## WATER SAFETY AND EFFICIENCY REQUIREMENTS*

Maximum flush cycle, maximum flow rate and other requirements summarized below.

### HOT WATER STORAGE TANKS
- Thermostat shall be set at 60 °C

### COOLING TOWERS AND EVAPORATIVE CONDENSERS
- Operating permit required for new and existing systems.

### DECORATIVE WATER FEATURES
- Operating permit required for new and existing systems.

### DISHWASHERS
- Energy Star required

### CLOTHES WASHERS
- Energy Star required

### ICE MAKERS
- Energy Star required

### COMMERCIAL STEAM COOKERS
- Energy Star required

### COMBINATION OVENS
- Energy Star required

### VEHICLE WASH FACILITIES
- Automatic systems: recycle at least 60% of water. Self-service: 11.4 L/min for foam brushes and spray wands.

**For more information visit:**
- [vancouver.ca/operating-permit](vancouver.ca/operating-permit)
- [vancouver.ca/building-bylaw](vancouver.ca/building-bylaw)

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### SINGLE-PASS SYSTEMS, INCLUDING ONCE-THROUGH COOLING
- Prohibited

### TOILETS
- 4.8 L/flush. Full flush on a dual-flush toilet shall not exceed 4.8 L

### URINALS
- 1.9 L/flush

### SHOWER HEADS†
- 7.6 L/min

### LAVATORY FAUCETS†
- Private use 5.7 L/min
- Public use 1.9 L/min + self-closing

### KITCHEN FAUCET†
- Residential use 6.8 L/min
- Non-residential use 8.3 L/min

### PRE-RINSE SPRAY VALVES
- 4.8 L/min

### RESIDENTIAL LANDSCAPE IRRIGATION SYSTEMS
- Pressure reducing valve may be required. Fertigation and chemigation prohibited.

### BUILDING WATER TREATMENT SYSTEMS
- Operating permit required for new and existing systems.

### GEOEXCHANGE SYSTEMS
- Methanol use prohibited. Open-loop systems shall not discharge to sewer.

### ALTERNATE WATER SYSTEMS, INCLUDING RAINWATER HARVESTING
- Operating permit required for new and existing systems.

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* Summary does not include all applicable Vancouver Building By-law and Water Works By-law plumbing requirements.
† Exempt are fixtures within Group B occupancy and those listed in a professional water management plan.