



Arrangement example of the SMOKE ABSORBER in a special space within a building.

Application

SMOKE ABSORBER is a modern solution of a tobacco smoke absorber, designed for installing in a specially arranged room for smokers, where there is sufficient space for twenty people enjoying smoking without harm to environment. The efficiency of the SMOKE ABSORBER and its design along with the stylish and modern décor, make an ideal equipment of companies, universities, hotels, gastronomy and entertainment facilities and similar spaces. The appliance does not need to be integrated within the ventilation system of the building.

Structure

SMOKE ABSORBER consists of two segments:

1. filtration chamber, covered by a vertical perforated suction wall, extracting the tobacco smoke,
2. fan chamber, topped with a wooden surface with three ashtrays self-extinguishing the cigarettebutts.

The filtration chamber includes high-efficiency dust-stop filters HEPA class H13, capturing the tar particles at 99,95% efficiency and cassettes with granulated active carbon absorbing the gas contamination (nicotine, carbon monoxide and others).

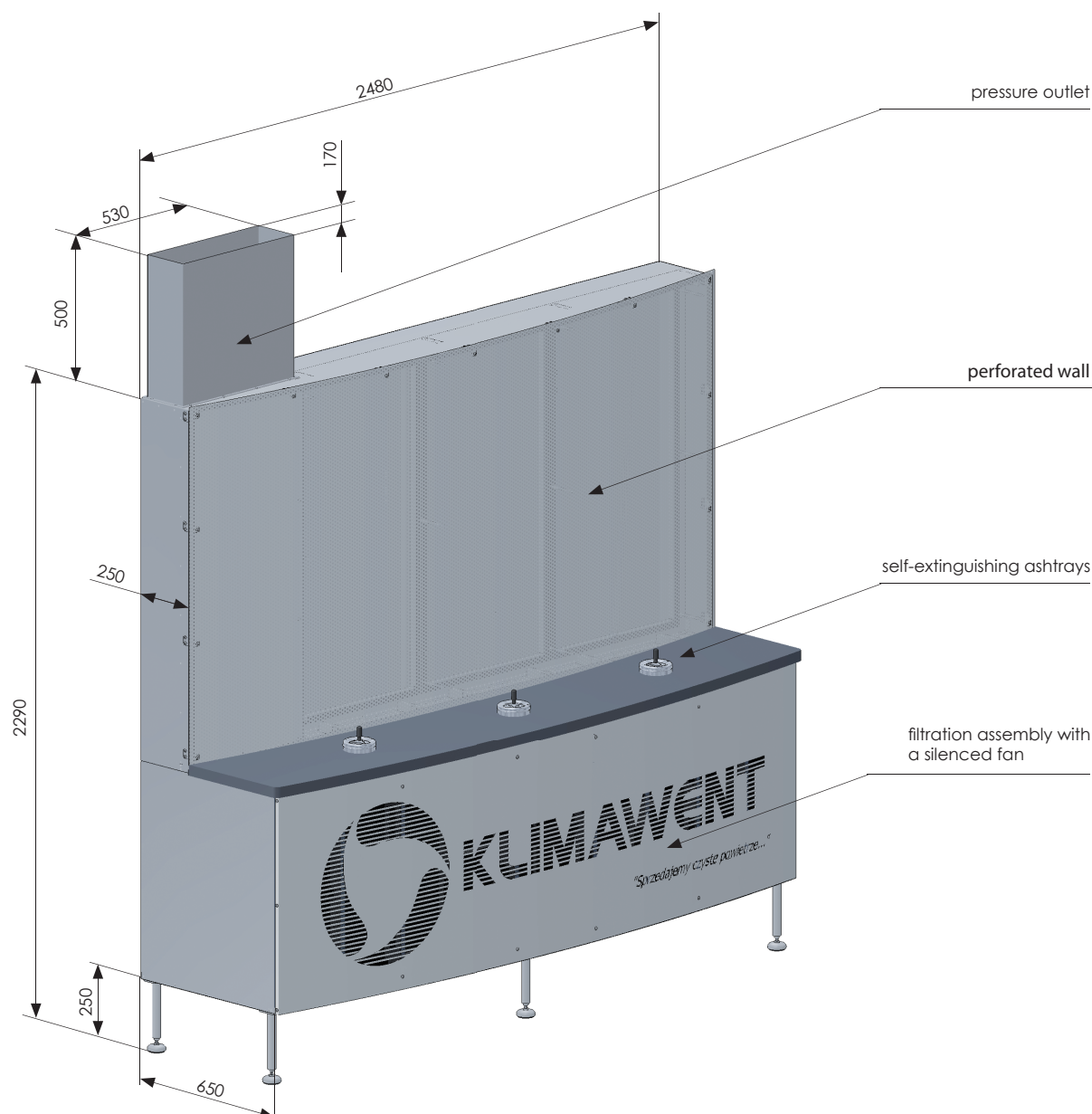
Operational use

In the course of operational use of the SMOKE ABSORBER, it is important to replace periodically the filters.

Replacement time (in average conditions) is approx. 1 year.

Technical Data

Type	Part No.	Volume flow [m ³ /h]	Supply voltage	Fan motor rate [W]	Acoustic pressure in distance of 1 metre [dB(A)]	Weight of the active carbon [kg]	Weight of the active carbon [kg]
SMOKE ABSORBER SA-1	800079	2100	230 V/50Hz	550	52	35	430



Replaceable parts

High-efficiency filter

	Type	Part No.	Filtration efficiency	Remarks
	FA-SMOKE ABSORBER	838F85	99,95%	Class of the filter – H13. Quantity of filters - 3 pc.

Granulated active carbon

	Type	Part No.	Weight [kg]	Remarks
	ORGANOSORB 10CO 4x8	874W04	35	For replacement we deliver the carbon in bulk in 25 kg bags.