

# Chain Filter AKF-WDAK

Patent applied explosion doors are ATEX certified.



The chain filter system has been explosion tested in full scale according to ATEX directive 94/9 fulfilling the demands in EN 14797 – EN 14460 and with patent applied explosion relief panels for optimum safety and explosion relief marked Ex Dst1 made by NB 1026 FTZU 08 and ATEX 0002.

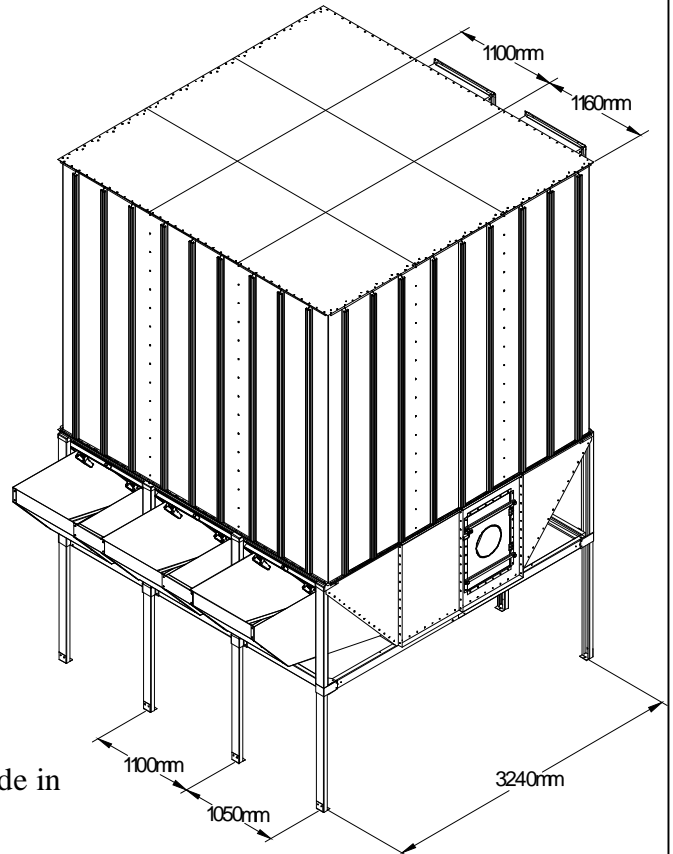
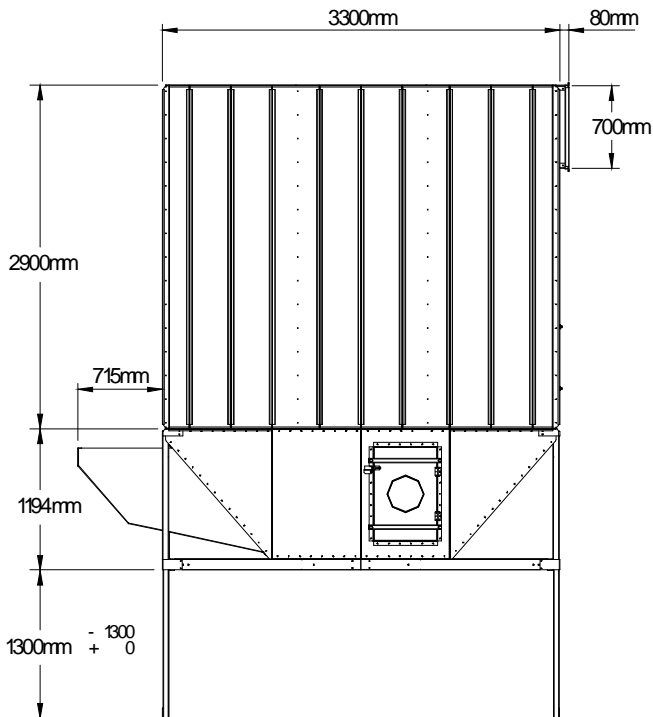
The Aagaard chain filter is designed to meet the needs of large high volume extraction plants. It is also capable of handling high volumes of waste material, that might for example be found in the joinery industry using high throughput moulders and saw etc. Provided with gravity separation top inlet chambers and large hopper section beneath the filters ensure good collection of coarse and abrasive material with minimum wear and blinding of the filters above. Periodic or continuous cyclic cleaning is provided by reverse flow regeneration fans to maintain the highest efficiency under all working conditions.

This type of filter can be supplied to handle up to 300.000 m<sup>3</sup>/hr – approximately 150.000CFM.



# Technical Data

## AKF-WDAK



Patent applied explosion doors with special quick reclosure and upward flame discharge on the dust side in the filter.

Tension gear:	1.1 kW
Cleaning fan:	1.5 kW pr. Filter module
Control of hatch:	2 Microswitches – 1 x 220V
Speed control:	1 x 220V
Filter bag material:	Polyester PE 340 (DIN 53854) BiA-tested or Polypropylene 180 g/m <sup>2</sup> (DIN 53854) BiA-tested
Dust emission:	App. 0.2 g/Nm <sup>3</sup> /h (BiA USG)
Coupling of return air:	700x700 mm EP
Area m <sup>2</sup> :	87
Filter bag:	ø205
Filter bag length	2830 mm/1930 mm
Weight kg/module	App. 600 kg

