

Hygienic air handling for Astra Zeneca in Sweden



Fläkt Woods secured a significant contract for Astra Zeneca Pharmaceuticals, providing hygienic EU air handlers at their R&D Centre in Mölndal, Sweden.

■ FACTS

Customer:

Astra Zeneca Pharmaceuticals in Mölndal, Sweden.

Need:

Extremely high demands concerning hygienic heating and cooling.

Solution:

Fläkt Woods EU air handlers with ECOTERM® heat- and cooling recovery system and patented HEPA filters.



Energy efficiency, flexibility and hygiene in focus

Fläkt Woods secured a significant contract for Astra Zeneca Pharmaceuticals, providing Hygienic EU air handlers at their Research & Development Centre in Mölndal, Sweden.

The EU air handlers were equipped with ECOTERM®, Fläkt Woods' heat & cooling recovery system as well as its patented HEPA filters.

Before the order was placed, consultation and design phases (including a feasibility study) took 1.5 years, during which time they tested the new technology to prove the system was capable of delivering the extremely high standards expected at the pharmaceutical plant.

Big research unit

The Mölndal site is one of the biggest research units of Astra Zeneca. Some 2.500 people work there with the research and development of medicines within cardiovascular and gastrointestinal areas. Astra Zeneca is a global key customer of Fläkt Woods and their internal guidelines for AHU's are aligned with the performance of Fläkt Woods air handling equipment.

Total flexibility

Fläkt Woods secured a significant contract for Astra Zeneca Pharmaceuticals, providing hygienic air handlers at their Research & Development Centre in Mölndal, Sweden. The EU air handlers were equipped with ECOTERM®, Fläkt Woods' heat & cooling recovery system as well as its patented HEPA filters. The unit meets relevant CEN standards for AHU performance and are Eurovent cer-



tified, as well as being hygienic and easy to service and clean.

With an airflow range of between 0.2 to 34 m³/s and available in up to 23 different sizes, the range has the flexibility that companies require to easily combine the sizes with the air handling functions they need.

ECOTERM® recovers heat from the exhaust air and radically lowers heating costs for ventilation air. Placement is flexible, one coil is positioned in the exhaust air duct and one in the supply air duct, and these are then connected in a closed liquid circuit. This eliminates transferring of crossover air leakage.



The EU range

The EU range offers all needed functionality and high degree of flexibility. The sturdy frame members and corner pieces form a very stable framework which is well suited to the full range of sizes.

Fläkt Woods Group

Fläkt Woods is a global company providing solutions for ventilation and air treatment for buildings as well as fan solutions for Industry and Infrastructure applications.

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