



Airport Zürich Terminal A

- 1 The air inside the terminal A was polluted by kerosene odors from the airfield. The waiting rooms and surrounding area were affected. The air was treated with Varionix ionization systems Varion KHF5 in conjunction with the existing carbon filtration systems. The ionization takes over the base load of odor elimination. The carbon filter to take the short-term peak loads. In the standard operating the ionization systems regenerate the carbon filters and extend their life cycle. The building has a ventilation system with an exhaust volume 42'000 m³/h

Varionix System Solution

- 2 Varionix ionization systems Varion KHF5 installed in an incoming air duct.
- 3 The control systems in the control cabinet of the HVAC system for the activation of the ionizers and for regeneration of the carbon filter system. The Varionix sensors respond specifically to kerosene.

