

IAQ IN PERSPECTIVE

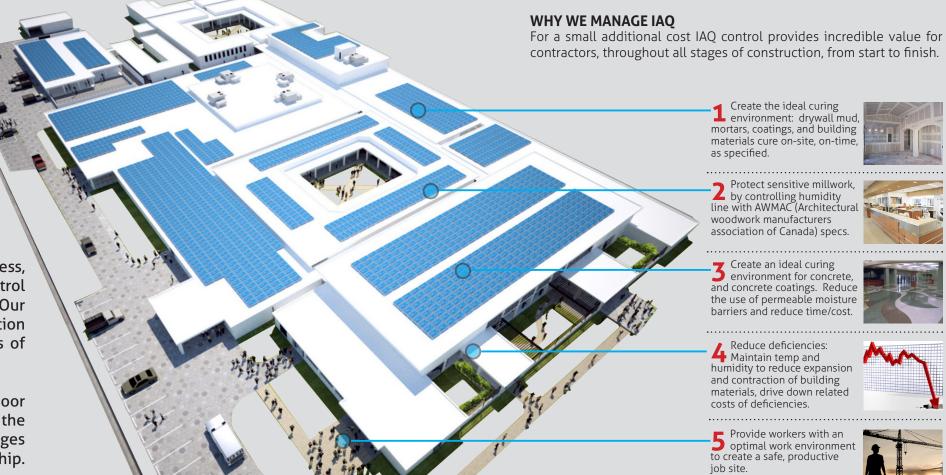
IAQ control, during construction

How to utilize temporary IAQ equipment during construction.

Cavalier Industries Ltd. - 2013

Our goal throughout the construction process, is to provide equipment that can control temperature, humidity, and air quality. Our solution can span from green field construction to final occupancy and improve all aspects of the job.

Our ability to systematically manage indoor air quality through the various phases of the construction process provides many advantages for general contractors, and building ownership.



Create the ideal curing environment: drywall mud, mortars, coatings, and building materials cure on-site, on-time,



Protect sensitive millwork by controlling humidity line with AWMAC (Architectural woodwork manufacturers association of Canada) specs.



Create an ideal curing environment for concrete, and concrete coatings. Reduce the use of permeable moisture barriers and reduce time/cost.



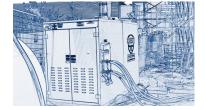
Reduce deficiencies: 4 Maintain temp and humidity to reduce expansion and contraction of building materials, drive down related costs of deficiencies.



Provide workers with an optimal work environment to create a safe, productive iob site.

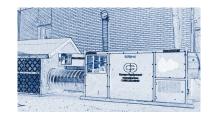


EOUIPMENT SOLUTIONS



Glycol Heating Systems Cost effective / highly efficient. Easy to distribute heat in partitioned spaces. Ideal for high rise heating. Multiple fuel options

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In-Direct Heating Systems Highly efficient. High static pressure/CFM fans Ductable to 400' Heat large open spaces effectively Positively pressurize building.



HEPA Filtration Systems Used to control air quality, meet infection control guidelines by creating neg air barriers as required, protect HVAC system during construction.



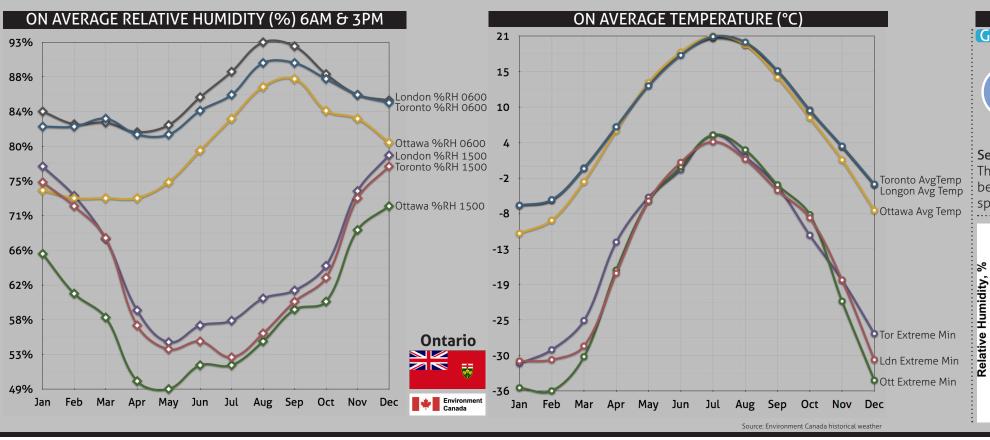
Large Desiccant DEHU For use maximum dew point depression is needed. Dry large areas and buildings efficiently and rapidly. De-humidistat controlled for automatic operation.

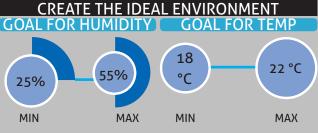


Small Desiccant DEHU High power dehumidification combined with portability. Single Phase operation. Easy and simple setup. De-humidistat controlled for automatic operation.



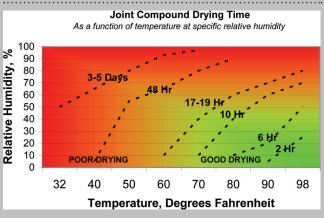
Refrigerant DEHU Low power consumption, highly effective, plug in anywhere solution. De-humidistat option standard Easy setup and move Low grain refrigerant design





Set the goal and strive to maintain it.

The benchmark for temporary IAQ control should be to duplicate, as closly as possible, permanent specifications for temperature and relative humidity.

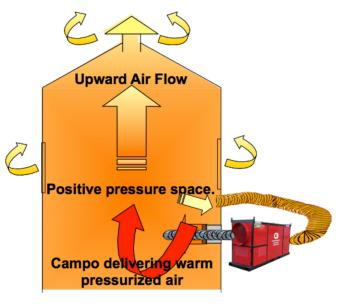


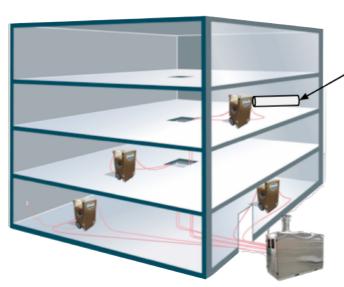
EQUIPMENT SOLUTIONS

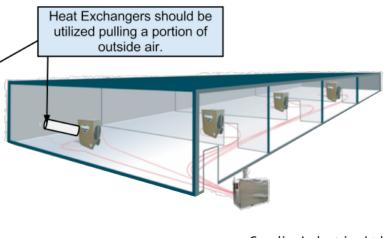


Humidification Systems

Automatically controlled humification systems connect to city water source and humidify as required to maintain minimum humidity requirments. Designed to operate on 120v connections with simple garden hose fitting. Humidistat controlled.







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