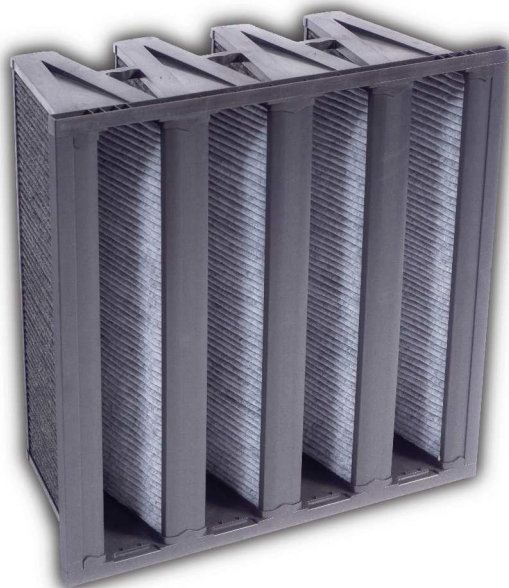


DuraKleen-V15™ and DuraKleen-V8™

Extended Surface Activated Carbon Filter



As worldwide Indoor Air Quality specifications become more demanding, gas phase adsorption is quickly becoming a major factor in commercial and industrial air filtration systems. The **DuraKleen-V15 and DuraKleen-V8** are an excellent high performance solution in applications such as airports, industrial facilities, chemical plants, office buildings, and a wide variety of other air filtration systems.

The Koch Filter **DuraKleen-V15 and DuraKleen V8** is an extended surface carbon filter which utilizes premium grade granular 60% activated carbon. DuraKleen's unique V-shaped frame holds up to 7 pounds of activated carbon in a single 24x24x12 filter, which insures maximum VOC and odor removal in any commercial or industrial application.

Two Efficiency Levels and Three Standard Sizes

To meet the tough requirements of today's complex air filtration systems, **DuraKleen-V15 and DuraKleen V8** is available in three standard sizes, and two efficiencies.

- Provides effective removal of odors and Volatile Organic Compounds (VOC).
- Constructed with premium grade coconut shell carbon
- Available in two efficiencies, MERV 15 and MERV 8.

Consult your Koch Filter representative to find the appropriate **DuraKleen-V15 and DuraKleen-V8** model for your system.

Partial List of Contaminants Best Controlled by Activated Carbon

Acetic acid	Ethyl benzoate	Chloroethane	Tetrachloroethane	Methyl propyl ketone
Ally acetate	Ethyl sulfide	Cineole	Toluene	Cyclohexanone
Benzyl acetate	Ethylene dichloride	Heptane	Trichloroethylene	Decane
Butyl acetate	Formic acid	Indene	Triethylhexane	Dichloroethane
Butyl ethyl ether	Octane	Isoamyl butrate	Mineral Spirits	Dimethyl disulfide
Butyric acid	Pentachloroethane	Limonene	Nitroethane	Ethanol
Carbon tetrachloride	Phenol	LimoneneMethylally alcohol	Vinyl Pyridine	Ethynl lactate
Chloroform	Styrene	Methylally Butanol	Acrylic acid	Ethynl oxalate
Chlorophenol	Thiophenol	Methyl ethyl ketone (MEK)	Benzonitrile	Ethylcyclohexane
Furan	Trichloroethane	Cyclohexanol	Bromoform	Ethylene glycol diethyl ether
Hexane	Trimethylpentane	Cymene	Butylbenzene	Nonane
Isoamyl alcohol	Methylsalicylate	Dibutylamine	Butyl sulfide	Octene
Isopropyl alcohol	Nitroanisole	Diethyl ketone	Carbon disulfide	Pentyl ether
Linalyl format	Valeric acid	Dodecane	2-Chloroethanol	Pyridine
Methyl benzoate	Xylene	Ethyl acetate	Chlorotoluene	Tetrachloroethylene
Methyl oxyethanol	Acetone	Ethyl methyl ketone	Cresol	Tributylamine
Cyclohexane	Benzaldehyde	Ethylbenzene	Heptene	Tridecane
Cyclohexylbenzene	Bezene	Ethylene glycol	Isoamyl acetate	Methyl pentanone (MIBK)
Decene	Butyl alcohol	Nitrogen dioxide<100ppb	Isobutyl propinate	Naphtha
Dichlorotoluene	Butyl mercaptan	Octanoic acid	Lynalyl acetate	Undecane
Dimethyl disulfide	Camphor	Pentylamine	Methyl acetylsalicyate	Vinyl toluene
Ethoxyethanol	Chlorobenzene	Propionic acid	Methyl cyclohexanol	

DuraKleen-V15

Model	Nominal Size	Actual Size	Initial Pressure Drop (in w.g.)	Carbon Weight Per Filter (lbs.)	Total Weight Per Filter (lbs.)	Efficiency
111-811-001	24x24x12	23.38" x 23.38" x 11.50"	0.42	7.0	13	MERV 15
111-811-003	20x24x12	19.38" x 23.38" x 11.50"	0.42	5.5	11	MERV 15
111-811-002	12x24x12	11.38" x 23.38" x 11.50"	0.42	3.5	9	MERV 15

DuraKleen-V8

Model	Nominal Size	Actual Size	Initial Pressure Drop (in w.g.)	Carbon Weight Per Filter (lbs.)	Total Weight Per Filter (lbs.)	Efficiency
111-810-001	24x24x12	23.38" x 23.38" x 11.50"	0.36	7.0	13	MERV 8
111-810-003	20x24x12	19.38" x 23.38" x 11.50"	0.36	5.5	11	MERV 8
111-810-002	12x24x12	11.38" x 23.38" x 11.50"	0.36	3.5	9	MERV 8

Additional DuraKleen-V Information:
 Maximum Operating Temperature: 130 °F
 Maximum Relative Humidity: 95%

DuraKleen-V Construction and Technical Data

Activated Coconut Shell Carbon
 Premium grade 60% activated carbon provides maximum adsorption of VOC's and odors.

Pleated Media Packs

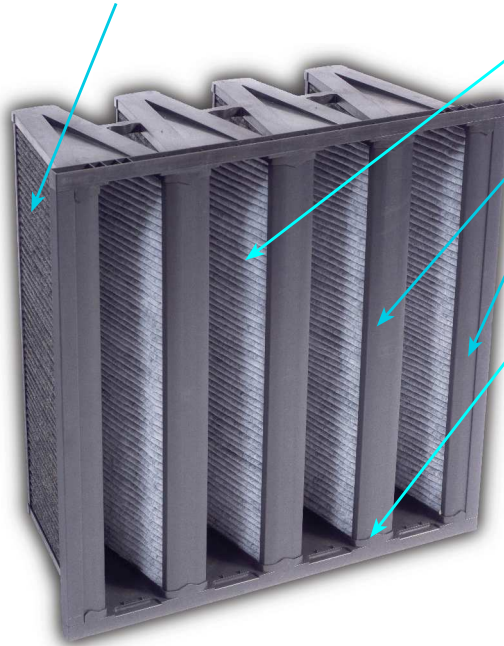
The media packs feature a pleated media encapsulating the carbon between two synthetic layers. The highly active carbon particles allow for higher adsorption rates due to the smaller size of the carbon granules.

Plastic and Metal Frame Components

Rugged components make the DuraKleen-V extremely rigid and easy to install.

Thermoplastic Hot-Melt Adhesive

Specialized sealant eliminates air bypass and secures the individual carbon cells within the frame.



KOCHFILTER
 PURE PERFORMANCE

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