

Displacement Ventilation example

Zone [?] [X]

General | Lighting | Mechanical | Schedules

Standard Lighting

- Use Standard LPD Standard: 1.500 W/ft²
- Use Calculated Tailored LPD Tailored: 0.000 W/ft²
- Override with Tailored LPD Override: 1.800 W/ft²

Proposed Lighting

- Use Standard LPD (No Plans) Standard: 1.500 W/ft²
- Use Installed LPD Installed: 0.000 W/ft²
- Override with Modeled LPD Override: 1.690 W/ft²

Portable Lighting for Offices > 250 sqft

- Use Standard LPD (No Plans) Standard: 0.200 W/ft²
- Use Installed LPD Installed: 0.000 W/ft²
- Override with Portable LPD Override: 0.000 W/ft²
- Non-office function, or Area is <= 250 sqft
- Documentation is provided showing Adequate Light Levels

Lighting Type: Rec Fluor Return Vent Heat to Zone: 10 %

OK Cancel

Lighting Type set to Recessed Fluorescent Return Vent

Set Heat to Zone at 10%

Central System [?] [X]

Heating | Cooling | Economizer | Fans | Evaporative Cooling

Cooling Coil:

- Coil Control: Warmest Zone
- Total Output: 234000 Btu/hr
- Sensible Output: 200055 Btu/hr
- Supply Temp: 63 °F
- Efficiency: 9.70 SEER

Condenser:

- Condenser Type: Air Cooled
- Evap PCC Eff: 0.80

Pump Motor:

- Design Power: 0.000 hp
- Drive Efficiency: 97.0 %
- Motor Efficiency: Standard

Performance at ARI Conditions

- Energy Efficiency Ratio: 12.00 EER
- Compressor/Condenser Power: 0.0 kW

Fan Heat Included in Output Ratings

Room A/C & Room Heat Pump

Side Louvers

OK Cancel

Coil control set to Warmest Zone

Supply temperature set to 63° to possibly 65°F

Central System [?] [X]

Heating | Cooling | Economizer | Fans | Evaporative Cooling

Air Economizer Characteristics

- Economizer Type: Diff. Enth (Integrated)
- Limit Temperature: 75 °F

Water Side Economizer

OK Cancel

Economizer should be either differential enthalpy or differential temperature integrated