9,248		/60	116
1.1	CFM <sub>inf</sub>	ΔT	Altitude Correction Factor	Infiltration Load
1.1	116	70	0.87	7,744
<b>Total Envelope Heating Load (Total Conductive Heat Loss + Infiltration Heat Loss)</b>				<b>20,212</b>
<b>Duct Load</b>				
Total Envelope Heating Load	Duct Loss Factor		Duct Wall Insulation	Heating Duct Load
20,212	0.09		0.89	1,619
<b>Total Heating Load for the Building (Total Envelope Heating Load + Heating Duct Load)</b>				<b>21,831</b>