

# Purafil Provides Clean Air to a Children's Hospital

## ATLANTA, GEORGIA

A major children's hospital in Atlanta, Georgia was having issues with the air quality coming into their building. Doctors and patients were complaining about strong diesel odors while in the Operating Rooms (OR), and the hospital places a high priority on providing comfort. The source of the odors was identified as the air intake system located on the roof near the hospital helipads. Because time is critical, helicopters generally do not shut off during transport, continuing to emit exhaust fumes for the duration of the time they are on the helipads. The nearby air intake was pulling the helicopter exhaust fumes into the building HVAC system, and the OR suite.

The existing filtration system utilized by the hospital was not effectively filtering the harmful and unpleasant diesel exhaust fumes (diesel oil has more than 30 components that can cause cancer, according to the International Agency for Research on Cancer) or the other gaseous contamination from the busy city environment. **The hospital's contractor recommended a Purafil solution based on their experience and Purafil's proven air quality management solutions for this application.** The children's hospital brought in Purafil and local representative AirEnergy, Inc. to help.

Upon evaluation of the problem, Purafil recommended integrating side and front access scrubbers to the hospital's existing HVAC systems along with PK-18 modules containing Purafil's CP select media. The CP select media blend is designed to remove sulfur oxides and other odorous pollutants from makeup air that are produced by automobiles and other sources of fossil fuel combustion like helicopters. The Purafil solution was installed with positive results. **There has been no complaints about odor quality since the installation and the children's hospital has remained a valued customer with superior air quality for over 10 consecutive years.**

