

IBR JN: 20525B2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 12 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 21.1 - 21.2 °C Relative Humidity: 36.2 - 38.5 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Natural Decay-Dust

Room Status	Time (min)	Particles / 0.33 ft3 at: (in microns)							Total
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	
Room Background	1	40	40	80	0	0	80	160	400
	2	40	80	80	40	0	160	120	520
	3	40	120	0	40	0	40	120	360
	4	120	0	0	0	0	80	120	320
	5	40	40	0	0	40	40	80	240
	6	40	40	0	0	0	40	80	200
	7	120	0	0	0	0	80	80	280
	8	40	80	40	0	0	40	80	280
	9	80	0	40	0	0	40	80	240
	10	40	80	80	0	0	200	240	640
Natural Decay	1	876520	674760	368320	177040	103240	1026400	506440	3732720
	2	871680	665480	359960	177320	98440	1022280	494800	3689960
	3	862800	658760	357200	175880	93480	1001320	483800	3633240
	4	853240	649800	360720	173640	97200	998480	473080	3606160
	5	842360	640120	359840	171320	97880	984920	464760	3561200
	6	835560	635040	351960	170920	92120	968480	454440	3508520
	7	829280	643120	348200	165760	92000	957880	449240	3485480
	8	823280	630440	346480	167040	89720	944080	431560	3432600
	9	833000	622880	340320	165440	89720	928520	426560	3406440
	10	802160	620440	331360	167360	86280	932320	409400	3349320
11	801120	619960	336320	160640	90200	904520	409200	3321960	
12	793800	596920	333640	161440	88280	899480	394400	3267960	
13	793160	602640	327400	158480	85480	893280	389000	3249440	
14	788000	603640	323200	159160	88240	881680	384000	3227920	
15	784800	594680	323160	156920	83320	871440	375480	3189800	
16	767240	590160	313600	152280	85360	860280	371440	3140360	
17	770680	582200	313200	153880	80840	846880	358120	3105800	
18	766400	574960	309520	150920	83600	838360	353000	3076760	
19	758280	571240	306520	148440	85920	830880	349440	3050720	
20	747360	569640	304960	149320	77320	813720	339560	3001880	

 Natural Decay Rate: -0.01126 1/min⁻¹

 Standard Deviation: 0.0001 1/min⁻¹

Coefficient of Determination: 0.9971

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525B2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 12 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 21.2 - 21.1 °C Relative Humidity: 28.5 - 39.5 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier Description of Filter: Multi-layered Pleated Filter Element

S/N: 110000058

Filter S/N: 301001102

IBR Cleaner ID: 20525-16

IBR Filter ID: 20525-31

Power: 120 VAC / 60 Hz

Fan Speed: High (6)

Date Samples Received: 17 Feb 2020

Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft ³ at: (in microns)							
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	Total
Off- background	1	0	0	80	0	0	0	80	160
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	40	40	80
	5	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0
Test Purifier Power on	1	867000	660280	363320	178800	97480	1057840	573920	3798640
	2	658960	502640	273520	138520	72720	780960	413760	2841080
	3	495000	372360	201520	99440	53480	573000	293640	2088440
	4	361400	273760	148160	75800	40560	425240	205040	1529960
	5	269720	210440	112120	54880	30240	305840	148560	1131800
	6	196520	151880	81480	37680	22800	218760	105680	814800
	7	145440	113160	59760	30440	16840	163760	77800	607200
	8	105120	85640	42640	21520	11080	121040	52680	439720
	9	78880	59240	33560	15720	9560	88520	39720	325200
	10	56640	42080	25520	11920	5520	61080	29000	231760
11	41720	31680	16800	8480	4840	44000	19800	167320	
12	31320	24320	12440	6080	3640	32040	15640	125480	
13	22440	16080	9120	4720	2560	23280	10360	88560	
14	16760	11840	6280	3440	1840	16400	6720	63280	
15	12560	8520	5320	2480	1120	14040	5680	49720	
16	9600	6440	4120	1680	1120	9800	3680	36440	
17	6840	5520	2120	1240	480	6800	2240	25240	
18	4960	4160	1520	1400	640	5520	2360	20560	
19	3760	2960	1280	560	400	3640	1720	14320	
20	3120	2080	880	600	440	2200	1000	10320	

 Operational Decay Rate: -0.31202 1/min⁻¹
 Standard Deviation: 0.0011 1/min⁻¹
 Coefficient of Determination: 0.9998

CADR:	286.3	Cubic feet / min
CADR:	486.5	Cubic meters / hr

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 Performed By: MP Data Location: MP237

IBR JN: 20525B2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 12 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 21.1 - 21.1 °C Relative Humidity: 38 - 37.7 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier	Description of Filter: Multi-layered Pleated Filter Element
S/N : 110000072	Filter S/N: 301001167
IBR Cleaner ID: 20525-17	IBR Filter ID: 20525-33
Power: 120 VAC / 60 Hz	Fan Speed: High (6)
Date Samples Received: 17 Feb 2020	Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)							
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	Total
Off- background	1	80	80	40	0	0	120	40	360
	2	240	80	40	40	0	40	40	480
	3	40	40	0	40	0	40	80	240
	4	120	40	0	0	0	120	40	320
	5	120	40	40	0	0	40	40	280
	6	80	0	80	0	0	40	40	240
	7	80	80	0	0	0	0	40	200
	8	80	0	0	0	0	120	80	280
	9	0	80	0	0	0	40	0	120
	10	0	0	0	0	40	0	40	80
Test Purifier Power on	1	793600	603680	328680	161720	87160	955640	509280	3439760
	2	590240	458760	247640	124760	64600	698400	356960	2541360
	3	451640	338280	186000	91800	49720	509320	263160	1889920
	4	339960	251680	138960	68360	35720	388080	192920	1415680
	5	248960	190400	104480	48600	26520	284080	138080	1041120
	6	183600	138280	75320	38560	20240	208160	100480	764640
	7	135880	103200	53840	27680	14480	150960	71800	557840
	8	101400	82080	38320	21320	10520	111680	55160	420480
	9	78360	56400	31040	16280	8160	85080	41200	316520
	10	59680	42600	26200	11320	6800	66160	30080	242840
	11	43800	33520	18680	9000	4920	48640	25200	183760
	12	34520	23920	14840	6080	3800	38960	18520	140640
	13	29600	20920	12640	5360	3120	33880	16720	122240
	14	24720	18040	10040	5000	2480	28000	14800	103080
	15	20280	15960	7920	4120	2320	22800	11360	84760
	16	16080	13560	6800	3920	1600	21280	9400	72640
	17	13400	10120	5480	2240	1800	16800	8440	58280
	18	10880	10080	4040	2600	1880	13560	8280	51320
	19	8840	6920	4240	2000	1080	10920	6960	40960
	20	8480	6120	3480	1440	1160	10600	5880	37160

 Operational Decay Rate: -0.29276 1/min⁻¹
 Standard Deviation: 0.0022 1/min⁻¹
 Coefficient of Determination: 0.9994

CADR:	268.0	Cubic feet / min
CADR:	455.3	Cubic meters / hr

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 Performed By: MP Data Location: MP237

IBR JN: 20525B2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 12 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 21 - 20.9 °C Relative Humidity: 38.3 - 38.2 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier

 Customer Cleaner ID: 110000061
 IBR Cleaner ID: 20525-18
 Power: 120 VAC / 60 Hz
 Date Samples Received: 17 Feb 2020

Description of Filter: Multi-layered Pleated Filter Element

 Filter S/N: 301001167
 IBR Filter ID: 20525-33
 Fan Speed: High (6)
 Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)							
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	Total
Off- background	1	0	0	0	0	0	0	0	0
	2	40	80	0	0	0	0	0	120
	3	0	0	0	0	0	40	40	80
	4	0	0	0	0	40	40	40	120
	5	0	40	40	0	0	40	80	200
	6	40	80	0	80	0	80	40	320
	7	0	40	0	0	0	80	120	240
	8	40	40	40	0	80	40	80	320
	9	40	0	0	0	0	0	120	160
	10	40	0	0	0	0	0	0	40
Test Purifier Power on	1	701880	537240	300920	145400	78360	865200	469080	3098080
	2	533920	396960	215960	106440	59960	627800	334200	2275240
	3	384720	293360	157840	79560	45160	447200	234280	1642120
	4	287760	219960	116000	61920	31320	325120	173960	1216040
	5	202800	155920	83640	41400	23520	238000	115760	861040
	6	146760	112360	60800	27200	14920	167680	82320	612040
	7	110640	85120	44400	22400	11640	120400	60000	454600
	8	80640	60120	34240	16440	8760	89200	41800	331200
	9	59080	42320	24680	10600	6080	62320	30600	235680
	10	41200	29840	15520	8440	4440	44600	21560	165600
11	31120	24120	10360	6360	3360	31960	16080	123360	
12	21360	16400	8880	4560	2560	24120	12040	89920	
13	17200	12120	6800	3400	1720	17920	8240	67400	
14	12360	8720	4800	2400	1320	12480	5080	47160	
15	8160	6760	3640	1440	800	8400	3680	32880	
16	6680	4600	2480	1720	560	6560	3160	25760	
17	4760	2720	2160	800	480	4680	2400	18000	
18	2880	2640	1960	680	280	3880	1680	14000	
19	3000	2240	1160	520	40	3000	1040	11000	
20	2040	1320	680	320	80	1720	840	7000	

