

CITY COUNCIL MINUTES

October 24, 2022

Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications – Disposable HVAC Filters

Resolution #2022-10-153-J-4i

RESOLVED, That Troy City Council hereby **AWARDS** a one (1) year contract with an option to renew for one (1) additional year for Disposable HVAC Filters to the low total bidder meeting specifications, *Aero Filter, Inc. of Madison Heights, MI* for Proposals A through M at unit prices contained in the bid tabulation opened October 13, 2022, a copy of which shall be **ATTACHED** to the original Minutes of this meeting; not to exceed budgetary limitations; contract to expire October 31, 2024.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon submission of properly executed bid and contract documents, including insurance certificates and all other specified requirements.

AERO FILTER INC
ITB-COT 22-34
DISPOSABLE HVAC FILTERS
CONTRACT-1 YEAR
YR 1 - 10/31/23
RENEWAL-1 YEAR
YR 1 - 10/31/24

PURCHASE ORDER

No. 2023-00000557

DATE: 11/02/2022

PAGE: 1 of 1

FOB DESTINATION

Ship To
 CITY OF TROY
 Building Operations
 500 W BIG BEAVER RD
 TROY, MI 48084

Bill To
 CITY OF TROY
 Building Operations
 4693 ROCHESTER ROAD
 TROY, MI 48085

EXPIRATION DATE

06/30/2023

COUNCIL RESOLUTION


2022-10-153-J-4i

INSTRUCTIONS

Return to Department

VENDOR NO. 161138

Vendor
 AERO FILTER INC
 1604 E AVIS DRIVE
 MADISON HEIGHTS, MI 48071

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1	Lump Sum	City Hall Filters as needed - Proposal A	3,000.0000	\$3,000.00
1	Lump Sum	Police Dept Filters as needed - Proposals A (AHU-3) and B	6,700.0000	\$6,700.00
1	Lump Sum	District Court Filters as needed - Proposal C	3,300.0000	\$3,300.00
1	Lump Sum	Library Filters as needed - Proposal D	1,100.0000	\$1,100.00
1	Lump Sum	Community Center Filters as needed - Proposal E	7,400.0000	\$7,400.00
1	Lump Sum	Training Center Filters as needed - Proposal F	300.0000	\$300.00
1	Lump Sum	Fire Station 1-6 Filters as needed - Proposal G	500.0000	\$500.00
1	Lump Sum	DPW Filters as needed - Proposal H	400.0000	\$400.00
1	Lump Sum	Historic Village Filters as needed - Proposal I	300.0000	\$300.00
1	Lump Sum	Nature Center Filters as needed - Proposal J	100.0000	\$100.00
1	Lump Sum	Sylvan Glen Filters as needed - Proposal K	100.0000	\$100.00
1	Lump Sum	Sanctuary Lake Filters as needed - Proposal L	120.0000	\$120.00
1	Lump Sum	Transit Center Filters as needed - Proposal M	100.0000	\$100.00
				

Entered By: Emily Frontera

\$23,420.00

Special Instructions:

CITY COUNCIL AWARD DATE: 10/24/2022. Contract to provide One (1) Year requirements of Disposable HVAC Filters on as needed basis in accordance with the specifications and delivery requirements of ITB-COT 22-34. This PO is YEAR ONE (1) of Potential Two-Year Contract.

TERMS & CONDITIONS

1. Purchases of Municipalities are exempt from State Sales and Federal Excise Taxes.
2. Prior to acceptance, vendor agrees to provide City with information under the Right-to-Know Law, P.A. 1986, No. 80, and fully comply with all terms and conditions of the Michigan Occupational Safety and Health Act, MCL 408.1001, et seq. including vendor shall provide City with an "MSDS". Vendor also agrees to be responsible for all required labeling.
3. In cases of emergency/disaster, the City can purchase up to six(6) times the order amount for a period of six(6) months at the price contained in the contract.
4. Purchase Orders are signed electronically based upon computer generated "on-line" authorized approvals. Authentic signatures are on file in the City of Troy Purchasing Department.

NOTICE: The City could put the vendor on notice that vendors will be held financially responsible for any claims or awards made against the City as a result of the vendor's action. If the City has to defend the initial lawsuit, the City will bring in the vendor as a co-defendant or sue the vendor, either as the result of settling a claim or the conclusion of the lawsuit.

I HEREBY CERTIFY THAT THIS ORDER IS PROPERLY AUTHORIZED AND APPROVED.

Emily Frontera

CITY OF TROY
 BID TABULATION
 DISPOSABLE HVAC FILTERS

VENDOR NAME:	Filterbuy Inc	Florence Filter Corp	Aero Filter, Inc.	Camfil USA
CITY:	Talladega, AL	Compton, MI	Madison Hgts., MI	Livonia, MI

TO PROVIDE ONE (1) YEAR REQUIRMENTS OF DISPOSABLE HVAC FILTERS FOR THE CITY OF TROY, WITH AN OPTION TO RENEW FOR ONE ADDITIONAL YEAR

PROPOSAL A - CITY HALL											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
1.	AHU-1 (3) AHU-3 (3)	12x24x2 STP CAP WIRE BACK	6	NO BID		\$8.35	\$50.10	\$3.84	\$23.04	\$3.27	\$19.62
2.	AHU-1 (9) AHU-2 (12) AHU-3 (9)	24x24x2 STD CAP WIRE BACK	30			\$9.59	\$287.70	\$5.78	\$173.40	\$5.09	\$152.70
3.	AHU-1 (3) AHU-3 (3)	12x24x12 RIGID CELL 85S HFT Plastic Frame: Header; Side Gasket on 1-12 in and 1-24 in	6	\$68.03	\$408.18	\$56.09	\$336.54	\$52.58	\$315.48	\$93.75	\$562.50
4.	AHU-1 (9) AHU-2 (12) AHU-3 (9)	24x24x12 RIGID CELL 85S HF4 Plastic Frame: Header: Side Gasket on 1-24 in Dimension	30	\$77.39	\$2,321.70	\$77.73	\$2,331.90	\$68.39	\$2,051.70	\$117.77	\$3,533.10
5.	AHU-3	12x24x12, 99.99% HC HEPA S Gasket (11.38 x 23.38 x 11.5)	3	NO BID		\$258.97	\$776.91	\$350.37	\$1,051.11	\$219.87	\$659.61
6.	AHU-3	24x24x12 99.99% HC HEPA w/DS Gasket (11.38 x 23.3 x 11.5)	9			\$295.13	\$2,656.17	\$409.02	\$3,681.18	\$307.45	\$2,767.05
7.	AHU-5	12x24xPanel 2 Ply Panel	6			\$8.67	\$52.02	\$4.47	\$26.82	\$3.93	\$23.58
8.	AHU-5	24x24xPanel 2 Ply Panel	15			\$10.21	\$153.15	\$5.78	\$86.70	\$3.56	\$53.40
9.	AHU-5	12x24x15 BAG 85S 3P SH M13 WTC FA-TL	6			\$24.42	\$146.52	\$19.50	\$117.00	\$52.20	\$313.20
10.	AHU-5	24x24x15 BAG 85S 6P SH M13 WTC FA-TL	15	\$37.78	\$566.70	\$30.52	\$457.80	\$36.40	\$546.00		
11.	FIRE CONF	20x20x1	1	\$5.01	\$5.01	\$8.55	\$8.55	\$4.27	\$4.27	\$3.41	\$3.41
MANUFACTURER:				Filterbuy	FFC, GlasFloss, Pamlico	Aero Filter, Inc.	Camfil USA				
PROPOSAL A TOTAL:				\$2,734.89	\$7,366.26	\$7,988.50	\$8,634.17				

PROPOSAL B - POLICE											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
12.	RTU-1 (24) RTU-2 (24)	12x24x2 STD CAP WIRE BACK	48	NO BID		\$8.35	\$400.80	\$3.84	\$184.32	\$3.27	\$156.96
13.	RTU-3	24x24x2	6	\$6.78	\$40.68	\$9.59	\$57.54	\$5.78	\$34.68	\$5.09	\$30.54
14.	RTU-4	18x24x2	4	\$6.34	\$25.36	\$9.06	\$36.24	\$5.03	\$20.12	\$4.44	\$17.76
15.	ACU-1 (1) ACU-2 (1) ACU-4 (1) ACU-5 (1)	16x20x1	4	\$5.24	\$20.96	\$8.24	\$32.96	\$3.84	\$15.36	\$2.99	\$11.96
16.	ACU-3	16x25x1	1	\$5.62	\$5.62	\$8.55	\$8.55	\$4.27	\$4.27	\$3.51	\$3.51
17.	Dispatch Equipment	20x20x4	2	\$8.22	\$16.44	\$11.26	\$22.52	\$8.59	\$17.18	\$7.65	\$15.30
18.	FPBs	20x25x1	5	\$6.02	\$30.10	\$8.86	\$44.30	\$4.75	\$23.75	\$3.99	\$19.95
19.	PD Garage Unit Heater	16x25x2	2	\$5.88	\$11.76	\$8.86	\$17.72	\$4.69	\$9.38	\$4.01	\$8.02
MANUFACTURER:				Filterbuy	FFC, GlasFloss, Pamlico	Airflow Products	Camfil USA				
PROPOSAL B TOTAL:				\$150.92	\$620.63	\$309.06	\$264.00				

