

Table 4
Heat Transfer Multipliers (Cooling)

No. 1 through 9 - Windows and Glass Doors - Refer to Table No. 3 for Summer HTM Values.													
No. 10 - Wood Doors	Summer Temperature Difference and Daily Temperature Range												
	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. Hollow Core	9.9	7.6	12.7	10.4	7.6	15.5	13.2	10.4	16.0	13.2	16.0	18.8	.560
B. Hollow Core & Wood Storm	5.8	4.5	7.5	6.1	4.5	9.1	7.8	6.1	9.4	7.8	9.4	11.1	.330
C. Hollow Core & Metal Storm	6.3	4.9	8.1	6.7	4.9	9.9	8.5	6.7	10.3	8.5	10.3	12.1	.360
D. Solid Core	8.1	6.3	10.4	8.6	6.3	12.7	10.9	8.6	13.2	10.9	13.2	15.5	.460
E. Solid Core & Wood Storm	5.1	3.9	6.6	5.4	3.9	8.0	6.8	5.4	8.3	6.8	8.3	9.7	.290
F. Solid Core & Metal Storm	5.6	4.4	7.2	6.0	4.4	8.8	7.6	6.0	9.2	7.6	9.2	10.8	.320
G. Panel	11.8	9.1	15.1	12.5	9.1	18.5	15.8	12.5	19.2	15.8	19.2	22.5	.670
H. Panel & Wood Storm	6.3	4.9	8.1	6.7	4.9	9.9	8.5	6.7	10.3	8.5	10.3	12.1	.360
I. Panel & Metal Storm	7.2	5.6	9.3	7.6	5.6	11.3	9.7	7.6	11.7	9.7	11.7	13.8	.410
No. 11 - Metal Doors	Summer Temperature Difference and Daily Temperature Range												
	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. Fiberglass Core	10.4	8.0	13.3	11.0	8.0	16.3	13.9	11.0	16.9	13.9	16.9	19.8	.590
B. Fiberglass Core & Storm	6.5	5.0	8.3	6.8	5.0	10.1	8.7	6.8	10.5	8.7	10.5	12.3	.367
C. Polystyrene Core	8.3	6.4	10.6	8.7	6.4	13.0	11.1	8.7	13.4	11.1	13.4	15.8	.470
D. Polystyrene Core & Storm	5.6	4.3	7.2	5.9	4.3	8.7	7.5	5.9	9.1	7.5	9.1	10.7	.317
E. Urethane Core	3.3	2.6	4.3	3.5	2.6	5.2	4.5	3.5	5.4	4.5	5.4	6.4	.190
F. Urethane Core & Storm	3.0	2.3	3.8	3.2	2.3	4.7	4.0	3.2	4.9	4.0	4.9	5.7	.170