 Operational Decay Rate: -0.31914 1/min⁻¹
 Standard Deviation: 0.0015 1/min⁻¹
 Coefficient of Determination: 0.9996

CADR: 293.1 Cubic feet / min
CADR: 498.0 Cubic meters / hr

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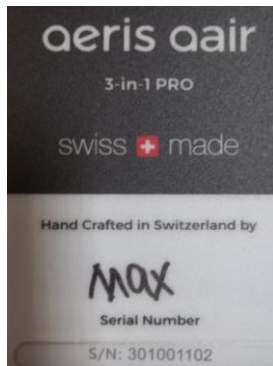
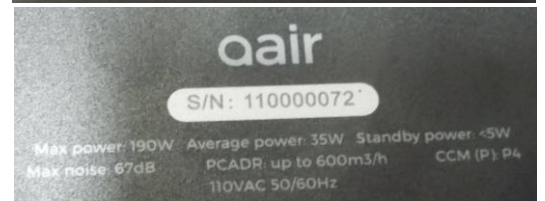
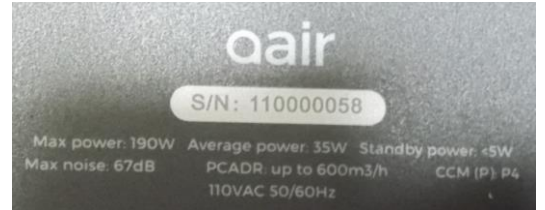
Performed By: MP

Data Location: MP237

IBR JN: 20525B2

Date: 12 May 2020

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)


IBR ID	Manufacturer	Model No.	Serial No.	Range	Cal. Due
AME-32	Visicomm Industries	2KSS6050/5060	7252	110/220VAC 50/60Hz	Set w/ Use
RH-210	Omega	OM-DVTH	421-0419-0059	10-90%/10-50C	10-Jan-2021
BAL-07	Mettler Toledo	AE50	N/A	0.5-50g	3-Dec-2020
AME-63	Accusplit	Pro Survivor 601X	none	0.1 sec- 24 hr	11-Jul-2022
AME-40	Yokogawa	WT210	91L220956	600VAC/20A/50-60Hz	28-Dec-2021
N/A	Hiac/Royco	5230	96050210	0.5-15 um	22-Jun-2020

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Performed By: MP

Data Location: MP237

Reviewed By:

Daniel R. Miller, Air Labs Manager

Revision	Editorial / Technical	Description	Approved By	Release Date
		Initial release	DRM	5/17/2020

IBR JN: 20525A2

Performed for: Aeris Cleantech AG

Date: 07 May 2020

Location: Unknown

Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Smoke)

Temperature: 22.9 - 22.6 C

Relative Humidity: 38.3 - 40.6 %

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

Natural Decay-Smoke

Room Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Room Background	1	2460	60	0	0	0	0	2520
	2	2280	0	0	0	0	0	2280
	3	2700	0	0	0	0	0	2700
	4	2160	0	0	0	0	0	2160
	5	2400	0	0	0	0	0	2400
	6	2460	0	0	0	0	0	2460
	7	2100	0	0	0	0	0	2100
	8	2160	0	0	0	0	0	2160
	9	2280	60	0	0	0	0	2340
	10	2340	0	0	0	0	0	2340
Natural Decay	1	2287620	655140	107220	63660	6900	60	3120600
	2	2249640	646320	108300	61620	7080	60	3073020
	3	2185140	631980	104160	57420	6600	60	2985360
	4	2172480	627060	106500	62400	6360	120	2974920
	5	2160960	623700	105240	57360	6540	0	2953800
	6	2143500	619680	102480	62340	5580	120	2933700
	7	2145180	618540	103500	56760	5760	60	2929800
	8	2042940	614520	101160	53820	4740	0	2817180
	9	2034660	590820	98940	54420	5580	60	2784480
	10	2052900	610860	99780	53880	5220	60	2822700
11	2031960	605520	99060	58680	5700	0	2800920	
12	2033160	602340	98340	57360	4800	0	2796000	
13	1999620	604200	99900	53400	5280	0	2762400	
14	1975200	609300	99780	53640	4620	0	2742540	
15	1937460	581460	93960	51840	4980	60	2669760	
16	1909140	573120	94140	53760	5220	0	2635380	
17	1885620	577140	95520	50580	4860	0	2613720	
18	1881120	577020	95280	53520	4680	60	2611680	
19	1866420	564720	92760	51180	5280	0	2580360	
20	1823220	555000	87900	47580	3780	60	2517540	

Natural Decay Rate: -0.00995 1/min⁻¹
 Standard Deviation: 0.0005 1/min⁻¹
 Coefficient of Determination: 0.9612

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Performed By: MP

Data Location: MP237

IBR JN: 20525A2

Performed for: Aeris Cleantech AG

Date: 07 May 2020

Location: Unknown

Contact: Pierre Bi

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier Description of Filter: Multi-layered Pleated Filter Element

S/N: 110000058

Filter S/N: 301001005

IBR Cleaner ID: 20525-16

IBR Filter ID: 20525-16-1

Power: 120 VAC / 60 Hz

Fan Speed: High (6)

Date Samples Received: 17 Feb 20

Sample Source: AAA Trans World Express Jamaica, NY

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

	Before Test	After Test
Relative Humidity (%)	38.9	38.9
Temperature (°C)	22.4	20.8

Purifier Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Off	1	1740	180	0	0	0	0	1920
	2	2040	180	60	0	0	0	2280
	3	1920	180	0	0	0	0	2100
	4	1680	120	0	0	0	0	1800
	5	2100	120	60	0	0	0	2280
	6	2160	60	0	0	0	0	2220
	7	2160	60	0	0	0	0	2220
	8	2400	60	0	0	0	0	2460
	9	2520	120	0	0	0	0	2640
	10	2280	0	0	0	0	0	2280
On	1	1785780	419040	65760	20520	2760	60	2293920
	2	1067040	243660	35040	10380	1020	0	1357140
	3	710400	153120	25860	6480	720	60	896640
	4	447000	98880	14400	4080	360	0	564720
	5	267960	58620	9180	2640	240	0	338640
	6	165060	32820	5100	1320	420	0	204720
	7	120900	22620	2700	720	120	0	147060
	8	74280	15600	2340	540	0	0	92760
	9	52200	9300	1740	600	120	0	63960
	10	40140	5040	420	120	60	0	45780
11	25800	2700	540	240	0	0	29280	
12	21660	2220	120	180	0	0	24180	
13	17700	840	60	0	60	0	18660	
14	15420	840	120	0	0	0	16380	
15	13920	480	0	0	0	0	14400	
16	12900	420	60	120	0	0	13500	
17	11700	240	0	0	0	0	11940	
18	9900	0	0	0	0	0	9900	
19	12480	120	0	0	0	0	12600	
20	13140	60	0	0	0	0	13200	

 Operational Decay Rate: -0.42054 1/min⁻¹
 Standard Deviation: 0.0088 1/min⁻¹
 Coefficient of Determination: 0.9965

CADR: 390.9 Cubic feet / min
CADR: 664.1 Cubic meters / hr
Suggested room size: 605.9 sqft
56.3 sqm

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Performed By: MP

Data Location: MP237



IBR JN: 20525A2

Performed for: Aeris Cleantech AG

Location: Unknown

Date: 07 May 2020

Contact: Pierre Bi

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier Description of Filter: Multi-layered Pleated Filter Element

