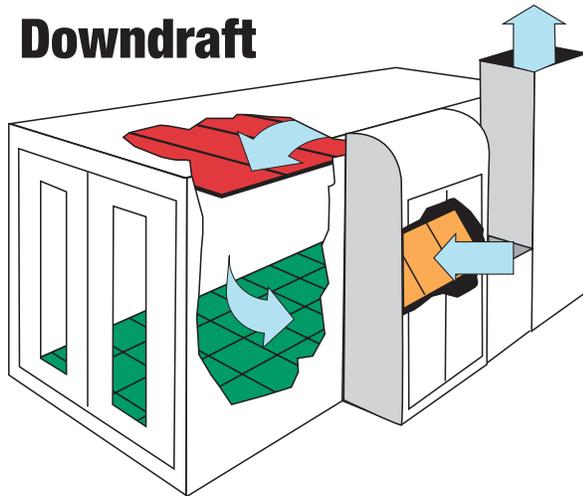
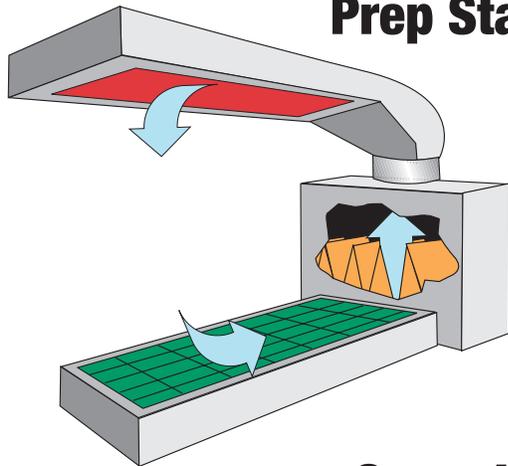


## Paintbooth Filtration

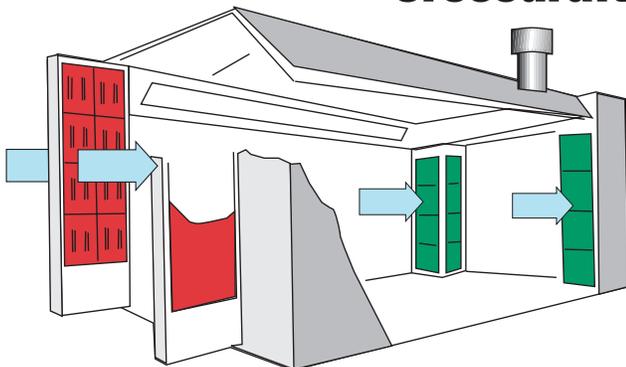
### Downdraft



### Prep Station



### Crossdraft



Chemco offers a wide variety of filtration products for downdraft and crossdraft paintbooths and prep stations. For the most part, filtration products required for all of these fall into three general categories which are color coded to the drawings at left which indicate their placement in each type of booth.

### Intake Filters

Air Intake filters are as important to a great paint job as the booth itself. The intake filters are the primary defense against foreign particles landing on the painting surface. Any particle larger than 10 microns can cause a defect on a paint job. Intake filters are typically either panels or pads. Intake filters in a downdraft booth and prepstations are above the painting surface. In crossdraft booths, they are typically in the door.

### Exhaust/Paint Arrestor Filters

Exhaust filters play an important role in maintaining proper air flow balance, increasing cleanliness of exhaust stacks, reducing maintenance of the exhaust system and in controlling V.O.C. emissions. The purpose of exhaust filters is to capture overspray particles and remove them from the airstream as air is removed or recirculated back into the booth. Crossdraft and semi-downdraft booths use media pads which are placed on grids in the rear wall or lower portion of the side walls in filter housings. Downdraft booths use a long pad that is placed into a pit below the painting surface.

### Prefilters

A prefilter is designed to filter out large particles before the air reaches the intake filter. This prolongs the life of the intake filter, increases airflow in your booth and reduces maintenance costs on the intake stack and mechanical parts. The prefilter is typically found only in heated booths. Crossdraft booths will very rarely have a prefilter. In downdraft and semi-downdraft booths, the prefilter is located somewhere along the duct-work bringing air into the booth.

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