

EFC ATEPHOS MIST ELIMINATORS FOR SULPHURIC ACID INDUSTRY



MODELS

ATI SERIES

APPLICATION EXAMPLES

- Drying Tower
- Interpass Absorbing Tower
- Final Absorbing Tower
- Heat Recovery Systems
- Liquid SO₂
- Wet Sulphuric Acid plants
- Scrubbers

TECHNICAL DATA

- **Impaction type candle:** larger droplets collide on a fibre and are retrained from the gas stream. Horizontal position of the candles facilitates liquid drainage, liquid can be drained outside the tower.
- High velocity
- High gas throughput

MATERIAL OF CONSTRUCTION

ATI1000

Cage Material: 316L

Flange OD: 762 mm

Effective filter height: 1016 mm

Configuration: Standing Type Candle

Flange: raised flange for easy candle installation

Filter media: chemical resistance glass fibre and metal mesh reentrainment layers (SS310_0,28mm wire diameter)

ATI1650

Cage Material: 316L

Flange OD: 861 mm

Effective filter height: 1651 mm

Configuration: Standing Type Candle

Flange: raised flange for easy candle installation

Filter media: chemical resistance glass fibre and metal mesh reentrainment layers (Allo20cb3_0,28mm wire diameter)

WORKING RANGE / EFFICIENCIES

	ATI1000	ATI1650
• Max gas flow/ candles:	16500 Am ³ /h	23000 Am ³ /h
• Flow range:	75-110 % design flow	75-110 %
• Max inlet loading mg/Am ³ :	1000 mg/Am ³	1000 mg/Am ³
• Pressure drop :	200-380 mmWC	200-380 mmWC
• Efficiency > 3 micron:	100%	100%
• Efficiency 1-3 micron:	95-99%	95-99%
• Efficiency 0,5 -1 micron:	80-95%	80-95%

FOR FURTHER INFORMATION

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