

# CONSTRUCTION COOLING

Specifications determining acceptable levels of temperature and humidity are becoming more commonplace on construction projects. Don't let elevated temperature levels impact your construction schedule.

Bring us your design parameters and let us figure out an appropriate cooling strategy.



REAL COOL. REAL FAST.



**Electrical Vaults**

This 10-ton water 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**

The interior temperature of the Surrey Memorial Hospital Tower exceeded allowable conditions for the finished flooring application. Cool Air was brought in to provide a cooling package for four complete floor areas. Once temperatures were balanced and the flooring was cured, the entire package was advanced floor by floor.



**Hydration Management**

The large volume concrete pours at this site generated enough heat during hydration (curing) that a cooling package was required to manage the process. An air cooled chiller was connected to headers and ultimately onto 1" PEX piping that was laid in loops inside the re-reinforcement steel. Chilled circulated water prevented the centre core from reaching damaging temperatures.

## Vancouver

1407 East Georgia St.  
Vancouver BC  
604.253.4171

## Edmonton

3816 56 Ave. NW  
Edmonton AB  
780.729.1685

## Calgary

Depot: 4216 61 Ave. SE  
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## Online

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# CONSTRUCTION HEATING

Use our electric heaters, gas-fired heaters or hydronic boilers to safely speed up the construction process and deliver a finished product that meets all your temperature and humidity requirements.

Our diverse industrial heating lineup means Cool Air has the right unit for you.



## HEAT ... IN A HURRY



**Indirect Fired Forced Air**

This building required a large amount of temporary heating to manage the temperature and humidity levels during its construction phase. Pressurizing the floors by driving warm, dry air inside, while allowing some planned escapement, ensured good heat distribution. The unit was fed by the building's natural gas supply for added energy savings.



**Electric Heat**

Construction of multi-family residential buildings can come with strict criteria, including a demand for environmentally sensitive equipment. Our portable electric furnaces provide both the heat you need and the results your customers expect.



**Hydronic Boilers**

This industrial construction project needed massive amounts of heat all winter long. Large cubic volumes of air under the hoarding, coupled with very cold temperatures, mandated a large-scale response. Fan coils were deployed strategically around the perimeter to ensure temperature conditions inside the hoarding were optimal for both construction work and for concrete curing.

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