



Description	2006				2009				2012 (Proposed)			
	Zone 1		Zone 2		Zone 1		Zone 2		Zone 1 (5/M4)		Zone 2 (6)	
	U	R	U	R	U	R	U	R	U	R	U	R
<b>Commercial Prescriptive Table ABOVE GRADE WALLS</b>												
<b>(mass)</b>												
Elec. Heat	.150*	5.7*	.123*	7.6*	.150	5.7	.123	7.6	.078	11.4ci	.078	13.3ci
Other Heat	.150*	5.7*	.123*	7.6*	N/A	N/A	N/A	N/A				
<b>(metal)</b>												
Elec. Heat				13+		13+		13+	.055	10ci	.049	12.5ci
Other Heat	.109	19	.084	3.8	.064	7.5	.064	7.5				
<b>(wood)</b>												
Elec. Heat	.062	19	.044	24	.057	21	.051	21+	.054	21int	.051	20+3.8
Other Heat	.062	19	.062	19	N/A	N/A	N/A	2.5 N/A				
Opt. 2) = E-99/E100												
<b>Mass</b>									.104	9.5ci	.078	11.4ci
<b>Metal</b>									.055	10ci	.049	12.5ci
<b>Wood</b>									.054	21int	.051	20+3.8

\* 2. Concrete and Masonry Walls: If the area weighted heat capacity of the total opaque above grade wall is a minimum of 9.0 Btu/ft<sup>2</sup> • °F, then:

a) The area weighted average ***U-factor may be increased to U-0.15 maximum, or a minimum additional R-5.7 continuous insulation uninterrupted by framing;*** or

b) The wall may be ASTM C90 concrete block walls, ungrouted or partially grouted at 32 in. or less on center vertically and 48 in. or less on center horizontally, with ungrouted cores filled with material having a maximum thermal conductivity of 0.44 Btu-in/h•ft<sup>2</sup> • °F.

-- Individual walls with heat capacities less than 9.0 Btu/ft<sup>2</sup> • °F and below grade walls shall meet opaque wall requirements listed above.

-- Glazing shall comply with the glazing requirements listed above.