

DROPLET SEPARATOR TYPE TF80



TECHNICAL DATA

Material	PP
Max. operating Temp.	80°C
Packet dimension (B x H)	223 x 252 mm
max. packet length	1'500 mm
Max. flow velocity	4.5 m/sec
Pressure drop at max.	approx. 1.5 mbar
Lower droplet-Ø	12 µm

CHARACTERISTICS

The droplet separator TF80 is based on the principle of inertia and is characterized by the following advantages:

- * Made from injection molded polypropylene, the lamellar plates can be assembled together into larger units
- * Excellent separation efficiency even when operating at partial load
- * Insensitive to fouling

INSTALLATION

Installation of the droplet separator inside the scrubber can be carried out for vertical and horizontal gas flows by varying the installation angle. Therefore, expensive extensions for in- and outflow of the air from the scrubber are not necessary. Installation and removal of the droplet separator is achieved through an access opening of at least 400 mm in diameter.

APPLICATION

For droplet separation in wet scrubber systems at high liquid flow, such as:

- * In wet scrubbers of offgas- and flue gas treatment plants
- * After particle separators in flue gas scrubbers from municipal and industrial incinerators
- * In waste gas scrubbers for odour abatement on sewage treatment plants
- * In offgas treatment plants of the chemical and pharmaceutical industry

CLEANING „ON PROCESS“

By directly spraying fresh process water on the droplet separator's surface, dirt can be removed during operation and without dismantling the scrubber.

SALES AND FURTHER INFORMATION

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