

GENERAL

Test No. 11180	Date of Test 2011-11-21	Supervisor BKaranovic	Testing organisation Vokes Air
Test requested by Vokes Air			
Device delivered by Vokes Air			

DEVICE TESTED

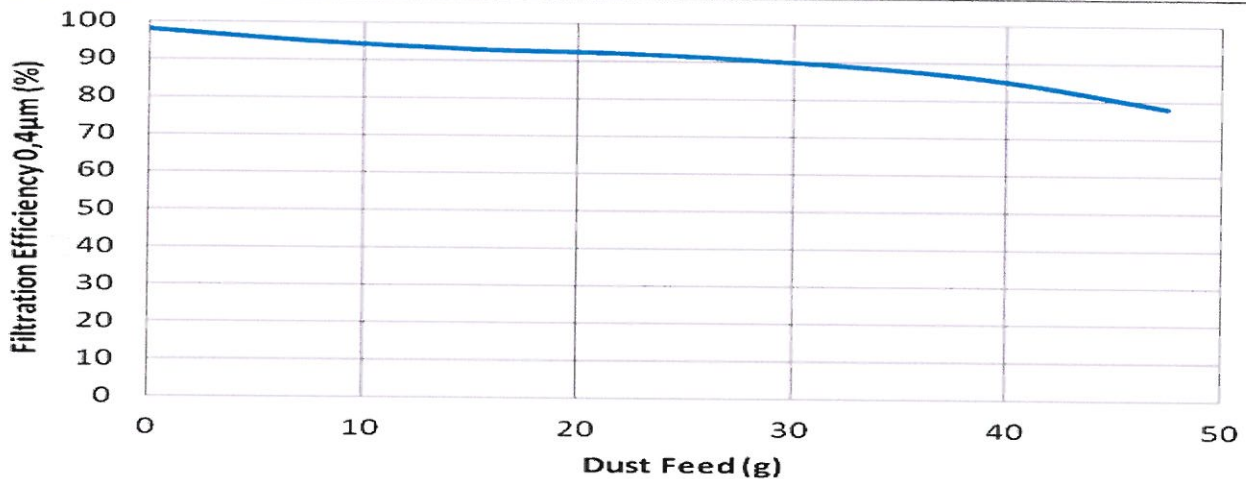
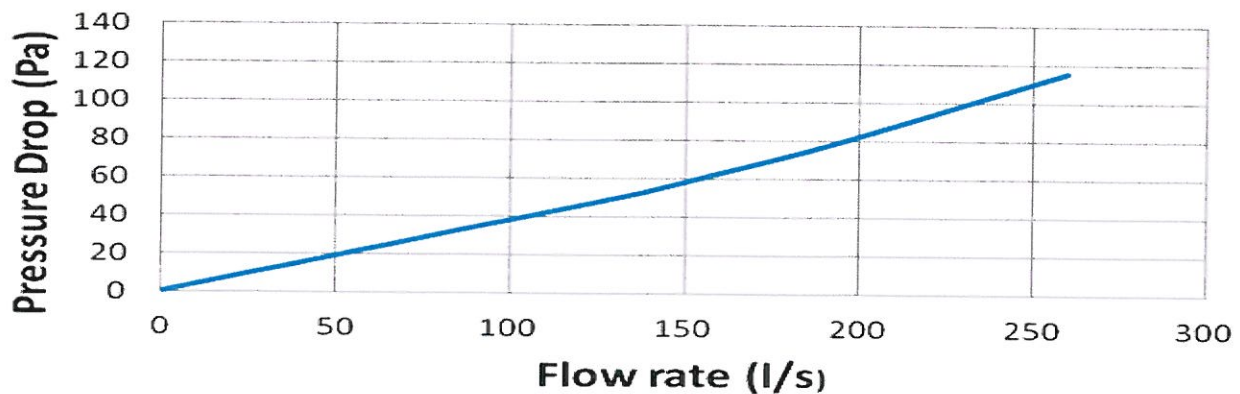
Model HRV/SAFE NZ	Manufacturer Vokes Air	Received i laboratory 2011-11-21		
Type of Media Synthetic	Net effective filtering area 0,8 m ²	Face Dimensions (w x h) 310x300 mm	Depth 100 mm	Construction Panel filter 13 Pleat

TEST DATA

Test Air flow rate 0,16 m ³ /s ± 5 %	Test Air temperature 14,7 - 17,9 ± 0,5 °C	Test Air relative humidity 33,0 - 39,0 ± 2,0 %	Loading dust Ashrae 52/76 batch 7681	Test aerosol DEHS neutralized
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RESULTS

Initial pressure drop ($\Delta p_{1,20}$) 64 ± 3 Pa	Initial arrestance	Initial efficiency (0,4 µm) 97,7 ± 0,2 %	Dust Holding capacity 33/39/47 ± 2 g	
Final pressure drop 250/350/450 ± 7 Pa	Average arrestance 98,4 ± 1,1 %	Average efficiency (0,4 µm) 94/92/91 ± 0,4 %	Filter class (450 Pa) F8	


Pressure Drop vs Flow Rate (Clean Filter)


NOTE The performance results are only valid for the tested item cannot by themselves be quantitatively applied to predict filter performance in service.