

## Large Capacity, Low Profile, and all the Options

This is the largest IAQ built to date. It was designed specifically for the needs and constraints of a State DOT facility. In addition to being a large capacity IAQ with cost-cutting energy recovery, this unit also features a steam heating coil, chilled water cooling coil, and custom green enamel exterior. Even with all these options, the low profile made possible by the IAQ's side-by-side airflow configuration also allowed it to be located on the building rooftop without affecting the architect's aesthetic design.

### *Performance Specification*

Model:	<b>IAQ-15000-RT-BP-CW</b>
Supply cfm:	15,000
Exhaust cfm:	15,000
Built:	October 2004
Dimensions:	104" H, 264" L, 132" W
Weight:	12,500 lbs
Energy Recovered:	853 MBH (Winter) 118 MBH (Summer)
Design Conditions:	-11 °F / 45% RH (Winter) 87 °F / 55% RH (Summer)

### *Unit Features*

- The double wall cabinet exterior is 18ga, enamel-coated, galvanealed steel insulated with 2" thick fiberglass insulation and an 18ga galvanized interior wall. Frame is welded structural steel. Drain pans are welded stainless steel.
- 30" Supply and 22" exhaust blowers are Plenum/DWDI type belt driven by NEMA Frame, TEFC, Premium Efficiency motors (20 hp supply, 15 hp exhaust) on adjustable bases. The blowers are mounted on spring isolated frames with flexible duct connections.
- The 6-row chilled water coil is rated at 70 tons and the single row steam coil at 465 MBH.
- Dampers: Outside Air Shut-Off, Outside Air Face-and-Bypass, and Exhaust Air Backdraft
- 2" MERV 8 filters on both outdoor and return airstreams protect the unit from debris.
- Single Point Power electrical panel includes main disconnect, motor starters, and branch circuit breakers.

