



2024 BC Building Code – LIST OF REVISIONS – Part 6

Part 6: Heating, Ventilating and Air-conditioning Legionella Requirements for evaporative equipment and drain pans are revised to minimize the growth and transmission of Legionella and other bacteria.

Code Reference	TYPE OF CHANGE			
	Editorial	Relocated	New	Comments
Division B Part 6 Section 6.2				
6.2.1.1.(2) Good Engineering Practice			✓	<p>2) Indoor design temperatures for residential buildings shall be those established in Article 9.33.3.1.</p> <p>Part 6 already requires HVAC to be designed according to good engineering practice, and include several examples of that, such as the ASHRAE standards. ASHRAE 55 contains some design temperatures, as do some other listed standards. These are primarily thermal comfort standards and may exceed the code. This BC variation clearly establishes the minimum heating and cooling temperatures in alignment with Part 9. For cooling, the BCBC temperature is required in one room only and is based on occupant safety, not thermal comfort.</p>
6.2.1.5. Installation Standards	✓			Reference to the Safety Standards Act and pursuant regulations is now used in place of specific regulations, so that the reference also captures other requirements of the Act. This is not intended to result in any technical change or change to existing enforcement practices.
Division B Part 6 Section 6.3				
6.3.1.1.(2)			✓	NBC reference specific requirements on required ventilation as it pertains to compliance with ASHRAE 62.1 standard for ventilation, rather than the entirety of the standard as before.
6.3.1.1.(3)			✓	<p>New requirement for exhaust ventilation:</p> <p>Except for storage garages, exhaust ventilation to comply with section 6.5. of ANSI/ASHRAE 62.1</p>



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				Ventilation for Acceptable Indoor Air Quality' as a minimum.
6.3.1.1.(4)			✓	Single dwelling with self-contained heating-season mechanical ventilation to comply with Part 9.32.3. (no longer able to use Part 6).
6.3.2.2.(1) Drain Pans			✓	Drain pan designs are to comply with Section 5.10 of ANSI/ASHRAE 62.1 "Ventilation for Acceptable Indoor Air Quality" and installed so the water drains from the pan and does not stagnate and is accessible for cleaning and maintenance to prevent the proliferation and spread of disease-causing micro-organisms.
6.3.2.2.(2)			✓	Piping shall be constructed of corrosion resistant material to prevent the proliferation and spread of disease-causing micro-organisms.
Table 6.3.2.9.	✓			Air intake distance requirement of 7.6m is required from the discharge of evaporative heat rejection systems.
6.3.2.15. Evaporative Heat Rejection Systems			✓	Expanded provisions to prevent the proliferation and spread of disease-causing micro-organisms caused by stagnant water in these systems. Requirements related to water flow, drainage, and materials used.
6.3.2.16 Evaporative Air Coolers, Misters, Atomizers, Air Washers and Humidifiers			✓	Expanded provisions to prevent the proliferation and spread of disease-causing micro-organisms caused by stagnant water in these systems. Requirements related to water flow, drainage, and materials used. Requirement for backflow protection of these systems is added.
Division B Part 6 Section 6.5				
6.5.1.1.(3)			✓	Reduction in the temperature from 70°C to 52°C that the surface of exposed piping or equipment subject to human contact is permitted to reach.