

ESP-10

Flue Gas Particle Filter / Wood Stove Filter

exodraft wood stove filter ESP-10 is an electrostatic flue gas particle filter designed to remove most of the hazardous ultrafine particles contained in the flue gasses from your wood stove or fireplace.

The electrostatic precipitator (ESP) comes with an automatic cleaning function which helps to maintain a high filtering efficiency while keeping maintenance requirements at a minimum.

Model ESP-10

| | |
|-------------------------------------|-------------------------------|
| Application | Closed, wood-fired appliances |
| Fireplace performance range | 2-10 kW |
| Min. ambient temperature | -20 °C |
| Max. flue gas temperature | 400 °C |
| Max. ambient temperature | 45 °C |
| IP | 24D |
| Supply voltage | 230 V AC / 50 Hz |
| Max. current | 0.5 Amp |
| Power consumption in use | 50-90 W |
| Power consumption in standby | 2 W |
| High voltage | 30 kV / 1.7 mA |
| Testing done at | DIBt: Z-7.4-3536 |
| Housing material | RF 1.4401-316 |
| Min. distance to flammable material | 500 mm |
| Mounting | Outside, on chimney top |

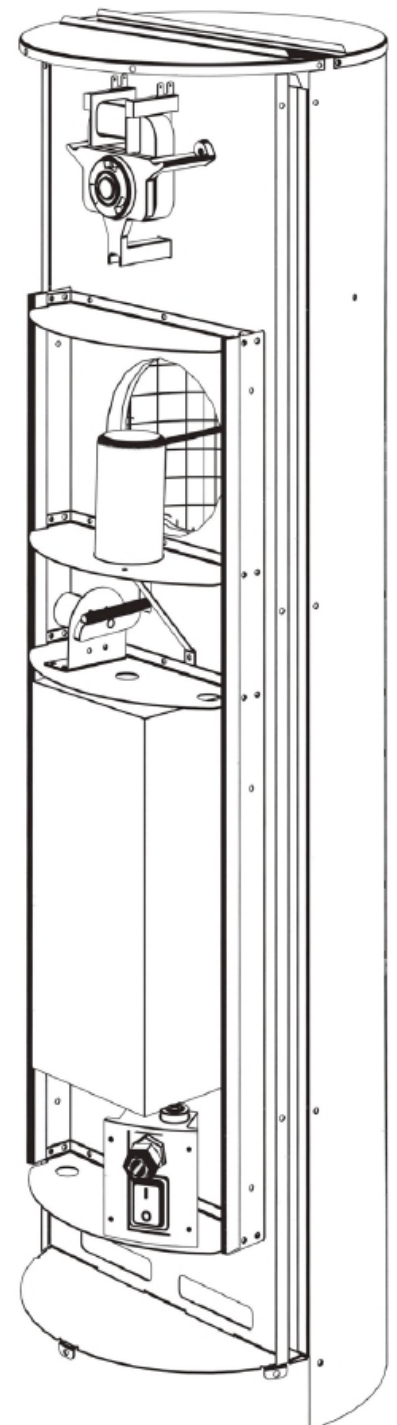
Dimensions & weight

| | |
|------------------------------|----------------|
| Chimney size - round | ø150 - ø200 mm |
| Chimney size - square (max.) | 250 x 250 mm |
| Height | H: 956 mm |
| Outer diameter | ø268 mm |
| Weight (without adapter) | 14 kg |

Filtering effect:

95% reduction in number of particles

70-75% reduction in total particle mass



Unit of measure: mm

Hekon art. : EXH-ESP10Z