No. 12 Wood Frame Exterior Walls With Sheathing and Siding or Brick Veneer or Other Exterior Finish.	Summer Temperature Difference and Daily Temperature Range												
	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. None ½" Gypsum Board (R-0.5)	4.8	3.7	6.1	5.0	3.7	7.5	6.4	5.0	7.8	6.4	7.8	9.1	.271
B. None ½" Asphalt Board (R-1.3)	3.8	3.0	4.9	4.0	3.0	6.0	5.1	4.0	6.2	5.1	6.2	7.3	.217
C. R-11 ½" Gypsum Board (R-0.5)	1.6	1.2	2.0	1.7	1.2	2.5	2.1	1.7	2.6	2.1	2.6	3.0	.090
D. R-11 ½" Asphalt Board (R-1.3) R-11 ½" Bead Brd. (R-1.8) R-13 ½" Gypsum Brd. (R-0.5)	1.4	1.1	1.8	1.5	1.1	2.2	1.9	1.5	2.3	1.9	2.3	2.7	.080
E. R-11 ½" Extr Poly Brd. (R-2.5) R-11 ¾" Bead Brd. (R-2.7) R-13 ½" Asphalt Brd. (R-1.3) R-13 ½" Bead Brd. (R-1.8)	1.3	1.0	1.7	1.4	1.0	2.1	1.8	1.4	2.1	1.8	2.1	2.5	.075
F. R-11 1" Bead Brd. (R-3.6) R-11 ¾" Extr Poly Brd. (R-3.8) R-13 ½" Extr Poly Brd (R-2.5) R-13 ¾" Bead Brd. (R-2.7)	1.2	1.0	1.6	1.3	1.0	1.9	1.7	1.3	2.0	1.7	2.0	2.4	.070
G. R-13 ¾" Extr Poly Brd. (R-3.8) R-13 1" Bead Brd (R-3.6)	1.1	.9	1.5	1.2	.9	1.8	1.5	1.2	1.9	1.5	1.9	2.2	.065
H. R-11 1" Extr Brd. (R-5.0) R-13 1" Extr Poly Brd. (R-5.0) R-19 ½" Gypsum Brd. (R-0.5)	1.1	.8	1.4	1.1	.8	1.7	1.4	1.1	1.7	1.4	1.7	2.0	.060
I. R-19 ½" Asphalt Brd. (R-1.3) R-19 ½" Bead Brd. (R-1.8)	1.0	.7	1.2	1.0	.7	1.5	1.3	1.0	1.6	1.3	1.6	1.8	.055
J. R-11 R-8 Sheathing R-13 R-8 Sheathing R-19 ½" or ¾" Extr Poly R-19 ¾" or 1" Bead Brd.	.9	.7	1.1	.9	.7	1.4	1.2	.9	1.4	1.2	1.4	1.7	.050
K. R-19 1" Extr Poly Brd (R-5.0)	.8	.6	1.0	.8	.6	1.2	1.1	.8	1.3	1.1	1.3	1.5	.045
L. R-19 R-8 Sheathing	.7	.5	.9	.7	.5	1.1	.9	.7	1.1	.9	1.1	1.3	.040
M. R-27 Wall	.7	.5	.8	.7	.5	1.0	.9	.7	1.1	.9	1.1	1.2	.037
N. R-30 Wall	.6	.4	.7	.6	.4	.9	.8	.6	.9	.8	.9	1.1	.033
O. R-33 Wall	.5	.4	.7	.6	.4	.8	.7	.6	.9	.7	.9	1.0	.030

