

Hyatt Hotel Andaz

75 Wall Street, New York

The staff at the Hyatt Andaz Hotel in NYC chose rooms 701 and 801 for the Internal Air Quality (IAQ) test as these rooms were identical in size and exposure.

AtmosAir installed an SG-FC100 unit in Room 701's fan coil, and left the normal aircon filter in place.

Room 801 had no AtmosAir unit installed, but the standard filter was replaced with a MERV 13 one inch pleated filter.

Each room was set at 74°F and medium fan speed. The fan was set to automatic so it would cycle on and off as the unit required to maintain constant temperature.

After 1 week, the results showed a 260% decrease in power usage, and substantial reductions in PM's and VOC's.

Test Location	Electricity Usage KWH	PM 10 Particles	PM 2.5 Particles	Total VOC's
		% Reduction	% Reduction	% Reduction
Room 801 MERV 13 Filter only	0.8 kwh			
Room 701 AtmosAir and Normal Filter	0.3 kwh	15% reduction	20% reduction	100% reduction

