

# Munters PureHP

## Hygienic air treatment system

### Features

- Installation in high care areas
- Airtight, up to 6000 Pa, and FDA food safety compliant
- Food compliant gaskets and flexibles according to FDA/EC 1935-2004
- Configurable solution in five models
- Retractable heat exchangers for easy cleaning and maintenance
- Full function integration with plug & play opportunities
- CE marked and manufactured according to machine directive 2006/62/EG
- Design and production certification in accordance ISO 9001/2015



The industry standard for hygienic air treatment. Munters PureHP is a solution based product which used the highest technical and hygienic standards. It is used in the Spray Drying as the last step before the air is in direct contact with the product. Product safety and quality and therefore they key design elements. As the PureHP units are close to the product contact more often they are placed in designated high care areas which increases also the hygienic requirements to the outside finish of the PureHP product.

Key features to the PureHP are to produce the correct filtered airflow and pressure with the right controlled temperature. To keep the quality of the air after the PureHP the process fan is placed before the heatexchangers which overpressurize the PureHP up to 4000Pa. The design is 6000Pa for the PureHP. For easy cleaning and inspection the heatexchangers are made retractable. At the last stage of the PureHP we find the last and most important step before the air is in contact with the product and that is the final HEPA filter. The design is made to ensure ALL air going into the product is filtered with the correct filter class.

The PureHP comes in 5 configurable models determined by airflow. It is made in a modular way where choices can be made around how many heat exchangers are installed to ensure the best energy efficient operation. Also the type of filtering and options like a process fan included or excluded on the skid are possible.

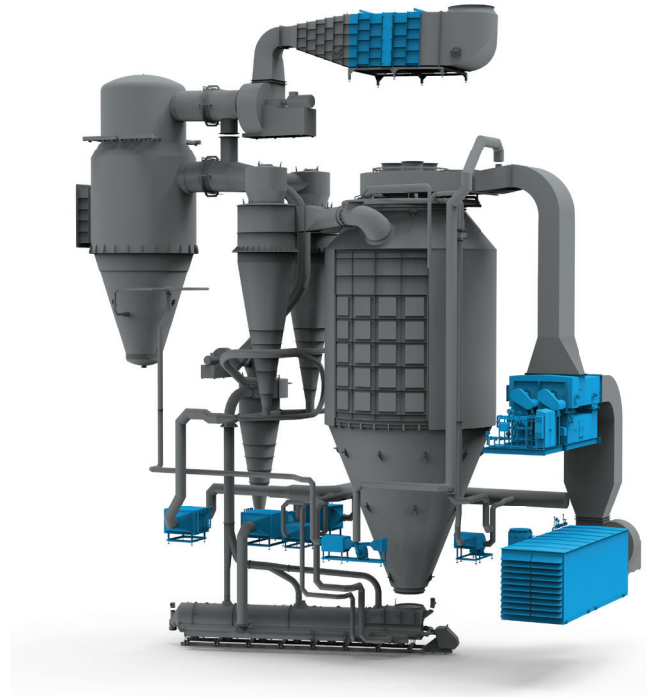
Munters creates the perfect climate for your spray drying process. With more than six decades of experience with air treatment, Munters provides solutions for all your spray drying needs. Our product and R&D departments are constantly working on innovative solutions to improve the spray drying process.

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## Hygienic air treatment system

### Features

- Secondary air and fluid bed air
- Proven technology
- Pre-defined configurable models optimize uptime and efficiency
- Hygiene crucial in final treatment of finished product fluid bed
- Creates the perfect climate and premium product quality
- Design based on 15 years of industry-leading best practices
- Retractable heat exchangers for easy cleaning and maintenance
- Munters solutions are designed sustainable
- Food safety design EHEDG and VDI 6022
- Skid mounted



### Pre- and post treatment

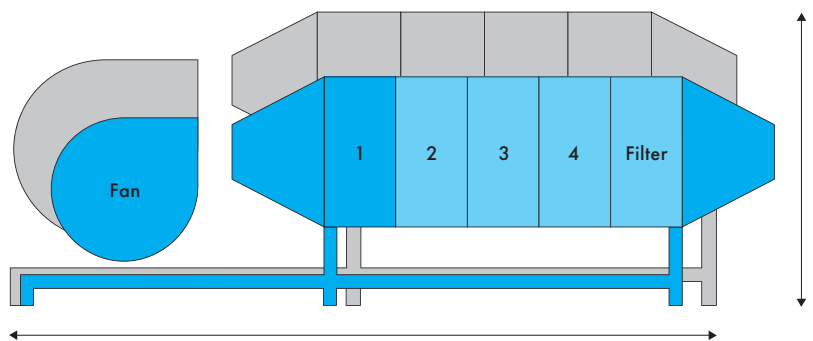
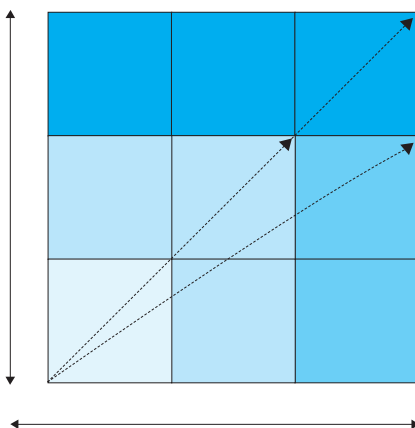
- Up to 4 heat exchangers in series

### Utilities

- Ice water, chilled water, glycol water
- Hot water, steam, electric

Type	Max flow kg/h [lb/h]	Filter (WxH)
PureHP 1000	4,500 [9,921]	1
PureHP 2000	9,000 [19,842]	2×1
PureHP 4000	18,000 [39,683]	2×2
PureHP 6000	27,000 [59,525]	3×2
PureHP 9000	40,500 [89,287]	3×3

### Filter configuration



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