PROPOSAL C - DISTRICT 52-4 COURT											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
20.	RTU-1 (10) RTU-2 (10)	24x24x2 Ply Panel	20	NO BID		\$10.21	\$204.20	\$5.78	\$115.60	\$3.46	\$69.20
21.	RTU-1 (5) RTU-2 (5)	12x24x2 Ply Panel	10			\$8.67	\$86.70	\$4.47	\$44.70	\$3.77	\$37.70
22.	RTU-1 (10) RTU-2 (10)	24x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	20			\$64.57	\$1,291.40	\$66.81	\$1,336.20	\$74.71	\$1,494.20
23.	RTU-1 (5) RTU-2 (5)	12x24x4 MINIPLEAT M11 BX PUR II 122446 DIE CUT FRAME MICROGLASS MEDIA: BOX	10			\$48.48	\$484.80	\$40.66	\$406.60	\$51.06	\$510.60
24.	RTU-3	16x24x4	24	\$8.65	\$207.60	\$10.97	\$263.28	\$8.44	\$202.56	\$8.44	\$202.56
25.	RTU-3	20x20x1 METAL MESH	20	NO BID		\$33.85	\$677.00	\$22.68	\$453.60	\$29.85	\$597.00
MANUFACTURER:				Filterbuy	FFC, GlasFloss, Pamlico	Aero Filter; Airflow Prdts; GlasFlow	Camfil USA				
PROPOSAL C TOTAL:				\$207.60	\$3,007.38	\$2,559.26	\$2,911.26				

CITY OF TROY
 BID TABULATION
 DISPOSABLE HVAC FILTERS

PROPOSAL D - LIBRARY				Filterbuy Inc		Florence Filter Corp		Aero Filter, Inc.		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
26.	RTU-1	16x20x2	4	\$4.98	\$19.92	\$8.43	\$33.72	\$4.12	\$16.48	\$3.47	\$13.88
27.	RTU-2 RTU-7 RTU-8 RTU-9 *NEW 2023	20x20x2	12	\$5.94	\$71.28	\$8.80	\$105.60	\$4.64	\$55.68	\$4.01	\$48.12
28.	RTU-3	24x24x2	6	\$6.78	\$40.68	\$9.59	\$57.54	\$5.78	\$34.68	\$5.09	\$30.54
29.	RTU-4 (4) RTU-5 (4)	18x24x2	8	\$6.34	\$50.72	\$9.06	\$72.48	\$5.03	\$40.24	\$4.44	\$35.52
30.	RTU 6-10 (2 each)	16x25x2	10	\$5.88	\$58.80	\$8.86	\$88.60	\$4.69	\$46.90	\$4.01	\$40.10
31.	Basement	24x24x4 STD CAP WIRE BACK	10	NO BID		\$11.34	\$113.40	\$10.81	\$108.10	\$9.45	\$94.50
32.	Basement	12x24x4 STD CAP WIRE BACK	5			\$10.86	\$54.30	\$6.49	\$32.45	\$5.96	\$29.80
33.	Furnace Basement	20x25x5 AIR BEAR	1	\$13.86	\$13.86	\$40.48	\$40.48	\$16.44	\$16.44	\$14.14	\$14.14
34.	Lobby	16x25x1	1	\$5.62	\$5.62	\$8.55	\$8.55	\$4.27	\$4.27	\$3.51	\$3.51
35.	Condenser	15x20x1	1	\$5.66	\$5.66	\$8.24	\$8.24	\$3.86	\$3.86	\$3.18	\$3.18
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts; GlasFloss		Camfil USA	
PROPOSAL D TOTAL:				\$266.54		\$582.91		\$359.10		\$313.29	
PROPOSAL E - COMMUNITY CENTER											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
36.	RTU 1-1 (8) RTU 1-2 (8) RTU 2-1 (8) RTU 3-1 (6) RTU 4-1 (6)	24x24x2	36	\$6.78	\$244.08	\$9.59	\$345.24	\$5.78	\$208.08	\$5.09	\$183.24
37.	RTU 2-2 (24) RTU 3-1 (3) RTU 4-1 (3)	12x24x2	30	\$5.60	\$168.00	\$8.35	\$250.50	\$3.84	\$115.20	\$3.27	\$98.10
38.	ERV 3-1	16x20x2	4	\$4.98	\$19.92	\$8.43	\$33.72	\$4.12	\$16.48	\$3.47	\$13.88
39.	(12) ERV 1-2 ERV 4-1 ERV 5-1 ERV 5-2 ERV 6-1	16x25x2	80	\$5.88	\$470.40	\$8.86	\$708.80	\$4.69	\$375.20	\$5.14	\$411.20
40.	(12) RTU 5-2 (12) RTU 6-1 (12)	20x20x2	36	\$5.94	\$213.84	\$8.80	\$316.80	\$4.64	\$167.04	\$4.01	\$144.36
41.	ERV 2-1 (6) ERV 2-2 (6) MAU 4-1 (4)	20x25x2	16	\$6.50	\$104.00	\$9.26	\$148.16	\$5.31	\$84.96	\$4.44	\$71.04
42.	RTU 1-1 (8) RTU 1-2 (8) RTU 2-1 (8) RTU 3-1 (6) RTU 4-1 (6)	24x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	36	NO BID		\$64.57	\$2,324.52	\$66.81	\$2,405.16	\$76.36	\$2,748.96
43.	RTU 2-2 (24) RTU 3-1 (3) RTU 4-1 (3)	12x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	30			\$48.48	\$1,454.40	\$40.66	\$1,219.80	\$52.19	\$1,565.70
44.	DHU 4-1	12x24x4 STD CAP WIRE RACK	24			\$10.86	\$260.64	\$6.49	\$155.76	\$5.96	\$143.04
45.	VAV	17 3/8 x 21 3/4 x 1	18	\$7.78	\$140.04	\$9.85	\$177.30	\$3.91	\$70.38	\$14.18	\$255.24
46.	VAV	9 7/8 x 13 1/2 x 1	2	\$7.68	\$15.36	\$8.68	\$17.36	\$3.35	\$6.70	\$7.93	\$15.86
47.	VAV	14 7/8 x 17 3/8 x 1	7	\$8.06	\$56.42	\$9.43	\$66.01	\$3.98	\$27.86	\$11.15	\$78.05
48.	VAV	12 3/8 x 15 1/2 x 1	5	\$8.66	\$43.30	\$9.16	\$45.80	\$3.69	\$18.45	\$11.15	\$55.75
49.	VAV	8x19x1	1	\$8.55	\$8.55	\$9.22	\$9.22	\$3.48	\$3.48	\$7.93	\$7.93
50.	VAV	20x20x1	2	\$5.01	\$10.02	\$8.55	\$17.10	\$4.27	\$8.54	\$3.41	\$6.82
MANUFACTURER:				Filterbuy		FFC, GlasFloss, Pamlico		Air Rite; GlasFloss; Airflow Prdts		Camfil USA	
PROPOSAL E TOTAL:				\$1,493.93		\$6,175.57		\$4,883.09		\$5,799.17	

CITY OF TROY
 BID TABULATION
 DISPOSABLE HVAC FILTERS

PROPOSAL F - TRAINING CENTER				Filterbuy Inc		Florence Filter Corp		Aero Filter, Inc.		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
51.	RTU 1-6	16x25x2	12	\$5.88	\$70.56	\$8.86	\$106.32	\$4.69	\$56.28	\$4.01	\$48.12
52.	NEW 2023	20x20x2	24	\$5.94	\$142.56	\$8.80	\$211.20	\$4.64	\$111.36	\$4.01	\$96.24
MANUFACTURER:				Filterbuy		Not Specified		Airflow Prdts		Camfil USA	
PROPOSAL F TOTAL:				\$213.12		\$317.52		\$167.64		\$144.36	
PROPOSAL G - FIRE STATION 1-6				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
53.	FS 1 (1) FS 2 (1) FS 5 (1) FS 6 (1)	20x25x5 Air Bear	4	\$13.86	\$55.44	\$40.48	\$161.92	\$16.44	\$65.76	\$14.14	\$56.56
54.	FS 1 (1) Electrical	18x25x1	1	\$6.08	\$6.08	\$10.30	\$10.30	\$5.34	\$5.34	\$4.46	\$4.46
55.	FS 3 (3)	16x25x1	3	\$5.62	\$16.86	\$8.55	\$25.65	\$4.27	\$12.81	\$3.51	\$10.53
56.	FS 4 (4)	16x20x2	4	\$4.98	\$19.92	\$8.43	\$33.72	\$4.12	\$16.48	\$3.47	\$13.88
57.	FS 4 (4)	20x25x2	4	\$6.50	\$26.00	\$9.26	\$37.04	\$5.31	\$21.24	\$4.44	\$17.76
58.	FS 4 (4)	20x20x2	4	\$5.94	\$23.76	\$8.80	\$35.20	\$4.64	\$18.56	\$4.01	\$16.04
59.	FS 4 Air Scrubbers	24x24x3 Ply Panel	6	NO BID		\$12.35	\$74.10	\$9.50	\$57.00	\$2.14	\$12.84
60.	FS 4 Weight	20x20x1	1	\$5.01	\$5.01	\$8.55	\$8.55	\$4.27	\$4.27	\$3.41	\$3.41
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL G TOTAL:				\$153.07		\$386.48		\$201.46		\$135.48	
PROPOSAL H - DWA				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
61.	RTU 1 (4) RTU 2 (4) RTU 3 (4)	20x25x2	12	\$6.50	\$78.00	\$9.26	\$111.12	\$5.31	\$63.72	\$4.44	\$53.28
62.	RTU 4 (4) RTU 5 (2)	16x20x2	6	\$4.98	\$29.88	\$8.43	\$50.58	\$4.12	\$24.72	\$3.47	\$20.82
63.	GG (1) Fac Stor (1)	16x25x1	2	\$5.62	\$11.24	\$8.55	\$17.10	\$4.27	\$8.54	\$3.51	\$7.02
64.	GG	14x20x1	1	\$5.38	\$5.38	\$8.32	\$8.32	\$3.93	\$3.93	\$2.71	\$2.71
65.	Room	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
66.	Lounge	12x24x1	3	\$5.52	\$16.56	\$8.33	\$24.99	\$3.79	\$11.37	\$3.05	\$9.15
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
PROPOSAL H TOTAL:				\$153.10		\$229.83		\$121.78		\$100.96	
PROPOSAL I - HISTORIC VILLAGE				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
67.	Caswell	20x20x1	1	\$5.01	\$5.01	\$8.55	\$8.55	\$4.27	\$4.27	\$3.41	\$3.41
68.	Barnard	20x20x2 Glassfloss Zline	2	NO BID		\$8.80	\$17.60	\$4.64	\$9.28	\$4.01	\$8.02
69.	Main	20x22x1	1	\$6.00	\$6.00	\$8.60	\$8.60	\$6.97	\$6.97	\$16.58	\$16.58
70.	Main	14x25x1	1	\$5.82	\$5.82	\$8.57	\$8.57	\$4.82	\$4.82	\$3.49	\$3.49
71.	Print Shop	16x20x1	1	\$5.24	\$5.24	\$8.24	\$8.24	\$3.84	\$3.84	\$2.99	\$2.99
72.	Barnard (1) Caswell (1) Town Hall Gen S F1 Gen S F2 Pars F1 (1) Ch F1 (1) Ch F2 (1) NEW 2022	16x25x1	8	\$5.62	\$44.96	\$8.55	\$68.40	\$4.27	\$34.16	\$3.51	\$28.08
73.	Poppleton	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
74.	Barnard	20x25x4 Carbon Pleat	1	\$22.54	\$22.54	\$32.37	\$32.37	\$27.12	\$27.12	\$48.31	\$48.31
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL I TOTAL:				\$101.61		\$170.05		\$99.96		\$118.86	

