

	Units	NM (contemporary)	NM (1973)	ND (contemporary)	ND (1973)
Peak HDD	degF	43.00	43.00	74.00	74.00
Outdoor air temp (avg/day)	degF	22.00	22.00	-9.00	-9.00
Target temp	degF	72.00	72.00	72.00	72.00
Length	ft	30.00	30.00	30.00	30.00
Width	ft	66.67	66.67	66.67	66.67
Height	ft	8.50	8.50	8.50	8.50
R-wall	ft ² *degF*hr/Bt	11	11	15.00	11.00
R-door/windows	ft ² *degF*hr/Bt	2	2	2.00	2.00
R-roof	ft ² *degF*hr/Bt	60	13	60.00	15.00
% Walls	fraction	0.85	0.85	0.85	0.85
deltaF	degF	50.00	50.00	81.00	81.00
% door/wind	fraction	0.15	0.15	0.15	0.15
Area of Walls	ft ²	1,396.88	1,396.88	1,396.88	1,396.88
Area of Doors/Windows	ft ²	246.51	246.51	246.51	246.51
Area of Roof	ft ²	2,000.10	2,000.10	2,000.10	2,000.10
Q-walls	Btu/hr	6,349.46	6,349.46	7,543.16	10,286.13
Q-door/window	Btu/hr	6,162.71	6,162.71	9,983.59	9,983.59
Q-roof	Btu/hr	1,666.75	7,692.69	2,700.14	10,800.54
Final Demands	Btu/hr	14,178.92	20,204.87	20,226.89	31,070.26
-	KBtu/hr	14.18	20.20	20.23	31.07
-	KBtu/day	340.29	484.92	485.45	745.69
-	KBtu/3-day	1,020.88	1,454.75	1,456.34	2,237.06
-	KBtu/7-day	2,382.06	3,394.42	3,398.12	5,219.80
7-day					
Specific Heat	Btu/(lb*degF)	1.00	1.00	1.00	1.00
Density	lbs/ft ³	62.40	62.40	62.40	62.40
deltaFStorage	degF	40.00	40.00	40.00	40.00
massWater	lbs	59,551.48	84,860.44	84,952.94	130,495.10
Volume	ft ³	954.35	1,359.94	1,361.43	2,091.27
Radius (cyl h=2r)	ft	5.34	6.00	6.01	6.93
Diameter/height	ft	10.67	12.01	12.01	13.86
Volume (alt)	gallons	7,138.54	10,172.37	10,183.46	15,642.68