

SMOKE ABSORBER – tobacco smoke absorber



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

Purpose

SMOKE ABSORBER is an innovative solution of a tobacco smoke absorber, designed for installing in a specially arranged room for smokers, providing sufficient space for 20 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 service spaces for travellers. The system does not need to be integrated within the ventilation system of the building.

Structure

SMOKE ABSORBER consists of two segments:

- filtration chamber, covered by a vertical perforated suction wall, extracting the tobacco smoke,
- 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

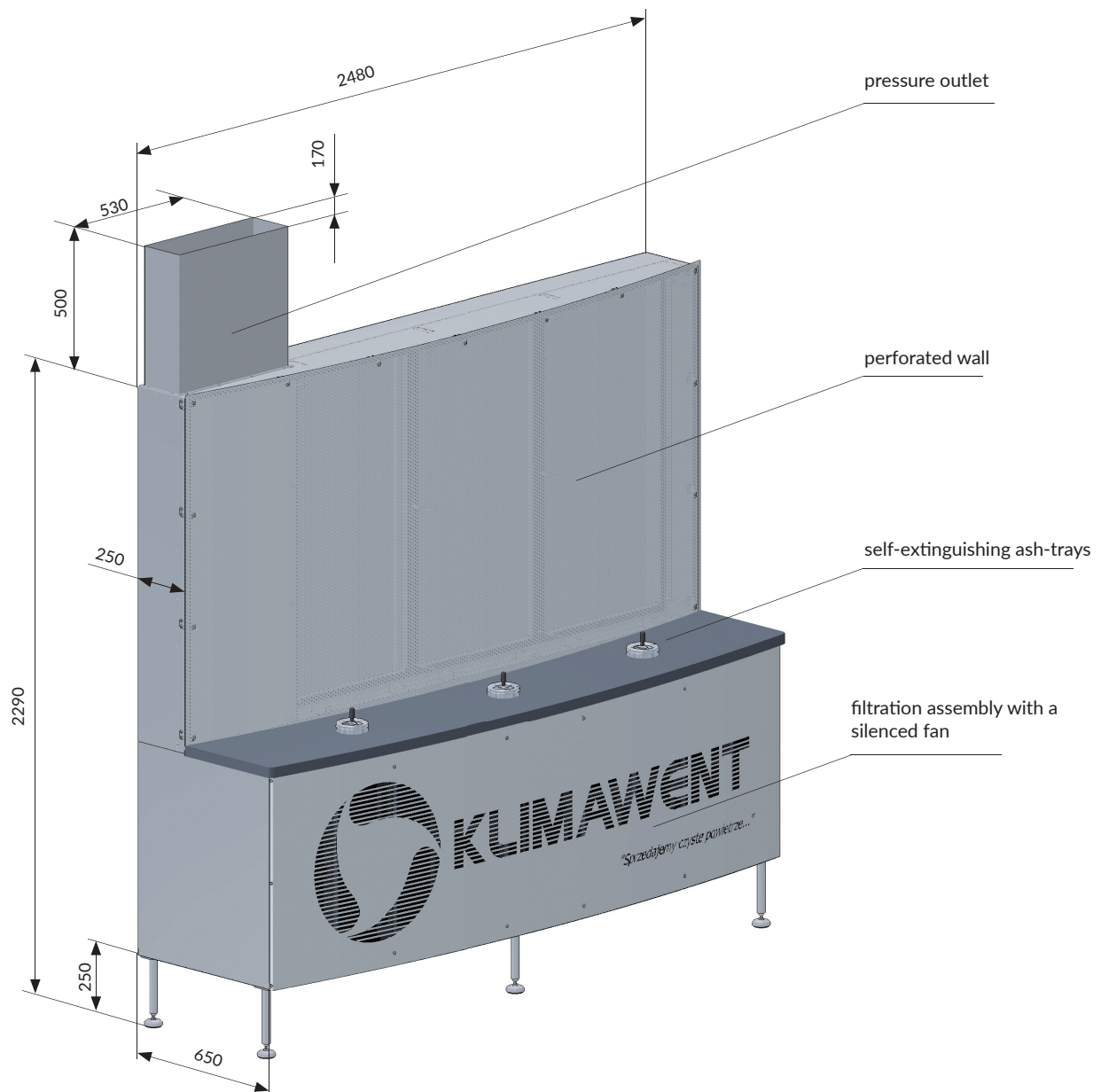
In the course of operational use of the SMOKE ABSORBER, it is important to replace periodically the filter cartridges. Replacement time (in average conditions) is approximately 1 year.

Technical data

Type	Part no.	Volume flow [m³/h]	Supply voltage	Fan motor rate [W]	Acoustic pressure level [dB(A)] from a distance of 1 m	Weight of the active carbon [kg]	Weight of the device [kg]
SMOKE ABSORBER SA-1	800079	2100	230 V/50 Hz	550	52	35	430

1. On demand of Customer we offer annual service consisting in technical survey and replacement of the filters.
2. SMOKE ABSORBER meets the requirement of the regulation of health protection against the effects of smoking of cigarettes and tobacco products of 8th of April, 2010.

SMOKE ABSORBER



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 in one appliance.

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.