CITY OF TROY
 BID TABULATION
 DISPOSABLE HVAC FILTERS

VENDOR NAME: Filterbuy Inc | Florence Filter Corp | Aero Filter, Inc. | Camfil USA

PROPOSAL J - NATURE CENTER											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
75.	F1 (1) F4 (1) F5 (1) F6 (1)	18x24x1	4	\$6.14	\$24.56	\$8.84	\$35.36	\$4.69	\$18.76	\$3.53	\$14.12
76.	F2 (1) F3 (1)	16x20x1	2	\$5.24	\$10.48	\$8.24	\$16.48	\$3.84	\$7.68	\$2.99	\$5.98
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
PROPOSAL J TOTAL:				\$35.04		\$51.84		\$26.44		\$20.10	
PROPOSAL K - SYLVAN GLEN											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
77.	RTU-1MB	16x25x1	2	\$5.62	\$11.24	\$8.55	\$17.10	\$4.27	\$8.54	\$3.51	\$7.02
78.	RTU-1MB	14x30x1	1	\$6.30	\$6.30	\$8.61	\$8.61	\$6.65	\$6.65	\$14.18	\$14.18
79.	F2 MB	16x25x1	1	\$5.62	\$5.62	\$8.55	\$8.55	\$4.27	\$4.27	\$3.51	\$3.51
80.	Pro Shop	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
PROPOSAL K TOTAL:				\$35.20		\$51.98		\$28.96		\$32.69	
PROPOSAL L - SANCTUARY LAKE											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
81.	Pro Shop (1) Pub (1)	16x25x1	2	\$5.62	\$11.24	\$8.55	\$17.10	\$4.27	\$8.54	\$3.51	\$7.02
82.	AH Kitchen	20x22x1	1	\$6.00	\$6.00	\$8.60	\$8.60	\$6.97	\$6.97	\$14.67	\$14.67
83.	F MB Attic	14x24x1	1	\$5.76	\$5.76	\$8.39	\$8.39	\$6.21	\$6.21	\$4.38	\$4.38
84.	Clubhouse	20x20x1	4	\$5.01	\$20.04	\$8.55	\$34.20	\$4.27	\$17.08	\$3.41	\$13.64
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL L TOTAL:				\$43.04		\$68.29		\$38.80		\$39.71	
PROPOSAL M - TRANSIT CENTER											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
85.	Mechanical Room	16x24x1	1	\$6.00	\$6.00	\$8.57	\$8.57	\$4.45	\$4.45	\$4.00	\$4.00
86.	Bridge 1 on each end	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
87.	Stairways (1) South lower level (2) North lower level	9 3/4 x 32 5/8 x 1	3	\$9.25	\$27.75	\$10.52	\$31.56	\$5.23	\$15.69	\$14.18	\$42.54
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL M TOTAL:				\$45.79		\$57.85		\$29.64		\$54.52	
OVERALL TOTAL:				\$5,633.85		\$19,086.59		\$16,813.69		\$18,568.57	
PROPOSAL N - MISC FILTERS											
DISCOUNT ON ALL OTHER FILTERS NOT LISTED:				0%		0%		0%		Not Specified	
MANUFACTURER:				Filterbuy		Florence Filter Corp					
AUTHORIZED DEALER: Y or N				Y		Y		Y		Y	
WARRANTY:				Return unused product within 90 days for full refund		Please see attached		Dependent on request		Not Specified	
CONTACT INFORMATION: Names:				Erin Spohn, Jr. Bid Analyst; Chelsea Gayden, Bid Manager		Nagah Hanna; Karen Lopez		Jeff Williams sales@aerofilter.com		Brent Phillips	
24Hr Phone:				843-232-6937 213-915-8148		310-637-1137		248-670-2020		734-261-1860	
Hrs. of Operation:				8:30 am - 5:30 pm EST		12 hours		M-Th 7am-5pm; F 7am-4:30pm			
DELIVERY REQUIREMENTS INITIALED: Y or N				Y		Y		Y		N	
METHOD OF DELIVERY:				Truck - FOB		FedEx; UPS		Our truck or customer pick-up		Truck	
DESCRIPTIVE LITERATURE PROVIDED: Y or N				Y		Y		Y		Y	
REFERENCES: Y or N				Y		Y		Y		Y	
PAYMENT TERMS:				Net 30		30 days		Net 30		Net 30	
ALL OR NONE AWARD: Y or N				N		N		N		Y	
EXCEPTIONS: Y or N				None		None		None		None	
ACKNOWLEDGEMENT SIGNED: Y or N				Y		Y		Y		Y	
FORMS: Y or N				Y		Y		Y		Incomplete	

Attest:
 (*Bid Opening conducted via a Zoom Meeting)
 Zach Haapala
 Laura Campbell
 Beth Zaccardelli

Emily Frontera
 Purchasing Manager



**CITY OF TROY
BID PROPOSAL PAGE**

ITB-COT 22-34
1 of 9

The undersigned proposes to **PROVIDE ONE (1) YEAR REQUIRMENTS OF DISPOSABLE HVAC FILTERS FOR THE CITY OF TROY, WITH AN OPTION TO RENEW FOR ONE ADDITIONAL YEAR** in accordance with the specifications, which are to be considered an integral part of this proposal, at the following prices stated below:

COMPANY NAME: AERO FILTER, INC.

PROPOSAL A - CITY HALL

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
1.	AHU-1 (3) AHU-3 (3)	12x24x2 STP CAP WIRE BACK	6	\$ 3.84	\$ 23.04
2.	AHU-1 (9) AHU-2 (12) AHU-3 (9)	24x24x2 STD CAP WIRE BACK	30	\$ 5.78	\$ 173.40
3.	AHU-1 (3) AHU-3 (3)	12x24x12 RIGID CELL 85S HFT Plastic Frame: Header; Side Gasket on 1-12 in and 1-24 in	6	\$ 52.58	\$ 315.48
4.	AHU-1 (9) AHU-2 (12) AHU-3 (9)	24x24x12 RIGID CELL 85S HF4 Plastic Frame: Header: Side Gasket on 1-24in Dimension	30	\$ 68.39	\$ 2,051.70
5.	AHU-3	12x24x12, 99.99% HC HEPA w/DS Gasket (11.38 x 23.38 x 11.5)	3	\$ 350.37	\$ 1,051.11
6.	AHU-3	24x24x12 99.99% HC HEPA w/DS Gasket (11.38 x 23.38 x 11.5)	9	\$ 409.02	\$ 3,681.18
7.	AHU-5	12x24xPanel 2 Ply Panel	6	\$ 4.47	\$ 26.82
8.	AHU-5	24x24xPanel 2 Ply Panel	15	\$ 5.78	\$ 86.70
9.	AHU-5	12x24x15 BAG 85S 3P SH M13 WTC FA-TL	6	\$ 19.50	\$ 117.00
10.	AHU-5 WTC FA-TL	24x24x15 BAG 85S 6P SH M13	15	\$ 30.52	\$ 457.80
11.	FIRE CONF	20x20x1	1	\$ 4.27	\$ 4.27

Manufacturer: AERO FILTER, INC.

