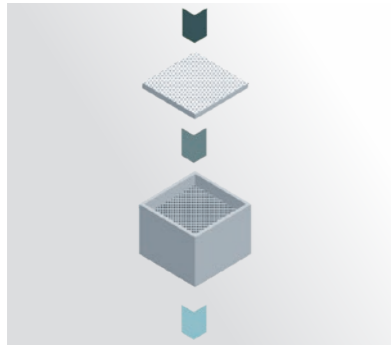




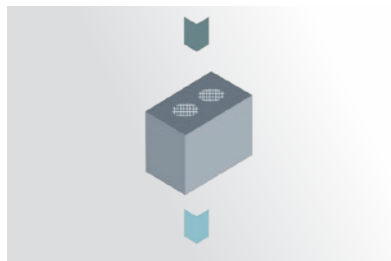
# Spare Filters

# Filter Matrix

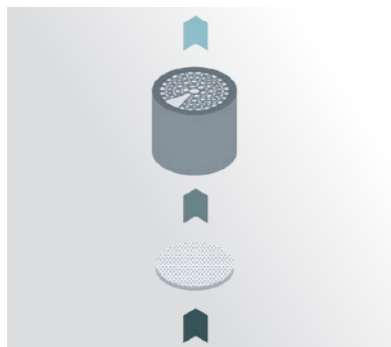
Zero Smog 2, MG 130, MG 140 ,  
Zero Smog 4V, Zero Smog 6V,  
Zero Smog 20T,  
Zero Smog TL, Zero Smog EL



MG 100S



FT 12, WFE P



Filter		Medium dust filter M5		Fine dust filter F7						Compact filter H13				Adhesive fumes filter		Pocket filter			
		T005 87 358 37 10 pcs.	T005 87 359 37 10 pcs.	T005 87 627 03 10 pcs.	130-2010 5 pcs.	145-4000 2 pcs.	T005 36 421 99 3 pcs.	T005 87 358 36 10 pcs.	T005 87 359 38 10 pcs.	T005 87 358 60 1 pcs.	210-0313 10 pcs.	T005 87 628 57 10 pcs.	T005 87 628 58 10 pcs.	T005 87 627 01 10 pcs.	130-2000-ESD 100-2000-ESD	T005 36 410 99 38	T005 87 358 36 145-2000-ESD	T005 87 358 35 95	T005 87 358 24
<b>Zero Smog TL</b>	FT91013699										✓	✓							
<b>Zero Smog EL</b>				✓									✓						
<b>MG 130</b>	100-240 V: 130-1000-ESD				✓								✓						
<b>MG 100S</b>	230 V: 100-1000-ESD													✓					
<b>MG 140</b>	230 V: 145-1000-ESD					✓									✓				
<b>Zero Smog 4V</b>	230 V: T005 36 606 99																		
<b>Zero Smog 4V gas filter</b>	230 V: T005 36 616 99		✓																
<b>Zero Smog 6V</b>	230 V: T005 36 666 99	✓	✓																
<b>Zero Smog 6V</b>	230 V: T005 36 676 99	✓																	
<b>WFE</b>																			
<b>WFEP</b>	230 V: T005 36 386 99																		
<b>FT 12</b>																			
<b>Zero Smog 20T</b>	230 V: T005 36 706 99	✓																	
<b>Pocket filter ZS6V/4V</b>	T005 87 358 62																		

Special filter		MEK		Solvents		Cleanroom class 5		Adhesive fumes				
		145-2003-ESD	100-2003-ESD	100-2012-ESD	145-2012-ESD	100-2002-ESD	145-2002-ESD	FT91000019	T005 87 358 95	T005 36 407 99	T005 87 358 35	
<b>MG 100S</b>	230 V: 100-1000-ESD											
<b>MG 140</b>	230 V: 145-1000-ESD	✓	✓	✓	✓	✓	✓					
<b>Zero Smog 4V</b>	230 V: T005 36 606 99											
<b>Zero Smog 6V</b>	230 V: T005 36 666 99											
<b>WFE</b>												
<b>WFEP</b>	230 V: T005 36 386 99											
<b>FT 12</b>												



Before using special filters please check in the MSD data sheet if they are suitable for your application, or simply contact your local Weller representative for further support.

Volume extraction  
Tip extraction  
Laser extraction  
Accessories volume extraction  
Spare filter



### Weller Zero-Smog® systems

Specifically designed for continuous operation in industrial environments. Care and attention at the design stage plus careful component choice and a high quality manufacturing process have given Weller extraction systems a world wide reputation for reliability and longevity.

