

Table 3.1.1.2.C (SI)
ZONE 1 - Compliance Packages for Electric Space Heating
 Forming Part of Sentence 3.1.1.2.(3)

Component	Thermal Values ⁽⁸⁾	Compliance Package			
		C1	C2	C3	C4
Ceiling with Attic Space	Min. Nominal RSI ⁽¹⁾	10.56 + HH	10.56 + HH	8.80	8.80
	Max. U ⁽²⁾	0.095	0.095	0.115	0.115
	Min. Effective RSI ⁽²⁾	10.55	10.55	8.67	8.67
Ceiling Without Attic Space	Min. Nominal RSI ⁽¹⁾	5.46	5.46	5.46	5.46
	Max. U ⁽²⁾	0.205	0.205	0.205	0.205
	Min. Effective RSI ⁽²⁾	4.87	4.87	4.87	4.87
Exposed Floor	Min. Nominal RSI ⁽¹⁾	5.46	5.46	6.16	6.16
	Max. U ⁽³⁾	0.190	0.190	0.177	0.177
	Min. Effective RSI ⁽³⁾	5.25	5.25	5.64	5.64
Walls Above Grade	Min. Nominal RSI ⁽¹⁾	3.34 + 1.76 ci	3.87 + 1.76 ci	3.87 + 1.76 ci	3.87 + 1.32 ci
	Max. U ⁽³⁾	0.224	0.215	0.215	0.238
	Min. Effective RSI ⁽³⁾	4.46	4.65	4.65	4.21
Basement Walls ⁽⁶⁾	Min. Nominal RSI ⁽¹⁾	3.52 + 1.40 ci	3.52 ci	3.52 ci	3.52 ci
	Max. U ⁽⁴⁾	0.250	0.269	0.269	0.269
	Min. Effective RSI ⁽⁴⁾	4.00	3.72	3.72	3.72
Below Grade Slab Entire Surface > 600 mm Below Grade	Min. Nominal RSI ⁽¹⁾	1.32	—	—	—
	Max. U ⁽⁴⁾	0.658	—	—	—
	Min. Effective RSI ⁽⁴⁾	1.52	—	—	—
Heated Slab or Slab ≤ 600 mm Below Grade	Min. Nominal RSI ⁽¹⁾	1.76	1.76	1.76	1.76
	Max. U ⁽⁴⁾	0.510	0.510	0.510	0.510
	Min. Effective RSI ⁽⁴⁾	1.96	1.96	1.96	1.96
Edge of Below Grade Slab ≤ 600 mm Below Grade	Min. Nominal RSI ⁽¹⁾	1.76	1.76	1.76	1.76
Windows and Sliding Glass Doors	Max. U ⁽⁵⁾	1.4	1.2	1.2	1.6
	Energy Rating	29	34	34	25
Skylights	Max. U ⁽⁵⁾	2.8	2.8	2.8	2.8
Space Heating Equipment	Min.	—	—	—	ASHP: 7.1 HSPF
HRV	Min. SRE	81%	75%	81%	55%
Domestic Water Heater ⁽⁷⁾	Min. EF	—	—	—	—
Column 1	2	3	4	5	6

Notes to Table 3.1.1.2.C (SI):

The following definitions apply:

HH = 250 mm high heel

- (1) The values listed are minimum Nominal RSI-values for the thermal insulation component only.
- (2) U-Value and *effective RSI value* shall include entire ceiling assembly components, from interior air film to vented space air film above insulation.
- (3) U-Value and *effective RSI value* shall include entire exposed floor or above grade wall assembly components, from interior air film to exterior air film.
- (4) U-Value and *effective RSI value* shall include entire basement wall or slab assembly components and interior air film.
- (5) U-Value is the *overall coefficient of heat transfer* for a window assembly, sliding glass door assembly or skylight assembly expressed in $W/(m^2 \cdot K)$.
- (6) In the case of *basement wall assemblies*, where RSI 3.52 ci is required RSI 2.11 + 1.76 ci is permitted to be used or vice versa; or where RSI 2.11 + 0.88 ci is required, RSI 2.64 ci is permitted to be used or vice versa.
- (7) If an EF of a water tank is not indicated in a compliance package, there is no EF requirement for water tank for that specific compliance package.
- (8) Nominal and *effective RSI values* are expressed in $(m^2 \cdot K)/W$. U-Values are expressed in $W/(m^2 \cdot K)$.

