

The following is a partial list of airborne pathogens. To help put all this in perspective - look at the *Disease* column and the *DIA Microns* column. **IQAir®** will **guarantee** that they will filter out at least 99% of everything on this list (everything larger than 0.3 microns will be filtered at 99.97%). As for other air filtration systems - well, we've been proven to be 100 times more efficient.

LIST OF AIRBORNE PATHOGENS, INCLUDING ALLERGENIC, TOXIGENIC, AND SUSPECTED RESPIRATORY AND NON-RESPIRATORY PATHOGENS

Airborne Pathogen	Group	Disease	Status	Source	DIA microns
Parvovirus B19	VIRUS	fifth disease, anemia	Contagious	Humans	0.022
Rhinovirus	VIRUS	colds	Contagious	Humans	0.023
Coxsackievirus	VIRUS	colds	Contagious	Humans	0.027
Echovirus	VIRUS	colds	Contagious	Humans	0.028
Hantavirus	VIRUS	Hantavirus	Non	Rodents	0.060
Togavirus	VIRUS	Rubella (German measles)	Contagious	Humans	0.063
Reovirus	VIRUS	colds	Contagious	Humans	0.075
Adenovirus	VIRUS	colds	Contagious	Humans	0.080
Orthomyxovirus - Influenza	VIRUS	flu	Contagious	Humans, birds	0.10
Coronavirus	VIRUS	colds	Contagious	Humans	0.11
Morbillivirus	VIRUS	measles (rubeola)	Contagious	Humans	0.12
Varicella-zoster	VIRUS	chickenpox	Contagious	Humans	0.16
Arenavirus - Junin	VIRUS	hemorrhagic fever	Contagious	rodents	0.18
Arenavirus - Machupo	VIRUS	hemorrhagic fever	Contagious	rodents	0.18
Arenavirus - Lassa	VIRUS	Lassa fever	Contagious	rodents	0.18

Filovirus - Marburg	VIRUS	hemorrhagic fever	Contagious	rodents	0.18
Parainfluenza	VIRUS	flu	Contagious	Humans	0.22
Respiratory Syncytial Virus	VIRUS	pneumonia	Contagious	Humans	0.22
Poxvirus - Variola	VIRUS	smallpox (extinct)	Contagious	Humans	0.23
Poxvirus - Vaccinia	VIRUS	cowpox	Non	Agricultural	0.23
Monkeypox	VIRUS	monkeypox	Contagious	Monkeys	0.23
Paramyxovirus	VIRUS	mumps	Contagious	Humans	0.23
Francisella tularensis	BACTERIA	tularemia	Non	wild animals	0.20
Bordetella pertussis	BACTERIA	whooping cough	Contagious	Humans	0.25
Mycoplasma pneumoniae	BACTERIA	pneumonia	Contagious	Humans	0.25
Chlamydia pneumoniae	BACTERIA	pneumonia, bronchitis	Contagious	Humans	0.30
Chlamydia psittaci	BACTERIA	psittacosis	Non	Birds	0.30
Klebsiella pneumoniae	BACTERIA	opportunistic infections	Endogenous	Environmental	0.40
Haemophilus influenzae	BACTERIA	meningitis	Contagious	Humans	0.43
Coxiella burnetii	BACTERIA	Q Fever	Non	Cattle, sheep	0.50
Pseudomonas aeruginosa	BACTERIA	opportunistic infections	Contagious	Environmental	0.57
Pseudomonas pseudomallei	BACTERIA	opportunistic infections	Non	Environmental	0.57
Actinomyces israelii	BACTERIA	actinomycosis	Endogenous	Humans	0.60
Legionella parisiensis	BACTERIA	pneumonia(?)	Non	Environmental	0.60
Legionella pneumophila	BACTERIA	LD, Pontiac fever	Non	Environmental	0.60

