

Table 3.1.1.3.C (IP)  
**ZONE 2 - Compliance Packages for Electric Space Heating**  
 Forming Part of Sentence 3.1.1.3.(3)

| Component   | Thermal Values <sup>(8)</sup>   | Compliance Package |                   |
|---|---------------------------------|--------------------|-------------------|
|   |                                 | C1                 | C2                |
| Ceiling with Attic Space                                | Min. Nominal R <sup>(1)</sup>   | 60 + HH            | 50                |
|   | Max. U <sup>(2)</sup>           | 0.016              | 0.020             |
|   | Min. Effective R <sup>(2)</sup> | 59.90              | 49.23             |
| Ceiling Without Attic Space                             | Min. Nominal R <sup>(1)</sup>   | 31                 | 31                |
|   | Max. U <sup>(2)</sup>           | 0.036              | 0.036             |
|   | Min. Effective R <sup>(2)</sup> | 27.65              | 27.65             |
| Exposed Floor   | Min. Nominal R <sup>(1)</sup>   | 31 + 10 ci         | 35                |
|   | Max. U <sup>(3)</sup>           | 0.025              | 0.031             |
|   | Min. Effective R <sup>(3)</sup> | 39.80              | 32.02             |
| Walls Above Grade                                       | Min. Nominal R <sup>(1)</sup>   | 24 + 10 ci         | 22 + 7.5 ci       |
|   | Max. U <sup>(3)</sup>           | 0.037              | 0.042             |
|   | Min. Effective R <sup>(3)</sup> | 27.02              | 23.90             |
| <i>Basement Walls</i> <sup>(6)</sup>                    | Min. Nominal R <sup>(1)</sup>   | 20 + 12 ci         | 20 ci             |
|   | Max. U <sup>(4)</sup>           | 0.037              | 0.047             |
|   | Min. Effective R <sup>(4)</sup> | 26.69              | 21.12             |
| Below Grade Slab<br>Entire Surface > 600 mm Below Grade | Min. Nominal R <sup>(1)</sup>   | 10.0               | —                 |
|   | Max. U <sup>(4)</sup>           | 0.090              | —                 |
|   | Min. Effective R <sup>(4)</sup> | 11.13              | —                 |
| Heated Slab or<br>Slab ≤ 600 mm Below Grade             | Min. Nominal R <sup>(1)</sup>   | 10                 | 10                |
|   | Max. U <sup>(4)</sup>           | 0.090              | 0.090             |
|   | Min. Effective R <sup>(4)</sup> | 11.13              | 11.13             |
| Edge of Below Grade Slab ≤ 600 mm Below Grade           | Min. Nominal R <sup>(1)</sup>   | 10                 | 10                |
|   | Max. U <sup>(5)</sup>           | 0.21               | 0.28              |
| Windows and Sliding Glass Doors                         | Energy Rating                   | 34                 | 25                |
|   | Max. U <sup>(5)</sup>           | 0.49               | 0.49              |
| Skylights   | Max. U <sup>(5)</sup>           | 0.49               | 0.49              |
| Space Heating Equipment                                 | Min.                            | —                  | ASHP:<br>7.1 HSPF |
| HRV   | Min. SRE                        | 81%                | 70%               |
| Domestic Water Heater <sup>(7)</sup>                    | Min. EF                         | —                  | —                 |
| Column 1  | 2                               | 3                  | 4                 |

**Notes to Table 3.1.1.3.C (IP):**

The following definition 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·ft<sup>2</sup>·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·ft<sup>2</sup>·F)/Btu. U-Values are expressed in Btu/(h·ft<sup>2</sup>·F).