

Comprehensive IAQ solution for a Leading Global Pharmaceutical

CASE STUDY: PHARMACEUTICAL

Customer Profile:

- Location: India
- One of the largest general pharmaceutical companies by revenue globally
- The company's key focus areas include paediatrics, cardiovascular and several other areas.

Many pharmaceutical companies today are already benefitting from AAF's recognized expertise in air filtration.

Filtration Situation:

One of our esteemed pharma companies had reliably functioning air filtration system in their cleanrooms, production house and processing areas. But the COVID-19 situation has brought the thought of securing the unclassified areas of the plant since the employees were joining back to offices after the lockdown and their exposure to the virus was unknown. The company decided to add an additional support system - a HEPA air purifier to create an infection-free and secure environment for which they sought advice from the consultant.

AAF International Solution:

With the site visit of the plant, the clear plan was to install an additional air purifier for the designated area.

AAF HEPA filtration systems were designed to create negative pressure environments or recirculation /dilution in healthcare settings. It features quiet, energy-saving motorized impellers, specially designed gasket-seal HEPA filter with 99.993% efficiency at 0.3µm, prefilter, aircraft-type cabinet construction, locking control filter compartment and attractive design. The HEPA filters used are auto-scan tested, prefilters are UL listed and the fan CE certified.

Recommendation:

AstroPure 1000 – Portable HEPA Filtration System:

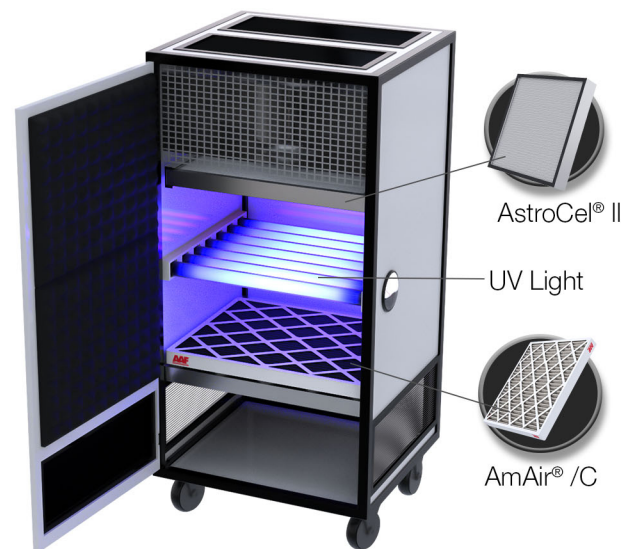
AstroPure 1000 is the most versatile model designed to create airborne infection free environment in a controlled environment. The unit has a 3-stage of filtration with UV-light. It provides ultra-clean air by capturing the airborne particles and odour effectively. The prefilter elongates the life span of a higher efficiency filter. The gas-phase filter effectively removes odors. The UV-light then kills the captured virus and recirculates the clean air through the final filter stage HEPA.

Another advantage includes its ease-of-use in 3 operation modes:

- 100% exhaust
- Need based variable exhaust based on the application
- 100% recirculation

The easy-to-move caster cart portable system is a plus, for the movement from one room to another.

AstroPure 1000



Results:

Since the corporate office quality control area of the company was quite large, AAF experts and the consultant worked together and planned AstroPure 1000 to filter out airborne contaminants and clean the air in their quality control area. Then, the testing of AstroPure 1000 air purifier was done by installing it in one of the plants. This testing was done for a month and calculated the PM levels in the designated area. The vigorous test results impressed the customer, as a result, the customer placed 15+ AstroPure units to install in all their plants in India.

The combination of an extensive product portfolio with high-level technical support capabilities has provided significantly improved results for the pharma client.

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