Footnotes to Table 4 are found on page 84.

Table 4 (Continued)

No. 13 - Partitions Between Conditioned and Unconditioned Space - Wood Frame Partitions	Summer Temperature Difference and Daily Temperature Range												
	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. None ½" Gypsum Board (R-0.5)	2.4	1.4	3.8	2.7	1.4	5.1	4.1	2.7	5.4	4.1	5.4	6.8	.271
B. None ½" Asphalt Board (R-1.3)	2.0	1.1	3.0	2.2	1.1	4.1	3.3	2.2	4.3	3.3	4.3	5.4	.217
C. R-11 ½" Gypsum Board (R-0.5)	.8	.4	1.3	.9	.4	1.7	1.3	.9	1.8	1.3	1.8	2.2	.090
D. R-11 ½" Asphalt Board (R-1.3) R-11 ½" Bead Brd. (R-1.8) R-13 ½" Gypsum Brd. (R-0.5)	.7	.4	1.1	.8	.4	1.5	1.2	.8	1.6	1.2	1.6	2.0	.080
E. R-11 ½" Extr Poly Brd. (R-2.5) R-11 ¾" Bead Brd. (R-2.7) R-13 ½" Asphalt Brd. (R-1.3) R-13 ½" Bead Brd. (R-1.8)	.7	.4	1.0	.8	.4	1.4	1.1	.8	1.5	1.1	1.5	1.9	.075
F. R-11 1" Bead Brd. (R-3.6) R-11 ¾" Extr Poly Brd. (R-3.8) R-13 ½" Extr Poly Brd. (R-2.5) R-13 ¾" Bead Brd. (R-2.7)	.6	.4	1.0	.7	.4	1.3	1.0	.7	1.4	1.0	1.4	1.8	.070
G. R-13 ¾" Extr Poly Brd. (R-3.8) R-13 1" Bead Brd. (R-3.6)	.6	.3	.9	.6	.3	1.2	1.0	.6	1.3	1.0	1.3	1.6	.065
H. R-11 1" Extr Brd. (R-5.0) R-13 1" Extr Poly Brd. (R-5.0) R-19 ½" Gypsum Brd. (R-0.5)	.5	.3	.8	.6	.3	1.1	.9	.6	1.2	.9	1.2	1.5	.060
I. R-19 ½" Asphalt Brd. (R-1.3) R-19 ½" Bead Brd. (R-1.8)	.5	.3	.8	.5	.3	1.0	.8	.5	1.1	.8	1.1	1.4	.055
J. R-11 R-8 Sheathing R-13 R-8 Sheathing R-19 ½" or ¾" Extr Poly R-19 ¾" or 1" Bead Brd.	.4	.2	.7	.5	.2	.9	.7	.5	1.0	.7	1.0	1.2	.050
K. R-19 1" Extr Poly Brd. (R-5.0)	.4	.2	.6	.4	.2	.9	.7	.4	.9	.7	.9	1.1	.045
L. R-19 R-8 Sheathing	.4	.2	.6	.4	.2	.8	.6	.4	.8	.6	.8	1.0	.040
No. 13 - Partitions Between Conditioned & Unconditioned Space. Brick or Brick Partitions	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
M. 8" Brick, No Insul., Unfinished	1.3	0	3.8	1.8	0	6.4	4.3	1.8	6.9	4.3	6.9	9.4	.510
N. 8" Brick R-5	.4	0	1.1	.5	0	1.8	1.2	.5	1.9	1.2	1.9	2.7	.144
O. 8" Brick R-11	.2	0	.6	.3	0	1.0	.7	.3	1.0	.7	1.0	1.4	.077
P. 8" Brick R-19	.1	0	.4	.2	0	.6	.4	.2	.6	.4	.6	.9	.048
Q. 4" Brick 8" Block, No Insul.	1.0	0	3.0	1.4	0	5.0	3.4	1.4	5.4	3.4	5.4	7.4	.400
R. 4" Brick 8" Block R-5	.3	0	1.0	.5	0	1.7	1.1	.5	1.8	1.1	1.8	2.5	.133
S. 4" Brick 8" Block R-11	.2	0	.6	.3	0	.9	.6	.3	1.0	.6	1.0	1.4	.074
T. 4" Brick 8" Block R-19	.1	0	.4	.2	0	.6	.4	.2	.6	.4	.6	.9	.047
No. 14 - Masonry Walls, Block or Brick Finished or Unfinished - Above Grade	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. 8" or 12" Block, No Insul., Unfinished	5.3	3.2	7.8	5.8	3.2	10.4	8.3	5.8	10.9	8.3	10.9	13.4	.510
B. 8" or 12" Block + R-5	1.5	.9	2.2	1.6	.9	2.9	2.3	1.6	3.1	2.3	3.1	3.8	.144
C. 8" or 12" Block + R-11	.8	.5	1.2	.9	.5	1.6	1.3	.9	1.6	1.3	1.6	2.0	.077
D. 8" or 12" Block + R-19	.5	.3	.7	.5	.3	1.0	.8	.5	1.0	.8	1.0	1.3	.048
E. 4" Brick + 8" Block, No Insul.	4.1	2.5	6.1	4.5	2.5	8.1	6.5	4.5	8.5	6.5	8.5	10.5	.400
F. 4" Brick + 8" Block + R-5	1.4	.8	2.0	1.5	.8	2.7	2.2	1.5	2.8	2.2	2.8	3.5	.133
G. 4" Brick + 8" Block + R-11	.8	.5	1.1	.8	.5	1.5	1.2	.8	1.6	1.2	1.6	1.9	.074
H. 4" Brick + 8" Block + R-19	.5	.3	.7	.5	.3	1.0	.8	.5	1.0	.8	1.0	1.2	.047

Footnotes to Table 4 are found on page 84.

