

The DH Filter is a high capacity filter. It has an extended media surface due to the minipleat technology with hotmelt separators and its 5 Vs design.

The DH can be used in contaminated environments and removes smoke, fine dust, bacteria, virus and particles.

Available in Ashrea sizes in galvanized frame, Flow Air proposes a unique High Capacity in resistant molded plastic frame which is fully incinerable.

The minipleat fiber glass media has an efficiency from E10 (Dop 95% @ 0,3µm) to H14 (DOP 99,999% @ 0,3 µm).

The filters are manufactured ,individually tested and packed in a controlled environment. A sticker with the test results and the serial number of the filter is attached to the filter.

DH Filter

“DH” Filter – Performances

- High holding, dust capacity.
- Micro Fiber Glass media.
- Extreme flow rate, up to 3000 CFM
- Up to 431 sft of media surface – long service life

Structure

- Plastic/Galvanized steel
- Hot melt separators.
- Fiber Glass media
- Filter depth 11½ inch

Final pressure recommended 2½” (w.g)

Very high capacity

Temp of utilisation: 176°F maximum

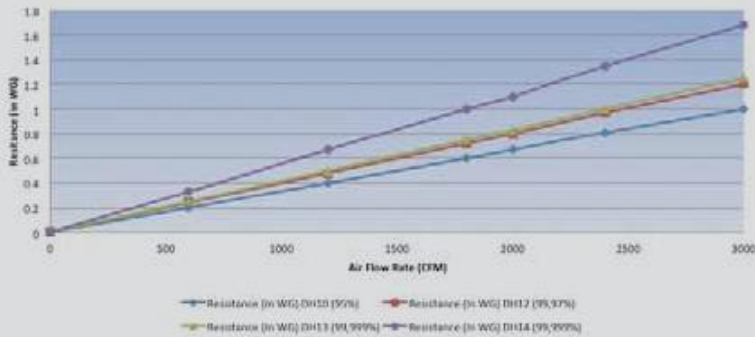
UL 900 listed model

Technical data

Filter	DH 10	DH 12	DH 13	DH 14
Efficiency in EN 1822	E 10	E 12	H13	H 14
MPPS efficiency	85%	99.50%	99.95%	99.995%
Dop efficiency @ 0,3 µm	95%	99.97%	99.99%	99.999%
Max ambient temp	176°F	176°F	176°F	176°F
Max relative humidity	100%	100%	100%	100%

Data Table

Model	Size code	Efficiency (DOP @ 0,3 µm)	Filter Size		CFM	Pressure Drop	Weight (Lbs)		Filtration surface (sft)
			Height	Width			Plastic Frame	Galvanized Frame	
DH10	66	95%	24"	20"	2400	.81	26	46	431
	36	95%	24"	12"	1200	.81	14	26	172
	55	95%	23 ^{3/8} "	23 ^{3/8} "	2400	.90		46	160
	25	95%	23 ^{3/8} "	11 ^{3/8} "	1200	.90		26	409
DH12	66	99.97%	24"	20"	2400	.97	26	46	431
	36	99.97%	24"	12"	1200	.97	14	26	172
	55	99.97%	23 ^{3/8} "	23 ^{3/8} "	2400	1		46	160
	25	99.97%	23 ^{3/8} "	11 ^{3/8} "	1200	1		26	409
DH13	66	99.99%	24"	20"	2400	1	26	46	431
	36	99.99%	24"	12"	1200	1	14	26	172
	55	99.99%	24"	20"	2400	1.16		46	160
	25	99.99%	24"	12"	1200	1.16		26	409
DH14	66	99.999%	24"	20"	2400	1.35	26	46	431
	36	99.999%	24"	12"	1200	1.35	14	26	172
	55	99.999%	24"	20"	2400	1.45		46	160
	25	99.999%	24"	12"	1200	1.45		26	409



DH reference for order

Efficiency code	dop efficiency
10	96%
12	99.97%
13	99.99%
14	99.999%

Size code	Dimension		
	Height	Width	Depth
3 6	12	24	12
6 6	24	24	12

Frame Code	
P	Plastic
G	Galvanized
X	Inox

Gasket Code	
0	Without
1	One side
2	Two sides

filter code	efficiency code	size code	frame code	gasket code	model code
DH					

Model Code	
UL	UL 900 listed
-	Fire retardant