

CASE STUDY



The Customer



The Mayor's Charity Ball is the City's premiere annual fund-raising and networking event and is organized in cooperation with the corporate community. This black tie event offers profile and visibility for both the City of Surrey and its business community. Net proceeds from this event are being directed to the Surrey Firefighter's Charitable Society, a charity that is recognized through its charitable work and donations as making a difference in the lives of Surrey residents.

Application

This event took place in an incomplete building that had no dedicated cooling or ventilation system. Time of year and lack of air movement meant that indoor conditions would be hot and uncomfortable.



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Solution: Balancing Budget and Comfort

Two areas inside the large space were targeted:

Main Event Space

A 25 ton air cooled unit was positioned outside the building. Both supply and return air duct was utilized to create a closed loop system to maximize cooling in the area where a sit down dinner was served.

Gaming Area

This long narrow space had previously been hot and humid. By positioning our Hurricane air mover at one end and forcing fresh air through the area, we eliminated the build up of heat.



Result

Finding a balance between adequate results and budget conditions is always a challenge. Cool Air is very adept at understanding the expectations of the client and providing a cost effective solution. For this project we were able to deliver a combined cooling and ventilation package that achieved the sought-after results.

Equipment

- One AC125H23 - air cooled industrial 25 ton unit
- One FVH12V23 - 12,000 CFM Hurricane air mover
- 225' of electrical cable
- 290' of industrial flex duct
- 100' of communication cable for remote control
- Full installation by Cool Air including planning, transportation, installation of equipment and removal of equipment upon job completion.