S/N: 110000072

Filter S/N: 301001084

IBR Cleaner ID: 20525-17

IBR Filter ID: 20525-17-1

Power: 120 VAC / 60 Hz

Fan Speed: High (6)

Date Samples Received: 43878

Sample Source: AAA Trans World Express Jamaica, NY

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

	Before Test	After Test
Relative Humidity (%)	38.4	39.2
Temperature (°C)	20.6	20.1

Purifier Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Off	1	2460	180	0	60	0	0	2700
	2	2460	180	0	0	0	0	2640
	3	2520	180	0	0	0	0	2700
	4	3060	0	0	0	0	0	3060
	5	2760	60	0	0	0	0	2820
	6	2700	0	0	0	0	0	2700
	7	2700	60	0	0	0	0	2760
	8	2460	0	0	0	0	0	2460
	9	2340	0	0	0	0	0	2340
	10	2100	0	0	0	0	0	2100
On	1	1829520	480180	75600	23940	3600	0	2412840
	2	1126500	290700	47880	15540	2040	0	1482660
	3	690300	170280	27480	9120	1680	120	898980
	4	475200	110640	17880	7200	660	60	611640
	5	277440	61140	9600	3660	660	0	352500
	6	184320	41460	6180	2460	0	60	234480
	7	118020	22740	3960	1320	60	0	146100
	8	78240	15000	1860	720	120	0	95940
	9	59580	7920	1620	480	0	0	69600
	10	40140	4980	1200	180	0	0	46500
	11	29460	3840	840	180	0	0	34320
	12	25380	2040	180	0	0	0	27600
	13	21780	900	180	60	0	0	22920
	14	18480	600	120	0	60	0	19260
	15	16980	360	0	0	0	0	17340
	16	14160	180	0	0	0	0	14340
	17	11400	180	0	0	0	0	11580
	18	11040	120	0	0	0	0	11160
	19	13320	0	0	0	0	0	13320
	20	9600	0	0	0	0	0	9600

Operational Decay Rate: -0.41352 1/min⁻¹
Standard Deviation: 0.0104
Coefficient of Determination: 0.9949 1/min⁻¹

CADR: 394.1 Cubic feet / min
CADR: 669.7 Cubic meters / hr
Suggested room size: 610.9 sqft
56.8 sqm

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

IBR JN: 20525A2

Performed for: Aeris Cleantech AG

Date: 08 May 2020

Location: Unknown

Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Smoke)

Temperature: 22.9 - 22.6 C

Relative Humidity: 38.3 - 40.6 %

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

Natural Decay-Smoke

Room Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Room Background	1	3120	0	0	0	0	0	3120
	2	2940	0	0	0	0	0	2940
	3	3000	0	0	0	0	0	3000
	4	2280	0	0	0	0	0	2280
	5	2700	0	0	0	0	0	2700
	6	2520	0	0	0	0	0	2520
	7	1920	0	0	0	0	0	1920
	8	2760	0	0	0	0	0	2760
	9	2580	0	0	0	0	0	2580
	10	2580	0	0	0	0	0	2580
Natural Decay	1	1849860	590160	104460	38760	6180	240	2589660
	2	1767420	562860	90660	34800	6000	240	2461980
	3	1767300	562980	94740	34860	6600	180	2466660
	4	1754280	556260	103680	31680	6960	180	2453040
	5	1739460	556560	96000	31380	6300	360	2430060
	6	1686900	531600	90780	33900	6900	120	2350200
	7	1679820	528240	90300	30360	6300	300	2335320
	8	1684680	523140	91620	31260	6540	180	2337420
	9	1656540	526980	93180	29940	6240	120	2313000
	10	1651920	528960	89640	29700	5280	240	2305740
11	1660200	515880	90180	28320	5220	120	2299920	
12	1646100	515880	94260	30720	6060	420	2293440	
13	1632300	519720	91500	29640	4620	180	2277960	
14	1622280	510360	90480	30000	5640	60	2258820	
15	1532760	489900	83520	29820	5580	420	2142000	
16	1533900	483480	84540	28860	6120	0	2136900	
17	1494720	478920	79860	30600	5100	240	2089440	
18	1459500	470940	81780	29100	6060	480	2047860	
19	1441680	469200	83100	26520	4800	180	2025480	
20	1456500	462780	84000	26940	4200	180	2034600	

 Natural Decay Rate: -0.01182 1/min⁻¹

 Standard Deviation: 0.0007 1/min⁻¹

Coefficient of Determination: 0.9443

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525A2

Date: 08 May 2020

Performed for: Aeris Cleantech AG

Location: Unknown

Contact: Pierre Bi

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier Description of Filter: Multi-layered Pleated Filter Element

S/N: 110000061

IBR Cleaner ID: 20525-18

Power: 120 VAC / 60 Hz

Date Samples Received: 43878

Filter S/N: 301001081

IBR Filter ID: 20525-18-1

Fan Speed: High (6)

Sample Source: AAA Trans World Express Jamaica, NY

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

	Before Test	After Test
Relative Humidity (%)	38.1	38.8
Temperature (°C)	22.1	19.8

Purifier Status	Time mins	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Off	1	2340	120	0	0	0	0	2,460
	2	2040	60	0	0	0	0	2,100
	3	2160	60	0	0	0	0	2,220
	4	2100	60	0	0	0	0	2,160
	5	2280	0	0	0	0	0	2,280
	6	2700	60	0	0	0	0	2,760
	7	2760	0	0	0	0	0	2,760
	8	2100	0	0	0	0	0	2,100
	9	2340	60	0	0	0	0	2,400
	10	2460	0	0	0	0	0	2,460
On	1	1836120	492120	83880	26940	3360	0	2442420
	2	1141200	296700	45720	15180	1680	0	1500480
	3	742320	197940	33120	11280	1020	0	985680
	4	477480	111600	20460	6060	600	0	616200
	5	295260	69060	10380	3900	420	0	379020
	6	191160	44040	6360	2160	0	0	243720
	7	134520	29400	4800	1680	180	0	170580
	8	87840	18360	3000	1140	60	0	110400
	9	55320	9780	1740	300	60	0	67200
	10	44220	5820	1140	180	0	0	51360
	11	33960	4380	660	180	0	0	39180
	12	27360	2040	420	120	0	0	29940
	13	24420	1500	60	0	0	0	25980
	14	21120	1080	120	0	0	0	22320
	15	18660	600	0	60	0	0	19320
	16	21480	540	60	0	0	0	22080
	17	19320	120	60	0	0	0	19500
	18	15660	480	60	0	0	0	16200
	19	12960	300	0	0	0	0	13260
	20	13140	180	60	0	0	0	13380

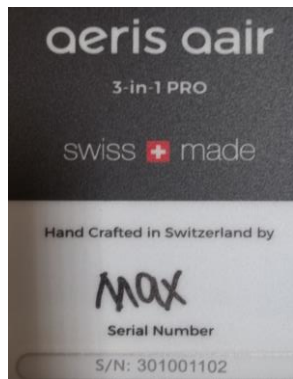
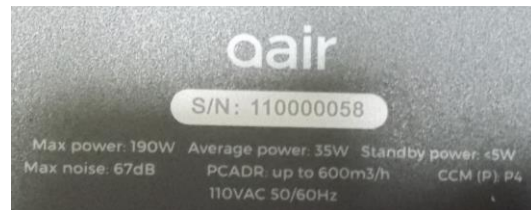
 Operational Decay Rate: -0.40362 1/min⁻¹
 Standard Deviation: 0.0101
 Coefficient of Determination: 0.9950 1/min⁻¹
CADR: 384.9 Cubic feet / min
CADR: 654.0 Cubic meters / hr
Suggested room size: 596.6 sqft
55.5 sqm

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

IBR JN: 20525A2

Date: 07-08 May 2020

Performed for: Aeris Cleantech AG
 Location: Unknown
 Contact: Pierre Bi



IBR ID	Manufacturer	Model No.	Serial No.	Range	Cal. Due
AME-32	Visicomm Industries	2KSS6050/5060	7252	110/220VAC 50/60Hz	Set w/ Use
RH-210	Omega	OM-DVTH	421-0419-0059	10-90%/10-50C	10-Jan-2021
BAL-07	Mettler Toledo	AE50	N/A	0.5-50g	3-Dec-2020
AME-63	Accusplit	Pro Survivor 601X	none	0.1 sec- 24 hr	11-Jul-2022
AME-40	Yokogawa	WT210	91L220956	600VAC/20A/50-60Hz	28-Dec-2021
N/A	Lasair	1001	32750-1094-221	0.1-2.0 µm	29-Jun-2020

