



fine and HEPA filters MS series filters of the type MS with MDF-frame

description

EMW filters of the type MS are, due to their inexpensive frames, a reasonably priced alternative to filters with metal frame. All filters are inspected before delivery. The pleated filters are offered in all common dimensions. High quality, wet layed glass fibre media is used for the filters.

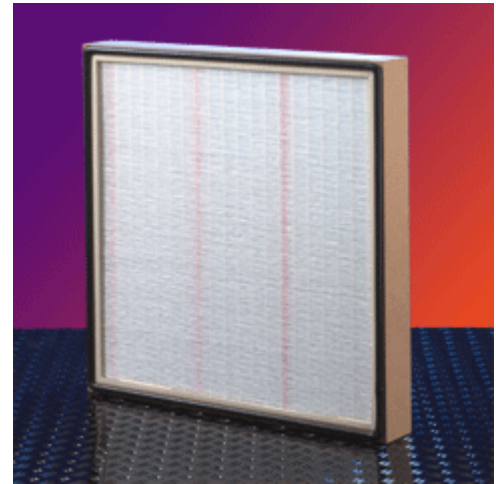
characteristics

- filter classes F6 – F9 according to DIN EN 779
- filter classes H10 – H14 according to DIN EN 1822
- max. operating temperature up to 80 °C
- leakage free casting of filter media inside frame
- MDF-frame fully incinerable
- other frame materials i.e. plastic, stainless steel available on request
- standard including one side endless foamed sealing

fields of application

- laboratories
- air handling units
- processing air in the pharmaceutical industry
- air conditioning units for production halls
- individual offtake for work benches

Filters of the type MS are also available as fine filters on request.



Standards

MS78 : depth of frame 78 mm
MS150 : depth of frame 150 mm
MS292 : depth of frame 292 mm

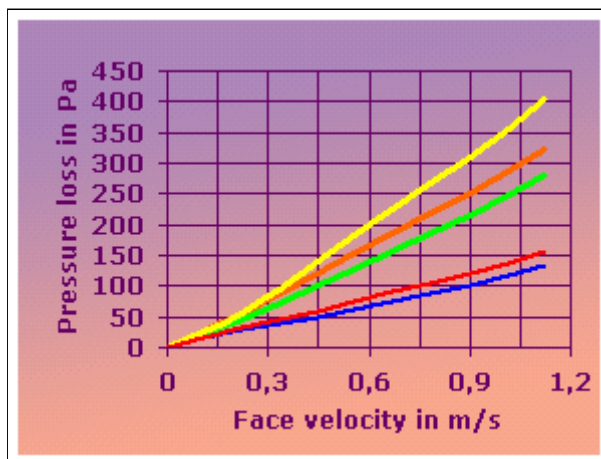
Various offered dimensions of frames kindly see under technical data.

Further dimensions you will receive on request



filter data of MS 78, 78 mm depth of frame, according to DIN EN 1822:

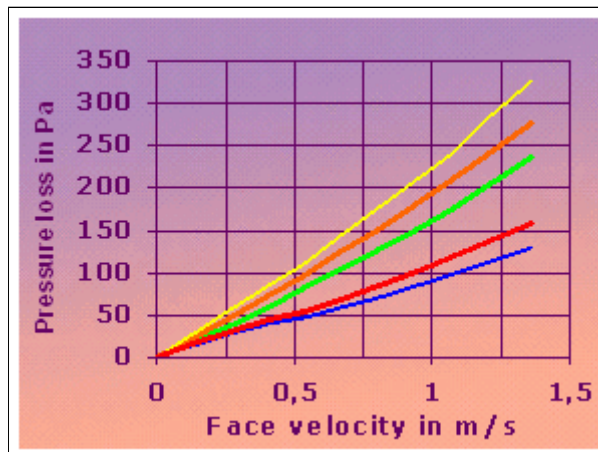
type	dimension [mm]	air flow [m ³ /h]	pressure loss [Pa]				
			H 10	H 11	H 12	H 13	H 14
MS 78	203x203	120	102	122	215	250	300
MS 78	305x305	270	102	122	215	250	300
MS 78	305x457	420	102	122	215	250	300
MS 78	305x610	560	102	122	215	250	300
MS 78	305x762	700	102	122	215	250	300
MS 78	457x457	650	102	122	215	250	300
MS 78	457x610	880	102	122	215	250	300
MS 78	457x762	1110	102	122	215	250	300
MS 78	610x610	1200	102	122	215	250	300
MS 78	610x762	1520	102	122	215	250	300
MS 78	610x915	1840	102	122	215	250	300
MS 78	610x1220	2480	102	122	215	250	300





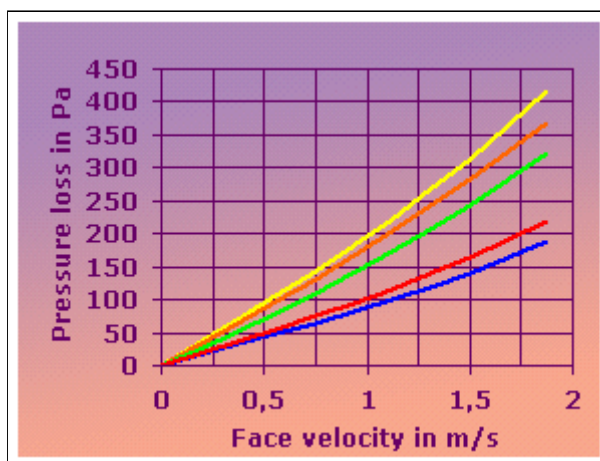
filter data MS 150, 150 mm depth of frame, according to DIN EN 1822:

type	dimension [mm]	air flow [m ³ /h]	pressure loss [Pa]				
			H 10	H 11	H 12	H 13	H 14
MS 150	203x203	150	99	120	177	213	245
MS 150	305x305	330	99	120	177	213	245
MS 150	305x457	510	99	120	177	213	245
MS 150	305x610	670	99	120	177	213	245
MS 150	305x762	860	99	120	177	213	245
MS 150	457x457	790	99	120	177	213	245
MS 150	457x610	1060	99	120	177	213	245
MS 150	457x762	1340	99	120	177	213	245
MS 150	610x610	1450	99	120	177	213	245
MS 150	610x762	1830	99	120	177	213	245
MS 150	610x915	2220	99	120	177	213	245
MS 150	610x1220	2990	99	120	177	213	245



**filter data MS 292, 292 mm depth of frame, according to DIN EN 1822:**

type	dimension [mm]	air flow [m³/h]	pressure loss [Pa]				
			H 10	H 11	H 12	H 13	H 14
MS 292	305x305	460	140	165	240	280	314
MS 292	305x457	710	140	165	240	280	314
MS 292	305x610	940	140	165	240	280	314
MS 292	305x762	1180	140	165	240	280	314
MS 292	457x457	1090	140	165	240	280	314
MS 292	457x610	1470	140	165	240	280	314
MS 292	457x762	1860	140	165	240	280	314
MS 292	610x610	2000	140	165	240	280	314
MS 292	610x762	2530	140	165	240	280	314
MS 292	610x915	3070	140	165	240	280	314

frame construction:

A = MDF - frame
 B = galvanised frame
 C = stainless steel
 D = plastic
 S = specialities according to requirement

sealing:

I = one side sealing
 L = both sides sealing
 M = without sealing

grid:

P = without grid
 Q = one side grid
 R = both sides grid

for example:**MS 292 H12 457x457 AIP :**

MS - model Minipleat, depth **292mm**, coss-section **457x457**, HEPA class **H12**,
A - MDF frame, **I** - one side sealig, **P** - without grid