

HEAT LOSS AND RADIATION DETAILS

ROOM	HEAT LOSS BTU/H	EXISTING RADIATION BTU/H
Back Library	8,334	9,750
Lower Stairwell	2,690	9,000
Front Hall	2,526	4,500
Front Library	9,583	14,400
Dining Room	14,618	35,700
Down Stairs Bath	4,336	4,200
Kitchen	13,327	10,800
Wash Room	3,957	1,920
Living Room	9,420	10,500
Total Down Stairs	68,791	100,770
SW Bedroom	7,911	8,250
NW Bedroom	8,935	7,500
Up Stairs Hall/Stair	6,850	7,950
NE Bedroom	10,141	7,500
Up Stairs Bath	3,733	2,700
TV Room	12,478	15,000
2nd Story Totals	50,048	48,900
3rd Story Room	12,165	11,200
Grand Totals	131,004	160,870

Heat Loss is calculated at 15°F ambient temperature.
Existing radiation output is measured at 170°F average water temperature.