PROPOSAL A TOTAL \$ 7,988.50

PROPOSAL B - POLICE

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
12.	RTU-1 (24) RTU-2 (24)	12x24x2 STD CAP WIRE BACK	48	\$ 3.84	\$ 184.32
13.	RTU-3	24x24x2	6	\$ 5.78	\$ 34.68
14.	RTU-4	18x24x2	4	\$ 5.03	\$ 21.72
15.	ACU-1 (1) ACU-2 (1) ACU-4 (1) ACU-5 (1)	16x20x1	4	\$ 3.84	\$ 15.36
16.	ACU-3	16x25x1	1	\$ 4.27	\$ 4.27
17.	Dispatch Equipment	20x20x4	2	\$ 8.59	\$ 17.18
18.	FPBs	20x25x1	5	\$ 4.75	\$ 23.75
19.	PD Garage Unit Heater	16x25x2	2	\$ 4.69	\$ 9.38
Manufacturer: <u>AIRFLOW PRODUCTS</u>					PROPOSAL B TOTAL \$ <u>310.66</u>

PROPOSAL C - DISTRICT 52-4 COURT

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
20.	RTU-1 (10) RTU-2 (10)	24x24x2 Ply Panel	20	\$ 5.78	\$ 115.60
21.	RTU-1 (5) RTU-2 (5)	12x24x2 Ply Panel	10	\$ 4.47	\$ 44.70
22.	RTU-1 (10) RTU-2 (10)	24x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	20	\$ 66.81	\$ 1,336.20
23.	RTU-1 (5) RTU-2 (5)	12x24x4 MINIPLEAT M11 BX PUR II 122446 DIE CUT FRAME MICROGLASS MEDIA: BOX	10	\$ 40.66	\$ 406.60
24.	RTU-3	16x24x4	24	\$ 8.44	\$ 202.56
25.	RTU-3	20x20x1 METAL MESH	20	\$ 22.68	\$ 453.60
Manufacturer: <u>AIRFLOW PRDTS; GLASFLOSS; AERO FILTER, INC.</u>					PROPOSAL C TOTAL \$ <u>2,559.26</u>

COMPANY NAME: AERO FILTER, INC.

PROPOSAL D - LIBRARY

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
26.	RTU-1	16x20x2	4	\$ 4.12	\$ 16.48
27.	RTU-2 *RTU-7 *RTU-8 *RTU-9 *NEW 2023	20x20x2	12	\$ 4.64	\$ 55.68
28.	RTU-3	24x24x2	6	\$ 5.78	\$ 34.68
29.	RTU-4 (4) RTU-5 (4)	18x24x2	8	\$ 5.03	\$ 40.24
30.	RTU 6-10 (2 each)	16x25x2	10	\$ 4.69	\$ 46.90
31.	AH BASEMENT	24x24x4 STD CAP WIRE BACK	10	\$ 10.81	\$ 108.10
32.	AH BASEMENT	12x24x4 STD CAP WIRE BACK	5	\$ 6.49	\$ 32.45
33.	Furnace Basement	20x25x5 AIR BEAR	1	\$ 16.44	\$ 16.44
34.	Elevator Lobby	16x25x1	1	\$ 4.27	\$ 4.27
35.	Condenser	15x20x1	1	\$ 3.86	\$ 3.86
Manufacturer: <u>AIRFLOW PRDTS; GLASFLOSS</u>					PROPOSAL D TOTAL \$ 359.10

PROPOSAL E - COMMUNITY CENTER

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
36.	RTU 1-1 (8) RTU 1-2 (8) RTU 2-1 (8) RTU 3-1 (6) RTU 4-1 (6)	24x24x2	36	\$ 5.78	\$ 208.08
37.	RTU 2-2 (24) RTU 3-1 (3) RTU 4-1 (3)	12x24x2	30	\$ 3.84	\$ 115.20
38.	ERV 3-1	16x20x2	4	\$ 4.12	\$ 16.48
COMPANY NAME: <u>AERO FILTER, INC.</u>					

PROPOSAL E – COMMUNITY CENTER (CONTINUED)

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
39.	ERV 1-1 (12) ERV 1-2 (12) ERV 4-1 (14) ERV 5-1 (14) ERV 5-2 (14) ERV 6-1 (14)	16x25x2	80	\$ 4.69	\$ 375.20
40.	RTU 5-1 (12) RTU 5-2 (12) RTU 6-1 (12)	20x20x2	36	\$ 4.64	\$ 167.04
41.	ERV 2-1 (6) ERV 2-2 (6) MAU 4-1 (4)	20x25x2	16	\$ 5.31	\$ 84.96
42.	RTU 1-1 (8) RTU 1-2 (8) RTU 2-1 (8) RTU 3-1 (6) RTU 4-1 (6)	24x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	36	\$ 66.81	\$ 2,405.16
43.	RTU 2-2 (24) RTU 3-1 (3) RTU 4-1 (3)	12x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	30	\$ 40.66	\$ 1,219.80
44.	DHU 4-1	12x24x4 STD CAP WIRE RACK	24	\$ 6.49	\$ 155.76
45.	VAV	17 3/8 x 21 3/4 x 1	18	\$ 3.91	\$ 70.38
46.	VAV	9 7/8 x 13 1/2 x 1	2	\$ 3.35	\$ 6.70
47.	VAV	14 7/8 x 17 3/8 x 1	7	\$ 3.98	\$ 27.86
48.	VAV	12 3/8 x 15 1/2 x 1	5	\$ 3.69	\$ 18.45
49.	VAV	8x19x1	1	\$ 3.48	\$ 3.48
50.	VAV	20x20x1	2	\$ 4.27	\$ 8.54
Manufacturer: AIRFLOW PRDTS; GLASFLOSS; AIR RITE				PROPOSAL E TOTAL	\$ 4,883.09

PROPOSAL F – TRAINING CENTER

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
51.	RTU 1-6	16x25x2	12	\$ 4.69	\$ 56.28
52.	NEW 2023	20x20x2	24	\$ 4.64	\$ 111.36
Manufacturer: AIRFLOW PRDTS				PROPOSAL F TOTAL	\$ 167.64

COMPANY NAME: AERO FILTER, INC.

PROPOSAL G – FIRE STATION 1-6

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
53.	FS 1 (1) FS 2 (1) FS 5 (1) FS 6 (1)	20x25x5 Air Bear	4	\$ 16.44	\$ 65.76
54.	FS 1 (1) Electrical	18x25x1	1	\$ 5.34	\$ 5.34
55.	FS 3 (3)	16x25x1	3	\$ 4.27	\$ 12.81
56.	FS 4 (4)	16x20x2	4	\$ 4.12	\$ 16.48
57.	FS 4 (4)	20x25x2	4	\$ 5.31	\$ 21.24
58.	FS 4 (4)	20x20x2	4	\$ 4.64	\$ 18.56
59.	FS 4 Air Scrubbers	24x24x3 Ply Panel	6	\$ 9.50	\$ 57.00
60.	FS 4 Weight	20x20x1	1	\$ 4.27	\$ 4.27

Manufacturer: AIRFLOW PRDTS; AERO FILTER, INC. **PROPOSAL G TOTAL \$** 201.46

PROPOSAL H - DPW

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
61.	RTU 1 (4) RTU 2 (4) RTU 3 (4)	20x25x2	12	\$ 5.31	\$ 63.72
62.	RTU 4 (4) RTU 5 (2)	16x20x2	6	\$ 4.12	\$ 24.72
63.	GG (1) Fac Stor (1)	16x25x1	2	\$ 4.27	\$ 8.54
64.	GG	14x20x1	1	\$ 3.93	\$ 3.93
65.	GG Tool Room	20x25x1	2	\$ 4.75	\$ 9.50
66.	Lounge	12x24x1	3	\$ 3.79	\$ 11.37

Manufacturer: AIRFLOW PRDTS **PROPOSAL H TOTAL \$** 121.78

COMPANY NAME: AERO FILTER, INC.

PROPOSAL I – HISTORIC VILLAGE

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
67.	Caswell	20x20x1	1	\$ 4.27	\$ 4.27
68.	Barnard	20x20x2 CHESTNUT	2	\$ 4.64	\$ 9.28
69.	Main	20x22x1 2 Ply Panel	1	\$ 6.97	\$ 6.97
70.	Main	14x25x1	1	\$ 4.82	\$ 4.82
71.	Print Shop	16x20x1	1	\$ 3.84	\$ 3.84
72.	Barnard (1) Caswell (1) Town Hall (1) Gen S F1 (1) Gen S F2 (1) Pars F1 (1) Ch F1 (1) Ch F2 (1) NEW 2022	16x25x1	8	\$ 4.27	\$ 34.16
73.	Poppleton	20x25x1	2	\$ 4.75	\$ 9.50
74.	Barnard	20x25x4 Carbon Pleat	1	\$ 27.12	\$ 27.12
Manufacturer: AIRFLOW PRDTS; AERO FILTER, INC.				PROPOSAL I TOTAL	\$ 99.96

PROPOSAL J – NATURE CENTER

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
75.	F1 (1) F4 (1) F5 (1) F6 (1)	18x24x1	4	\$ 4.69	\$ 18.76
76.	F2 (1) F3 (1)	16x20x1	2	\$ 3.84	\$ 7.68
Manufacturer: AIRFLOW PRDTS				PROPOSAL J TOTAL	\$ 26.44

PROPOSAL K – SYLVAN GLEN

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	ESTIMATED QUANTITY	PRICE EACH	TOTAL
77.	RTU-1MB	16x25x1	2	\$ 4.27	\$ 8.54
78.	RTU-1MB	14x30x1 2 Ply Panel	1	\$ 6.65	\$ 6.65
COMPANY NAME: AERO FILTER, INC.					

