



BACKGROUND

CAMERON-YAKIMA, INC. has dealt with activated carbon and related products and services since 1944.

Today, Cameron-Yakima is recognized as a leader in the activated carbon industry, providing one of the broadest ranges of related products and services available worldwide.

Product and service quality is high, while maintaining absolute cost competitiveness.

The national and international marketplace is insisting on the highest purity of their products and for their workplace environment. Environmental concerns for clean air and pure water are major issues for today's society. Cameron-Yakima's years of experience allow us to provide the cutting edge of activated carbon products and technology to the world market.

In Hong Kong, Cameron-Yakima's products have been used in a lot of place. These includes refuse chamber, sewage plant and office buildings.

CAMERON-YAKIMA CARBON FILTER

Cameron-Yakima carbon filter is a odor adsorption equipment that is applicable in many different situations. Odor adsorption by activated carbon is a practical means for a long time. Activated carbon can adsorb odors in the small pores of their body and on the average, one gram of activated carbon have approximately 1500 meter square of surface area.

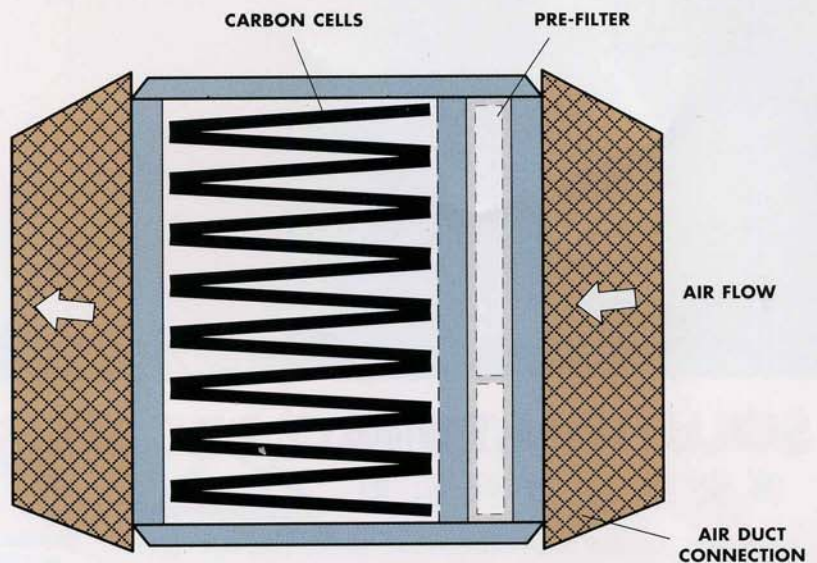
CAMERON carbon filter cover a wide range of air flow and the maximum permissible velocity can be up to 500 FPM. The activated carbon used has a minimum value of 62% carbon tetrachloride activity. Therefore, by the unique design and high performance of the activated carbons, the CAMERON carbon filter can satisfy your needs in any situations.

APPLICATION

1. Remove unpleasant odours from indoor working environment.
2. Eliminate odors from exhaust air to prevent nuisance to other people.
3. Purification of fresh outdoor air required for ventilation.

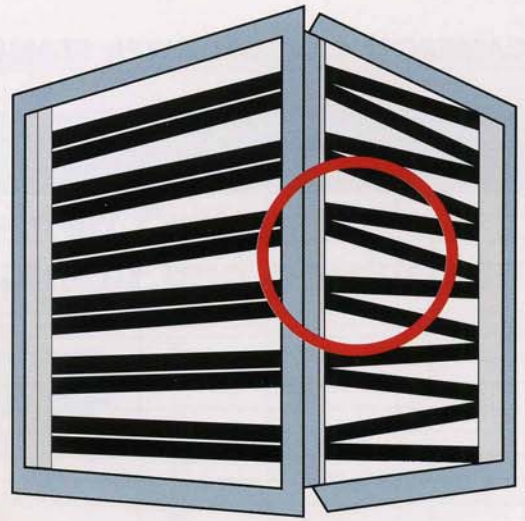
OPERATION

CAMERON carbon filter consists of two sections. Prefilter is used to remove the larger particles for protecting the carbon cells. The carbon cells are arranged in V-shaped to provide maximum surface area for removing odour.



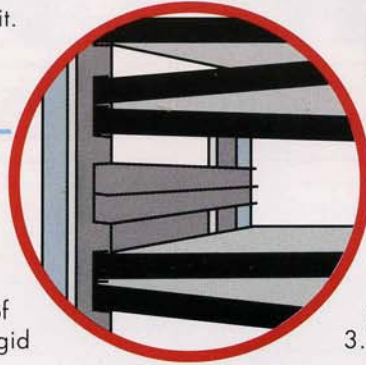
HOUSING FEATURE

- The rugged factory assembled housings are tracked to accommodate any number of carbon trays your air quantities require.
- Each housing has a 2" pre-filter metal track.
- Outward turned one and a half inch flanges make installation to the duct system simple and easy.
- Easy access from two sides.
- Rugged construction of 16 gauge galvanized steel.
- Fully gasketed access doors.
- Complete enclosure of filters eliminating air by-pass.
- All metal to metal components sealed.
- Corner gaskets make an extra rugged unit.



CARBON PANELS DESIGN

Carbon Trays are held in V-shaped by aluminium track. They are easily removed for inspection or replacement. The frame of the tray is metal constructed which is more rigid



and has more resistance in any environment. There are two sizes of panels: 24" x 24" x 1" and 12" x 24" x 1". The former hold about 3.5 lbs while the latter holds 7 lbs of carbon.

CARBON USED

High quality Coconut Carbon is used since it has

1. A minimum of 62% Carbon Tetrachloride Activity.
2. High Hardness (Ball Abrasion) Number (=95) which keep granular breakage to a minimum.
3. Extensive surface area in pores of 5 to 10 A* radius which provide high retentive capabilities for odour gas.
4. Low ash content which contributing to high purity.
5. Low apparent density which means that larger no. of pores exist inside the carbon.



DIMENSIONS

Standard model should be specified as size code (WxH), e.g. 2x2 mean CAMERON carbon filter of size 24" x 27-1/4" x 31-3/4". Custom-made size is also available.

UNIT WIDTH MOBEL NO.	1	2	3	4	5	6	7	8
NOMINAL UNIT WIDTH	12"	24"	36"	48"	60"	72"	84"	96"

UNIT HEIGHT MODEL NO.	1	NOMINAL UNIT HEIGHT
	2	15 1/4"
	3	27 1/4"
	4	39 1/2"
	5	51 1/2"
	6	63 3/4"
	7	75 3/4"
	8	88"
		100"

