

# THE ULTIMATE SMALL PARTS SPRAY BOOTHS

**Marathon**  
Industrial Finishing Systems

**Fully Self-Contained • Completely Assembled**

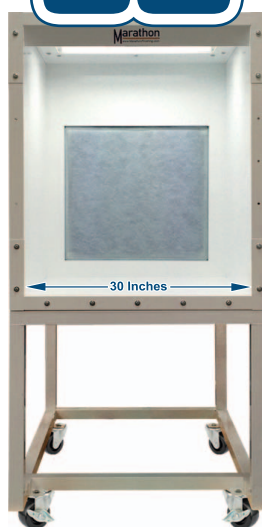
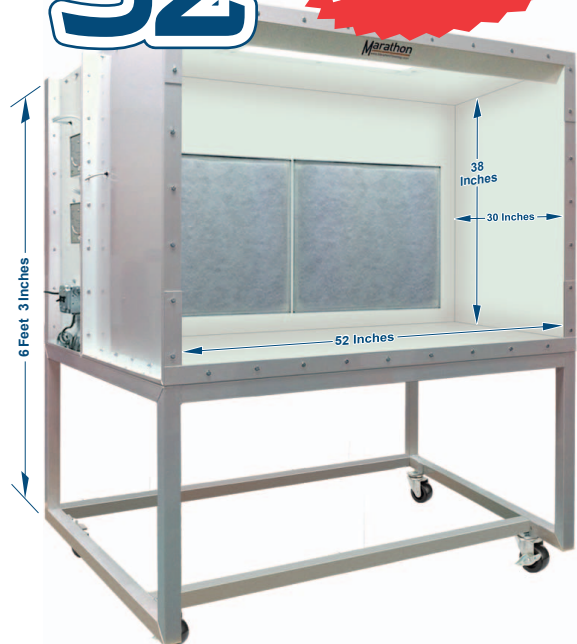
**SPB  
52**

**Plug & Play**

**SPB  
30**

**No Ducting  
Required for  
most applications\***

**SPB  
52F**



**Perfect for  
Spray Painting • Grinding • Powder Coating • Adhesives  
Any application where particulate collection and Filtration is required!**

**Ducting Kit**  
Available for Specialized  
Applications

The perfect sized spray booths for applications where a full size booth is too much. No special wiring required, it just plugs right into the wall. They come as either "Table Top" units (without the stand and the caster wheels), or as free standing rollable units. These booths are built to last! Heavy duty steel construction, anti-spark high quality aluminum high speed fan with a Dayton® motor. Engineered for easy operation and maintenance, these units have premium efficiency exhaust and activated carbon filters, which remove not only overspray, but fumes as well. Best of all, it's made right here in the U.S.A.

**Rugged and reliable fan and Dayton®  
motor gives worry free operation**



**Manometers give simple and dependable  
indication of when filters need changing**

**Booths come with a large filtration  
area to remove fumes and overspray**



\*For most applications. Refer to pages 3 & 4 for specific material adsorption rates, and always reference your product's MSDS before use.

## Choosing a Booth

When you are looking for a spray booth, there are a few key items to consider: The size of the booth, the type of filtration, and the CFM.

### Booth Size

The booth should be a size that gives you a comfortable area around the item that you are painting, not just for ease of movement, but so that the air flows around the item easily, and effectively. These booths are made to give you “Big Booth” performance in a small, convenient space (see the specifications for both listed below).

### CFM

CFM is an abbreviation of “Cubic Feet per Minute”, and is a measure of the rate at which air moves through a given space. The larger a space is, the more air (or CFM) must move through that space. The industry standard states that the rate should be 100 feet per minute.

Model	Spray Area Dimensions	Outer Booth Dimensions			Fan Size	CFM	Motor
		Height (with Stand &/or Wheels)	Width	Depth			
SPB - 30	38"H x 30"W x 30"D 965.2 mm x 762 mm x 762 mm	~75.5 in. (1918 mm)	30 in. (762 mm)	~60 in. (1524 mm)	10 in. (254 mm)	~792	½ hp
SPB - 52	38"H x 52"W x 30"D 965.2 mm x 1320.8 mm x 762 mm	~75.5 in. (1918 mm)	56 in. (1422.4 mm)	~60 in. (1524 mm)	12 in. (305 mm)	~1,400	¾ hp
SPB - 52F	76"H x 52"W x 30"D 1930 mm x 1320.8 mm x 762 mm	~82.5 in. (1994 mm)	56 in. (1422.4 mm)	~62 in. (1575 mm)	18 in. (457.2 mm)	~2,600	2 hp

### Filtration

Exhaust filters are meant to catch overspray and remove it from the air stream before the exhaust air leaves the booth. Our spray booths also have a V-Bank “active carbon” filter to remove fumes and solvents from the air, so that you are not breathing these fumes as you work. Fumes from formaldehyde, diesel, adhesives, paint, even that “Rotten Egg” smell from hydrogen sulfide and mercaptans are removed. This filter also exhibits superior performance removing VOCs\* from gasoline, solvents, and nicotine. These filter types are standard filters that are available from [www.MarathonSprayBooths.com/all-filters](http://www.MarathonSprayBooths.com/all-filters). To change them, you simply pop the used filters out of their frame (dispose of them according to applicable regulations) and insert the replacement filter.