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

Reviewed by:

Daniel R. Miller, Air Labs Manager

Revision	Editorial / Technical	Description	Approved By	Release Date
		Initial Release	DRM	5/17/2020

IBR JN: 20525C2

Date: 13 May 2020

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)

 Temperature: 21.3 - 21.7 C Relative Humidity: 37.9 - 35.7 %
 Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
 Contaminant Source: GREER

Natural Decay-Pollen

Room Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Room Background	1	17	10	3	7	6	3	46
	2	14	14	6	1	1	2	38
	3	10	9	2	4	2	0	27
	4	14	3	3	2	4	2	28
	5	12	4	6	4	5	9	40
	6	16	2	0	1	1	7	27
	7	9	3	3	0	2	2	19
	8	11	6	0	3	0	0	20
	9	3	1	0	0	1	0	5
	10	3	1	1	1	2	0	8
Natural Decay	1	6964	4003	6221	12181	20141	24919	74429
	2	7047	3766	5715	10904	18285	22466	68183
	3	6760	3495	4993	9655	16101	20029	61033
	4	6469	3155	4294	8356	13706	18627	54607
	5	6119	2912	3885	7400	12434	15322	48072
	6	5536	2669	3521	6630	11174	13606	43136
	7	5347	2467	3025	5877	9582	11849	38147
	8	4684	2223	2783	4952	8246	9876	32764
	9	4413	2022	2483	4415	7323	8939	29595
	10	4001	1793	2068	3855	6305	7540	25562

 Natural Decay Rate: -0.12248 1/min⁻¹
 Standard Deviation: 0.0018 1/min⁻¹
 Coefficient of Determination 0.9985

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525C2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 13 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)

 Temperature: 21.7 - 22.1 C Relative Humidity: 36.7 - 38.3 %
 Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
 Contaminant Source: GREER

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier	Description of Filter: Multi-layered Pleated Filter Element
S/N: 110000058	Filter S/N: 301001162
IBR Cleaner ID: 20525-16	IBR Filter ID: 20525-34
Power: 120 VAC / 60 Hz	Flow: High (6)
Date Samples Received: 17 Feb 2020	Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Off- Background	1	10	5	9	5	9	18	56
	2	11	8	3	7	9	10	48
	3	14	2	0	8	11	7	42
	4	10	3	3	5	10	9	40
	5	4	3	2	10	7	8	34
	6	4	3	1	3	3	8	22
	7	3	2	1	5	6	4	21
	8	5	3	3	3	3	7	24
	9	2	2	1	2	3	5	15
	10	4	3	0	4	7	6	24
Test Purifier Power on	1	2506	2601	6796	14429	22304	25890	74526
	2	1708	1566	4053	9124	14276	16480	47207
	3	1180	1067	2549	5660	8998	10523	29977
	4	772	695	1666	3558	5786	6691	19168
	5	507	414	1036	2249	3613	4220	12039
	6	320	296	663	1432	2337	2706	7754
	7	228	160	409	941	1414	1688	4840
	8	143	122	253	572	865	985	2940
	9	109	75	183	371	580	670	1988
	10	66	51	104	260	356	420	1257

 Operational Decay Rate: -0.45511 1/min⁻¹
 Standard Deviation: 0.0021 1/min⁻¹
 Coefficient of Determination 0.9998

CADR:	316.7	Cubic feet / min
CADR:	538.0	Cubic meters / hr

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.
 Performed By: MP Data Location: MP237

IBR JN: 20525C2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 13 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)

 Temperature: 22.1 - 23 C Relative Humidity: 38.3 - 40.1 %
 Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
 Contaminant Source: GREER

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier	Description of Filter: Multi-layered Pleated Filter Element
S/N: 110000072	Filter S/N: 301001101
IBR Cleaner ID: 20525-17	IBR Filter ID: 20525-35
Power: 120 VAC / 60 Hz	Flow: High (6)
Date Samples Received: 17 Feb 2020	Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Off- Background	1	16	8	1	8	11	12	56
	2	3	4	2	5	6	7	27
	3	5	1	7	5	8	5	31
	4	6	1	1	2	5	3	18
	5	2	1	0	4	1	1	9
	6	1	0	1	3	3	4	12
	7	4	1	4	3	4	10	26
	8	0	0	0	1	0	3	4
	9	1	0	1	1	1	1	5
	10	0	0	0	0	2	1	3
Test Purifier Power on	1	2014	2598	7278	15087	22289	24299	73565
	2	1283	1634	4840	10215	15046	16241	49259
	3	860	1013	3104	6500	9376	9677	30530
	4	536	746	2097	4329	6278	6375	20361
	5	370	436	1279	2826	4008	4021	12940
	6	236	298	829	1694	2449	2451	7957
	7	151	192	465	1002	1548	1559	4917
	8	102	158	320	717	1008	946	3251
	9	58	76	211	403	577	573	1898
	10	35	45	130	270	359	393	1232

 Operational Decay Rate: -0.45786 1/min⁻¹
 Standard Deviation: 0.0039 1/min⁻¹
 Coefficient of Determination 0.9994

CADR:	319.3	Cubic feet / min
CADR:	542.5	Cubic meters / hr

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525C2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 13 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)

 Temperature: 23.1 - 22.9 C Relative Humidity: 40.2 - 35.5 %
 Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
 Contaminant Source: GREER

Description of Cleaner: Aeris Aair 3-in-1 Pro Air Purifier	Description of Filter: Multi-layered Pleated Filter Element
S/N: 110000061	Filter S/N: 301001127
IBR Cleaner ID: 20525-18	IBR Filter ID: 20525-36
Power: 120 VAC / 60 Hz	Flow: High (6)
Date Samples Received: 17 Feb 2020	Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Off- Background	1	9	1	6	10	12	10	48
	2	7	1	9	11	8	13	49
	3	4	2	3	9	11	9	38
	4	3	3	5	7	8	8	34
	5	1	2	4	7	5	9	28
	6	2	2	0	2	12	10	28
	7	0	2	8	4	9	13	36
	8	0	0	2	4	9	9	24
	9	1	0	2	6	8	8	25
	10	0	0	6	13	21	9	49
Test Purifier Power on	1	2040	2971	8844	17157	24249	25368	80629
	2	1271	1838	5411	11649	16196	16974	53339
	3	853	1293	3832	7592	10664	10506	34740
	4	546	670	2054	4417	6537	6818	21042
	5	338	423	1366	2845	4098	4272	13342
	6	227	240	899	1771	2598	2667	8402
	7	160	176	533	1124	1681	1663	5337
	8	93	139	352	747	1028	1005	3364
	9	48	103	227	445	631	699	2153
	10	30	56	120	291	411	416	1324

 Operational Decay Rate: -0.45881 1/min⁻¹
 Standard Deviation: 0.0023 1/min⁻¹
 Coefficient of Determination 0.9998

CADR:	320.2	Cubic feet / min
CADR:	544.0	Cubic meters / hr

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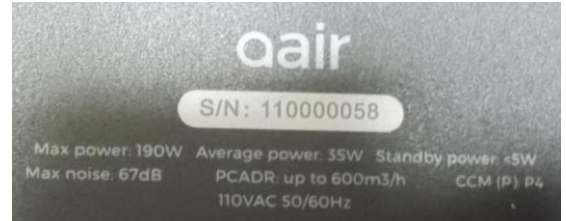
Performed By: MP

Data Location: MP237

IBR JN: 20525C2

Date: 13 May 2020

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)


IBR ID	Manufacturer	Model No.	Serial No.	Range	Cal. Due
AME-32	Visicomm Industries	2KSS6050/5060	7252	110/220VAC 50/60Hz	Set w/ Use
RH-210	Omega	OM-DVTH	421-0419-0059	10-90%/10-50C	1/10/2021
BAL-07	Mettler Toledo	AE50	N/A	0.5-50g	12/3/2020
AME-63	Accusplit	Pro Survivor 601X	none	0.1 sec- 24 hr	7/11/2022
AME-40	Yokogawa	WT210	91L220956	600VAC/20A/50-60Hz	12/28/2021
N/A	Hiac/Royco	5230	96050210	0.5-15 um	6/22/2020

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

Reviewed By:

Daniel R. Miller, Air Labs Manager

Revision	Editorial / Technical	Description	Approved By	Released By
		Initial release	DRM	5/17/2020

