

Table 9.36.6.3.A. Requirements for Buildings Located Where the Degree-Days Below 18°C Value is Less than 3000⁽¹⁾

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	≤ 3.0	EnerGuide Rating % lower than EnerGuide Reference House: not less than 10% lower energy consumption or mechanical energy use intensity $\leq 60 \text{ kWh/m}^2\cdot\text{year}$	Thermal energy demand intensity $\leq 45 \text{ kWh/m}^2\cdot\text{year}$ or Peak thermal load $\leq 35 \text{ W/m}^2$
3	≤ 2.5	EnerGuide Rating % lower than EnerGuide Reference House: not less than 20% lower energy consumption or mechanical energy use intensity $\leq 45 \text{ kWh/m}^2\cdot\text{year}$	Thermal energy demand intensity $\leq 40 \text{ kWh/m}^2\cdot\text{year}$ or Peak thermal load $\leq 30 \text{ W/m}^2$
4	≤ 1.5	EnerGuide Rating % lower than EnerGuide Reference House: not less than 40% lower energy consumption or mechanical energy use intensity $\leq 35 \text{ kWh/m}^2\cdot\text{year}$	Thermal energy demand intensity $\leq 25 \text{ kWh/m}^2\cdot\text{year}$ or Peak thermal load $\leq 25 \text{ W/m}^2$
5	≤ 1.0	mechanical energy use intensity $\leq 25 \text{ kWh/m}^2\cdot\text{year}$	Thermal energy demand intensity $\leq 15 \text{ kWh/m}^2\cdot\text{year}$ or Peak thermal load $\leq 10 \text{ W/m}^2$

Table Notes:

⁽¹⁾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>