PROPOSAL K – SYLVAN GLEN (CONTINUED)

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	QTY PER FILTER CHANGE AS NEEDED	PRICE EACH	TOTAL
79.	F2 MB	16x25x1	1	\$ 4.27	\$ 4.27
80.	Pro Shop	20x25x1	2	\$ 4.75	\$ 9.50
Manufacturer: <u>AIRFLOW PRDTS</u>				PROPOSAL K TOTAL \$	<u>28.96</u>

PROPOSAL L – SANCTUARY LAKE

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	QTY PER FILTER CHANGE AS NEEDED	PRICE EACH	TOTAL
81.	Pro Shop (1) Pub (1)	16x25x1	2	\$ 4.27	\$ 8.54
82.	AH Kitchen	20x22x1 2 Ply Panel	1	\$ 6.97	\$ 6.97
83.	F MB Attic	14x24x1	1	\$ 6.21	\$ 6.21
84.	RT Clubhouse	20x20x1	4	\$ 4.27	\$ 17.08
Manufacturer: <u>AIRFLOW PRDTS; AERO FILTER, INC.</u>				PROPOSAL L TOTAL \$	<u>38.80</u>

PROPOSAL M – TRANSIT CENTER

ITEM	UNIT(S)	SIZE IN INCHES DESCRIPTION	QTY PER FILTER CHANGE AS NEEDED	PRICE EACH	TOTAL
85.	Mechanical Room	16x24x1	1	\$ 4.45	\$ 4.45
86.	Bridge 1 on each end	20x25x1	2	\$ 4.75	\$ 9.50
87.	Stairways (1) South lower level (2) North lower Level	9 3/4 x 32 5/8 x 1 (10 x 33) 2 Ply Panel	3	\$ 5.23	\$ 15.69
Manufacturer: <u>AIRFLOW PRDTS; AERO FILTER,, INC.</u>				PROPOSAL M TOTAL \$	<u>29.64</u>

PROPOSAL N – MISC FILTERS

A discount of 0 % will be given on all other filters not listed - Manufacturer

A published list or company pricing sheet will be accepted. Price lists shall be submitted with the bid or available on-line at _____ dated _____

COMPANY NAME: AERO FILTER, INC.

NOTE: All dimensions are provided in inches. Cost includes delivery to City of Troy, Facilities Division, 4693 Rochester Road, Troy, Michigan 48085. Exact quantities to be purchased are unknown and the City is not obligated to order or accept more than the actual requirements during the contract period.

ESTIMATED QUANTITIES:

Quantities stated are estimated and are not guaranteed. Quantities stated are for award purposes only and based upon past usage. The City of Troy will not be penalized for ordering more or less than the stated quantities.

UNIT PRICES:

Unit prices prevail. The City of Troy Purchasing Department will correct all mathematical errors.

AUTHORIZED DEALER: () Our company is an authorized distributor of this product
() Our company is not an authorized distributor of this product.

STATE WARRANTY: _____

CONTACT INFORMATION:

Name(s): JEFF WILLIAMS 24 Hr. Phone No. 248-670-2020
sales@aerofilter.com
Hours of operation: M-TH 7AM-5PM
FRIDAY 7AM-4:30PM

ADDITIONAL INFORMATION:

For questions about the specifications, please email Laura Campbell, at l.campbell@troymi.gov.

DELIVERY:

Items are to be F.O.B. delivered, freight paid to: ATTN: City of Troy, Facilities Division, 4693 Rochester Road, Troy, MI 48085. Items will be ordered on an as needed basis. Inside delivery is required.

All packages will be tagged with Location and Unit ID: JW (initial here).

Describe your method of delivery? (example: your truck, UPS, FedEx, etc.,) OUR TRUCK OR CUSTOMER PICK-UP

Note: If delivery is by your truck, the City requires insurance, see attached sample document.

The company providing delivery will be required to remove boxes from the truck and bring them inside: JW (initial here).

DOWN-PAYMENTS OR PREPAYMENTS:

Any bid proposal submitted which requires a down-payment or prepayment prior to delivery and full acceptance of the item(s) as being in conformance with specifications will not be considered for award.

DESCRIPTIVE LITERATURE:

Please submit with your company's bid proposal the latest printed literature and detailed specifications on materials to be furnished. This literature is for informational purposes only.

Did you include a product literature?	Yes <u>X</u>	No _____
Did you include Test Information?	Yes <u>X</u>	No _____

APPROVED ALTERNATES:

The Facilities Operations Manager or his designated representative will review material submitted for consideration as an approved alternate. The decision made as to acceptability will be deemed in the City of Troy's best interest and will be final.

COMPANY NAME: AERO FILTER, INC.
Bid Proposal

AWARD:

The evaluation and award of this bid shall be a combination of factors, including but not limited to: cost, professional competence, equipment as specified, warranties, and the correlation of the proposal submitted to the needs of the City of Troy.

Each proposal will be considered as a separate bid. The City of Troy reserves the right to award this bid to the lowest responsible bidder(s) meeting specifications for the purchase of **DISPOSABLE HVAC FILTERS** to combine the items in whatever manner is deemed to be in the City of Troy's best interest; to reject low bids which have major deviations from the specifications; to accept a higher bid which has only minor deviations.

CONTRACT FORMS:

Bidders should complete and sign the Legal Status of Bidder, Non-Collusion Affidavit, Certification regarding Debarment, the Certification regarding "Iran Linked Business" and the Familial Disclosure Forms and return with your bid proposal

LOCAL PREFERENCE:

The City of Troy reserves the right to award a contract to a local business, one which pays City of Troy taxes (real and/or personal), if the bid of a local vendor is within 5% of the lowest responsive and responsible non-local bidder, then the local vendor is given one chance to match the low bid.

PURCHASE ORDER:

After approval of the successful bidder(s) by the Troy City Council, the purchase order issued from the City of Troy will create a bilateral contract between the parties and commit the successful bidder(s) to perform the contract in accordance with specifications. The Purchase orders will be released upon the City's acceptance of the specified insurance. A contract document/ agreement will not be issued.

REFERENCES:

Please list at least three (3) municipalities that have purchased filters from your company.

COMPANY: CITY OF ANN ARBOR
ADDRESS: 301 E HURON / ANN ARBOR MI 48104
CONTACT: PURCHASING PHONE: 734-794-6576
EMAIL: www.a2gov.org

COMPANY: CITY OF STERLING HEIGHTS
ADDRESS: 40555 UTICA RD / STERLING HTS MI 48313
CONTACT: TODD MACOVIS PHONE: 586-506-7886
EMAIL: www.sterling-heights.net

COMPANY: CITY OF NOVI
ADDRESS: 45175 10 MILE RD / NOVI MI 48375
CONTACT: MARCUS KULL PHONE: 248-226-0333
EMAIL: www.cityofnovi.org

COMPANY NAME: AERO FILTER, INC.



SIGNATURE PAGE

PRICES:

Prices shall remain firm for 60 days or bid award, whichever comes first, except the successful bidder(s) whose prices shall remain firm through delivery.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: Jeff Williams

NOTE: The undersigned has checked carefully the bid figures and understands that he/she shall be responsible for any error or omission in this bid offer and is in receipt of all addenda as issued.

TAX ID#: 38-2199252

COMPANY NAME: AERO FILTER, INC.

ADDRESS 1604 E AVIS DR CITY MADISON HTS STATE MI ZIP 48071

PHONE NUMBER 248-837-4100 FAX NUMBER 248-837-4110

REPRESENTATIVE'S NAME JEFF WILLIAMS EMAIL: sales@aerofilter.com

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE ^(Print) Jeff Williams

PAYMENT TERMS: NET 30 WARRANTY: _____

jwilliams@aerofilter.com
E-MAIL: sales@aerofilter.com DELIVERY DATE: DEPENDENT ON REQUEST

EXCEPTIONS: Any exceptions, substitutions, deviations, etc., from the City specifications and this proposal must be stated below. The reason(s) for the exceptions, substitutions, and/or deviations are an integral part of this bid proposal offer:

Check this box if your bid is not to be broken up by item and based on an all or none award.

ACKNOWLEDGEMENT:

I, JEFF WILLIAMS, certify that I have read the **Instructions to Bidders** (Pages) and that the bid proposal documents contained herein were obtained directly from the City's Purchasing Department or MITN website, www.bidnetdirect.com/city-of-troy-mi and is an official copy of the Authorized Version.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: Jeff Williams

NOTE: The City of Troy, at their discretion, may require bidder to supply a Financial Report from an impartial Financial Credit Reporting Service before award of contract at no cost to the City.

IMPORTANT: All City of Troy purchases require a **SAFETY DATA SHEET**, where applicable, in compliance with the MIOSHA "Right to Know" Law. Please include a copy of any relevant SDS at the time of bid submission.

U.S. FUNDS: All prices quoted are to be in U.S. Currency.



Legal Status of Bidder:

The Bidder shall fill out the appropriate form and strike out the other two:

A corporation duly organized and doing business under the laws of the State of MICHIGAN for whom JEFF WILLIAMS, bearing the office title of SR SALES REPRESENTATIVE, whose signature is affixed to this proposal, is duly authorized to execute contracts.

~~A partnership, all members of which, with addresses, is:~~

~~_____~~ ~~_____~~
~~_____~~ ~~_____~~
~~_____~~ ~~_____~~
~~_____~~ ~~_____~~
~~_____~~ ~~_____~~
~~_____~~ ~~_____~~
~~_____~~ ~~_____~~

~~AN INDIVIDUAL, WHOSE SIGNATURE IS AFFIXED TO THE PROPOSAL:~~

~~_____~~ ~~_____~~




CITY OF TROY
OAKLAND COUNTY, MICHIGAN
NON-COLLUSION AFFIDAVIT

TO WHOM IT MAY CONCERN:

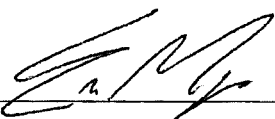
DAVID C POLENS _____, being duly sworn deposed, says that he/she
(Print Full Name)

is PRESIDENT _____. The party making the foregoing proposal or bid,
(State Official Capacity in Firm)

that such bid is genuine and not collusion or sham; that said bidder has not colluded, conspired, connived, or agree, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding and has not in any manner directly or indirectly sought by agreement or collusion, or communication or conference, with any person to fix the bid price or affiant or any other bidder, or to fix any overhead, profit, or cost element of said bid price, or that of any other bidder, or to secure the advantage against the City of Troy or any person interested in the proposed contract; and that all statements contained in said proposal or bid are true.