IBR JN: 20525A1

Performed for: Aeris Cleantech AG

Date: 08 May 2020

Location: Unknown

Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Smoke)

Temperature: 19.4 - 19.7 C

Relative Humidity: 36.8 - 38.1 %

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

Natural Decay-Smoke

Room Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Room Background	1	3120	0	0	0	0	0	3120
	2	2940	0	0	0	0	0	2940
	3	3000	0	0	0	0	0	3000
	4	2280	0	0	0	0	0	2280
	5	2700	0	0	0	0	0	2700
	6	2520	0	0	0	0	0	2520
	7	1920	0	0	0	0	0	1920
	8	2760	0	0	0	0	0	2760
	9	2580	0	0	0	0	0	2580
	10	2580	0	0	0	0	0	2580
Natural Decay	1	1849860	590160	104460	38760	6180	240	2589660
	2	1767420	562860	90660	34800	6000	240	2461980
	3	1767300	562980	94740	34860	6600	180	2466660
	4	1754280	556260	103680	31680	6960	180	2453040
	5	1739460	556560	96000	31380	6300	360	2430060
	6	1686900	531600	90780	33900	6900	120	2350200
	7	1679820	528240	90300	30360	6300	300	2335320
	8	1684680	523140	91620	31260	6540	180	2337420
	9	1656540	526980	93180	29940	6240	120	2313000
	10	1651920	528960	89640	29700	5280	240	2305740
11	1660200	515880	90180	28320	5220	120	2299920	
12	1646100	515880	94260	30720	6060	420	2293440	
13	1632300	519720	91500	29640	4620	180	2277960	
14	1622280	510360	90480	30000	5640	60	2258820	
15	1532760	489900	83520	29820	5580	420	2142000	
16	1533900	483480	84540	28860	6120	0	2136900	
17	1494720	478920	79860	30600	5100	240	2089440	
18	1459500	470940	81780	29100	6060	480	2047860	
19	1441680	469200	83100	26520	4800	180	2025480	
20	1456500	462780	84000	26940	4200	180	2034600	

Natural Decay Rate: -0.01182 1/min⁻¹
 Standard Deviation: 0.0007 1/min⁻¹
 Coefficient of Determination: 0.9443

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525A1

Performed for: Aeris Cleantech AG

Location: Unknown

Date: 08 May 2020

Contact: Pierre Bi

Description of Cleaner: Aeris Aair Lite Air Purifier
Description of Filter: Radial-pleat pre-motor, radial-pleat post-motor

S/N: US2019000419

Pre-motor Filter ID: 20525-1-2

IBR Cleaner ID: 20525-1

Post-motor Filter ID: 20525-1-1

Power: 120 VAC / 60 Hz

Fan Speed: High (5)

Date Samples Received: 17 Feb 20

Sample Source: AAA Trans World Express Jamaica, NY

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

	Before Test	After Test
Relative Humidity (%)	39.3	38.7
Temperature (°C)	19.7	19.5

Purifier Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Off	1	2940	60	0	0	0	0	3000
	2	2520	0	0	0	0	0	2520
	3	2160	0	0	0	0	0	2160
	4	2280	0	0	0	0	0	2280
	5	2520	0	0	0	0	0	2520
	6	2400	0	0	0	0	0	2400
	7	2520	0	0	0	0	0	2520
	8	2760	0	0	0	0	0	2760
	9	2520	0	0	0	0	60	2580
	10	2400	0	0	0	0	0	2400
On	1	2068680	531120	90540	25020	2640	60	2718060
	2	1677240	426120	64620	18780	1800	60	2188620
	3	1427520	350460	56700	16920	2280	60	1853940
	4	1062180	257580	37860	12360	1320	0	1371300
	5	819060	196800	30420	8580	660	0	1055520
	6	726720	173280	25020	6300	960	0	932280
	7	559260	134220	20340	6120	780	0	720720
	8	444300	106320	14580	4920	600	0	570720
	9	349260	73800	10980	3060	420	0	437520
	10	297240	58500	9060	3360	420	60	368640
	11	217560	45780	4380	1740	120	0	269580
	12	191040	39240	4440	1500	180	0	236400
	13	160140	31560	3900	780	300	0	196680
	14	132720	24000	4320	1080	60	0	162180
	15	124320	20940	2280	300	180	0	148020
	16	102600	15900	2340	360	180	0	121380
	17	99180	11940	2220	60	60	0	113460
	18	94440	11820	960	180	60	0	107460
	19	92280	10260	1080	360	0	60	104040
20	83880	8580	1380	360	0	0	94200	

 Operational Decay Rate: -0.18743 1/min⁻¹
 Standard Deviation: 0.0069 1/min⁻¹
 Coefficient of Determination: 0.9791

CADR: 167.2 Cubic feet / min
CADR: 284.0 Cubic meters / hr
Suggested room size: 259.1 sqft
24.1 sqm

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525A1

Performed for: Aeris Cleantech AG

Date: 08 May 2020

Location: Unknown

Contact: Pierre Bi

Description of Cleaner: Aeris Air Lite Air Purifier
Description of Filter: Radial-pleat pre-motor, radial-pleat post-motor

S/N: US2019000426

Pre-motor Filter ID: 20525-2-2

IBR Cleaner ID: 20525-2

Post-motor Filter ID: 20525-2-1

Power: 120 VAC / 60 Hz

Fan Speed: High (5)

Date Samples Received: 17 Feb 20

Sample Source: AAA Trans World Express Jamaica, NY

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

	Before Test	After Test
Relative Humidity (%)	40.1	40.2
Temperature (°C)	19.2	19.6

Purifier Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Off	1	2760	120	0	0	0	0	2880
	2	2520	120	0	0	0	0	2640
	3	2400	120	0	0	0	0	2520
	4	2640	60	0	0	0	0	2700
	5	2400	60	0	0	0	0	2460
	6	2280	60	0	0	0	0	2340
	7	2340	60	0	60	0	0	2460
	8	2580	60	0	0	0	0	2640
	9	2700	60	0	0	0	0	2760
	10	2100	420	60	60	0	0	2640
On	1	1861380	525540	92940	37380	5100	120	2522460
	2	1562940	424740	81900	24180	3420	120	2097300
	3	1183320	313980	57540	18540	2880	0	1576260
	4	952260	253620	44700	17040	2280	60	1269960
	5	765180	190920	34320	12240	1680	0	1004340
	6	636000	167160	29880	8460	1860	0	843360
	7	521220	134880	24420	6840	720	60	688140
	8	438360	113280	18660	6420	1080	0	577800
	9	344460	84900	13560	5100	1020	0	449040
	10	271140	68340	12180	3120	540	0	355320
11	224520	53640	8580	2520	600	0	289860	
12	186420	44520	7320	2580	240	0	241080	
13	164580	39960	5880	2100	420	0	212940	
14	145980	35700	4560	1620	420	0	188280	
15	126120	28380	4920	1020	360	0	160800	
16	113580	25260	4380	1440	300	60	145020	
17	98580	21960	4080	840	240	60	125760	
18	83100	17820	3360	540	60	0	104880	
19	72060	13980	3120	660	120	0	89940	
20	66960	13740	1920	360	120	0	83100	

 Operational Decay Rate: -0.18178 1/min⁻¹
 Standard Deviation: 0.0042
 Coefficient of Determination: 0.9921 1/min⁻¹
CADR: 173.7 Cubic feet / min
CADR: 295.2 Cubic meters / hr
Suggested room size: 269.3 sqft
25.0 sqm

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

IBR JN: 20525A1

Performed for: Aeris Cleantech AG

Date: 11 May 2020

Location: Unknown

Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Smoke)

