



PURO Seal Refillable Carbon Trays

Refillable activated carbon trays

Introduction

Purolator's refillable carbon trays provide dual filtration of particulate and odor adsorption. They are available for vapor or liquid phase filtration. (See the Application Reference Information on the back page.)

Each panel is designed for easy replacement of the carbon media, and are offered in both standard and custom sizes to accommodate a variety of system needs.

Designed to fit into the Purolator PURO Seal CSA (Carbon Side Access) housing (See Brochure #AC-PDS M (1/02) for more information on the CSA housing.).

Trays may be emptied or refilled at regional activation service locations. Information specific to your region will be provided upon purchase.

Standard screen size: 24-gauge diamond expanded carbon steel (flattened) with Glidden Glid-Guard high solid epoxy 5430 Black coating. Standard depth: 3/4". Contact factory for custom sizes and other depths.

Media

A variety of media options are available for selection based on customer application/system requirements (See the Application Reference Information on the back page).

Construction Features

Available in a variety of frame materials, with the most common being cold rolled steel with a baked enamel finish, or C.R.S. tinplated. Epoxy coated and stainless steel trays optional.



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Suggested product Specifications

1. The filter shall be the PURO Seal Refillable Carbon Trays as manufactured by Purolator Air Filtration.
2. Trays shall be (3/4") deep, activated carbon media filters. Standard face sizes shall be 23 3/8" x 23 3/8" x 3/4" or 23 3/8" x 11 7/8" x 3/4".
3. Each tray shall have a removable tab for easy carbon replacement.
4. Standard frame construction shall be 24-gauge non-coated galvaneal.

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Application Reference Information:

CONTAMINANT	INDUSTRY/APPLICATION	CARBON TYPE
Vapor Phase		
Acid and reactive gases: Hydrogen sulfide, Chlorine, Fluorine Sulfur Dioxide, Bromine, Nitrogen Dioxide	- Electronic component protection in pulp and paper mills, refineries, fossil fuel electrical plants - Odor control: Sewage treatment plants - Air purification meseums, archives, storage facilities - Shooting ranges - Pet food Manufacturing	CGL/C1
Ammonia & Amines	- Fertilizer plants - Fume hoods - Petrochemical plants - Tobacco Processing - Livestock and veterinary facilities	CGL/PA
Mercury	- Flue gases, Incinerator exhaust - Mining - Battery production - Laboratories	CGL/HG
Formaldehyde	- Hospitals, laboratories - Fume hoods - Paneling & furniture mfg. - Insulation mfg.	CGL/COH
General odor oxidants and low molecular weight organics (ethylene, amyl acetate, butyl, ammine, Chloroform, nitrogen oxide)	- Cold storage-fruit - Plastics manufacturing - Chemical plants	CGL/KMNZK6
General air filtration for HVAC: Air pollution, odor control, tobacco smoke, diesel fumes	- Schools - Hospitals - Office buildings - Airports - Cafeterias - Correctional facilities	CGL/GAC CGL/CCCCS CGL/ZK6
Volatile organic compounds	- Soil vapor extraction - Emission control - Air stripper exhaust - Paint booths - Automotive ELCS canisters - Plastics Manufacturing	CGL/CP CGL/CC CGL/MR
Liquid Phase		
Odor, color, taste	- Potable water systems - Emission control - Caustic liquors, soda, ash - Pharmaceutical - Food and sugar processing - Beverage Production	CGU/GAC CGU/MR CG
Chlorine	- Potable water systems - Beverage production - High quality water - Electronics industry	CGU/GAC CGU/GAC
Pyrogens	- Potable water systems	CGU/GA
VOCs, BOD, COD, NOMs (natural organic matter), PAHs (poly-nuclear aromatic hydrocarbons), Chloroform, Humic and Fulvic acids, Vinyl Chloride methylene, Tannic compounds	- Wastewater treatment: Municipal, Industrial, Truck washes, Food processing, Tanneries, Juice Production, Meat packing and production	CGL/OMC CGL/LP1323
Tramp oil, Heavy metals, Suspended and dissolved solids, BOD, COD, TOC, Fats	- Plating operations - Primary metal mills - Truck and tanker washing	CGL/OM2 Sam Series

P-PUROTRAY-1008



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