SIGNATURE OF PERSON SUBMITTING BID



NOTARY'S SIGNATURE

Subscribed and sworn to before me this _____ 10TH day of
OCTOBER, 2022 in and for OAKLAND County.

My commission expires: 4-16-2029

ERIC MARZEC
NOTARY PUBLIC, STATE OF MI
COUNTY OF MACOMB
MY COMMISSION EXPIRES Apr 16, 2029
ACTING IN COUNTY OF OAKLAND



**CERTIFICATION REGARDING
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

The prospective participant certifies, to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in transactions under any non-procurement programs by any federal, state or local agency.
2. Have not, within the three-year period preceding, had one or more public transactions (federal, state, or local) terminated for cause or default; and
3. Are not presently indicted or otherwise criminally or civilly charged by a government entity (federal, state, or local) and have not, within the three-year period preceding the proposal, been convicted of or had a civil judgment rendered against it:
 - a. For the commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public transaction (federal, state, or local), or a procurement contract under such a public transaction;
 - b. For the violation of federal, or state antitrust statutes, including those proscribing price fixing between competitors, the allocation of customers between competitors, or bid rigging; or
 - c. For the commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

I understand that a false statement on this certification may be grounds for the rejection of this proposal or the termination of the award. In addition, the general grant of this authority exists within the City's Charter, Chapter 12, Section 12.2- Contracts.

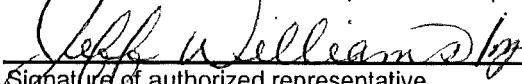
I am able to certify to the above statements.

AERO FILTER, INC.

Name of Agency/Company/Firm (Please Print)

JEFF WILLIAMS / SR SALES REPRESENTATIVE

Name and title of authorized representative (Please Print)



Signature of authorized representative

Date 10/10/22

I am unable to certify to the above statements. Attached is my explanation.



**VENDOR CERTIFICATION
THAT IT IS NOT AN
"IRAN LINKED BUSINESS"**

Pursuant to Michigan law, (the Iran Economic Sanctions Act, 2012 PA 517, MCL 129.311 et seq.), before accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must first certify that it is not an "IRAN LINKED BUSINESS", as defined by law.

Vendor	
Legal Name	AERO FILTER, INC.
Street Address	1604 E AVIS DR
City	MADISON HTS
State, Zip	MI 48071
Corporate I.D. Number/State	38-2199252 / MICHIGAN
Taxpayer I.D. #	38-2199252

The undersigned, with: 1.) full knowledge of all of Vendors business activities, 2.) full knowledge of the requirements and possible penalties under the law MCL 129.311 et seq. and 3.) the full and complete authority to make this certification on behalf of the Vendor, by his/her signature below, certifies that: the Vendor is NOT an "IRAN LINKED BUSINESS" as require by MCL 129.311 et seq., and as such that Vendor is legally eligible to submit a bid and be considered for a possible contract to supply goods and/or services to the City of Troy.

Signature of Vendor's Authorized Agent:

Printed Name of Vendor's Authorized Agent:

DAVID C POLENS

Witness Signature:

Printed Name of Witness:

NANCY JAMES

G:\ BidLanguage_IranLinkedBusiness



Proposer's Sworn and Notarized Familial Disclosure
(to be provided by the Proposer)

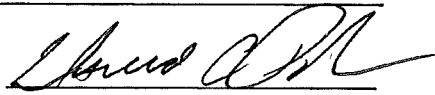
The undersigned, the owner or authorized officer of DAVID C POLENS (the "Proposer"), pursuant to the familial disclosure requirement provided in the Request for Proposal, hereby represent and warrant, except as provided below, that no familial relationships exist between the owner(s) or any employees of AERO FILTER, INC. and any member of the City of Troy City Council or City of Troy management.

List any Familial Relationships:

NONE

BIDDER:

AERO FILTER, INC/DAVID C POLENS

By: 

Its: PRESIDENT

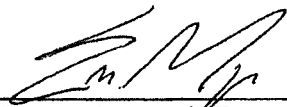
STATE OF MICHIGAN

) ss.

COUNTY OF OAKLAND)

This instrument was acknowledged before me on the 10TH day of OCTOBER, 2022, by

DAVID C POLENS


SIGNATURE OF NOTARY

ERIC MARZEC
NOTARY PUBLIC, STATE OF MI
COUNTY OF MACOMB
MY COMMISSION EXPIRES Apr 16, 2029
ACTING IN COUNTY OF OAKLAND

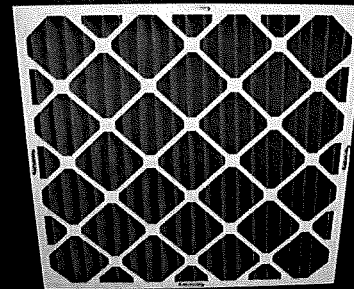
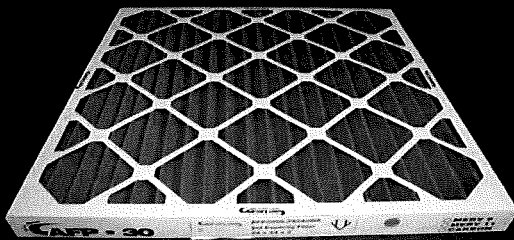


LMS TECHNOLOGIES, INC.
 6423 Cecilia Circle
 Bloomington, MN 55439
 (952) 918-9060, Fax: (952) 918-9061

Test Report-ASHRAE Test Standard 52.2-2012 (New Classification)

Report #: 3571
 Test Date: 09/20/2016

Test Requested By: Airflow Products Company
 Manufacturer: Airflow Products Company
 Product Name: AFP2000-24242M10 Std Cap.
 Part #: N/A
 Dimensions: 24" x 24" x 2"
 Number of Pleats: 20-Plts
 Filter Description: Pleated Filter with Blue Media
 How Filter Obtained: Provided by Airflow Products Company



Test Results

Test Air Flow Rate(CFM)/Velocity (FPM)	<u>1968 cfm / 492 fpm</u>
Initial Resistance (in. WG)	<u>0.280"</u>
Final Resistance (in. WG)	<u>1.500"</u>
Minimum Efficiency Rating Value (MERV)	<u>MERV 10 @ 1968 cfm</u>
Minimum Average Efficiency 0.3 to 1.0 Microns (E1)	<u>25.7</u>
Minimum Average Efficiency 1.0 to 3.0 Microns (E2)	<u>67.7</u>
Minimum Average Efficiency 3.0 to 10 Microns (E3)	<u>80.7</u>
Dust Fed to Final Resistance (grams)	<u>69.0 grams</u>
Dust Holding Capacity (grams)	<u>60.1 grams</u>
Arrestance:	<u>87.1%</u>

Test Description

Temp & Humidity: 71° F @ 45%
 Particle Analysis: Met One 3400
 Test Dust: ASHRAE 52.1 Dust
 Test Aerosol: KCl, Neutralized
 LMS#: 4089

Test Engineer : Emile Tadros/Kevin Kwong/Pat Best/Jose Tizcareno

Approved By: K. C. Kwok, Ph.D.

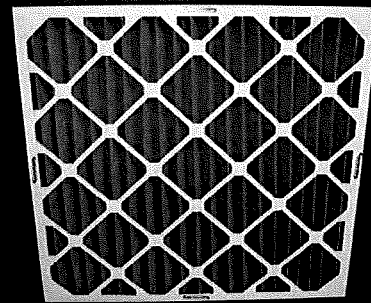
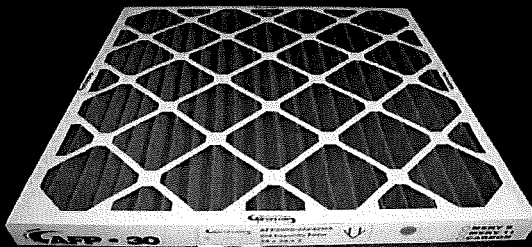


LMS TECHNOLOGIES, INC.
 6423 Cecilia Circle
 Bloomington, MN 55439
 (952) 918-9060, Fax: (952) 918-9061

Test Report-ASHRAE Test Standard 52.2-2012 (New Classification)

Report #: 3571
 Test Date: 09/20/2016

Test Requested By: Airflow Products Company
 Manufacturer: Airflow Products Company
 Product Name: AFP2000-24242M10 Std Cap.
 Part #: N/A
 Dimensions: 24" x 24" x 2"
 Number of Pleats: 20-Plts
 Filter Description: Pleated Filter with Blue Media
 How Filter Obtained: Provided by Airflow Products Company



Test Results

Test Air Flow Rate(CFM)/Velocity (FPM)	<u>1968 cfm / 492 fpm</u>
Initial Resistance (in. WG)	<u>0.280"</u>
Final Resistance (in. WG)	<u>1.500"</u>
Minimum Efficiency Rating Value (MERV)	<u>MERV 10 @ 1968 cfm</u>
Minimum Average Efficiency 0.3 to 1.0 Microns (E1)	<u>25.7</u>
Minimum Average Efficiency 1.0 to 3.0 Microns (E2)	<u>67.7</u>
Minimum Average Efficiency 3.0 to 10 Microns (E3)	<u>80.7</u>
Dust Fed to Final Resistance (grams)	<u>69.0 grams</u>
Dust Holding Capacity (grams)	<u>60.1 grams</u>
Arrestance:	<u>87.1%</u>

Test Description

Temp & Humidity: 71° F @ 45%
 Particle Analysis: Met One 3400
 Test Dust: ASHRAE 52.1 Dust
 Test Aerosol: KCl, Neutralized
 LMS#: 4089