Temperature: 19.4 - 19.7 C

Relative Humidity: 36.8 - 38.1 %

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

Natural Decay-Smoke

Room Status	Time (min)	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Room Background	1	3120	0	0	0	0	0	3120
	2	2940	0	0	0	0	0	2940
	3	3000	0	0	0	0	0	3000
	4	2280	0	0	0	0	0	2280
	5	2700	0	0	0	0	0	2700
	6	2520	0	0	0	0	0	2520
	7	1920	0	0	0	0	0	1920
	8	2760	0	0	0	0	0	2760
	9	2580	0	0	0	0	0	2580
	10	2580	0	0	0	0	0	2580
Natural Decay	1	1849860	590160	104460	38760	6180	240	2589660
	2	1767420	562860	90660	34800	6000	240	2461980
	3	1767300	562980	94740	34860	6600	180	2466660
	4	1754280	556260	103680	31680	6960	180	2453040
	5	1739460	556560	96000	31380	6300	360	2430060
	6	1686900	531600	90780	33900	6900	120	2350200
	7	1679820	528240	90300	30360	6300	300	2335320
	8	1684680	523140	91620	31260	6540	180	2337420
	9	1656540	526980	93180	29940	6240	120	2313000
	10	1651920	528960	89640	29700	5280	240	2305740
11	1660200	515880	90180	28320	5220	120	2299920	
12	1646100	515880	94260	30720	6060	420	2293440	
13	1632300	519720	91500	29640	4620	180	2277960	
14	1622280	510360	90480	30000	5640	60	2258820	
15	1532760	489900	83520	29820	5580	420	2142000	
16	1533900	483480	84540	28860	6120	0	2136900	
17	1494720	478920	79860	30600	5100	240	2089440	
18	1459500	470940	81780	29100	6060	480	2047860	
19	1441680	469200	83100	26520	4800	180	2025480	
20	1456500	462780	84000	26940	4200	180	2034600	

 Natural Decay Rate: -0.01095 1/min⁻¹

 Standard Deviation: 0.0004 1/min⁻¹

Coefficient of Determination: 0.9750

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525A1

Performed for: Aeris Cleantech AG

Date: 11 May 2020

Location: Unknown

Contact: Pierre Bi

Description of Cleaner: Aeris Air Lite Air Purifier
Description of Filter: Radial-pleat pre-motor, radial-pleat post-motor

S/N: US2019000456

Pre-motor Filter ID: 20525-3-2

IBR Cleaner ID: 20525-3

Post-motor Filter ID: 20525-3-1

Power: 120 VAC / 60 Hz

Fan Speed: High (5)

Date Samples Received: 17 Feb 20

Sample Source: AAA Trans World Express Jamaica, NY

Contaminant: Cigarette Smoke

Contaminant Source: Research Cigarettes - University of Kentucky, Code: 3R4F-12/2006

	Before Test	After Test
Relative Humidity (%)	38.9	38.7
Temperature (°C)	20.7	20.9

Purifier Status	Time mins	Particles / 94cc at: (in microns)						Total
		0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	
Off	1	2220	420	60	0	0	0	2,700
	2	2160	420	60	0	0	0	2,640
	3	2280	240	60	60	0	0	2,640
	4	2460	240	60	0	0	0	2,760
	5	2700	240	0	0	0	0	2,940
	6	2880	180	60	0	0	0	3,120
	7	2700	180	60	0	0	0	2,940
	8	2340	120	0	0	0	0	2,460
	9	2520	120	0	0	0	0	2,640
	10	2280	60	0	0	0	0	2,340
On	1	2096700	583380	107700	37320	4740	180	1,375,320
	2	1630740	440100	78840	26340	4500	300	3,385,440
	3	1332960	357840	63420	20280	3120	60	5,514,660
	4	991500	257400	46320	14880	2100	0	4,646,580
	5	825540	210180	38700	12360	1380	120	3,656,760
	6	654660	167520	30000	9060	1440	300	2,830,020
	7	558780	143880	24840	7980	1320	120	2,180,820
	8	482100	121320	22020	6180	540	60	1,777,680
	9	403320	99240	18240	6420	1020	60	1,312,200
	10	343200	84180	13860	4140	600	60	1,088,280
11	262980	67860	12600	3960	720	0	862,980	
12	242940	56820	9780	3900	540	60	736,920	
13	193800	46620	8160	2460	720	0	632,220	
14	179640	43440	7440	2640	900	60	528,300	
15	134340	32700	4440	1800	240	0	446,040	
16	126480	31320	4560	2580	600	0	348,120	
17	112920	25560	4800	2160	420	60	314,040	
18	107940	25080	4200	2280	120	60	251,760	
19	94860	22500	3360	1800	540	60	234,120	
20	79020	19740	3180	1380	600	0	173,520	

 Operational Decay Rate: -0.17162 1/min⁻¹
 Standard Deviation: 0.0049
 Coefficient of Determination: 0.9862 1/min⁻¹
CADR: 163.8 Cubic feet / min
CADR: 278.2 Cubic meters / hr
Suggested room size: 253.8 sqft
23.6 sqm

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

IBR JN: 20525A1

Date: 08-11 May 2020

Performed for: Aeris Cleantech AG

Location: Unknown

Contact: Pierre Bi



IBR ID	Manufacturer	Model No.	Serial No.	Range	Cal. Due
AME-32	Visicomm Industries	2KSS6050/5060	7252	110/220VAC 50/60Hz	Set w/ Use
RH-210	Omega	OM-DVTH	421-0419-0059	10-90%/10-50C	10-Jan-2021
BAL-07	Mettler Toledo	AE50	N/A	0.5-50g	3-Dec-2020
AME-63	Accusplit	Pro Survivor 601X	none	0.1 sec- 24 hr	11-Jul-2022
AME-40	Yokogawa	WT210	91L220956	600VAC/20A/50-60Hz	28-Dec-2021
N/A	Lasair	1001	32750-1094-221	0.1-2.0 µm	29-Jun-2020

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

Reviewed by:

Daniel R. Miller, Air Labs Manager

Revision	Editorial / Technical	Description	Approved By	Release Date
		Initial Release	DRM	5/17/2020

IBR JN: 20525C2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 13 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)

 Temperature: 21.3 - 21.7 C Relative Humidity: 37.9 - 35.7 %
 Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
 Contaminant Source: GREER

Natural Decay-Pollen

Room Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Room Background	1	17	10	3	7	6	3	46
	2	14	14	6	1	1	2	38
	3	10	9	2	4	2	0	27
	4	14	3	3	2	4	2	28
	5	12	4	6	4	5	9	40
	6	16	2	0	1	1	7	27
	7	9	3	3	0	2	2	19
	8	11	6	0	3	0	0	20
	9	3	1	0	0	1	0	5
	10	3	1	1	1	2	0	8
Natural Decay	1	6964	4003	6221	12181	20141	24919	74429
	2	7047	3766	5715	10904	18285	22466	68183
	3	6760	3495	4993	9655	16101	20029	61033
	4	6469	3155	4294	8356	13706	18627	54607
	5	6119	2912	3885	7400	12434	15322	48072
	6	5536	2669	3521	6630	11174	13606	43136
	7	5347	2467	3025	5877	9582	11849	38147
	8	4684	2223	2783	4952	8246	9876	32764
	9	4413	2022	2483	4415	7323	8939	29595
	10	4001	1793	2068	3855	6305	7540	25562

 Natural Decay Rate: -0.12248 1/min⁻¹
 Standard Deviation: 0.0018 1/min⁻¹
 Coefficient of Determination 0.9985

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525C2Performed for: Aeris
Location: Switzerland
Contact: Pierre Bi

Date: 13 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)Temperature: 22.9 - 22.7 C Relative Humidity: 39.8 - 39.5 %
Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
Contaminant Source: GREER**Description of Cleaner: Aeris Aair Lite Air Purifier Description of Filter: Radial-pleat pre-motor, radial-pleat post-motor**S/N: US2019000419 Pre-motor Filter ID: 20525-13
IBR Cleaner ID: 20525-1 Post-motor Filter ID: 20525-7
Power: 120 VAC / 60 Hz Flow: High (5)
Date Samples Received: 17 Feb 2020 Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Off- Background	1	4	2	13	18	18	13	68
	2	3	3	7	18	22	19	72
	3	1	3	4	15	17	18	58
	4	2	1	3	3	13	3	25
	5	1	2	4	9	7	11	34
	6	5	4	5	7	6	8	35
	7	11	7	7	5	13	12	55
	8	3	2	1	4	4	8	22
	9	1	0	4	7	6	4	22
	10	1	0	2	3	7	2	15
Test Purifier Power on	1	1975	3530	10063	19381	24559	23426	82934
	2	1414	2491	7216	13995	17682	16867	59665
	3	1042	1664	4883	9874	13357	12979	43799
	4	746	1217	3522	7127	9612	9377	31601
	5	581	886	2573	5286	7009	6750	23085
	6	417	644	1999	3954	5448	4983	17445
	7	313	498	1395	2869	3832	3661	12568
	8	237	360	1064	2112	2797	2584	9154
	9	212	240	770	1514	2010	1875	6621
	10	152	201	541	1106	1478	1516	4994

