

Climate Control

Cooling Coils

Titan Air utilizes cooling coils designed to meet customer specific performance requirements. Options available are specified spacing, number of rows, fins per inch, refrigerant choices and materials (copper, aluminum, steel, stainless steel, etc.) Additional selections are available for factory mounted expansion valves, hot gas bypass ports and special coil coatings. Chilled water coils and ammonia coils are also easily incorporated. Stainless steel sloped drain pans are standard.



Pledge to Our Customers

Titan Air pledges to continue product improvements and offerings through the use of customer input and new technologies that become available. As a valued customer, Titan Air realizes that you have come to expect nothing less.

Contact Titan Air

For complete information on our products and services, please contact Titan Air at:

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**Titan Air will be the best, build the best,
employ the best, and lead the rest.**



SOLUTIONS FOR INDUSTRIAL AND COMMERCIAL HEATING, COOLING, AND VENTILATION



Indirect Fired Air Make Up



Breathe Easier with Titan Air.



Indirect Fired Air Make Up Systems

Titan Air understands that in the business of industrial heating and cooling, many options are required to suit unique and versatile needs. The Indirect Fired product line offers customers another solution for their heating and ventilating challenges.

Titan Air Offers Many Options for Indirect Units.

Titan Air's Indirect Fired Units are used for more than just heating a building. These units can be built with the ability to ventilate, cool, humidify, as well as make up air. The cabinet is designed specifically for each application, resulting in the smallest footprint reasonable.



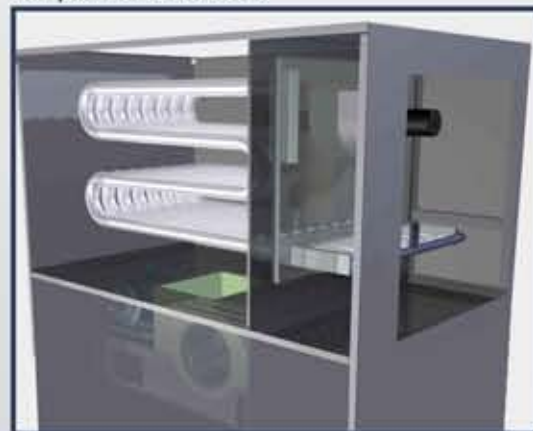
In heating mode, an indirect fired heat exchanger is used to maintain discharge or space temperature. In cooling mode, the heat exchanger can be utilized for dehumidification applications.

Numerous control options are available for an indirect fired unit. Controls available range from simple discharge temperature control to more sophisticated building management systems. Other control options include time clocks, indicating lights and alarms. Mixing dampers, discharge diffusers, cooling coils and cooling controls are offered as well.

Standard Indirect Fired units are ETL listed.

Many Unit Configurations

Indirect Fired Air Make Up units have as many configuration options as the direct fired units do. The units can be designed for either inside or outside applications. Depending on the size of the unit, numerous indirect burners can be set up in series or stacked to maximize the heat produced by the unit. Stacking the burners creates a smaller footprint for the customer and also increases the turndown ratio. For example, a unit with one burner has a 4:1 turndown ratio, a unit with 2 burners has an 8:1 and a unit with three burners has a 12:1 turn down ratio. This gives the end user a lower minimum temperature rise, allowing for more precise temperature control.

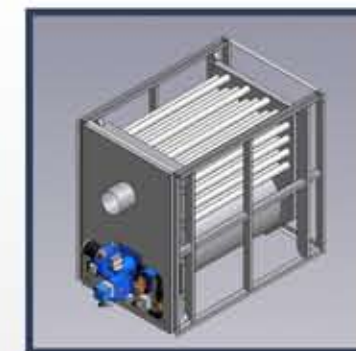


Unique Features of Titan Air's Indirect Fired Air Make-Up Units

Titan Air's Indirect Fired units have unique burner and blower options. The two exchanger types are an in-shot type and a drum and tube type exchanger. They both work by transferring heat from a gas flame through a stainless steel heat exchanger where the airstream is pushed over the heat exchanger, warming the air. Specific turndown ratios are available with various configurations and combinations of heat exchangers.



In-shot Type



Drum and Tube Type