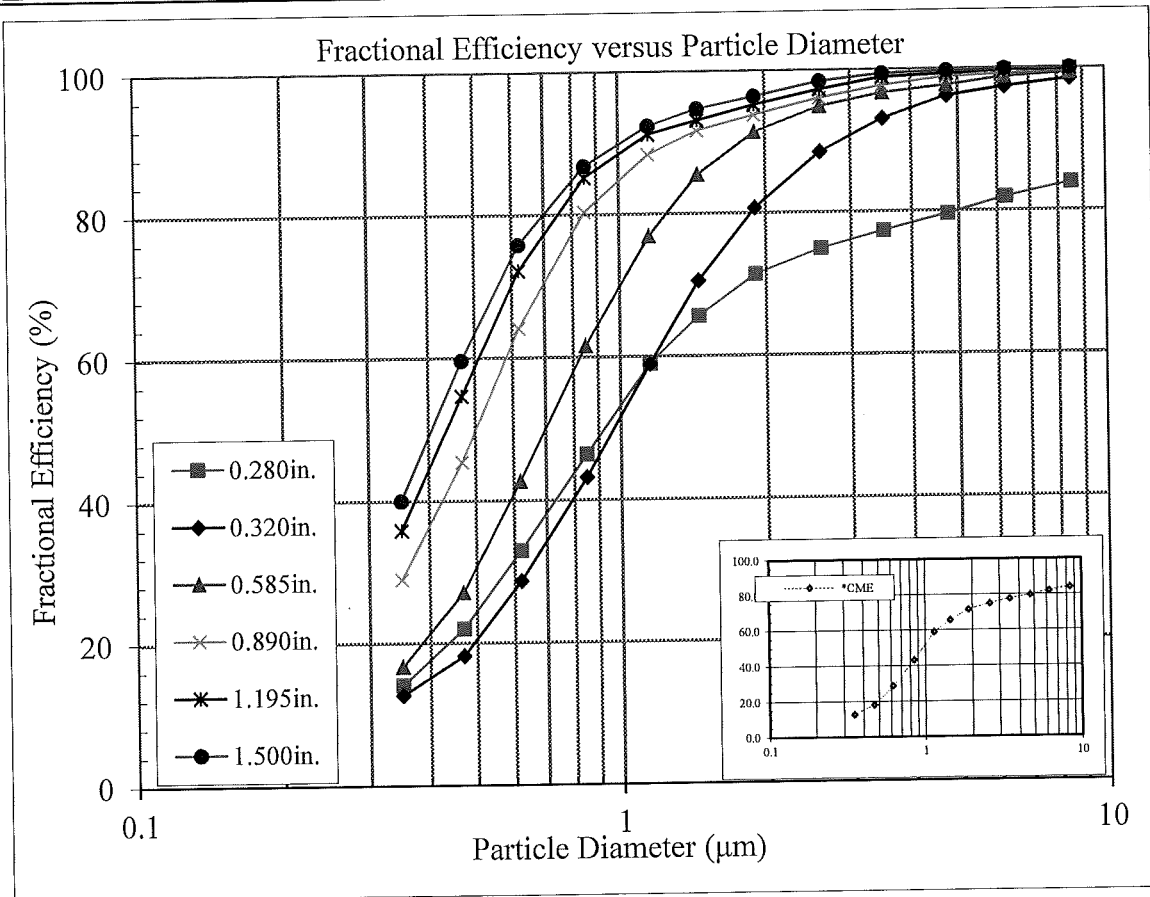
Test Engineer : Emile Tadros/Kevin Kwong/Pat Best/Jose Tizcareno

Approved By: K. C. Kwok, Ph.D.

LMS Technologies, Inc.
6423 Cecilia Circle
Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date : September 20, 2016	Requested by :
Filter ID : AFP2000-24242M8 Std cap.	Airflow Products Company
Test Type : 52.2-2012 REP# 3571	Manufacturer :
Test Aerosol : KCl, Neutralized	Airflow Products Company

ΔP (" H ₂ O)	0.280in.	0.320in.	0.585in.	0.890in.	1.195in.	1.500in.	*CME
Size Range (μm)	Fractional Efficiency (%)						
0.3-0.4	14.1	12.7	16.7	29.0	35.9	40.0	12.7
0.4-0.55	22.0	18.2	27.1	45.5	54.7	59.6	18.2
0.55-0.7	32.9	28.7	42.7	64.2	72.2	75.8	28.7
0.7-1.0	46.4	43.2	61.6	80.4	85.2	86.8	43.2
1.0-1.3	59.0	59.0	76.9	88.4	91.2	92.4	59.0
1.3-1.6	65.6	70.6	85.5	91.7	93.1	94.7	65.6
1.6-2.2	71.4	80.7	91.4	93.8	95.2	96.4	71.4
2.2-3.0	74.9	88.5	94.9	96.1	97.3	98.4	74.9
3.0-4.0	77.3	93.1	96.7	97.8	98.9	99.4	77.3
4.0-5.5	79.6	96.2	97.7	98.9	99.3	99.7	79.6
5.5-7.0	81.9	97.4	98.8	99.2	99.7	99.9	81.9
7.0-10.0	83.9	98.5	99.3	99.6	99.9	100.0	83.9

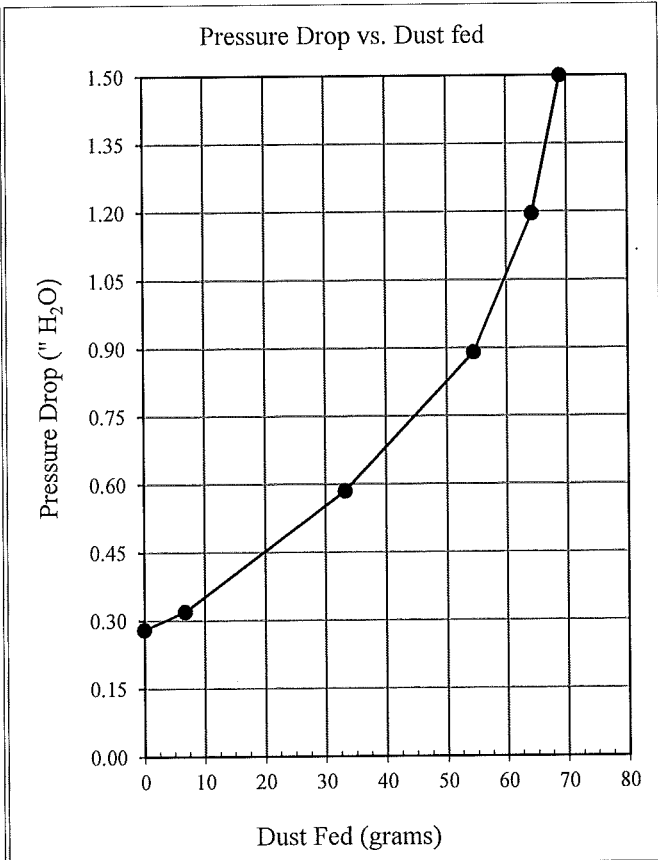
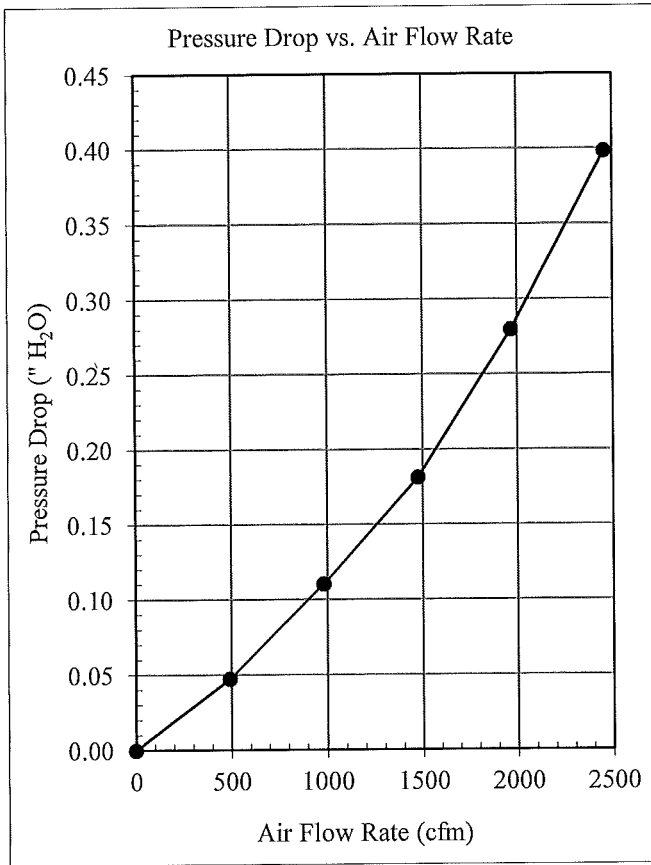


ENGINEERING APPROVAL
K.C. KWOK, PH.D. _____

LMS Technologies, Inc.
6423 Cecilia Circle, Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date: September 20, 2016 Filter ID : AFP2000-24242M8 Std Cap. Test Type : Pressure Drop of Clean Filter For ASHRAE 52.2-2012 REP# 3571	Test Requested by : Airflow Products Company Filter Manufacturer : Airflow Products Company
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Flow Rate (CFM)	Velocity (FPM)	ΔP (mm H ₂ O)	ΔP ("H ₂ O)	% of Rated Airflow	Dust Fed (grams)	ΔP ("H ₂ O)
0	0	0.00	0.000	0%	0.00	0.280
492	123	1.20	0.047	25%	6.80	0.320
984	246	2.80	0.110	50%	33.30	0.585
1476	369	4.60	0.181	75%	54.50	0.890
1968	492	7.10	0.280	100%	64.30	1.195
2460	615	10.12	0.398	125%	69.00	1.500