Cardiobacterium	BACTERIA	opportunistic infections	Endogenous	Humans	0.63
Alkaligenes	BACTERIA	opportunistic infections	Endogenous	Humans	0.75
Yersinia pestis	BACTERIA	pneumonic plague	Contagious	Rodents	0.75
Pseudomonas cepacia	BACTERIA	nonrespiratory airborne(?)	Non	Environmental	0.77
Pseudomonas mallei	BACTERIA	opportunistic infections	Non	Environmental	0.77
Enterobacter cloacae	BACTERIA	nonrespiratory airborne(?)	Contagious	Humans	0.80
Enterococcus	BACTERIA	nonrespiratory airborne(?)	Contagious	Humans	0.80
Neisseria meningitidis	BACTERIA	meningitis	Endogenous	Humans	0.80
Streptococcus faecalis	BACTERIA	nonrespiratory airborne(?)	Contagious	Humans	0.80
Streptococcus pyogenes	BACTERIA	scarlet fever, pharyngitis	Contagious	Humans	0.80
Mycobacterium kansasii	BACTERIA	cavitary pulmonary	Non	unknown	0.86
Mycobacterium tuberculosis	BACTERIA	TB	Contagious	Humans	0.86
Streptococcus pneumoniae	BACTERIA	pneumonia, otitis media	Contagious	Humans	0.90
Staphylococcus aureus	BACTERIA	opportunistic infections	Endogenous	Humans	0.95
Staphylococcus epidermis	BACTERIA	nonrespiratory airborne(?)	Endogenous	Humans	0.95
Corynebacteria diphtheria	BACTERIA	diphtheria	Contagious	Humans	1.00
Clostridium tetani	BACTERIA	nonrespiratory airborne(?)	Non	Environmental	1.00
Haemophilus parainfluenzae	BACTERIA	opportunistic infections	Endogenous	Humans	1.00
Moraxella lacunata	BACTERIA	opportunistic infections	Endogenous	Humans	1.00
Bacillus anthracis	BACTERIA	anthrax	Non	Cattle, sheep	1.13

Mycobacterium avium	BACTERIA	cavitary pulmonary	Non	Environmental	1.20
Mycobacterium intracellulare	BACTERIA	cavitary pulmonary	Non	Environmental	1.20
Acinetobacter	BACTERIA	opportunistic infections	Endogenous	Environmental	1.25
Moraxella catarrhalis	BACTERIA	opportunistic infections	Endogenous	Humans	1.25
Serratia marcescens	BACTERIA	opportunistic infections	Endogenous	Environmental	1.25
Saccharomonospora viridis	ACTINOMYCETES	Farmer's Lung	Non	Agricultural	0.60
Thermomonospora viridis	ACTINOMYCETES	Farmer's Lung, HP	Non	Agricultural	0.60
Micropolyspora faeni	ACTINOMYCETES	Farmer's Lung	Non	Agricultural	0.69
Thermoactinomyces sacchari	ACTINOMYCETES	bagassosis, HP	Non	Agricultural	0.70
Micromonospora faeni	ACTINOMYCETES	Farmer's Lung	Non	Agricultural	1.00
Thermoactinomyces vulgaris	ACTINOMYCETES	Farmer's Lung, HP	Non	Agricultural	1.00
Nocardia asteroides	ACTINOMYCETES	nocardiosis	Non	Environmental	1.14
Nocardia brasiliensis	ACTINOMYCETES	pulmonary mycetoma	Non	Environmental	1.50
Nocardia caviae	ACTINOMYCETES	nocardiosis	Non	Environmental	1.50
Phialophora parasitica	FUNGI	allergic alveolitis	Non	Environmental	1.50
Phialophora repens	FUNGI	allergic alveolitis	Non	Environmental	1.50
Exophiala jeanselmei	FUNGI	humidifier water	Non	Environmental	1.95
Phialophora hoffmannii	FUNGI	allergic alveolitis	Non	Environmental	2.00
Phialophora richardsiae	FUNGI	allergic alveolitis	Non	Environmental	2.00
Pneumocystis carinii	PROTOZOA	pneumocystosis	Non	Environmental	2.00

Phialaphora mutabilis	FUNGI	allergic alveolitis	Non	Environmental	2.15
Acremonium spp.	FUNGI	allergic alveolitis	Non	Environmental	2.50
Trichoderma harzianum	FUNGI	allergic alveolitis	Non	Environmental	2.65
Oidiodendron tenuissimum	FUNGI	allergic alveolitis	Non	Environmental	2.75
Geomyces pannorum	FUNGI	allergic alveolitis	Non	Environmental	3.00
Histoplasma capsulatum	FUNGI	histoplasmosis	Non	Environmental	3.00
Paecilomyces variotii	FUNGI	allergic alveolitis	Non	Environmental	3.00
Wallemia sebi	FUNGI	allergic alveolitis	Non	Environmental	3.00
Emericella nidulans	FUNGI	allergic alveolitis	Non	Environmental	3.25
Phoma spp.	FUNGI	allergic alveolitis	Non	Environmental	3.25
Penicillium brevicompactum	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium chrysogenum	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium citreonigrum	FUNGI	allergen(?)	Non	Environmental	3.30
Penicillium commune	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium corylophilum	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium cyclopium	FUNGI	allergen(?)	Non	Environmental	3.30
Penicillium expansum	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium freii	FUNGI	allergen(?)	Non	Environmental	3.30
Penicillium glabrum	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium hordei	FUNGI	allergen(?)	Non	Environmental	3.30

