AIRTECH P24

Description

How does the AIRTECH system work?
The polluted air enters the systems via the lateral suction ducts with intake points located in 4 m height and is guided into the filter section. The polluted particles deposit on the surface of the filter cartridges. The filter cartridges are dedusted automatically within the required intervals with the help of compressed air. The particles that stick to the cartridges are released by means of the compressed air blast and are collected in the dust container. The cleaned air returns to the working space via long range ejector nozzle that can be individually adjusted. Due to this, the polluted air is also guided in direction of the intake ducts.
The system is equipped with a particle sensor on the pure air side as safety device. This enables a permanent safety monitoring of the system, e.g. against burst of the filters. In case of a fault notice, the fan is switched off automatically. In the same time, the control unit of the system sends a visual and an acoustic signal to warn the user.
Does the AIRTECH system possess a certification?
The AIRTECH series is certified according to DIN EN ISO 15012-1 and examined by the IFA (Institute for Occupational Safety and and Health of the German Social Accident Insurance formerly BGIA) regarding hazardous materials who approved it for the welding fumes class W3 as fixed system for the extraction of welding fumes.

Technical Data

Max. volumetric flow of the fan [m³/h]:	24.000
Max. pressure [Pa]:	1.400
Main-filter:	Filter cartridge 36 m² (9 pcs.)
Engine performance [kW]:	15
Voltage [V]:	400
Power Frequency [Hz]:	50
Current consumption [A]:	30
Sound level [dB(A)]:	72
Weight [kg]:	2.250
Height [mm]:	6.766
Depth [mm]:	1.880
Width [mm]:	2.682
Filter control:	PULSE-CONTROL steering
Separation efficiency [%]:	≥ 99

Prod.No. 940141624 AIRTECH P24 Price on Application*

We set air in motion