

Increasing the Free Cooling Differential Setpoint

To: Site Technicians and Service Contractors responsible for PM Service and Repair

Subject: Increasing the Free Cooling Differential Setpoint

Related Products: All ASLLC Series Controllers (ASLLC.2, ASLLC.2.48, ASLLC.2A, ASLLC.2A.48)

Background: The Free Cooling function standard on all AIRSYS units introduces large amounts of outside air into sites. Without enough exhaust capability, Free Cooling may induce undesirable overpressure in the building. To mitigate this, the free cooling differential setpoint can be increased. This setting is the minimum difference between the indoor and outdoor temperatures needed for free cooling to start. By increasing this difference, free cooling will only start when the outdoor temperature is very cool and therefore introduces less air into the building.

Instructions

1. Press **Up** until 5 8 8 is displayed.
2. Press **Down** and **Sel** together, the screen should display a flashing 0. If this is not the case, return to step 1.
3. Press **Up** until the screen displays 5 and press **Sel**, the screen will display L 0 1.
4. Press **Up** until the screen displays L 0 4 and press **Sel**, the screen will display 0 0 1.
5. Press **Up** until 0 0 5 is displayed and press **Sel**.
6. Use the **Up** and **Down** buttons to change the Free Cooling Differential Setpoint to **16°F**. After this change, free cooling will only be enabled if the difference between the indoor and outdoor temperatures is greater than 16°F.
7. Press **Sel** to confirm the setting, then press **Up** and **Down** together to return to the indoor temperature.