Penicillium olsonii	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium polonicum	FUNGI	allergic alveolitis	Non	Environmental	3.30
Penicillium rugulosum	FUNGI	allergen(?)	Non	Environmental	3.30
Penicillium solitum	FUNGI	allergen(?)	Non	Environmental	3.30
Aspergillus flavus	FUNGI	aspergillosis	Non	Environmental	3.50
Aspergillus fumigatus	FUNGI	aspergillosis	Non	Environmental	3.50
Aspergillus niger	FUNGI	aspergillosis	Non	Environmental	3.50
Aspergillus versicolor	FUNGI	aspergillosis	Non	Environmental	3.50
Absidia corymbifera	FUNGI	zygomycosis	Non	Environmental	3.75
Coccidioides immitis	FUNGI	coccidioidomycosis	Non	Environmental	4.00
Trichoderma viride	FUNGI	allergic alveolitis	Non	Environmental	4.05
Rhizomucor pusillus	FUNGI	allergic alveolitis	Non	Environmental	4.25
Aureobasidium pullulans	FUNGI	allergic alveolitis	Non	Environmental	5.00
Candida albicans	FUNGI	nonrespiratory airborne(?)	Non	Environmental	5.00
Chaetomium globosum	FUNGI	allergic alveolitis	Non	Environmental	5.50
Cryptococcus albidus	FUNGI	allergen(?)	Non	Environmental	5.50
Cryptococcus laurentii	FUNGI	allergen(?)	Non	Environmental	5.50
Cryptococcus neoformans	FUNGI	cryptococcosis	Non	Environmental	5.50
Stachybotris atra	FUNGI	allergic alveolitis	Non	Environmental	5.65

Stachybotris chartarum	FUNGI	allergic alveolitis	Non	Environmental	5.65
Eurotium amstelodami	FUNGI	allergic alveolitis	Non	Environmental	5.75
Eurotium herbariorum	FUNGI	allergic alveolitis	Non	Environmental	5.75
Eurotium rubrum	FUNGI	allergic alveolitis	Non	Environmental	5.75
Scopulariopsis brevicaulis	FUNGI	onychomycosis	Non	Environmental	6.00
Scopulariopsis fusca	FUNGI	onychomycosis	Non	Environmental	6.00
Sporothrix schenckii	FUNGI	sporotrichosis	Non	Environmental	6.50
Botrytis cinera	FUNGI	allergic alveolitis	Non	Environmental	7.00
Mucor plumbeus	FUNGI	mucormycosis	Non	Environmental	7.50
Rhizopus stolonifer	FUNGI	zygomycosis	Non	Environmental	8.00
Cladosporium cladosporioides	FUNGI	chromoblastomycosis	Non	Environmental	9.00
Cladosporium herbarum	FUNGI	chromoblastomycosis	Non	Environmental	9.00
Cladosporium sphaerospermum	FUNGI	chromoblastomycosis	Non	Environmental	9.00
Fusarium culmorum	FUNGI	allergic alveolitis	Non	Environmental	11.50
Fusarium graminearum	FUNGI	allergic alveolitis	Non	Environmental	11.50
Fusarium moniliforme	FUNGI	allergic alveolitis	Non	Environmental	11.50
Fusarium solani	FUNGI	allergic alveolitis	Non	Environmental	11.50
Fusarium sporotrichioides	FUNGI	allergic alveolitis	Non	Environmental	11.50
Helminthosporium	FUNGI	allergic alveolitis	Non	Environmental	12.47
Blastomyces dermatitidis	FUNGI	blastomycosis	Non	Environmental	14.00

Rhodoturula glutinus	FUNGI	allergic alveolitis	Non	Environmental	14.00
Rhodoturula minuta	FUNGI	allergic alveolitis	Non	Environmental	14.00
Rhodoturula mucilaginoso	FUNGI	allergic alveolitis	Non	Environmental	14.00
Alternaria alternata	FUNGI	allergic alveolitis	Non	Environmental	14.39
Ulocladium botrytis	FUNGI	allergic alveolitis	Non	Environmental	15.00
Ulocladium chartarum	FUNGI	allergic alveolitis	Non	Environmental	15.00
Paracoccidioides brasiliensis	FUNGI	paracoccidioidomycosis	Non	Environmental	18.25
Epicoccum nigrum	FUNGI	allergen(?)	Non	Environmental	20.00