Table 4 (Continued)

Summer Temperature Difference and Daily Temperature Range													
No. 15 - Masonry Walls, Block or Brick Below Grade -	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
No. 16 - Ceilings Under a Ventilated Attic Space. Light Colored Roof	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. No Insulation	13.1	11.4	15.3	13.5	11.4	17.5	15.7	13.5	17.9	15.7	17.9	20.1	.437
B. R-7 Insulation	3.4	2.9	3.9	3.5	2.9	4.5	4.0	3.5	4.6	4.0	4.6	5.2	.112
C. R-11 Insulation	2.5	2.2	2.9	2.6	2.2	3.3	3.0	2.6	3.4	3.0	3.4	3.8	.083
D. R-19 Insulation	1.6	1.4	1.9	1.6	1.4	2.1	1.9	1.6	2.2	1.9	2.2	2.4	.053
E. R-22 Insulation	1.4	1.2	1.7	1.5	1.2	1.9	1.7	1.5	2.0	1.7	2.0	2.2	.048
F. R-26 Insulation	1.1	1.0	1.3	1.2	1.0	1.5	1.4	1.2	1.6	1.4	1.6	1.7	.038
G. R-30 Insulation	1.0	.9	1.2	1.0	.9	1.3	1.2	1.0	1.4	1.2	1.4	1.5	.033
H. R-38 Insulation	.8	.7	.9	.8	.7	1.0	.9	.8	1.1	.9	1.1	1.2	.026
I. R-44 Insulation	.7	.6	.8	.7	.6	.9	.8	.7	.9	.8	.9	1.1	.023
J. R-57 Insulation	.5	.4	.6	.5	.4	.7	.6	.5	.7	.6	.7	.8	.017
K. Wood Decking, No Insulation	8.6	7.5	10.0	8.9	7.4	11.4	10.3	8.9	11.8	10.3	11.8	13.2	.287
No. 16 - Ceilings Under a Ventilated Attic (Btuh per sq. ft.) Dark Colored Roof	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. No Insulation	16.6	14.9	18.8	17.0	14.9	21.0	19.2	17.0	21.4	19.2	21.4	23.6	.437
B. R-7 Insulation	4.3	3.8	4.8	4.4	3.8	5.4	4.9	4.4	5.5	4.9	5.5	6.0	.112
C. R-11 Insulation	3.2	2.8	3.6	3.2	2.8	4.0	3.7	3.2	4.1	3.7	4.1	4.5	.083
D. R-19 Insulation	2.0	1.8	2.3	2.1	1.8	2.5	2.3	2.1	2.6	2.3	2.6	2.9	.053
E. R-22 Insulation	1.8	1.6	2.1	1.9	1.6	2.3	2.1	1.9	2.4	2.1	2.4	2.6	.048
F. R-26 Insulation	1.4	1.3	1.6	1.5	1.3	1.8	1.7	1.5	1.9	1.7	1.9	2.1	.038
G. R-30 Insulation	1.3	1.1	1.4	1.3	1.1	1.6	1.5	1.3	1.6	1.5	1.6	1.8	.033
H. R-38 Insulation	1.0	.9	1.1	1.0	.9	1.2	1.1	1.0	1.3	1.1	1.3	1.4	.026
I. R-44 Insulation	.9	.8	1.0	.9	.8	1.1	1.0	.9	1.1	1.0	1.1	1.2	.023
J. R-57 Insulation	.6	.6	.7	.7	.6	.8	.7	.7	.8	.7	.8	.9	.017
K. Wood Decking, No Insulation	10.9	9.8	12.3	11.2	9.8	13.8	12.6	11.2	14.0	12.6	14.0	15.5	.287
No. 17 - Roof on Exposed Beams or Rafters Light Colored Roof	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh pr sq. ft.)												
A. 1½" Wood Decking, No Insul	8.8	7.6	10.3	9.1	7.6	11.8	10.6	9.1	12.1	10.6	12.1	13.5	.294
B. 1½" Wood Decking R-4	4.2	3.6	4.9	4.3	3.6	5.6	5.0	4.3	5.7	5.0	5.7	6.4	.140
C. 1½" Wood Decking R-5	3.6	3.1	4.2	3.7	3.1	4.8	4.3	3.7	4.9	4.3	4.9	5.5	.119
D. 1½" Wood Decking R-6	3.2	2.8	3.7	3.3	2.8	4.2	3.8	3.3	4.3	3.8	4.3	4.9	.106
E. 1½" Wood Decking R-8	2.6	2.3	3.1	2.7	2.3	3.5	3.2	2.7	3.6	3.2	3.6	4.0	.088
F. 2" Shredded Wood Planks	6.2	5.4	7.2	6.4	5.4	8.3	7.5	6.4	8.5	7.5	8.5	9.5	.207
G. 3" Shredded Wood Planks	4.6	4.0	5.4	4.3	4.0	6.2	5.5	4.8	6.3	5.5	6.3	7.1	.154
H. 1½" Fiber Board Insulation	5.1	4.4	5.9	5.2	4.4	6.8	6.1	5.2	6.9	6.1	6.9	7.8	.169
I. 2" Fiber Board Insulation	4.0	3.5	4.7	4.2	3.5	5.4	4.9	4.2	5.5	4.9	5.5	6.2	.135
J. 3" Fiber Board Insulation	2.9	2.5	3.4	3.0	2.5	3.9	3.5	3.0	4.0	3.5	4.0	4.5	.097
K. 1½" Wood Decking R-13	1.8	1.6	2.1	1.9	1.6	2.4	2.2	1.9	2.5	2.2	2.5	2.8	.060
L. 1½" Wood Decking R-19	1.2	1.1	1.4	1.3	1.1	1.6	1.5	1.3	1.7	1.5	1.7	1.9	.041