Operational Decay Rate: -0.31243 1/min⁻¹
Standard Deviation: 0.0014 1/min⁻¹
Coefficient of Determination 0.9998**CADR: 180.8 Cubic feet / min**
CADR: 307.2 Cubic meters / hrNotice: These data relate only to the samples tested. This report may be copied only in its entirety.
Performed By: MP Data Location: MP237

IBR JN: 20525C2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 13 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)

 Temperature: 21.3 - 21.7 C Relative Humidity: 37.9 - 35.7 %
 Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
 Contaminant Source: GREER

Natural Decay-Pollen

Room Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Room Background	1	17	10	3	7	6	3	46
	2	14	14	6	1	1	2	38
	3	10	9	2	4	2	0	27
	4	14	3	3	2	4	2	28
	5	12	4	6	4	5	9	40
	6	16	2	0	1	1	7	27
	7	9	3	3	0	2	2	19
	8	11	6	0	3	0	0	20
	9	3	1	0	0	1	0	5
	10	3	1	1	1	2	0	8
Natural Decay	1	6964	4003	6221	12181	20141	24919	74429
	2	7047	3766	5715	10904	18285	22466	68183
	3	6760	3495	4993	9655	16101	20029	61033
	4	6469	3155	4294	8356	13706	18627	54607
	5	6119	2912	3885	7400	12434	15322	48072
	6	5536	2669	3521	6630	11174	13606	43136
	7	5347	2467	3025	5877	9582	11849	38147
	8	4684	2223	2783	4952	8246	9876	32764
	9	4413	2022	2483	4415	7323	8939	29595
	10	4001	1793	2068	3855	6305	7540	25562

 Natural Decay Rate: -0.13252 1/min⁻¹
 Standard Deviation: 0.0018 1/min⁻¹
 Coefficient of Determination 0.9985

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525C2

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 13 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)

 Temperature: 20.5 - 20.6 C Relative Humidity: 46.2 - 47.6 %
 Contaminant: Paper Mulberry Pollen, PN RM113D, Lot P4773535, Non-defatted
 Contaminant Source: GREER

Description of Cleaner: Aeris Aair Lite Air Purifier Description of Filter: Radial-pleat pre-motor, radial-pleat post-motor

 S/N: US2019000456 Pre-motor Filter ID: 20525-15
 IBR Cleaner ID: 20525-3 Post-motor Filter ID: 20525-9
 Power: 120 VAC / 60 Hz Flow: High (5)
 Date Samples Received: 17 Feb 2020 Sample Source: AAA Trans World Express Jamaica, NY

Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)						Total
		5.0-6.0	6.0-7.0	7.0-8.0	8.0-9.0	9.0-10.0	10.0-11.0	
Off- Background	1	3	6	19	23	38	33	122
	2	7	7	15	17	22	35	103
	3	8	9	18	15	22	28	100
	4	8	9	10	13	11	25	76
	5	8	5	7	16	14	20	70
	6	5	0	6	20	15	26	72
	7	5	1	12	24	28	28	98
	8	5	5	3	9	16	16	54
	9	3	5	6	23	13	21	71
	10	5	5	6	13	18	16	63
Test Purifier Power on	1	1927	2804	7682	16142	24170	26992	79717
	2	1347	1865	5181	11318	17555	19395	56661
	3	956	1328	3692	8178	12461	14137	40752
	4	676	915	2788	6140	9515	10505	30539
	5	540	743	2041	4692	7066	7749	22831
	6	396	533	1458	3318	5071	5467	16243
	7	317	421	1143	2462	3837	4226	12406
	8	250	376	994	2093	2974	2979	9666
	9	172	273	767	1540	2164	2202	7118
	10	123	168	465	1013	1511	1527	4807

 Operational Decay Rate: -0.30022 1/min⁻¹
 Standard Deviation: 0.0044 1/min⁻¹
 Coefficient of Determination 0.9985

CADR: 159.7 Cubic feet / min
CADR: 271.2 Cubic meters / hr

 Notice: These data relate only to the samples tested. This report may be copied only in its entirety.
 Performed By: MP Data Location: MP237

IBR JN: 20525C2

Date: 13 May 2020

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2019 (Pollen)


IBR ID	Manufacturer	Model No.	Serial No.	Range	Cal. Due
AME-32	Visicomm Industries	2KSS6050/5060	7252	110/220VAC 50/60Hz	Set w/ Use
RH-210	Omega	OM-DVTH	421-0419-0059	10-90%/10-50C	1/10/2021
BAL-07	Mettler Toledo	AE50	N/A	0.5-50g	12/3/2020
AME-63	Accusplit	Pro Survivor 601X	none	0.1 sec- 24 hr	7/11/2022
AME-40	Yokogawa	WT210	91L220956	600VAC/20A/50-60Hz	12/28/2021
N/A	Hiac/Royco	5230	96050210	0.5-15 um	6/22/2020

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

Reviewed By:

Daniel R. Miller, Air Labs Manager

Revision	Editorial / Technical	Description	Approved By	Released By
		Initial release	DRM	5/17/2020

IBR JN: 20525B1

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 11 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 20.5 - 20.8 °C Relative Humidity: 39.7 - 39.6 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Natural Decay-Dust

Room Status	Time (min)	Particles / 0.33 ft ³ at: (in microns)							Total
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	
Room Background	1	160	80	0	0	0	0	0	240
	2	160	0	0	0	0	40	0	200
	3	120	40	0	0	40	0	0	200
	4	80	80	0	0	0	0	0	160
	5	80	0	0	0	0	0	0	80
	6	0	0	0	0	0	0	0	0
	7	40	0	0	0	0	0	0	40
	8	40	0	40	0	40	0	0	120
	9	0	0	0	0	0	40	0	40
	10	0	40	0	0	0	0	0	40
Natural Decay	1	701280	531160	290440	140040	76760	789600	382400	2911680
	2	713120	532280	285600	142880	76520	799640	397800	2947840
	3	711000	526960	282880	139360	75440	783280	381160	2900080
	4	700160	521960	284640	139960	77560	787600	378360	2890240
	5	693920	518280	281280	136160	75480	772320	372920	2850360
	6	696160	526640	284640	139600	74480	772000	361520	2855040
	7	691120	520520	277240	140440	75160	756800	357880	2819160
	8	684920	509520	281560	135040	74280	760360	366000	2811680
	9	685200	510200	274480	136920	74560	735480	337480	2754320
	10	697000	525320	280520	136280	71960	747480	332040	2790600
	11	688600	514880	280720	132800	72480	734400	335160	2759040
	12	687760	510080	272080	128800	68200	713440	319160	2699520
	13	692440	510520	273120	131600	73000	735480	324920	2741080
	14	680600	512160	274000	132640	72520	730080	320440	2722440
	15	687760	514640	269240	136000	69120	719640	308160	2704560
	16	674720	504960	273600	131160	68800	725880	314800	2693920
	17	684040	505640	271480	131800	69960	709760	302760	2675440
	18	672680	509040	271200	128920	70160	705280	295400	2652680
	19	669280	512240	268240	129960	68840	703680	302600	2654840
	20	676360	509320	268560	124600	67880	696240	275920	2618880

 Natural Decay Rate: -0.00562 1/min⁻¹
 Standard Deviation: 0.0002 1/min⁻¹
 Coefficient of Determination: 0.9723

