IQAir Media Selection Chart for Gaseous Contaminant Control

Gaseous Contaminant	1st choice **The IQAir media listed in this column is the primary media recommendation for the contaminant indicated.**	2nd choice **The IQAir media listed in this column is the secondary media recommendation for the contaminant indicated.** (Note: the *MultiGas* media should always be considered when several contaminants are to be reduced, and the primary media recommendation varies between *ChemiSorber* and *VOC*.)
A		
Acetaldehyde	ChemiSorber	MultiGas
Acetic Acid	ChemiSorber	MultiGas
Acetic Anhydride	ChemiSorber	MultiGas
Acetone	ChemiSorber	MultiGas
Acetylene	ChemiSorber	MultiGas
Acrolein	ChemiSorber	MultiGas
Acrylaldehyde	MultiGas	ChemiSorber/VOC
Acrylic Acid	ChemiSorber	AcidPro*
Acronitrile	VOC	MultiGas
Alcohols	VOC	MultiGas
Aldehydes	ChemiSorber	MultiGas
Alkaloids	VOC	MultiGas
Allyl Chloride	VOC	AcidPro*
Allyl Sulfide	ChemiSorber	MultiGas
Amines	AM	VOC
Ammonia (NH_3)	AM	
Amyl Acetate	VOC	MultiGas
Amyl Alcohol	ChemiSorber	MultiGas
Amyl Ether	ChemiSorber	MultiGas
Aniline	VOC	MultiGas
Aromatics	VOC	MultiGas
Arsine	ChemiSorber	MultiGas
B		
Benzene	VOC	MultiGas
Borane	ChemiSorber	MultiGas
Bromine	VOC	MultiGas
Butadiene (1,3-)	ChemiSorber	MultiGas
Butane	VOC	MultiGas
Butane Diamine	VOC	MultiGas
Butanone (2-)	ChemiSorber	MultiGas
Butyl Acetate	ChemiSorber	MultiGas
Butyl Alcohol	VOC	MultiGas
Butyl Cellosolve	VOC	MultiGas
Butyl Chloride	VOC	MultiGas
Butyl Ether	VOC	MultiGas
Butyl Mercaptan	VOC	MultiGas
Butylene	VOC	MultiGas
Butyne	VOC	MultiGas
Butyraldehyde	VOC	MultiGas
Butyric Acid	VOC	AcidPro*
C		
Cadaverine	VOC	MultiGas
Camphor	VOC	MultiGas
Caproic Acid	AcidPro*	VOC
Caprylic Acid	AcidPro*	VOC
Carbolic Acid	AcidPro*	VOC
Carbon Dioxide (CO_2)	Cannot be effectively controlled by adsorption, absorption or chemisorption processes. Source control and/or ventilation is recommended.	
Carbon Disulfide	VOC	MultiGas
Carbon Monoxide (CO)	Cannot be effectively controlled by adsorption, absorption or chemisorption processes. Source control and/or ventilation is recommended.	
Carbon Tetrachloride	VOC	MultiGas
Cellosolve	VOC	MultiGas
Cellosolve Acetate	VOC	MultiGas
Chlorine (CL_2)	AcidPro*	VOC
Chlorobenzene	VOC	MultiGas
Chlorobutadiene	VOC	MultiGas
Chloroform	VOC	MultiGas
Chloronitropropane	VOC	MultiGas
Chlorophenol	VOC	MultiGas
Chloropicrin	VOC	MultiGas
Chloroprene	VOC	MultiGas
Creosote	ChemiSorber	MultiGas
Cresol	VOC	MultiGas
Crotonaldhyde	VOC	MultiGas
Cyclohexane	VOC	MultiGas
Cyclohexanol	VOC	MultiGas

