

RING-JET PARTICLE SEPARATOR



TECHNICAL DATA

Material	PP
max. operating Temp.	80°C
Weight per unit	4,7 kg
Dimensions (Ø x H)	360 x 600 mm
Required installation opening	Ø 250 mm

CHARACTERISTICS

The Ring-Jet is based on the venturi mechanism for particle separation and is characterized by the following advantages:

- * Efficient separation of dust and aerosols from flue gases and exhaust air
- * High separation efficiency for particles over a wide range till $\leq 0.1 \mu\text{m}$ at low energy consumption
- * Injection-molded polypropylene, acid and alkali-resistant and insensitive to contamination
- * Easy installation and depending on the flow direction different types of installation are possible
- * Pressure drop is kept constant even with fluctuating gas flows by regulating the washing liquid flow

APPLICATION

- * Municipal & industrial waste incinerators: Salt-, heavy metal aerosols, fine dust, high-molecular organics
- * Chemical production: Toxic dust particle eg. HCl-/ SO_3^- , NH_4Cl -aerosols, pigment dust etc.
- * Alu-/ tar-industry: Tar, HF, coal dust

OPERATING CONDITIONS

- * Gas volume per unit: 1'500 bis 3'500 m^3/h
- * Pressure drop: 20 bis 120 mbar
- * Washing liquid: 1 bis 5 l/m^3
- * Dust concentration: 10 mg/m^3 bis 10 g/m^3
- * Particle diameter: 0,1 μm bis 1 mm

ACCESSOIRES

Blind units, hose connection parts, special flexible hose and installation tools

PACKAGING UNIT

In cardboard box

SALES AND FURTHER INFORMATION

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