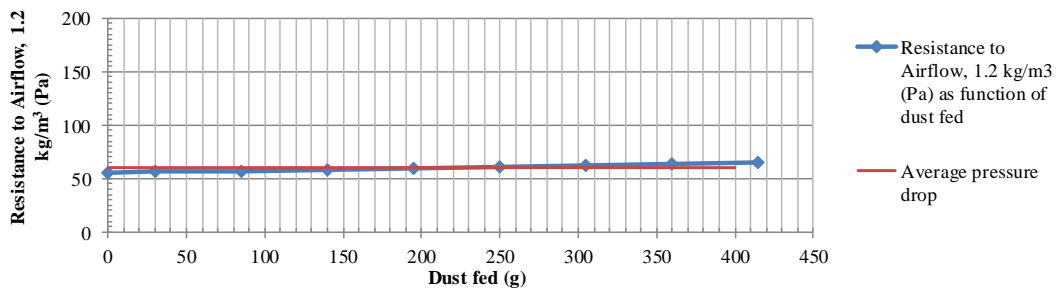


Appendix 7

<b>Eurovent 4/21 - 2018</b>			<b>Testing Organization:</b>	
<b>Energy efficiency evaluation of air filters for general ventilation purposes</b>			Research Institutes of Sweden AB Brinellgatan 4, 501 15 Borås, Sweden +460105165000	
Test ID: SP201904163		Date of test: 2019-04-24		Operator: HC
<b>DEVICE TESTED</b>				
Model: 592x592x635/10 T-G ePM10 65%		Manufacturer: Scandcenter AB		Construction: Pocket filter, 10 Pockets
Article number: -	Type of medium: Glass	Net effective filtering area: 7.9 m <sup>2</sup>		Filter dimensions (width x height x depth) 592 mm x 592 mm x 635 mm

<b>TEST DATA DETAILS</b>				
<b>i</b>	<b>m<sub>i</sub></b>	<b>Δp<sub>i</sub></b>	<b>Δp<sub>i,a</sub></b>	<b>Δm<sub>i</sub></b>
	<b>g</b>	<b>Pa</b>	<b>Pa</b>	<b>g</b>
0	0	54.8		
1	30	56.3	55.5	30
2	85	56.8	56.5	55
3	140	58.3	57.5	55
4	195	59.8	59.0	55
5	250	60.8	60.3	55
6	305	62.3	61.6	55
7	360	63.9	63.1	55
8	415	65.4	64.6	55
	<b>M<sub>x</sub></b>	<b>Δp<sub>x</sub></b>	<b>Δp<sub>n,a</sub></b>	<b>Δm<sub>n</sub></b>
	<b>g</b>	<b>Pa</b>	<b>Pa</b>	<b>g</b>
	400	65.0	64.4	40

i number of the dust loading step  
m<sub>i</sub> total amount of dust fed to the air filter after the dust loading step i  
Δp<sub>i</sub> pressure drop of the air filter after dust loading step i  
Δp<sub>i,a</sub> average of the pressure drops of the air filter measured before and after the dust loading step i  
Δm<sub>i</sub> dust increment fed to the air filter during loading step i  
n total number of dust loading steps to feed the amount of test dust M<sub>x</sub> to the air filter (n ≥ 8)



<b>RESULTS</b>			
ISO group	PM10	Δp <sub>av</sub> , Average pressure drop	<b>59.8 Pa</b>
Amount of dust fed, M <sub>x</sub>	400	Yearly energy consumption, W	<b>678 kWh</b>

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.