



## Computer Room Air Conditioner Unit (CRAC Unit) for Aerial Survey Building

### Specifications

TDOT is seeking a contractor to furnish and install a Stulz COS-120-AR-U-EC computer room air conditioner (CRAC) unit at the Tennessee Department of Transportation, Aerial Survey and Wireless building located at 6600 Centennial Blvd. Nashville TN, 37209.

Contractor shall be responsible for all necessary materials, tools, equipment, and labor to complete installation. Once installed contractor will turn the unit on and let it run minimum of thirty minutes to ensure cooling, verify no electrical issues, thermostat properly working, and monitor for malfunctions from manufacturer. Contractor installer must have a masters contractor license. Installation shall be completed within 15 days of receipt of unit.

Install shall include:

1. Furnish unit with condensate cut-off switch installed in the drain pan.
2. Mount unit on floor stand.
3. Furnish with 1" MERV 8 track filter.
4. Furnish with 7-day programmable thermostat.
5. Furnish with touch screen controller, factory mounted return air sensors.
6. Furnish with BACNET (building automation and control networks) interface and alarm contacts.
7. Furnish with 9kw electric reheat and electric steam humidifier.
8. Furnish with 3-way discharge air plenum, rear ducted return.
9. Furnish with non-fused disconnect switch.
10. Furnish with ECM blower motor and aluminized primary/ stainless steel secondary heat exchanger.
11. Furnish with UV light carrier model UVLCC2LP MTD, at cooling coil.