Gaseous Contaminant	1st choice **The IQAir media listed in this column is the primary media recommendation for the contaminant indicated.**	2nd choice **The IQAir media listed in this column is the secondary media recommendation for the contaminant indicated.** (Note: the *MultiGas* media should always be considered when several contaminants are to be reduced, and the primary media recommendation varies between *ChemiSorber* and *VOC*.)
Cyclohexanone	VOC	MultiGas
Cyclohexene	VOC	MultiGas
D		
Decane	VOC	MultiGas
Diborane	ChemiSorber	MultiGas
Dibromomethane	VOC	MultiGas
Dichloroethane (1,2-)	VOC	MultiGas
Dichloromethane	VOC	MultiGas
Dichloromonofloromethane	VOC	MultiGas
Dichloronitroathene	VOC	MultiGas
Dichloropropane	VOC	MultiGas
Dichlorotetrafluororethane	VOC	MultiGas
Dichloroethylether	VOC	MultiGas
Diethylamine	VOC	MultiGas
Diethyl Ketone	VOC	MultiGas
Dimethylamine	VOC	MultiGas
Dimethylaniline	VOC	MultiGas
Dimethyl Disulfate	VOC	MultiGas
Dimethyl Sulfate	ChemiSorber	MultiGas
Dimethyl Phthalate	VOC	MultiGas
Dioxane	ChemiSorber	MultiGas
Dipropyl Ketone	ChemiSorber	MultiGas
E		
Esters	VOC	MultiGas
Ethanol	ChemiSorber	MultiGas
Ether	ChemiSorber	MultiGas
Ethers	VOC	MultiGas
Ethyl Acetate	VOC	MultiGas
Ethyl Alcohol	VOC	MultiGas
Ethylamine	VOC	MultiGas
Ethylbenzene	VOC	MultiGas
Ethyl Bromide	VOC	MultiGas
Ethyl Chloride	ChemiSorber	MultiGas
Ethylene (C_2H_4)	ChemiSorber	MultiGas
Ethylene Chlorhydrin	ChemiSorber	MultiGas
Ethylene Oxide	ChemiSorber	MultiGas
Ethyl Ether	VOC	MultiGas
Ethyl Formate	VOC	MultiGas
Ethyl Mercaptan	ChemiSorber	MultiGas
Ethyl Slilicate	VOC	MultiGas
F		
Fluorotrichloromethane	VOC	MultiGas
Formaldehyde (HCOH)	ChemiSorber	MultiGas
Formic Acid	AcidPro*	
G		
Gasoline	ChemiSorber	MultiGas
General Hydrocarbon (HC)	VOC	MultiGas
General VOCs	VOC	MultiGas
H		
Halocarbons	VOC	MultiGas
Heptane	VOC	MultiGas
Hexane	VOC	MultiGas
Hexylene	VOC	MultiGas
Hexyne	VOC	MultiGas
Hydrogen Bromide	AcidPro*	VOC
Hydrogen Chloride	AcidPro*	VOC
Hydrogen Cyanide	ChemiSorber	MultiGas
Hydrogen Fluoride (HF)	ChemiSorber/AcidPro*	MultiGas
Hydrogen Iodide	ChemiSorber	MultiGas
Hydrogen Sulfide (H_2S)	ChemiSorber/AcidPro*	MultiGas
I		
Indole	VOC	MultiGas
Iodine	VOC	MultiGas
Iodoform	VOC	MultiGas
Isophorone	VOC	MultiGas
Isoprene	VOC	MultiGas
Isopropanol	VOC	MultiGas
Isopropyl Acetate	VOC	MultiGas

IQAir® Gaseous Contaminant	1st choice **The IQAir media listed in this column is the primary media recommendation for the contaminant indicated.**	2nd choice **The IQAir media listed in this column is the secondary media recommendation for the contaminant indicated.** (Note: the *MultiGas* media should always be considered when several contaminants are to be reduced, and the primary media recommendation varies between *ChemiSorber* and *VOC*.)
Isopropyl Alcohol	VOC	MultiGas
Isopropyl Ether	VOC	MultiGas
Isovaleric Acid	ChemiSorber	MultiGas
K		
Kerosene	VOC	MultiGas
Ketones	ChemiSorber	MultiGas
L		
Lactic Acid	VOC	MultiGas
M		
Menthol	VOC	MultiGas
Mercaptans	ChemiSorber	MultiGas
Mercury Vapour	Dental Hg	Dental Pro
Methanol	VOC	MultiGas
Methyl Acetate	ChemiSorber	MultiGas
Methyl Acrylate	VOC	MultiGas
Methyl Alcohol	ChemiSorber	MultiGas
Methyl Bromide	VOC	MultiGas
Methyl Butyl Ketone	ChemiSorber	MultiGas
Methyl Cellosolve	ChemiSorber	MultiGas
Methyl Cellosolve Acetate	VOC	MultiGas
Methyl Chloride	VOC	MultiGas
Methylchloroform	VOC	MultiGas
Methylcyclohexane	VOC	MultiGas
Methylcyclohexanol	VOC	MultiGas
Methylcyclohexanone	VOC	MultiGas
Methylene Chloride	VOC	MultiGas
Methyl Ether	VOC	MultiGas
Methyl Ethyl Ketone	VOC	MultiGas
Methyl Formate	VOC	MultiGas
Methyl Isobutyl Ketone	VOC	MultiGas
Methyl Mercaptan	ChemiSorber	MultiGas
Methyl Pyrrolidine	VOC	MultiGas
Methyl Sulfide	ChemiSorber	MultiGas
Methyl Vinyl Ketone	VOC	MultiGas
Monochlorobenzene	VOC	MultiGas
Monomethyl Amine	AM	VOC
N		
Naphtha	VOC	MultiGas
Naphthalene	VOC	MultiGas
Nicotine	ChemiSorber	MultiGas
Nicotinic Acid	VOC	MultiGas
Nitric Acid	AcidPro*	
Nitric Oxide (NO)	ChemiSorber	MultiGas
Nitrobenzene	VOC	MultiGas
Nitroethane	VOC	MultiGas
Nitrogen Dioxide (NO_2)	ChemiSorber	MultiGas
Nitroglycerine	VOC	MultiGas
Nitromethan	ChemiSorber	MultiGas
Nitropropan	ChemiSorber	MultiGas
Nitrotoluene	ChemiSorber	MultiGas
Nitrous Oxide	AcidPro*	
Nonane	VOC	MultiGas
O		
Octalene	VOC	MultiGas
Octane	VOC	MultiGas
Olefines	ChemiSorber	MultiGas
Organic Acids	ChemiSorber/AcidPro*	MultiGas
Oxides	ChemiSorber	MultiGas
Ozone (O_3)	VOC	MultiGas
P		
Palmitic Acid	VOC	MultiGas
Paradichlobenzene	VOC	MultiGas
Pentane	VOC	MultiGas
Pentanone (3-)	ChemiSorber	MultiGas
Pentylene	VOC	MultiGas
Pentyne	VOC	MultiGas
Perchloroethylene	ChemiSorber	MultiGas
Peroxy Acetyl Nitrate (PAN)	VOC	MultiGas

