

INDUSTRIAL COOLING SOLUTIONS

The management of operating conditions is particularly important when extreme temperatures can put your operation at peril. Pre-planning is essential to ensuring continuity, but operations don't always go according to plan. Breakdowns pose a real danger, and they never happen at a convenient time. We create effective and efficient solutions to meet your most critical needs.

Bring us your issues and let us design an appropriate response.



REAL COOL. REAL FAST.



Teck - Trail Operations

Because we provided a temporary cooling package for this planned shut-down, Teck's kiln was stripped down and rebuilt three days ahead of schedule. Reduced downtime and minimized operational losses afforded our customer huge savings.



Concrete Slab Cooling

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.



Telco Hub Cooling

When this base building's cooling equipment required upgrading, it necessitated a complete shutdown of the HVAC system. Telecommunication equipment that handled telephone, internet and TV traffic had to remain operational and couldn't overheat. We installed a complete temporary cooling package to handle the load until the base building's equipment returned to service.

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
Calgary AB
1.855.253.4171

Online

www.cool-air.com
info@cool-air.com



INDUSTRIAL HEATING SOLUTIONS

Under-performing heating equipment can put your entire operation at risk. Our diverse industrial heating lineup and years of practical experience ensure that we have the right package for you.

Give us a call to see how simple a Cool Air solution can be.



HEAT ... IN A HURRY



This hybrid solution incorporates both indirect-fired forced air and two 1.2 million BTU hydronic heaters. The forced air units drive warm air into the building and pressurize it, while the hydronic heaters pump hot water into the building where it is distributed by strategically located fan coils. This method delivers a high amount of heat into the base of the structure, where it then migrates upward.



These two indirect-fired forced air heaters were required through the construction cycle of this building to ensure temperatures were kept above freezing, and ultimately dried the structure out prior to finishing. These units were connected to the permanent natural gas feed, at a greatly reduced energy cost as compared to propane.



Major tenant improvements to this building required a hydronic unit to provide heat throughout their renovation. Hot water from the hydronic heater was circulated to strategically placed fan coils using high pressure hoses that we installed throughout the structure. This arrangement distributed the heat evenly and kept the space warm and comfortable.

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