

LL & XL MODEL TENKAY®

High Efficiency Dust Collectors

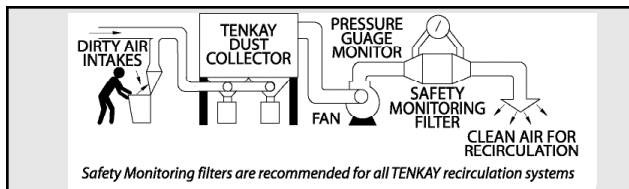
Heavy-Duty Industrial Dust Collection



Farr TENKAY® Aspirated Dust Collectors offer the highest efficiency, the best energy characteristics and the greatest operating economies available. The TENKAY is the perfect answer wherever air pollution control, worker comfort and/or product recovery are of major concern.

PROVEN ENERGY SAVINGS AND ECONOMY –

With over 21 years of proven experience and constant design improvements, TENKAY collectors are based on the use of the 99.999% gravimetric efficiency TENKAY filter element. With its outstanding efficiency,



the TENKAY enables you to recirculate processed air back into your facility for savings in heating and cooling make-up air. While discharge air is well below OSHA limits, Farr recommends the use of a safety monitoring filter on all recirculation systems.

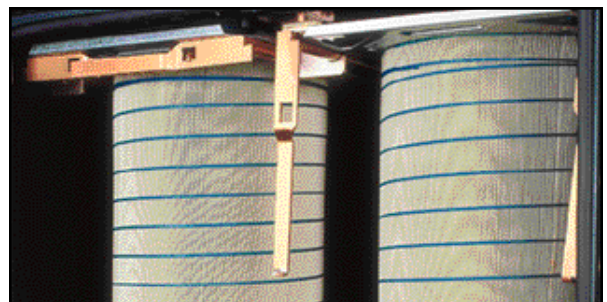
TENKAY filters come in standard sizes with media area of up to 282 sq. ft. per element — the highest

available in a filter of this type. High media area allows conservative air-to-media ratio selection, which translates directly into lower operating pressures and, thus, lower fan horsepower requirements... delivering additional energy savings.

SUPERIOR PERFORMANCE – The best dust collector design ensures that the maximum concentration of contaminant will fall into the hopper before it challenges the filter media. To accomplish this, the unique TENKAY design uses *vertically mounted* filter elements. The *downward flow* of contaminant in the TENKAY, introduced in the hopper below the filters, is directed away from the media—resulting in lower operating pressure and longer element life (since filters are not challenged by 100% of the contaminant). The TENKAY takes full advantage of the principles of physics to provide superior performance and lower operating costs compared to non-vertical collectors.

PERSONNEL NEVER ENTER THE COLLECTOR –

Because of the TENKAY's unique outside removal system, maintenance personnel can change filters without being subjected to the potentially hazardous environment inside a collector. A patented, user-friendly cam-bar locking mechanism allows changeout in minutes, sealing an entire row of filter elements at once. This design also eliminates the service problems associated with horizontally mounted filters, which are often covered with contaminant and must be rotated to dislodge material collected on the top portion.



Farr APC	Product Sheet
LL & XL Model Tenkay®-B-1000-4H	
SAFE AIR FOR A SAFE WORK ENVIRONMENT	

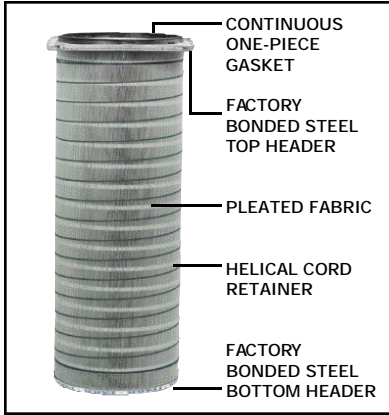
TYPICAL APPLICATIONS

- Sanding & grinding dust
- Plasma/laser cutter fumes
- Talc, cornstarch dust
- Pharmaceutical dust
- Pneumatic conveyed dust

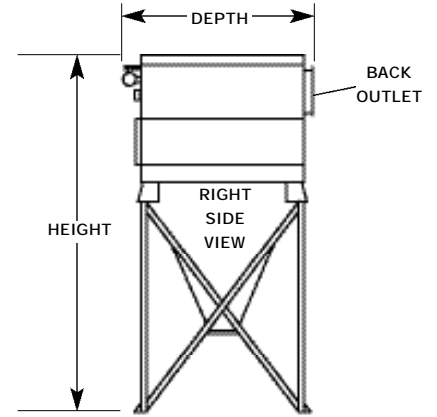
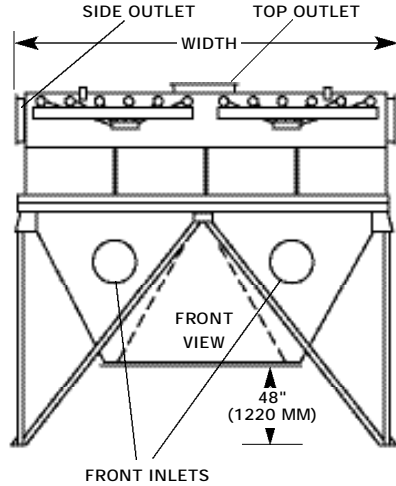
- Foundry sand/metal pouring
- Abrasive blasting
- Lead & other toxic dust
- Carbon black/toner dust
- Ambient filtration

- Welding fumes
- Mixing & blending dust
- Mineral, silica dust
- Plastic & composite dust
- Food additive/spices

Specifications



The TENKAY filter element is 12 1/4" in diameter, 34 1/2" in height, weighs 13 1/2 lbs and has 282 sq ft of filtering surface. (Diameter = 324 mm, height = 876 mm, weight = 6.1 kg, filtering surface = 27.9 m².)



MODEL NUMBER	NUMBER OF FILTER CART.	WEIGHT EST. LBS	MEDIA SQ FT	WIDTH INCHES	DEPTH INCHES	HEIGHT INCHES
9XL	9	1800	2538	54	48	173
16XL	16	3000	4512	72	64	189
24LL	24	4060	6768	108	64	183
24LLS	24	4000	6768	108	64	204
25XL	25	4200	7050	90	80	205
30LL	30	4970	8460	108	80	193
30LLS	30	4950	8460	108	80	213
36XL	36	5800	10152	108	96	213
40LL	40	6100	11280	144	80	196
40LLS	40	6050	11280	144	80	227
49XL	49	7600	13818	126	112	235
50LL	50	7500	14100	180	80	206
60LL	60	8900	16920	180	96	221
64XL	64	9900	18048	144	128	250
72LL	72	10500	20304	216	96	221
72XL	72	10900	20304	162	128	265
80XL	80	11500	22560	180	128	237
84LL	84	11950	23688	252	96	221
96XL	96	13900	27072	216	128	237
102LL	102	14600	28764	306	96	221
120XL	120	17000	33840	270	128	237
144XL	144	20000	40608	324	128	237
160XL	160	21100	45120	260	128	237
200XL	200	28700	56400	450	128	253
240XL	240	33000	67680	540	128	261



FARR APC
Air Pollution Control

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