

Fresh Air Ventilation

Limitation: Outside Make-Up Air Causing Indoor Air Issues

Cooling outside summer air for ventilation and climate control may cause Indoor Air Quality problems. Lowering air dew point to acceptable levels may be unattainable with your existing equipment.

Standard air conditioners have limited dehumidification capability when projects require outside make-up air for ventilation. Proper conditioning of make-up air can save on climate control operating costs.

Solution:

Subcooled Air can deliver cooling tonnage and dehumidification to ventilation air, by cooling outside air to 40°F. Satisfying ventilation requirements with cold, dry air reduces cooling system requirements and reduces the amount of time your current system runs. High efficiency allows smaller units to perform large jobs.

Thermostat controlled reheat provides supply air temperature of up to 85°F. During the day, when temperatures are hot, cold 40°F dew point air is supplied. Reheated supply air at 85°F and 40°F dew point can be delivered all night when space temperatures fall.



Benefits:

- **Lower cooling operating costs**
- **Sturdy, reliable equipment**
- **40°F supply air dew point**

For an engineered review of your application, or to learn more about Subcooled Air, visit www.subcooled.com, contact our staff in Houston, TX at 713-201-1478 or send us an email to tomd@subcooled.com.