

**ULTRANGLAS/ULTRANGLAS-H filter cells** consist of tightly intermeshed glass fibres. ULTRANGLAS is framed on two sides in a moisture-resistant carton frame with large perforation in the metal support plates. ULTRANGLAS / -H is framed on all sides in expanded aluminium mesh and is designed for operating temperatures up to 300°C.

*Application example:*

filtration of coarse dust in climate control and air handling units

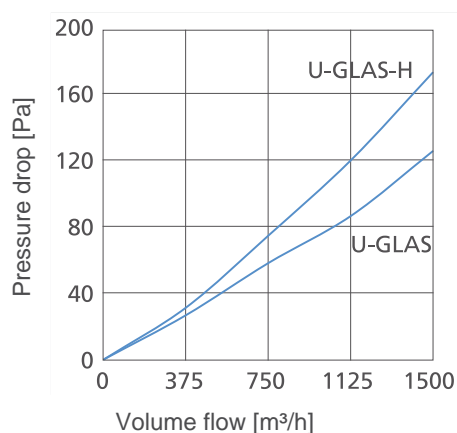
*Special feature:*

ULTRANGLAS-H meets F1/K1 fire protection class; maximum continuous operating temperature of 300 °C

*Areas of application:*

standard climate control facilities and air handling units, industrial drying facilities, pre-filters for paint finishing lines and paint spray compartments

*Pressure drop diagram:*

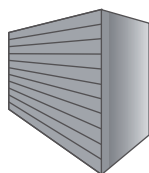


*Technical data:*

ULTRANGLAS		U-GLAS	U-GLAS-H
Filter class	[EN 779]	G4	G4
Installation depth/thickness	[mm]	48	14
Rated air volume flow	[m³/h]	1.500	1.500
Initial pressure drop	[Pa]	130	170
Maximum allowed pressure drop	[Pa]	500	500
Mean degree of filtration	[%]	93.0	93.0
Fire behaviour	[DIN 53438]	–	F1/K1
Max. operating temperature	[°C]	80	300
Max. rel. air humidity	[%]	100	100

\* depending on wetting agent

*Form of delivery/  
order numbers:*



ULTRANGLAS	Size W/H [mm]	Packaging unit	Weight/unit [kg]	Order number
<b>Filter plate</b>				
U-GLAS	490/490	10	0.7	<b>40 04 221</b>
U-GLAS-H	480/480	30	0.3	<b>60 35 921</b>