AR System Control

Johnson Controls FX Control

Johnson Controls FX controllers are designed specifically for commercial heating, ventilation, air conditioning, and refrigeration applications. FX controls can support a wide range of physical inputs and outputs, including sensors and actuators. They also use an extensive programming feature, which enables a wide range of programmable applications.

The FX control also includes an onboard real time clock to support the start up scheduling of equipment and real time based control sequences.

Johnson Controls User Interface

Johnson Controls FX panel or wall mount user interface can be mounted up to 1,000 feet from the FX controller.

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

TITAN AIR INCORPORATED

Direct Fired Air Recirculation System

Breathe Easier with Titan Air.

Titan Air's Indoor Air Quality Solutions

Titan Air's Air Recirculation System is an energy saving unit that recirculates heated air and substantially reduces cold air infiltration. This is obtained by creating a slight, positive pressure within the building which helps control heat distribution and building ventilation.

Titan Air AR System

Titan Air's AR system is designed to substantially reduce infiltration of cold air (which accounts for up to 40% of a building's heat loss) and reduce energy requirements considerably. Titan Air's AR pressurized heating system creates a slight and even, overall pressure that effectively controls infiltration of cold air. The AR system is capable of supplying 100% fresh air, or a mixture of fresh and return air. When not in maximum ventilation mode, the system will recirculate building air to reduce energy requirements. Return air does not pass across the direct-fired burner. AR system advantages include high heating efficiency, lower energy use, and greater overall comfort. Titan Air's AR system, when used with properly sized building relief, will help clear out airborne contaminants and help provide a solution to indoor air quality problems.

Natural gas units are ETL listed with a 110 degree temperature rise and LP units are listed with a 90 degree temperature rise.

Titan Air's Indoor Pool Area Comfort System

Titan Air has modified their AR unit and created an indoor pool area comfort system. This helps create a comfortable pool environment so those not in the water can relax and socialize. The pool area heating/ventilating system comes designed for high efficiency operation, especially in cold climates. For required ventilation, the Titan Air AR system introduces tempered outside air to replace humid and corrosive air that is exhausted from the pool enclosure. In winter, the amount of fresh air being supplied is dictated by the level of relative humidity in the pool area.

Titan Air's Pool Area unit is protected from chlorine induced corrosion through the use of a special corrosive resistant paint. This helps to ensure that the unit will withstand this environment longer than other types of equipment.

Titan Air's AR Design Parameters

Titan Air's AR system features a direct-fired burner, fresh air and return air dampers, as well as ventilation and temperature controls. Titan Air's burner features an aluminum casting, which means the orifices will not rust shut, unlike the cast iron manifolds used in competitors equipment.

Titan Air's AR system design allows both fresh air and return air to enter the unit. This design saves energy, as the unit only heats the outside air, which may account for as little as 20% of the air brought into the building. This setup allows for minimal use of the burner, saving money on energy.

Visit us online at www.titan-air.com

Call Titan Air at 715.597.2050