

Test Summary  
HEPA H13 Filter Test  
According to EN1822-1: 2019 & EN ISO 29463-5: 2018

Filter Characteristics

Product Name:	AeraMax Pro H13 HEPA Filter
Item Number:	9416602
Dimensions (HxWxD):	363x350x50mm
Filter Media:	1.1m <sup>2</sup>

Test Conditions

Test Standards:	EN1822-1: 2019 & EN ISO 29463-5: 2018
Nom. Flow Rate m <sup>3</sup> /h:	340
Ambient Pressure (kPa):	100.9
Test Aerosol/Contaminant:	NaCl (2%)
Temperature:	25.3
Humidity:	48.7
Particle Counter:	SOLAIR 1100
Dilution up/down:	DIL554 + TDA-D10 1000/1
Flowmeter:	DY80
DP Transmitter:	CP112

Test Results Summary

Initial Filtration Performance; EN ISO 29463-5: 2018						
Normal Air Volume Flow Rate cm/s (m <sup>3</sup> /h)			340			
Test Aerosol Substances			NaCl (2%)			
Particle Size Range (µm)		0.10-0.15	0.15-20	0.20-0.25	0.25-.30	0.10-0.25
Sample No.	Pa	Fractional Efficiency %				Efficiency %
21-0681-16	53	99.98	99.98	99.99	99.99	99.98
21-0681-17	52	99.98	99.99	99.99	99.98	99.98
21-0681-18	49	99.96	99.97	99.97	99.97	99.96
21-0681-19	50	99.95	99.96	99.96	99.95	99.95
21-0681-20	53	99.98	99.98	99.99	99.99	99.98
Average						<b>99.97</b>
PASS Criteria: >99.95% at MPPS (0.1 µm)						
Test Result: PASS - Accordance with EN1822-1: 2019, H13						

Laboratory Information

Testing Laboratory:	Suzhou GTT Service Co
Report Number:	0681-21A-04B
Date of Issue:	28/10/2021