

**Table 9.36.6.3.C Requirements for Buildings Located Where the Degree-Days Below 18°C Value is greater than 3999<sup>(1)</sup>**

Forming Part of Sentence 9.36.6.3.(1)

Step	Airtightness (Air Changes per Hour at 50 Pa Pressure Differential)	Performance Requirement of Building Equipment and Systems	Performance Requirement of Building Envelope
1	N/A	EnerGuide Rating % lower than EnerGuide Reference House: not less than 0% lower energy consumption or Conform to Subsection 9.36.5.	
2	$\leq 3.0$	EnerGuide Rating % lower than EnerGuide Reference House: not less than 10% lower energy consumption or mechanical energy use intensity $\leq 100 \text{ kWh/m}^2\text{-year}$	Thermal energy demand intensity $\leq 70 \text{ kWh/m}^2\text{-year}$ or Peak thermal load $\leq 55 \text{ W/m}^2$
3	$\leq 2.5$	EnerGuide Rating % lower than EnerGuide Reference House: not less than 20% lower energy consumption or mechanical energy use intensity $\leq 85 \text{ kWh/m}^2\text{-year}$	Thermal energy demand intensity $\leq 60 \text{ kWh/m}^2\text{-year}$ or Peak thermal load $\leq 50 \text{ W/m}^2$
4	$\leq 1.5$	EnerGuide Rating % lower than EnerGuide Reference House: not less than 40% lower energy consumption or mechanical energy use intensity $\leq 55 \text{ kWh/m}^2\text{-year}$	Thermal energy demand intensity $\leq 50 \text{ kWh/m}^2\text{-year}$ or Peak thermal load $\leq 45 \text{ W/m}^2$
5	$\leq 1.0$	mechanical energy use intensity $\leq 25 \text{ kWh/m}^2\text{-year}$	Thermal energy demand intensity $\leq 15 \text{ kWh/m}^2\text{-year}$ or Peak thermal load $\leq 10 \text{ W/m}^2$

Table C-3 Notes:

<sup>(1)</sup>See Sentence 1.1.3.1.(1) of Division 2 and Table C-2 in Appendix C of the Regulation of the Minister of Natural Gas Development and Minister Responsible for Housing and Deputy Premier, Building Act, Ministerial Order No. M158, dated April 6, 2017

<http://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/construction-industry/building-codes-and-standards/revisions-and-mo/mo158-bcreg138-2017-bcbcreg.pdf>

2) Except as permitted by Sentence (3),

- a) Energy performance shall be calculated in conformance with Article 9.36.6.4., and
- b) Airtightness shall be tested in accordance with Article 9.36.6.5.

(See Appendix A)

3) *Buildings* designed and constructed to conform to Step 5 of any Tables 9.36.6.3 A. to C. and to the Passive House Planning Package, version 9 or newer, are deemed to comply with this Subsection if the energy model according to which the *building* is designed and constructed is prepared by a Certified Passive House Designer, or Certified Passive House Consultant, who is approved by the Passive House Institute.