Filtrair Filtration Group

ISO 16890 – AIR FILTER TEST RESULTS

Testing organisation:
Name: Filtrair Filtrationgroup
Address: De Werf 16, 8447 GE Heerenveen, The Netherlands

GENERAL

Report No.:	20-607	Date of report:	11-6-2020
Supervisor:	KvdM		
Test(s) requested by:	Filtrair		

DEVICE TESTED

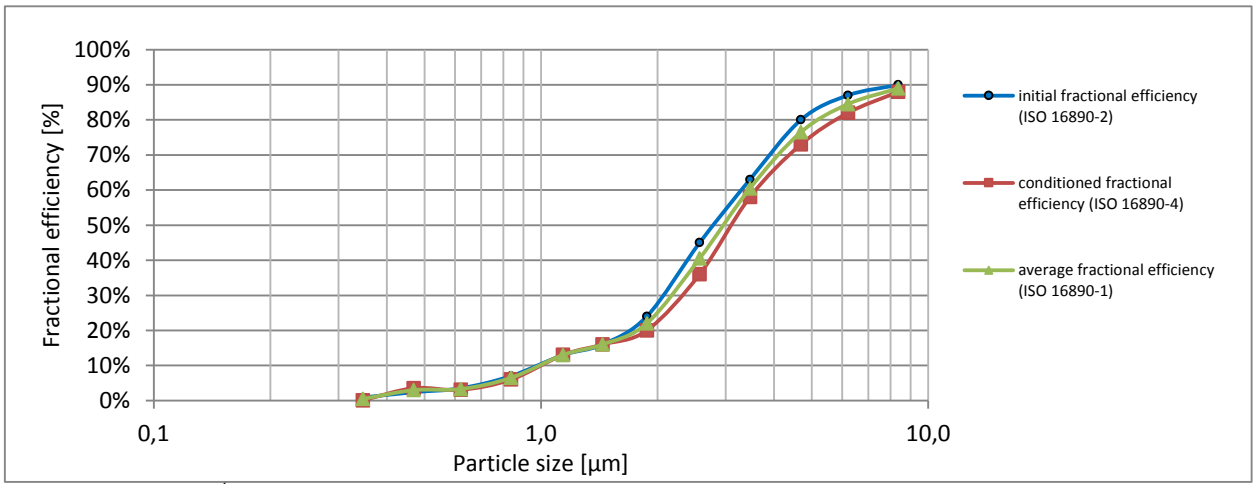
Model:	C3-300	Manufacturer:	Filtrair
Type of media:	synthetic	Construction:	roll media
Net effective filtering area:	1,0m²		

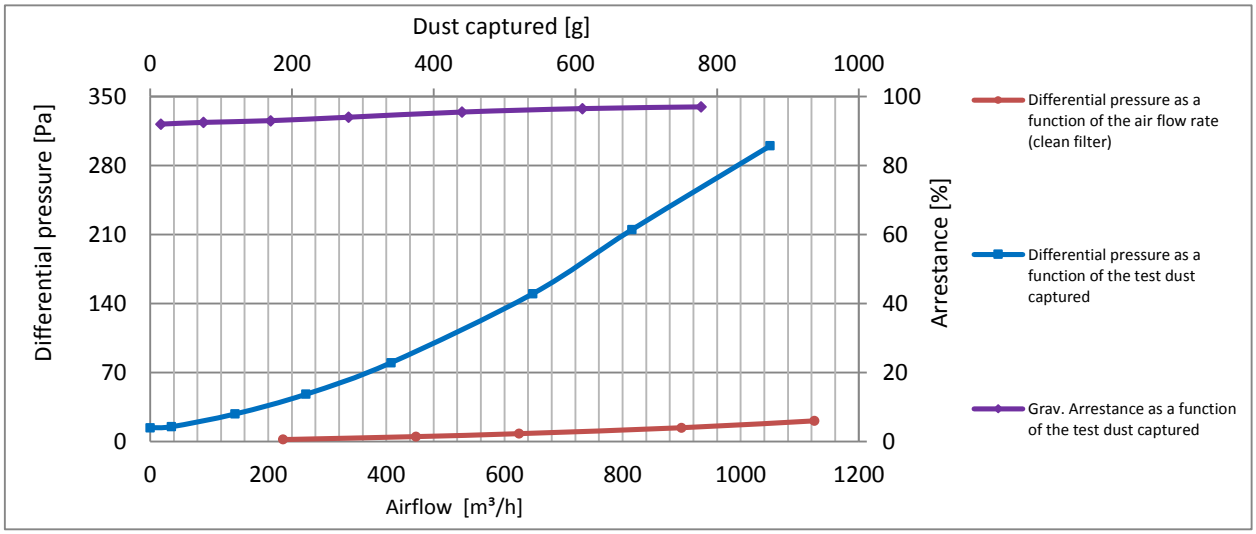
TEST DATA AND ATTACHED TEST ID NUMBERS

Test air flow rate:	900m³/h		
Temperature:	21°C		
Rel. humidity:	35%		
Test aerosol:	n.a.	Loading dust:	ISO 12103 A2 fine

RESULTS

Initial pressure differential:	14Pa**			Final pressure differential:	300Pa
Initial grav. arrestance:	92%			Test dust capacity:	900g
Efficiency values	$e\ PM_1$ = 4%		$e\ PM_{2.5}$ = 10%	$e\ PM_{10}$ =	52%
Min. efficiencies	$e_{min}PM_1$ = 3%		$e_{min}PM_{2.5}$ = 8%		
ISO rating:	**ISO ePM1 -**		**ISO ePM2.5 -**		**ISO ePM 10 50% ***
Remarks	* @ 0,6 m/s **@ 0,25 m/s				





NOTE: The results of this test relate only to the test device in the condition stated herein. The performance results cannot by themselves be quantitatively applied to predict filtration performance in all "real life" environments.

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