\*Volatile Organic Compounds

	Description	Height	Width	Thickness	Filter Type	Qty (30)	Qty (52)	Qty (52F)
1st Stage	Pre-Filter	24 in. (610.6 mm)	24 in. (610.6 mm)	~.1/4 in. (6.4 mm)	Single Layer	1	2	4
2nd Stage	Fiber Filter	24 in. (610.6 mm)	24 in. (610.6 mm)	~.3/4 in. (25.4 mm)	Multi Layer (NESHAP available)	1	2	4
3rd Stage	MERV 13 Filter	24 in. (610.6 mm)	24 in. (610.6 mm)	2 in. (50.8 mm)	Pleated Fiber	1	2	2
4th Stage	Carbon V-Bank	24 in. (610.6 mm)	24 in. (610.6 mm)	4 in. (101.6 mm)	Active Carbon	1	2	2

### Options

The following features and options are available to add to your order, or perhaps upgrade later:

- Stand (pre constructed tube steel): **28 in.** (711 mm) Tall
- 4 caster wheels (two locking, approx. 4" tall).
- Class I / Division II lighting fixture.

Call us at **800 919-9035** and let’s talk about getting you into the perfect small parts booth, as well as the options you want. You’ll see why we say that Marathon Finishing is the benchmark for spray painting solutions.

# ADSORPTION INDEX

This Adsorption Index is intended to be used only as a relative guide to adsorption capacity for the various compounds listed. For those compounds marked "\*", a specialty chemically impregnated carbon is required.

1 = Not physically adsorbed under normal conditions

2 = Low Capacity (<10% w/w)

3 = Medium Capacity (10 – 25%)

4 = High Capacity (20 – 50%)



SUBSTANCE		Cellosolve acetate	4	Ethyl chloride	3
Acetaldehyde	2	Charred materials	4	Ethyl ether	3
Acetic acid	4	Cheese	4	Ethyl formate	3
Acetic Anhydride	4	Chlorine	3	Ethyl mercaptan	3
Acetone	3	Chlorobenzene	4	Ethyl silicate	4
*Acetylene	1	Chlorobutadiene	4	*Ethylene	1
*Acrolein	3	Chloroform	4	Ethylene chlorhydrin	4
Acrylic acid	4	Chloronitropropane	4	Ethylene dichloride	4
Acrylonitrile	4	Chloropicrin	4	Ethylene oxide	3
Adhesives	4	Cigarette smoke odor	4	Essential oils	4
Air-Wick	4	Citrus and other fruits	4	Eucalyptole	4
Alcoholic beverages	4	Cleaning compounds	4	Exhaust fumes	3
*Amines	2	Combustion odors	3	Fertilizer	4
*Ammonia	2	Corrosive gasses	3	Film processing odors	3
Amyl acetate	4	Cooking odors	4	Fish odors	4
Amyl alcohol	4	Creosote	4	Floral scents	4
Amyl ether	4	Cresol	4	Flourotrichloromethane	3
Animal odors	3	Crotonaldehyde	4	Food aromas	4
Anesthetics	3	Cyclohexane	4	*Formaldehyde	2
Aniline	4	Cyclohexanol	4	Formic acid	3
Antiseptics	4	Cyclohexanone	4	Fuel gasses	2
Asphalt fumes	4	Cyclohexene	4	Fumes	3
Automobile exhaust	3	Dead animals	4	Gangrene	4
Bathroom smells	4	Decane	4	Garlic	4
Benzene	4	Decaying substances	4	Gasoline	4
*Bleaching solutions	3	Deodorants	4	Heptane	4
Body odors	4	Detergents	4	Heptylene	4
Borane	3	Dibromomethane	4	Hexane	3
Bromine	4	Dichlorobenzene	4	*Hexylene	3
Burned flesh	4	Dichlorodifluoromethane	4	*Hexyne	3
Burned food	4	Dickloroethane	4	Hospital odors	4
Burning fat	4	Dichloroethylene	4	Household smells	4
Butadiene	3	Dichloroethyl ether	4	Hydrogen	1
Butane	2	Dichloromonofluormethane	3	*Hydrogen bromide	2
Butanone	4	Dichloronitroethane	4	*Hydrogen chloride	2
Butyl acetate	4	Dichloropropane	4	*Hydrogen cyanide	2
Butyl alcohol	4	Dichlorotetrafluoroethane	4	*Hydrogen fluoride	2
Butyl cellosolve	4	Diesel fumes fumeador	4	*Hydrogen iodide	3
Butyl chloride	4	*Diethylamine	3	*Hydrogen selenide	2
Butyl ether	4	Diethyl ketone	4	*Hydrogen sulfide	3
*Butylene	2	Dimethylaniline	4	Incense	4
*Butyne	2	Dimethylsulfate	4	Indole	4
*Butyraldehyde	3	Dioxane	4	Industrial wastes	3
Butyric acid	4	Dipropyl ketone	4	Iodine	4
Camphor	4	Disinfectants	4	Iodoform	4
Cancer odor	4	Embalming odors	4	Irritants	4
Caprylic acid	4	Ethane	1	Isophorone	4
Carbolic acid	4	Ether	3	*Isoprene	3
Carbon disulfide	4	Ethyl acetate	4	Isopropyl acetate	4
*Carbon dioxide	1	Ethyl acrylic	4	Isopropyl alcohol	4
Carbon monoxide	1	Ethyl alcohol	4	Isopropyl ether	4
Carbon tetrachloride	4	*Ethyl amine	3	Kerosene	4
Cellosolve	4	Ethyl benzene	4	Kitchen odors	4
		Ethyl bromide	4	Lactic acid	4

