



# CASE STUDY

## Side Access Housing (SAH)

### Taif Hospital

#### THE PROBLEM:

Taif Hospital in Saudi Arabia began receiving complaints regarding odors around the facility. Leadership looked into the source of the odor and found that the hospital operating capacity has grown. The additional volume of food processed in the commercial kitchens caused odors to be emitted throughout the campus. With patient and staff satisfaction at the forefront of decision making, the hospital chose to look for a reliable solution to remove the odor from the air, not just mask odors, as it leaves the kitchens.



#### THE SOLUTION:

Working with local representatives, Taif Hospital came to PureAir to see if their gas phase technology could assist with this problem. They implemented the following solution:

- Three SAH18-606-BLWR EcoClean™ Kitchen Exhaust Ecology units to treat 8000 CFM each of malodorous air
- MERV 8 prefilter, 21" 90% efficient bag intermediary filter, and MERV 13 final filter
- One internal stainless steel blower with sound insulation
- Discharge fire damper

The hospital, patients, and surrounding neighborhood have been happy with the installation and no longer experience the unpleasant commercial kitchen odor.

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