e₄

Table 3.1.1.2.C (IP)
ZONE 1 - Compliance Packages for Electric Space Heating
 Forming Part of Sentence 3.1.1.2.(3)

Component	Thermal Values ⁽⁸⁾	Compliance Package			
		C1	C2	C3	C4
Ceiling with Attic Space	Min. Nominal R ⁽¹⁾	60 + HH	60 + HH	50	50
	Max. U ⁽²⁾	0.016	0.016	0.020	0.020
	Min. Effective R ⁽²⁾	59.90	59.90	49.23	49.23
Ceiling Without Attic Space	Min. Nominal R ⁽¹⁾	31	31	31	31
	Max. U ⁽²⁾	0.036	0.036	0.036	0.036
	Min. Effective R ⁽²⁾	27.65	27.65	27.65	27.65
Exposed Floor	Min. Nominal R ⁽¹⁾	31	31	35	35
	Max. U ⁽³⁾	0.034	0.034	0.031	0.031
	Min. Effective R ⁽³⁾	29.80	29.80	32.02	32.02
Walls Above Grade	Min. Nominal R ⁽¹⁾	19 + 10 ci	22 + 10 ci	22 + 10 ci	22 + 7.5 ci
	Max. U ⁽³⁾	0.040	0.038	0.038	0.042
	Min. Effective R ⁽³⁾	25.32	26.40	26.40	23.90
Basement Walls ⁽⁶⁾	Min. Nominal R ⁽¹⁾	20 + 8 ci	20 ci	20 ci	20 ci
	Max. U ⁽⁴⁾	0.044	0.047	0.047	0.047
	Min. Effective R ⁽⁴⁾	22.71	21.12	21.12	21.12
Below Grade Slab Entire Surface > 600 mm Below Grade	Min. Nominal R ⁽¹⁾	7.5	—	—	—
	Max. U ⁽⁴⁾	0.116	—	—	—
	Min. Effective R ⁽⁴⁾	8.63	—	—	—
Heated Slab or Slab ≤ 600 mm Below Grade	Min. Nominal R ⁽¹⁾	10	10	10	10
	Max. U ⁽⁴⁾	0.090	0.090	0.090	0.090
	Min. Effective R ⁽⁴⁾	11.13	11.13	11.13	11.13
Edge of Below Grade Slab ≤ 600 mm Below Grade	Min. Nominal R ⁽¹⁾	10	10	10	10
Windows and Sliding Glass Doors	Max. U ⁽⁵⁾	0.25	0.21	0.21	0.28
	Energy Rating	29	34	34	25
Skylights	Max. U ⁽⁵⁾	0.49	0.49	0.49	0.49
Space Heating Equipment	Min.	—	—	—	ASHP: 7.1 HSPF
HRV	Min. SRE	81%	75%	81%	55%
Domestic Water Heater ⁽⁷⁾	Min. EF	—	—	—	—
Column 1	2	3	4	5	6

Notes to Table 3.1.1.2.C (IP):

The following definitions applies:

HH = 10 inch high heel

(1) The values listed are minimum Nominal R values for the thermal insulation component only.

(2) U-Value and effective R value shall include entire ceiling assembly components, from interior air film to vented space air film above insulation.

(3) U-Value and effective R value shall include entire exposed floor or above grade wall assembly components, from interior air film to exterior air film.

(4) U-Value and effective R value shall include entire basement wall or slab assembly components and interior air film.

(5) U-Value is the *overall coefficient of heat transfer* for a window assembly, sliding glass door assembly or skylight assembly expressed in Btu/(h·ft²·F).(6) In the case of *basement* wall assemblies, where R20 ci is required R12 + 10 ci is permitted to be used or vice versa; or where R12 + 5 ci is required, R15 ci is permitted to be used or vice versa.

(7) If an EF of a water tank is not indicated in a compliance package, there is no EF requirement for water tank for that specific compliance package.

(8) Nominal and effective R values are expressed in (h·ft²·F)/Btu. U-Values are expressed in Btu/(h·ft²·F).