



CASINO APPLICATIONS

SEMCO is a global leader in air quality solutions. We specialize in the design and manufacture of a wide range of air climate and air movement products. SEMCO has decades of experience in the gaming industry. Our products ensure that both customers and staff are breathing cleaner, fresher air when our energy recovery wheel ventilation systems are utilized.

Exhaust air from casinos can contain pollutants such as environmental tobacco smoke, off-gases from carpets and construction glues and solvents – all potential contributors to poor indoor air quality. The SEMCO True 3Å wheel desiccant does not adsorb these airborne contaminants. Instead they are passed through and exhausted. Independent laboratory and field testing has documented 0.45% cross-contamination between air streams. Our products also reduce maintenance by including an anti-stick face coat that is specific to environmental tobacco smoke.

Following is a selection of casinos using SEMCO products to improve indoor air quality:



Montreign Resort Casino 2016
Monticello, New York
SEMCO Solution: 17 systems sizes: EPD-05, EPD-09, EPD-13, EPCH-18, EPD-24, EPD-43
Still Under Construction



Seminole Hardrock - Porte Cochere 2016
Fort Lauderdale, Florida
SEMCO Solution: 3 systems size: EPCH-43
Total CFM: 120,000
Total Cooling Tonnage Provided: 933
Total Cooling Saved by Enthalpy Wheel: 461
Total Heat Provided by TE Wheel: 880,522 BTU/hr



Lago Resort and Casino 2015
Seneca County, New York
SEMCO Solutions: 10 systems sizes: EPD-5, EPD-13, EPD-18, EPCH-18, EPD-24 and EPD-43
Total CFM: 210,800
Total Cooling Tonnage Provided: 920
Total Cooling Saved by Enthalpy Wheel: 454
Total Heat Provided by TE Wheel: 16,057,294 BTU/hr

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Hard Rock Tulsa

Catoosa, Oklahoma

SEMCO Solutions: 4 systems sizes: EPHC-28 and EPHC-43

Total CFM: 126,000

Total Cooling Tonnage Provided: 886

Total Cooling Saved by Enthalpy Wheel: 438

Total Heat Provided by TE Wheel: 14,345,204 BTU/hr

2012



Choctaw Casino & Hotel Expansion

Durant, Oklahoma

SEMCO Solutions: 16 systems sizes: EPC-35 and EPC-35M

Total CFM: 525,000

Total Cooling Tonnage Provided: 3,408

Total Cooling Saved by Enthalpy Wheel: 1,682

Total Heat Provided by TE Wheel: 23,498,905 BTU/hr

2009



Philadelphia Park Casino II (PARX)

Ardmore, Pennsylvania

SEMCO Solutions: 15 systems sizes: EPCH-43

Total CFM: 600,000

Total Cooling Tonnage Provided: 4,020

Total Cooling Saved by Enthalpy Wheel: 1,984

Total Heat Provided by TE Wheel: 48,228,924 BTU/hr

2008



Indiana Live Casino

Indianapolis, Indiana

SEMCO Solutions: 12 systems sizes: EPCH-43 and EPCH-24

Total CFM: 438,000

Total Cooling Tonnage Provided: 2,986

Total Cooling Saved by Enthalpy Wheel: 1,473

Total Heat Provided by TE Wheel: 32,817,302 BTU/hr

2008



Lumière Place Casino and Hotel (Pinnacle Entertainment)

St. Louis, Missouri

SEMCO Solutions: 6 systems sizes: EPHCH-28

Total CFM: 147,000

Total Cooling Tonnage Provided: 939

Total Cooling Saved by Enthalpy Wheel: 463

Total Heat Provided by TE Wheel: 13,187,059 BTU/hr

2006