This information has been gathered from standard reference materials and/or test procedures and is believed to be true and accurate. It is offered solely for your consideration and verification. None of the information presented shall be construed as constituting a warranty or representation, expressed, written, or implied, for which we assume legal responsibility or that the information or goods described is fit for any particular use either alone or in combination with other goods or processes, or that its use does not conflict with existing patent rights. No license is granted to infringe on any patent rights or practice any patent inversion.

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Lingering odors	4	Packing house odors	4	Stiffness	4
Liquid fuels	4	Paint and redecorating odors	4	Styrene monomer	4
Liquor odors	4	Palmitic acid	4	*Sulfur dioxide	3
Lubricating oils and greases	4	Paper deteriorations	4	*Sulfur trioxide	3
Lysol	4	Paradichlorobenzene	4	Sulfuric acid	4
Masking agents	4	Paste and glue	4	Tar	4
Medicinal odors	4	Pentane	3	*Tarnishing gasses	3
Melons	4	Pentanone	4	Tetrachloroethane	4
Menthol	4	*Pentylene	3	Tetrachloroethylene	4
Mercaptans	4	*Pentyne	3	Theatrical makeup odors	4
Mestyl oxide	4	Perchloroethylene	4	Tobacco smoke odor	4
Methane	1	Perfumes, cosmetics	4	Toilet odors	4
Methyl acetate	3	Perspirations	4	Toluene	4
Methyl acrylate	4	Persistent odors	4	Toluidine	4
Methyl alcohol	3	Pet odors	4	Trichloroethylene	4
Methyl bromide	3	Phenol	4	Trichloroethane	4
Methyl butyl ketone	4	Phosgene	3	Turpentine	4
Methyl cellosolve	4	Pitch	4	Urea	4
Methyl cellosolve acetate	4	Plastics	4	Uric acid	4
Methyl chloride	3	Pollen	3	Valeric acid	4
Methyl chloroform	4	Popcorn and candy	4	Valeraldehyde	4
Methyl ether	3	Poultry odors	4	Varnish fumes	4
Methyl ethyl ketone	4	Propane	2	Vinegar	4
Methyl formate	3	Propionadlehyde	3	Vinyl chloride	3
methyl isobutylketone	4	Propionic acid	4	Waste products	3
Methyl mercaptan	4	Propyl acetate	4	Wood alcohol	3
Methylcyclohexane	4	Propyl alcohol	4	Xylene	4
Methylcyclohexanol	4	Propyl chloride	4		
Methylcyclohexanone	4	Propyl ether	4		
Methylene chloride	4	Propyl mercaptan	4		
Mildew	3	Propylene	2		
Mixed odors	4	Propyne	2		
Mold	3	Putrefying substances	3		
Monochlorobenzene	4	Putrescine	4		
Monofluorotrichloromethane	4	Pyridine	4		
Moth balls	4	Radiation products	2		
Naphtha (coal tar)	4	Rancid oils	4		
Naphtha (petroleum)	4	Resins	4		
Naphthalene	4	Reoderants	4		
Nicotine	4	Ripening fruits	4		
*Nitric acid	3	Rubber	4		
Nitro benzenes	4	Sauerkraut	4		
Nitroethane	4	Sewer odors	4		
*Nitrogen dioxide	2	Skatole	4		
Nitroglycerine	4	Slaughtering odors	3		
Nitromethane	4	Smog	4		
Nitropropane	4	Soaps	4		
Nanane	4	Smoke	4		
Octalene	4	Solvents	3		
Octane	4	Sour milk	4		
Odorants	4	Spilled beverages	4		
Onions	4	Spoiled foodstuffs	4		
Organic chemicals	4	Stale odors	4		
Ozone	4	Stoddard solvent	4		

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