Strategies to cool individual suites, common areas & entire buildings

Risk of heat-related illness starts to increase at indoor temperatures over 26°C for susceptible people, and it increases significantly for everyone at sustained indoor temperatures of 31°C or above. If a residence gets that hot, it is advisable to move to a cooler space.¹

BC HOUSING

No- or Low-Cost Cooling Strategies

Keeping buildings cool can be challenging, especially in older buildings. No- or low-cost ways to provide cooling include:

- Minimize Heat: Tilt or close blinds & drapes against the sun
- Open & Close Windows: Open windows when outside air is cooler; Close windows when it's cooler inside than out
- Airflow: Open windows across room/s or use fans to bring cooler air in ONLY if outside air is cooler than inside air
- Fans: Bring cooler air in; Bathroom & stove fans can remove heat & humidity if air outside is cooler
- Turn It Off: Limit or eliminate heat from stoves, ovens, dryers & dishwashers by reducing use
- Building Upgrade: Where & when appropriate, add external shading, window film

Mechanical Cooling Strategies

Mechanical cooling may be needed to ensure tenants' thermal safety in a heat wave, and can be used in suites, or refuge areas/designated cooling spaces.



Note: BC Housing Design Standards do not permit the use of Window Mounted Air Conditioners, nor do we recommend the use of Packaged Terminal Air Conditioners (PTACs).

¹ <u>https://ncceh.ca/sites/default/files/NCCEH%20Extreme%20Heat%20Event%20-%20Health%20Checklist%20WEB_0.pdf</u>