

RAK

ONE-POST AND TWO-POST FILTERING UNIT
FOR VISCOUS DUSTS

APPLICATION

- air cleaning from welding fumes
- application for short term use

FEATURES

- two sorts of dust filters
- activated carbon impregnated non-woven filter
- hour-meter – indicating the work time
- pressure control – monitoring the pollution degree state of the filters
- spark catcher

ADVANTAGES

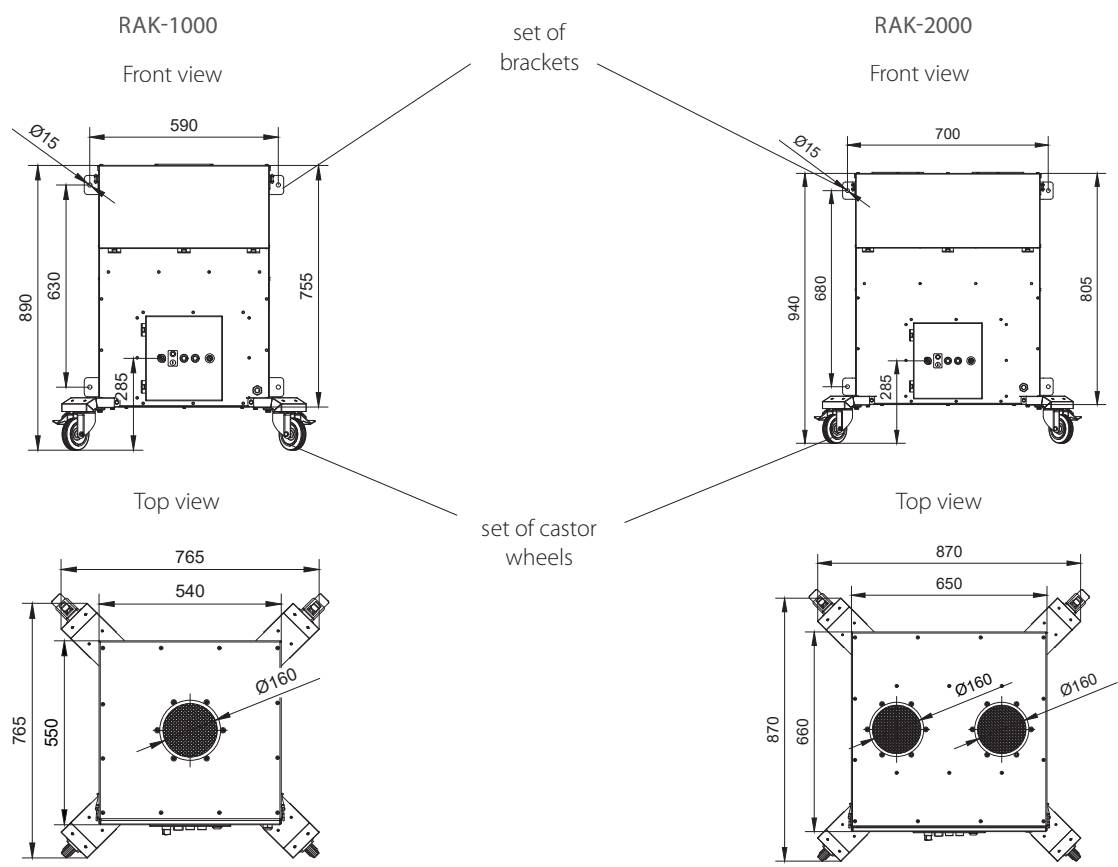
- filtration of dry dusts and viscous dusts as well
- choice: mobile version or wall-installed version
- range: dust- and gas filtration
- choice: one-post or two-post version
- total air recirculation



TECHNICAL DATA

| Type | Version | Part No. | Maximum volume flow [m³/h] ¹ | Supply voltage [V] | Motor rate [kW] | Acoustic pressure level [dB(A)] from distance ² : | | Weight [kg] | Quantity of connections for ERGO LUX arms ³ |
|------------|--------------------|----------|---|--------------------|-----------------|--|-----|-------------|--|
| | | | | | | 1 m | 5 m | | |
| RAK-1000-R | with recirculation | 800O42 | 1800 | 230 | 1,1 | 74 | 60 | 65 | 1 |
| RAK-2000-R | with recirculation | 800O44 | 2650 | 230 | 1,5 | 77 | 63 | 85 | 2 |


1. Volume flow was measured at the clean filters.
2. Values of acoustic pressure were given for the conditions of free field.
3. Complete assortment of the extraction arms is represented in separate catalogue cards.




NOTE: Broken line illustrates the elements of additional equipment.

REPLACEABLE FILTERS


FILTRATION PAD

| | | | | | | | |
|---|----------|----------|-------------|-----------------|-------|---------------------------|--|
|  | Type | Part No. | Weight [kg] | Dimensions [mm] | Class | Filtration efficiency [%] | Remarks |
| | FWR-1000 | 838W78 | 0,18 | 490x490 | G3 | 88 | In each device is placed one filtration pad. |
| | FWR-2000 | 838W79 | 0,20 | 600x600 | | | |



COMPACT FILTER

| | | | | | | | |
|---|----------|----------|-------------|-----------------|-------|---------------------------|---------------------|
|  | Type | Part No. | Weight [kg] | Dimensions [mm] | Class | Filtration efficiency [%] | Remarks |
| | FKR-1000 | 838F47 | 2,5 | 490x490 | E 11 | 95,6 | 1 piece in RAK-1000 |
| | FKR-2000 | 838F48 | 4 | 600x600 | | | 1 piece in RAK-2000 |

ACTIVATED CARBON IMPREGNATED NON-WOVEN FILTER

| | | | | | | | |
|---|----------|----------|-------------|-----------------|--|--|--|
|  | Type | Part No. | Weight [kg] | Dimensions [mm] | Remarks | | |
| | FCR-1000 | 838W96 | 0,30 | 450x450 | In each device is placed one non-woven sheet. Non-woven dimension in FCR-2000 is shown in the developed view. | | |
| | FCR-2000 | 838W97 | 0,32 | 570x700 | | | |

ADDITIONAL EQUIPMENT

| | | |
|---|----------|--|
| Type | Part No. | Remarks |
|  set of castor wheels | 828K00 | The set consists of 4 wheels, along with supports (RAK-1000 and RAK-2000). |
|  set of brackets | 828W00 | The set consists of 4 wall brackets (RAK-1000 and RAK-2000). |