Footnotes to Table 4 are found on page 84.

Table 4 (Continued)

Summer Temperature Difference and Daily Temperature Range													
No. 17 - Roof on Exposed Beams or Rafters Dark Colored Roof -	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. 1½" Wood Decking, No Insul.	11.2	10.0	12.6	11.5	10.0	14.1	12.9	11.5	14.4	12.9	14.4	15.9	.294
B. 1½" Wood Decking R-4	5.3	4.8	6.0	5.5	4.8	6.7	6.2	5.5	6.9	6.2	6.9	7.6	.140
C. 1½" Wood Decking R-5	4.5	4.0	5.1	4.6	4.0	5.7	5.2	4.6	5.8	5.2	5.8	6.4	.119
D. 1½" Wood Decking R-6	4.0	3.6	4.6	4.1	3.6	5.1	4.7	4.1	5.2	4.7	5.2	5.7	.106
E. 1½" Wood Decking R-8	3.3	3.0	3.8	3.4	3.0	4.2	3.9	3.4	4.3	3.9	4.3	4.8	.088
F. 2" Shredded Wood Planks	7.9	7.0	8.9	8.1	7.0	9.9	9.1	8.1	10.1	9.1	10.1	11.2	.207
G. 3" Shredded Wood Planks	5.9	5.2	6.6	6.0	5.2	7.4	6.8	6.0	7.5	6.8	7.5	8.3	.154
H. 1½" Fiber Board Insulation	6.4	5.7	7.3	6.6	5.7	8.1	7.4	6.6	8.3	7.4	8.3	9.1	.169
I. 2" Fiber Board Insulation	5.1	4.6	5.8	5.3	4.6	6.5	5.9	5.3	6.6	5.9	6.6	7.3	.136
J. 3" Fiber Board Insulation	3.7	3.3	4.2	3.8	3.3	4.7	4.3	3.8	4.8	4.3	4.8	5.2	.097
K. 1½" Wood Decking R-13	2.3	2.0	2.6	2.3	2.0	2.9	2.6	2.3	2.9	2.6	2.9	3.2	.060
L. 1½" Wood Decking R-19	1.6	1.4	1.8	1.6	1.4	2.0	1.8	1.6	2.0	1.8	2.0	2.2	.041
No. 18 - Roof-Ceiling Combination - Light Colored Roof	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. No Insulation	8.6	7.5	10.0	8.9	7.5	11.5	10.3	8.9	11.8	10.3	11.8	13.2	.287
B. R-11 Batts	2.2	1.9	2.5	2.2	1.9	2.9	2.6	2.2	3.0	2.6	3.0	3.3	.072
C. R-19 Batts	1.5	1.3	1.7	1.5	1.3	2.0	1.8	1.5	2.0	1.8	2.0	2.3	.049
D. R-22 Batts (2" x 8" Rafters)	1.3	1.2	1.6	1.4	1.2	1.8	1.6	1.4	1.8	1.6	1.8	2.1	.045
E. R-26 Batts (2" x 8" Rafters)	1.2	1.0	1.4	1.2	1.0	1.6	1.4	1.2	1.6	1.4	1.6	1.8	.040
F. R-30 Batts (2" x 10" Rafters)	1.0	.9	1.2	1.1	.9	1.4	1.3	1.1	1.4	1.3	1.4	1.6	.035
No. 18 - Roof-Ceiling Combination Dark Colored Roof	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. No Insulation	10.9	9.8	12.3	11.2	9.8	13.8	12.6	11.2	14.1	12.6	14.1	15.5	.287
