



YASKAWA

Case Study

New Concept in Air Displacement

Highlights:

- Qty 10 Drives with Bypass
- 1.5hp thru 40hp, 460v, NEMA 1
- Pump & Air Handling Application

Site Brief: The engineering firm of Ove Arup & Partners proposed a "New Concept" in air displacement for the University of Cal-Davis's Center for the Performing Arts. The new system moves treated air in from the bottom of the area and limits forced circulation to the lower five feet of the occupied space. This concept reduces the load on the system by not cooling or heating above the occupied space.

To realize the full potential of this concept in both human comfort and energy savings, the system required a variable frequency drive with a proven track record for reliability. The mechanical contractor chose Yaskawa.

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