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tbh 801

Exhaust-and Filtration System TBH-CR-SERIES

## **Absorption technology for clean-room and clean room areas**

STRAUBENHARDT – Continuously rising quality requirements, increasing component and product miniaturization as well as the increasing intricacy of manufacturing processes and methods have promoted the research and development in the field of clean-room technology. TBH has been met these challenges and so, with the aid of end-users, the new practice-oriented TBH-CR series has been created. The modular design is in compliances with the actual standard of DIN EN ISO 14644-1 for clean room and clean room areas and offers, depending on the different configuration options, the possibility of different qualification measurements. (seal-seat-test of the filter cassette, particle measurement). The compliance with the actual standards and ISO classes has been confirmed by the CCI (Contamination Control Instruments) in Stuttgart.

Consequently, the new exhaust- and filtration systems of the CR-Series is, dependant on the configuration, specified for the following ISO classes 3, 5, 7 and 9. The modular design allows a very easy and contamination-free filter replacement. The CR-Series is available with the following different air capacities of 280, 330, and 440 m<sup>3</sup>/h. The filter configuration is free selectable. For particular matter use the filter cassette –Z, consisting of a Z-line pre-filter (F5) with a downstream HEPA-filter (H14). For vapour and odour is the filter cassette A with activated carbon and downstream HEPA-filter (H14) available.

Underline: TBH Exhaust- and Filtration System CR-LN230 und CR-GL-265

Since 1992, the firm TBH has concerned itself in the development of healthy working environment, without noxious gases, contaminants and dust. Our extraction and filter systems are applied for the protection of human beings, the environment and machines in a great variety of production procedures. These products meet the highest quality standards and have been awarded the required test certificates in the fields of both industry and medicine. Whether standard or individual demands, we have the solution to any extraction or filter requirements – worldwide.