

## Filterzelle WU-50

### Description

- panel filter with pleated media made of progressive thermally bonded synthetic nonwoven (polyester)
- KALTHOFF pleating system using hot-melt traces for low resistance performance
- synthetic FIBERPLAST-frame
- combustible, metal free
- special designs with different frame geometries as per data sheet 2.1.02



### Types

Article	Size (WxHxD)	Filter area	Range of nominal airflow (100-125%)
WU50 592 592	592x592x47 mm	1,21 m <sup>2</sup>	3200-4000 m <sup>3</sup> /h
WU50 592 287	592x287x47 mm	0,59 m <sup>2</sup>	1550-1950 m <sup>3</sup> /h
WU50 287 287	287x287x47 mm	0,29 m <sup>2</sup>	750-950 m <sup>3</sup> /h
WU50 592 490	592x490x47 mm	1,00 m <sup>2</sup>	2650-3300 m <sup>3</sup> /h
WU50 495 495	495x495x47 mm	0,85 m <sup>2</sup>	2250-2800 m <sup>3</sup> /h
WU50 495 394	495x394x47 mm	0,68 m <sup>2</sup>	1800-2250 m <sup>3</sup> /h
WU50 622 495	622x495x47 mm	1,06 m <sup>2</sup>	2800-3500 m <sup>3</sup> /h
WU50 622 394	622x394x47 mm	0,85 m <sup>2</sup>	2200-2800 m <sup>3</sup> /h

### Technical Data

Filter class:	DIN EN 779	G4	M5
Filter group:	DIN ISO 16890	ISO Coarse 90%	ISO ePM10 50%
Efficiency:	ISO Coarse/ePM10	92%/-	-/53%
Pressure drop at 100% nominal airflow:			
initial:	Pa	50	75
final (recommended):	Pa	200	300
Number of layers:	-	1	1
Max. operation temperature:	°C	80	80
Max. operation moisture (rel. humidity):	%	100	100
Classification of inflammability:	DIN EN 13501	E	E

Technical data are being complied to the best of our knowledge. Responsibility cannot be accepted. We reserve the right of technical modifications. Version 9/19

### Pressure Drop

