



## WHY COOL AIR

Cool Air Rentals has been providing consistent, reliable, and efficient solutions for the construction industry since 1995. Supported by our in-house technicians and extensive experience, our team will design, deliver, install, and commission our custom systems with professionalism and accuracy.



## OUR COOLING EQUIPMENT

Construction cooling is an aspect of building construction often overlooked. Extreme weather patterns combined with the sophistication of building science requiring careful monitoring and recording of building conditions are demanding thoughtful planning to reduce challenges. The climate control specialists from Cool Air Rentals can help determine a cooling strategy to regulate interior temperatures and humidity levels, mitigating delays to your construction schedule.



## COOLING CASE STUDIES

### ELECTRICAL VAULTS

This 12-ton air cooled unit is the perfect fit for large electrical vaults. Construction schedules can be advanced with these temporary units, allowing the sign-off and energizing of these rooms months ahead of when the base building equipment is ready.



### CONSTRUCTION COOLING

Cool Air provided a cooling package at Surrey Memorial Hospital to balance the interior temperatures allowing the new flooring application to cure correctly. Four cooling packages were advanced floor by floor until all 12 floors were completed.

### HYDRATION MANAGEMENT

Concrete generates large amounts of heat while curing, a process known as hydration. This two-metre-thick pour required 7,000 metres of embedded PEX cooling line to strip out excess heat, allowing the slab to cure properly and reach its desired strength.



## PROMPT, RELIABLE 24/7 EMERGENCY RESPONSE

**Vancouver**

604.253.4171

**Edmonton**

825.535.3362

**Calgary**

403.472.2918

**Kelowna**

236.788.4354

**Online**

cool-air.com

**Email**

info@cool-air.com



## OUR HEATING EQUIPMENT

Cool Air Rentals can provide heating to an entire building or floor by floor promptly and effectively. Our equipment is easily transportable and will be chosen specifically based on the exact need.



## HEATING CASE STUDIES

### INDIRECT FIRED

To manage the temperature and humidity levels during the construction phase of this project, Cool Air Rentals pressurized each floor by driving warm, dry air inside. Planned escapement of a small amount of air ensured good heat distribution. For added energy savings, the unit was supplied by the building's natural gas connection.



### ELECTRIC HEAT

Our portable electric furnaces provide not only the required heat; they achieve environmental sustainability goals. Ideal for multiple floor heating projects that are too far up for conventional heating methods.

### HYDRONIC

An industrial construction project required a vast amount of heat throughout the winter season. Fan coils were deployed strategically around the perimeter to ensure temperature conditions inside the hoarding were optimal for both construction activity and concrete curing.



## PROMPT, RELIABLE 24/7 EMERGENCY RESPONSE

**Vancouver**

604.253.4171

**Edmonton**

825.535.3362

**Calgary**

403.472.2918

**Kelowna**

236.788.4354

**Online**

cool-air.com

**Email**

info@cool-air.com