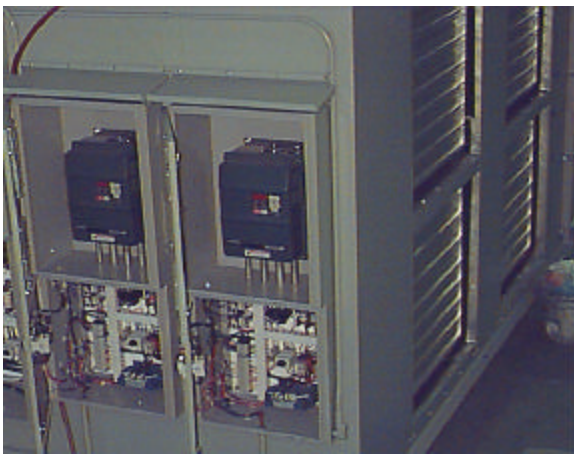


**VFD INSTALLATION ISSUE: MOUNTING THE VFD IN CONDITIONED AIR DUCTS PLENUMS & BEING LISTED BY UNDERWRITERS LABORATORIES**

### Drives in External AHU Compartment



**Drives without UL Listing for Mounting in Conditioned Air Ducts and Plenums**

- **Must Be Isolated from the Air Stream, could result in long motor leads**
- **Requires Costly Air Handling Vestibules and “Cooling” pass thru’s on RTU’s**
- **Drives Cannot be mounted in Mechanical Rooms designated as Return Air Plenums**
- **Drives are susceptible to shipping damage when protruding from AHU**

### Internal View of AHU



**VTAC 7 with UL Listing for Mounting in Conditioned Air Ducts and Plenums**

- **Placed directly in the Air Stream close to the motor**
- **Conditioned Air keeps the drive within service conditions, internal RTU mounting at Air Handling OEM has minimal cost increase**
- **VTAC 7’s Can be mounted in any Mechanical Room**

**NOTE: Special Thanks to Energy Labs in Whittier, CA for Equipment Photos**