

Improving Indoor Air Quality on the Casino Floor

For casinos, maintaining guest comfort can be a challenge, especially when the indoor air is filled with smoke. Keeping this air clean means using large volumes of outdoor air, typically around 20 or more air changes per hour. Cooling and dehumidifying this air in warm, moist climates or heating it in cooler climates leads to a huge energy bill. This unit uses both hot and chilled water coils and energy recovery to reduce energy costs and keep guests comfortable.

Performance Specification

Model: **XHS-60-84-RT-BP-HW-CW**

Supply cfm: 18,715

Exhaust cfm: 15,580

Built: November 2003

Dimensions: 120" H, 288" L, 116" W

Weight: 13,000 lbs

Energy 908 MBH (Winter)

Recovered: 290 MBH (Summer)

Design 0 °F / 67% RH (Winter)

Conditions: 98 °F / 38% RH (Summer)

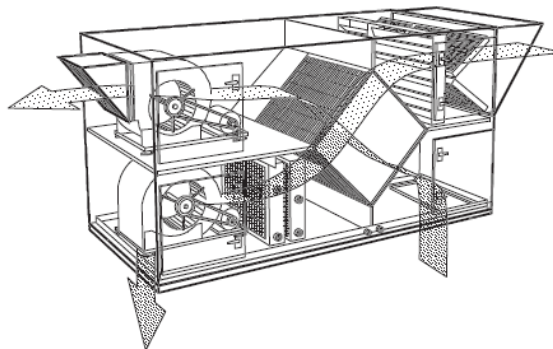


Unit Features

- XLT-60-84 Aluminum, Flat Plate Heat Exchanger
- 36" Heavy Duty Backward Inclined Airfoil Plenum Blowers
- Heavy Duty Double Wall (16 ga / 22 ga), 2" Thick Fiberglass Insulated Cabinet with Enamel Paint; Stainless Steel Access Door Hinges and Roller Cam Latches
- Complete with Motor Starters and Breakers; Fused Branch Circuits and Disconnect; and Single Point Power Connection
- 2" 30/30 Outside Air and Return Air Filters
- 676 MBtu Hot Water Coil; 1,099 MBtu Chilled Water Coil
- Configured for Outdoor installation
- ETL Listed
- Outside Shutoff, Outside Bypass, and Exhaust Backdraft Dampers
- Stainless Steel Drain Pan
- Automated Frost Controls, Economizer, and Seasonal Recovery Changeover



Exhaust Air Hood, Bird Screen, and Gravity Backdraft Damper



10 hp Return Blower