

## PW-1 – bag pre-filter



### Application

PW-1 bag pre-filter is applied in many industrial fields, for coarse air filtration of viscous fibrous dusts. Additionally, the filtration bags serve as collective bags for the accumulated dust.

### Structure

The appliance consists of subsequent elements:

- filtration chamber – containing 4 bag filters – class G4,
- doors to the filtration chamber – 4 pieces – for easy replacement of the filtration bags,
- connections – one inlet, one outlet.

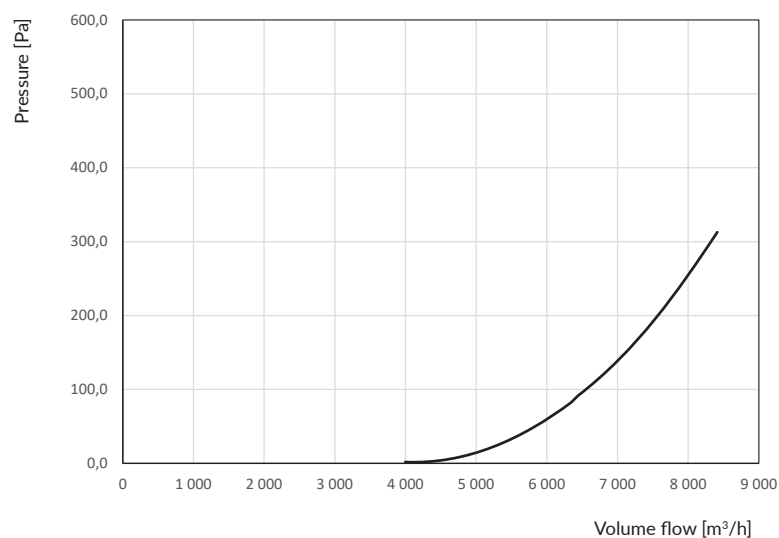
### Operational Use

The polluted air is drawn in, through the connection in the upper part. Inlet and outlet are of standard diameters Ø500 mm. By means of suitable reducers, it is easy to adapt the device to the most convenient connection variant. PW-1 bag pre-filter captures fine dusts that accumulate on the internal surface of the filtration bags. Filtration bags, along with the accumulated dust inside, should be periodically replaced for new ones, at the moment when the device flow efficiency decreases.

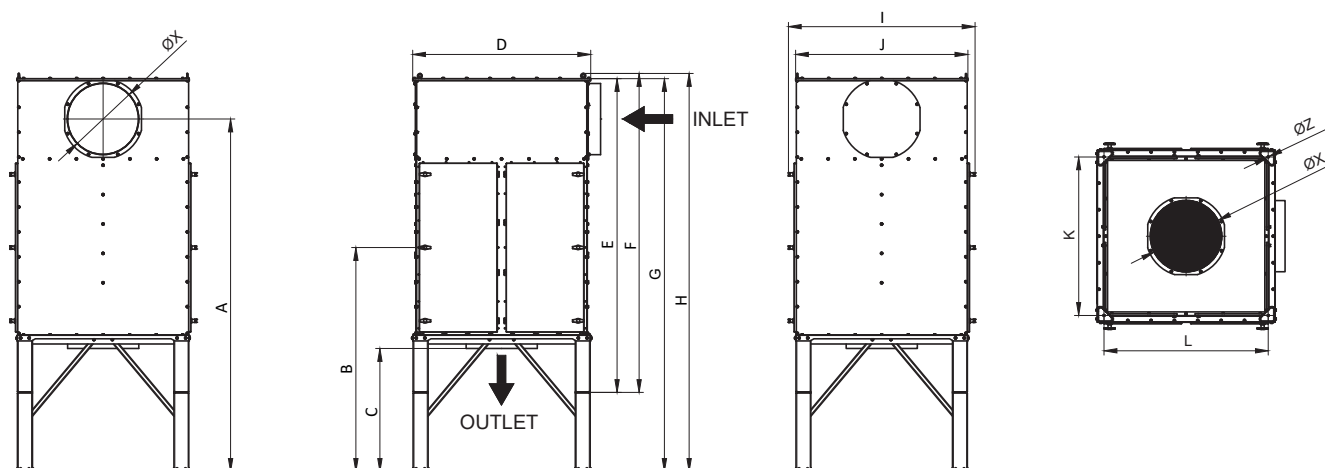
### Technical Data

Type	Part No	Recommended volume flow [m³/h]	Weight [kg]	Diameters of the connections [mm]	
				inlet	outlet
PW-1	815F06	2000–8100	320	500	500

## Flow Charts



## Dimensions



Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]	K [mm]	L [mm]	ØZ [mm]	ØX [mm]
PW-1	2475	1570	865	1250	2205	2240	2760	2795	1310	1210	1115	1155	15	500

## Reducers

Type	Part No.	Remarks
R-500/315-PW	829R58	to reduce the inlet and outlet of the bag pre-filter in application with the SOPEL-4000 system, 2 reducers for 1 set
R-500/250-PW	829R59	to reduce the inlet and outlet of the bag pre-filter in application with the SOPEL-2000 system, 2 reducers for 1 set

## Replaceable filters

Type	Part No.	Quantity of filters	Class	Filtration material	Application
PW-1	843W16	4	G4	polyester	Bag pre-filter PW-1