



PRODUCT BULLETIN

SUBJECT **OdorKleen ES Carbon /Particulate Filter**

Bulletin No. K-693A

The Koch **OdorKleen ES** is an extended surface pleated panel which offers a unique combination of particulate filtration and odor removal in a totally disposable unit.

OdorKleen Construction

The filter media utilized in **OdorKleen ES** panels is a dual-purpose multi-layer product, designed to collect airborne particulate and remove odors and other gasses from the airstream.

The upstream layer is a high efficiency, progressively dense synthetic fiber which offers an atmospheric efficiency rating of 25-35%. The downstream odor removal layer is impregnated with carbon media for absorption of volatile organic compounds (VOC's) from the airstream. This carbon media carries a minimum activation of 60%, insuring high odor absorption efficiency, and extended lifecycles between filter changes.

The two-ply media element is pleated and supported downstream by a rugged, rustproof expanded metal grid. This extended surface configuration provides high dust holding capacity and excellent performance capabilities in a wide variety of applications.

The enclosure frame utilized in **OdorKleen ES** filters is a rigid, high wet-strength beverage board. This ultra-tough frame makes the **OdorKleen** ideal for use in nearly any application, especially in systems where high moisture levels have rendered standard air filters ineffective.

Applications

OdorKleen ES filters are presently used to remove odor and particulates in a wide variety of installations, with light to moderate contaminate levels, including commercial office buildings, airports, sports arenas, hospitals, schools, painting facilities, and industrial plants.

OdorKleen ES filters are available in 1", 2", and 4" thicknesses. The filters are wrapped in plastic to eliminate absorption of odors during shipping, and are easily interchangeable with standard fiberglass or pleated filters. **OdorKleen ES** filters are totally disposable after use.

NOTE: For Performance Data, see reverse side.



Koch Filter Corporation
Filtration Products Crafted with Pride

**OdorKleen ES
PERFORMANCE DATA**

Size	Product Code	Actual Size (Inches)			Rated Capacity CFM		Initial Resistance (in w.g.)	
		Width	Height	Depth	Standard	High	Standard	High
12x24x1	102-790-002	11 3/4	23 3/4	7/8	600	860	.20	.26
15x24x1	102-790-002	11 3/4	23 3/4	7/8	600	860	.20	.26
15x20x1	102-790-005	14 3/4	19 3/4	7/8	625	1300	.20	.26
16x20x1	102-790-006	15 3/4	19 3/4	7/8	650	960	.20	.26
16x25x1	102-790-007	15 3/4	24 3/4	7/8	850	1200	.20	.26
20x20x1	102-790-008	19 3/4	19 3/4	7/8	850	1200	.20	.26
20x25x1	102-790-009	19 3/4	24 3/4	7/8	1050	1500	.20	.26
24x24x1	102-790-010	23 3/4	23 3/4	7/8	1200	1700	.20	.26
12x24x2	102-790-012	11 3/8	23 3/8	1 3/4	600	1000	.18	.28
16x20x2	102-790-016	15 3/8	19 3/8	1 3/4	650	1085	.18	.28
16x25x2	102-790-017	15 3/8	24 3/8	1 3/4	850	1400	.18	.28
20x20x2	102-790-019	19 3/8	19 3/8	1 3/4	850	1400	.18	.28
20x25x2	102-790-021	19 3/8	24 3/8	1 3/4	1050	1755	.18	.28
24x24x2	102-790-022	23 3/8	23 3/8	1 3/4	1200	2000	.18	.28
12x24x4	102-790-023	11 3/8	23 3/8	3 3/4	1000	1250	.24	.32
16x20x4	102-790-025	15 3/8	19 3/8	3 3/4	1085	1400	.24	.32
16x25x4	102-790-026	15 3/8	24 3/8	3 3/4	1420	1750	.24	.32
20x20x4	102-790-028	19 3/8	19 3/8	3 3/4	1420	1750	.24	.32
20x25x4	102-790-030	19 3/8	24 3/8	3 3/4	1755	2150	.24	.32

Additional Product Information:

1. Recommended Final Pressure Drop is 1.0 inches w.g.
2. **OdorKleen ES** filters are Underwriters' Laboratories Class 2 listed according to U.S. Standard 900.
3. **OdorKleen ES** filters are designed for continuous operating temperatures Up to 120° F (49° C).