### Weller Zero-Smog® fume extraction

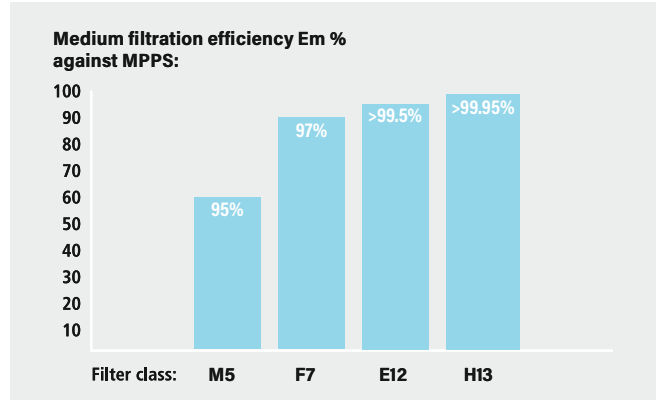
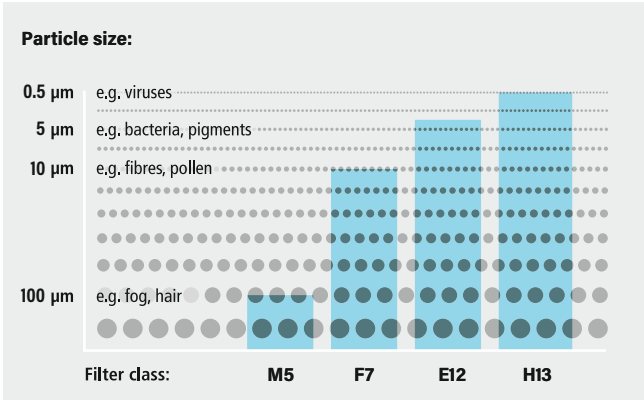
Weller Zero-Smog® systems have a three stage filter system (excl. MG 100S) for removing small particles, fumes and gases that are produced in different working processes:

The hazardous substances are efficiently captured by the nozzle and are absorbed into the filter.

Bigger particles get caught in the pre-filter and smaller particles get caught in the HEPA (High Efficiency Particulate Air) filter.

The wide band gas filter removes fumes and adhesives.

End product – clean air – is re-circulated into the workplace.



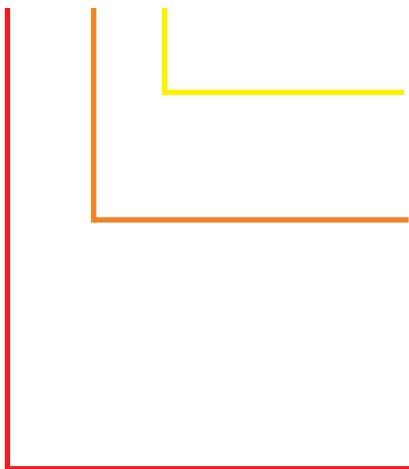
Filter Class M5, F7: Fine dust filter as per EN 779:2012

Filter Class E12/H13: According EN 1822:2009 HEPA ( High Efficiency Particulate Air) Filter

### Filter classification according EN norm EN 1822:2009

Filter Class	Recommended Application
M5	For standard applications
F7	For applications with high flux or dust content
E12 / H13	For applications with high flux or dust content
Gas	For applications with fumes from adhesives and solvents

Group	Filter class	Integral value	
		Degree of separation	Transmittance degree
EPA	E10	85 %	15 %
	E11	95 %	5 %
	E12	99,5 %	0,5 %
HEPA	H13	99,95 %	0,05 %
	H14	99,995 %	0,005 %



#### 1. Medium / fine dust filter

For standard applications with a small amount of flux and pollution gases with high solid content, Weller offers filter classes M5 or F7

#### 2. Compact filter consisting of:

Particle filter H13 with deposition performance according EN 1822:2009

> 99.955% in MPPS (particles 0.16 µm)

> 99.994% particles 0.3 µm

Wide band gas filter. For cleaning harmful fumes and vapours. The Weller wide band gas filter consists of 50% active carbon and 50% Chemisorb (potassium permanganate).

Harmful gases with a high molecular weight are cleaned by the active carbon. Chemisorb is suitable for absorbing gases of lower molecular weight. Because of its composition, Chemisorb is able to convert a large number of chemical pollutants (e.g. formaldehyde) into non-polluting gases by means of molecular modification.

#### 3. Gas filter (optional)

The gas filter is used for extracting adhesive fumes and solvents. Experience has shown that filtering suspended particles is not so vital in this respect. The gas filter is filled with 50% active carbon and 50% Chemisorb. The particle filter is omitted.

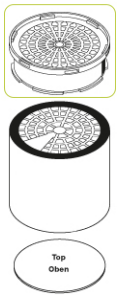


## Compressed air cleaning filter for WFE, WFE P, WFE2P, FT 11, FT 12, FT 12-PF, FE 3000/4000



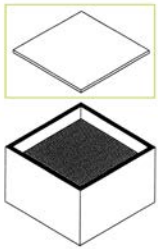
Order No.	Description	Filter type	PU
T005 36 421 99	Fine dust filter F7	Fine dust filter F7	3

## Compressed air cleaning filters for WFE, WFE P, WFE2P, FT 12, FT 12-PF



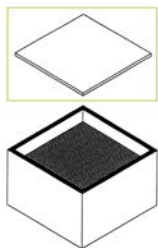
Order No.	Description	Filter type	PU
210-0323-ESD	Compressed air cleaning filters for FT 1 / FT 12 / FT 13	Active carbon 100%	1
210-0315	Filter discs FT 1 (pink)		10

## Medium dust filters M5



Order No.	Description	Filter type	PU
T005 87 358 37	Fine dust filters M5 for Zero Smog 20T, WFE 20D, WFE 4S, Zero Smog 6V, FC 800	Fine dust filter M5	10
T005 87 359 37	Fine dust filter for WFE 2S, Zero Smog 4V	Fine dust filter M5	10

## Fine dust filters F7



Order No.	Description	Filter type	PU
T005 87 358 36	Fine dust filter F7 for Zero Smog 20T, WFE 20D, WFE 4S, Zero Smog 6V, FC 800	Fine dust filter F7	10
T005 87 359 38	Fine dust filter F7 for WFE 2S, Zero Smog 4V	Fine dust filter F7	10
T005 87 628 57	Fine dust filter F7 for Zero Smog TL	Fine dust filter F7	10