B. R-11 Batts	2.7	2.4	3.1	2.8	2.4	3.5	3.2	2.8	3.5	3.2	3.5	3.9	.072
C. R-19 Batts	1.9	1.7	2.1	1.9	1.7	2.4	2.2	1.9	2.4	2.2	2.4	2.6	.049
D. R-22 Batts (2" x 8" Rafters)	1.7	1.5	1.9	1.8	1.5	2.2	2.0	1.8	2.2	2.0	2.2	2.4	.045
E. R-26 Batts (2" x 8" Rafters)	1.5	1.4	1.7	1.6	1.4	1.9	1.8	1.6	2.0	1.8	2.0	2.2	.040
F. R-30 Batts (2" x 10" Rafters)	1.3	1.2	1.5	1.4	1.2	1.7	1.5	1.4	1.7	1.5	1.7	1.9	.035
No. 19 - Floors Over a Basement or Enclosed Crawl Space	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
No. 20 - Floors Over an Open Crawl Space or Garage	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM (Btuh per sq. ft.)												
A. Hardwood Floor, No Insulation	3.5	1.9	5.4	3.9	1.9	7.3	5.8	3.9	7.7	5.8	7.7	9.6	.386
B. Hardwood Floor R-11	.8	.4	1.2	.8	.4	1.6	1.3	.8	1.7	1.3	1.7	2.1	.084
C. Hardwood Floor R-13	.7	.4	1.1	.8	.4	1.4	1.1	.8	1.5	1.1	1.5	1.9	.076
D. Hardwood Floor R-19	.5	.3	.8	.5	.3	1.0	.8	.5	1.1	.8	1.1	1.3	.054
E. Hardwood Floor R-30	.3	.2	.5	.4	.2	.7	.6	.4	.7	.6	.7	.9	.037
F. Carpet Floor No Insulation	2.3	1.3	3.5	2.5	1.3	4.8	3.8	2.5	5.1	3.8	5.1	6.3	.253
G. Carpet Floor R-11	.7	.4	1.0	.8	.4	1.4	1.1	.8	1.5	1.1	1.5	1.9	.075
H. Carpet Floor R-13	.6	.3	1.0	.7	.3	1.3	1.0	.7	1.4	1.0	1.4	1.7	.068
I. Carpet Floor R-19	.4	.2	.7	.5	.2	.9	.7	.5	1.0	.7	1.0	1.2	.050
J. Carpet Floor R-30	.3	.2	.5	.4	.2	.7	.5	.4	.7	.5	.7	.9	.035
No. 21 - 23 Basement Floors, Concrete Slab on Grade	10		15			20			25		30	35	U
	L	M	L	M	H	L	M	H	M	H	H	H	
	HTM												
All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Notes to Table 4 — Heat Transfer Multipliers (Cooling)

1. The HTM shown in this table do not include credit for infiltration. Refer to Table 5 for summer infiltration calculation procedure.
2. Wall U values include wood framing equal to 20% of the opaque wall area.
3. Ceiling U values include wood framing equal to 10% of the opaque ceiling area.
4. Floor U values include wood framing equal to 15% of the opaque floor area.
5. Summer HTM values include the effects of solar radiation and thermal mass!