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: MP

Data Location: MP237

IBR JN: 20525B1

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 11 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 20.8 - 20.6 °C Relative Humidity: 39.6 - 38.8 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Description of Cleaner: Aeris Aair Purifier, US-110VAC-Pink S/N : US2019000419 IBR Cleaner ID: 20525-1 Power: 120 VAC / 60 Hz Date Samples Received: 17 Feb 2020	Description of Filter: Radial-pleated pre-motor filter, radial-pleated final filter Pre-motor Filter ID: 20525-10 Post-motor Filter ID: 20525-4 Flow: High (5) Sample Source: AAA Trans World Express Jamaica, NY
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Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)							Total
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	
Off- background	1	120	120	80	0	0	80	40	440
	2	200	80	0	0	0	40	0	320
	3	120	80	0	0	0	80	40	320
	4	120	0	40	0	0	80	0	240
	5	120	0	40	0	0	80	40	280
	6	80	40	40	0	0	0	0	160
	7	40	80	40	0	0	0	40	200
	8	80	80	0	0	0	80	40	280
	9	80	0	40	0	0	80	0	200
	10	200	80	80	0	0	200	80	640
Test Purifier Power on	1	614920	459920	248040	120560	64720	690120	340520	2538800
	2	513000	386080	204960	99040	51840	539920	256600	2051440
	3	433960	323320	174680	83920	45840	454080	207800	1723600
	4	366000	279400	144080	69720	35640	371240	170640	1436720
	5	306240	232600	121840	57760	33880	327720	152880	1232920
	6	258560	196600	101720	48360	27040	268800	118400	1019480
	7	213240	159840	82600	39680	21400	225360	93880	836000
	8	181640	135160	72400	35320	18240	188080	83920	714760
	9	153080	112640	60080	27920	15040	158160	71880	598800
	10	125240	92280	50600	23800	12320	131800	57520	493560
	11	104800	78200	41120	18480	11080	109120	47280	410080
	12	89440	63040	34840	16680	9880	91120	44240	349240
	13	75120	52840	27160	12920	6480	73440	33160	281120
	14	57720	45720	23960	12120	6880	62720	27360	236480
15	50760	36280	19560	10120	5960	51000	22720	196400	
16	41480	29240	16560	7480	4040	39880	17240	155920	
17	35000	25280	13600	6480	4000	35040	14000	133400	
18	28640	20920	11880	5320	3000	27400	11880	109040	
19	23160	18600	9880	4760	2600	24840	11000	94840	
20	22320	15960	8840	3400	2040	20680	10000	83240	

 Operational Decay Rate: -0.18209 1/min⁻¹
 Standard Deviation: 0.0010 1/min⁻¹
 Coefficient of Determination: 0.9995

CADR:	168.0	Cubic feet / min
CADR:	285.4	Cubic meters / hr

 Notice: These data relate only to the samples tested. This report may be copied only in its entirety.
 Performed By: MP Data Location: MP237

IBR JN: 20525B1

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 12 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 21.1 - 21.2 °C Relative Humidity: 36.2 - 38.5 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Natural Decay-Dust

Room Status	Time (min)	Particles / 0.33 ft3 at: (in microns)							Total
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	
Room Background	1	160	80	0	0	0	0	0	240
	2	160	0	0	0	0	40	0	200
	3	120	40	0	0	40	0	0	200
	4	80	80	0	0	0	0	0	160
	5	80	0	0	0	0	0	0	80
	6	0	0	0	0	0	0	0	0
	7	40	0	0	0	0	0	0	40
	8	40	0	40	0	40	0	0	120
	9	0	0	0	0	0	40	0	40
	10	0	40	0	0	0	0	0	40
Natural Decay	1	701280	531160	290440	140040	76760	789600	382400	2911680
	2	713120	532280	285600	142880	76520	799640	397800	2947840
	3	711000	526960	282880	139360	75440	783280	381160	2900080
	4	700160	521960	284640	139960	77560	787600	378360	2890240
	5	693920	518280	281280	136160	75480	772320	372920	2850360
	6	696160	526640	284640	139600	74480	772000	361520	2855040
	7	691120	520520	277240	140440	75160	756800	357880	2819160
	8	684920	509520	281560	135040	74280	760360	366000	2811680
	9	685200	510200	274480	136920	74560	735480	337480	2754320
	10	697000	525320	280520	136280	71960	747480	332040	2790600
	11	688600	514880	280720	132800	72480	734400	335160	2759040
	12	687760	510080	272080	128800	68200	713440	319160	2699520
	13	692440	510520	273120	131600	73000	735480	324920	2741080
	14	680600	512160	274000	132640	72520	730080	320440	2722440
	15	687760	514640	269240	136000	69120	719640	308160	2704560
	16	674720	504960	273600	131160	68800	725880	314800	2693920
	17	684040	505640	271480	131800	69960	709760	302760	2675440
	18	672680	509040	271200	128920	70160	705280	295400	2652680
	19	669280	512240	268240	129960	68840	703680	302600	2654840
	20	676360	509320	268560	124600	67880	696240	275920	2618880

 Natural Decay Rate: -0.01126 1/min⁻¹
 Standard Deviation: 0.0001 1/min⁻¹
 Coefficient of Determination: 0.9971

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Performed By: MP

Data Location: MP237

IBR JN: 20525B1

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Date: 12 May 2020

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)

 Temperature: 21 - 21 °C Relative Humidity: 39.8 - 40.5 %
 Challenge: ISO 12103-1, A2 Fine Test Dust
 Challenge Source: Powder Technology Inc

Description of Cleaner: Aeris Aair Purifier, US-110VAC-Pink S/N : US2019000419 IBR Cleaner ID: 20525-3 Power: 120 VAC / 60 Hz Date Samples Received: 17 Feb 2020	Description of Filter: Radial-pleated pre-motor filter, radial-pleated final filter Pre-motor Filter ID: 20525-10 Post-motor Filter ID: 20525-4 Flow: High (5) Sample Source: AAA Trans World Express Jamaica, NY
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Purifier Status	Time (min)	Particles / 0.33 ft3 at: (in microns)							
		0.5-0.6	0.6-0.7	0.7-0.8	0.8-0.9	0.9-1.0	1.0-2.0	2.0-3.0	Total
Off- background	1	0	160	0	0	0	0	40	200
	2	40	40	0	0	0	40	40	160
	3	80	40	40	0	0	0	0	160
	4	40	40	40	40	0	0	40	200
	5	0	0	0	40	0	40	0	80
	6	0	0	0	0	0	40	40	80
	7	0	0	0	0	0	80	0	80
	8	80	0	0	0	0	40	40	160
	9	0	0	40	0	0	40	40	120
	10	80	40	0	0	0	80	0	200
Test Purifier Power on	1	820000	632680	343800	168640	92720	997040	517280	3572160
	2	709520	534160	295720	143720	77480	835120	429240	3024960
	3	601840	447080	247840	118560	65240	684640	341880	2507080
	4	497120	374360	203600	101360	54840	572640	279680	2083600
	5	416120	320280	172080	82920	45280	483200	230440	1750320
	6	349840	263560	140880	69240	37400	389560	188240	1438720
	7	294800	219920	114480	57560	31400	324160	154680	1197000
	8	245920	184200	96320	46440	24760	267320	124440	989400
	9	199320	156440	79080	40360	21160	226320	100480	823160
	10	165120	124520	67040	30240	17200	177240	80600	661960
11	139840	105160	55560	28440	15080	149720	68720	562520	
12	116040	86280	44720	23000	11600	123880	52800	458320	
13	93640	69560	39240	18720	9880	100360	42560	373960	
14	78440	56600	31360	14200	8040	85440	37320	311400	
15	64120	48400	25120	13480	7560	68920	29760	257360	
16	56000	41200	22520	10480	5920	56200	24560	216880	
17	46840	33480	17320	8760	4000	45800	20440	176640	
18	37760	28800	14200	7040	3520	40600	14840	146760	
19	31640	24320	12560	5240	3480	30760	14000	122000	
20	27240	18640	9840	5800	2520	24520	10200	98760	

 Operational Decay Rate: -0.19004 1/min⁻¹
 Standard Deviation: 0.0004 1/min⁻¹
 Coefficient of Determination: 0.9999

CADR:	170.2	Cubic feet / min
CADR:	289.2	Cubic meters / hr

 Notice: These data relate only to the samples tested. This report may be copied only in its entirety.
 Performed By: MP Data Location: MP237

IBR JN: 20525B1

Date: 11 May 2020

 Performed for: Aeris
 Location: Switzerland
 Contact: Pierre Bi

Test Method: Room Air Cleaner Performance per AHAM AC-1-2015 (Dust)


IBR ID	Manufacturer	Model No.	Serial No.	Range	Cal. Due
AME-32	Visicomm Industries	2KSS6050/5060	7252	110/220VAC 50/60Hz	Set w/ Use
RH-210	Omega	OM-DVTH	421-0419-0059	10-90%/10-50C	10-Jan-2021
BAL-07	Mettler Toledo	AE50	N/A	0.5-50g	3-Dec-2020
AME-63	Accusplit	Pro Survivor 601X	none	0.1 sec- 24 hr	11-Jul-2022
AME-40	Yokogawa	WT210	91L220956	600VAC/20A/50-60Hz	28-Dec-2021
N/A	Hiac/Royco	5230	96050210	0.5-15 um	22-Jun-2020

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Performed By: MP

Data Location: MP237

Reviewed By: _____

Daniel R. Miller, Air Labs Manager

Revision	Editorial / Technical	Description	Approved By	Release Date
			DRM	5/17/2020