

# Ridding Resorts of Restaurant Odors

## GREECE

A five-star resort and spa on one of Greece's most popular islands had five in-house restaurants, which caused strong odor issues throughout the hotel, including common areas and guest rooms. This was concerning to the agency working with the resort, so they requested the issue be remedied before the heavy travel season began in just two months. This is when the resort contacted DimTech, a trusted global air quality expert.

Working alongside Purafil, DimTech created a solution to eliminate the restaurant odors quickly. We ensured the solution would be less than 40dB for optimal guest satisfaction and comfort. We suggested installing different sized kitchen emissions in varying orientations, which meant a custom three-piece system that combined HEPA filters with UV-C systems and Purafil Select CP Blend media. We also used a silencer to decrease noise generated by the fans. Exhaust units ranged from 4000 m3/h to 7000 m3/h and were in both vertical and horizontal orientations (depending on the space dimensions).

The DimTech and Purafil team was able to deliver the highest level of service in under two months, ensuring odors were successfully eliminated in time for the first guests' arrival. The resort maintained their relationship with the travel agency, allowing them to maintain a high occupancy rate in their peak season.

The resort remains a loyal and odor-free Purafil customer with happy and comfortable guests.

**"DimTech did a fantastic job using Purafil solutions. They were able to solve our problem on time, so we could avoid having complaints from hotel guests during the high season" - Resort Maintenance Manager**





# Decreasing Energy Costs, Increasing Indoor Air Quality

## ATLANTA, GEORGIA

Built in 1967, the Hyatt is a 1,260-room, 24-floor premier hotel located in the heart of Atlanta. This bustling hotel, with help from Purafil, was able to provide cleaner, fresher air for its guests while reducing energy costs.

Building code requires 50 CFM of room exhaust or 63,000 CFM of make-up air. By installing four Purafil Front Access Systems with PK-18 modules filled with our CP Blend, the Hyatt was able to reclassify (per ASHRAE 62 Indoor Air Quality Procedure) the exhaust air from the rooms, which was already cool and dehumidified. This helped reduce energy costs by decreasing the total amount of outside air required to keep to the 50 CFM per room standard.

Our Front Access Systems with CP Blend media were able to remove gaseous contaminants by converting adsorbed gases into non-toxic solids (that remain on the media pellet). Purafil's CP Blend Select media is UL certified and does not support bacterial or fungal growth.

**Not only were we able to save the Hyatt tens of thousands of dollars in energy costs, but we were also able to help the Hyatt team plan and budget for media replacements with our free media life analysis (MLA).** Third party testing confirms that Purafil's media life lasts longer than other competitive options.

We are proud to maintain our partnership with the Hyatt Regency for more than 20 years.