Gaseous Contaminant	1st choice **The IQAir media listed in this column is the primary media recommendation for the contaminant indicated.**	2nd choice **The IQAir media listed in this column is the secondary media recommendation for the contaminant indicated.** (Note: the *MultiGas* media should always be considered when several contaminants are to be reduced, and the primary media recommendation varies between *ChemiSorber* and *VOC*.)
Phenol	VOC	MultiGas
Phosgene	VOC	MultiGas
Phosphine	ChemiSorber	MultiGas
Propanol	VOC	MultiGas
Propionaldehyde	ChemiSorber	MultiGas
Propionic Acid	ChemiSorber	MultiGas
Propyl Acetate	ChemiSorber	MultiGas
Propyl Alcohol	VOC	MultiGas
Propyl Chloride	VOC	MultiGas
Propyl Ether	VOC	MultiGas
Propyl Mercaptan	VOC	MultiGas
Propylene	VOC	MultiGas
Propyne	VOC	MultiGas
Putrescine	ChemiSorber	MultiGas
Pyridine	ChemiSorber	MultiGas
S		
Skatole	VOC	MultiGas
Silane	ChemiSorber	MultiGas
Stoddard Solvent	ChemiSorber	MultiGas
Stibine	ChemiSorber	MultiGas
Styrene	VOC	MultiGas
Styrene Monomer	VOC	MultiGas
Sulfur Dioxide (SO_2)	ChemiSorber/AcidPro*	
Sulfur Trioxide (SO_3)	ChemiSorber/AcidPro*	
Sulfuric Acid	AcidPro*	VOC
T		
Tetrachloroethane	VOC	MultiGas
Tetrachloroethylene	VOC	MultiGas
Toluene	VOC	MultiGas
Toluide	VOC	MultiGas
Triarylphosphate	VOC	MultiGas
Triethylamine	AM	VOC
Trichlorethylene	VOC	MultiGas
Trichloroethane	ChemiSorber	MultiGas
Trichlorofluromethane	ChemiSorber	MultiGas
Trihalomethanes	VOC	MultiGas
Trimethylamine	VOC	MultiGas
Turpentine	VOC	MultiGas
U		
Urea	VOC	MultiGas
Uric Acid	ChemiSorber	MultiGas
V		
Valeric Acid	ChemiSorber	MultiGas
Valeric Aldehyde	ChemiSorber	MultiGas
Vinyl Chloride	VOC	MultiGas
X		
Xylene	VOC	MultiGas

* The IQAir **AcidPro** model is available only upon special request. Longer leadtimes may apply. Contact your authorised IQAir dealer for details.

Important Note: The actual indoor air quality improvements that can be achieved with air cleaning systems depend not only on the system's performance, but also on factors which are specific to that indoor environment. These include circumstantial factors such as temperature, humidity, contaminant mix, intensity of the contaminant and its source, the size of the indoor environment, the operating speed of the system, the number of air cleaners placed in the environment and the state of saturation of the individual filter elements. Although specific IQAir® models are recommended for the control of certain contaminants, the manufacturers make no claim as to the specific air cleaning results that can be achieved under the user's individual operating conditions.