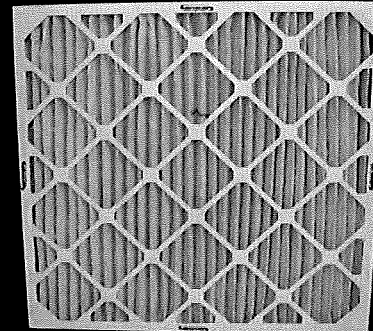
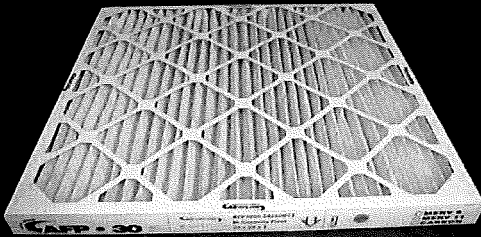


LMS TECHNOLOGIES, INC.
 6423 Cecilia Circle
 Bloomington, MN 55439
 (952) 918-9060, Fax: (952) 918-9061

Test Report-ASHRAE Test Standard 52.2-2012 (New Classification)

Report #: 3578
 Test Date: 09/26/2016

Test Requested By: Airflow Products Company
 Manufacturer: Airflow Products Company
 Product Name: AFP3000-24242M13, Hi Capacity Pleat
 Part #: N/A
 Dimensions: 24" x 24" x 2"
 Number of Pleats: 34-Plts
 Filter Description: Pleated Filter with White Media
 How Filter Obtained: Provided by Airflow Products Company



Test Results

Test Air Flow Rate(CFM)/Velocity (FPM)	<u>1968 cfm / 492 fpm</u>
Initial Resistance (in. WG)	<u>0.38"</u>
Final Resistance (in. WG)	<u>1.500"</u>
Minimum Efficiency Rating Value (MERV)	<u>MERV 13 @ 1968 cfm</u>
Minimum Average Efficiency 0.3 to 1.0 Microns (E1)	<u>56.7</u>
Minimum Average Efficiency 1.0 to 3.0 Microns (E2)	<u>89.0</u>
Minimum Average Efficiency 3.0 to 10 Microns (E3)	<u>98.3</u>
Dust Fed to Final Resistance (grams)	<u>12.4 grams</u>
Dust Holding Capacity (grams)	<u>12.3 grams</u>
Arrestance:	<u>99.2%</u>

Test Description

Temp & Humidity: 71° F @ 45%
 Particle Analysis: Met One 3400
 Test Dust: ASHRAE 52.1 Dust
 Test Aerosol: KCl, Neutralized
 LMS#: 4089

Test Engineer : Emile Tadros/Kevin Kwong/Pat Best/Jose Tizcareno

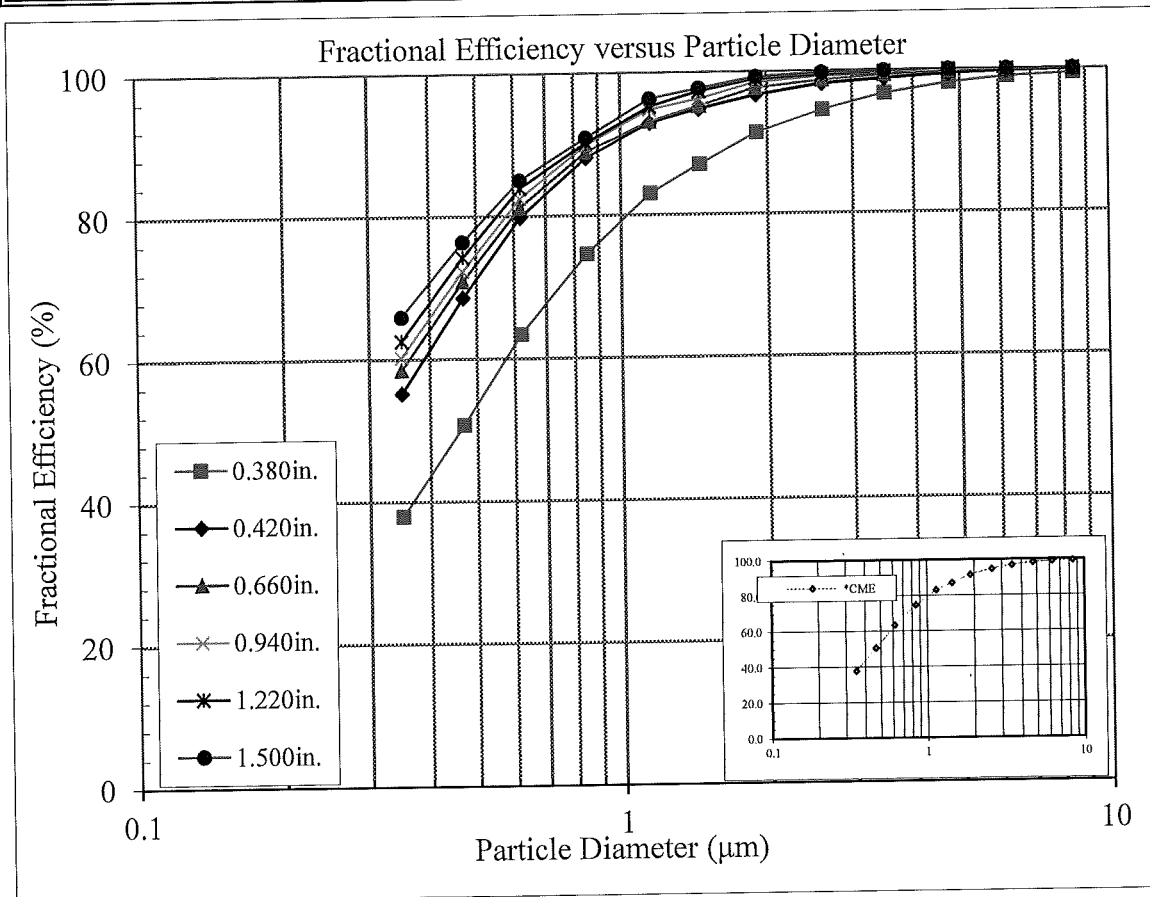
Approved By: K. C. Kwok, Ph.D.

Data verified by LMS Calibration filter* Patent Pending

LMS Technologies, Inc.
6423 Cecilia Circle
Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date : September 26, 2016 Filter ID: AFP3000-24242M13, Hi Cap. Pleat Test Type : 52.2-2012 REP# 3578 Test Aerosol : KCl, Neutralized	Requested by : Airflow Products Company Manufacturer : Airflow Products Company
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ΔP (" H ₂ O)	0.380in.	0.420in.	0.660in.	0.940in.	1.220in.	1.500in.	*CME
Size Range (μm)	Fractional Efficiency (%)						
0.3-0.4	37.9	55.2	58.5	60.3	62.6	65.9	37.9
0.4-0.55	50.7	68.6	70.9	72.4	74.3	76.4	50.7
0.55-0.7	63.4	79.8	81.2	82.5	83.9	85.0	63.4
0.7-1.0	74.6	88.1	88.9	89.9	90.2	90.9	74.6
1.0-1.3	83.0	92.9	93.1	94.8	95.2	96.3	83.0
1.3-1.6	87.0	94.8	95.2	96.3	97.3	97.7	87.0
1.6-2.2	91.4	96.7	97.7	98.5	99.0	99.2	91.4
2.2-3.0	94.5	98.2	98.7	99.3	99.5	99.7	94.5
3.0-4.0	96.7	98.8	99.3	99.6	99.8	99.9	96.7
4.0-5.5	98.1	99.4	99.7	99.9	100.0	100.0	98.1
5.5-7.0	98.9	99.7	99.9	100.0	100.0	100.0	98.9
7.0-10.0	99.3	99.9	100.0	100.0	100.0	100.0	99.3

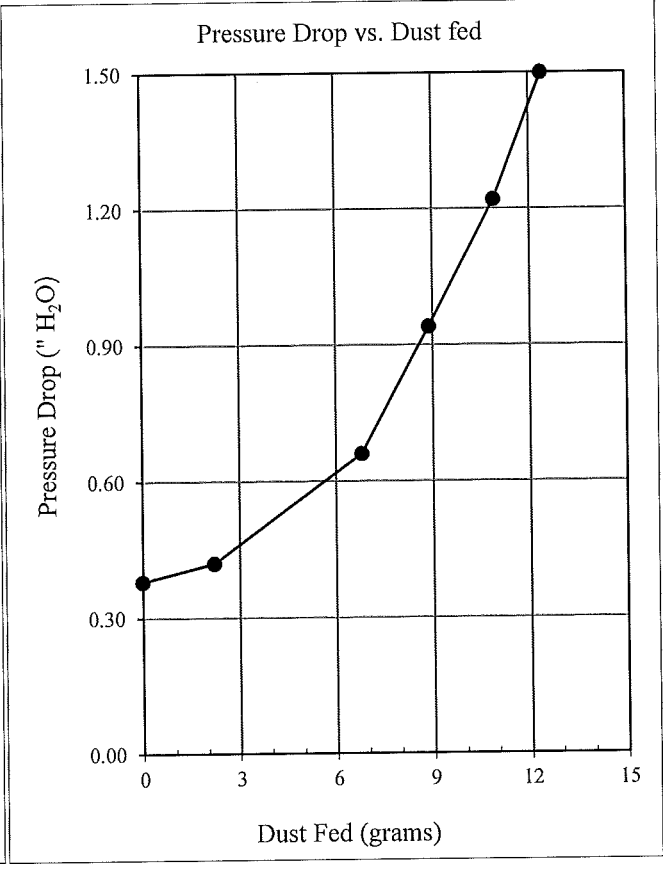
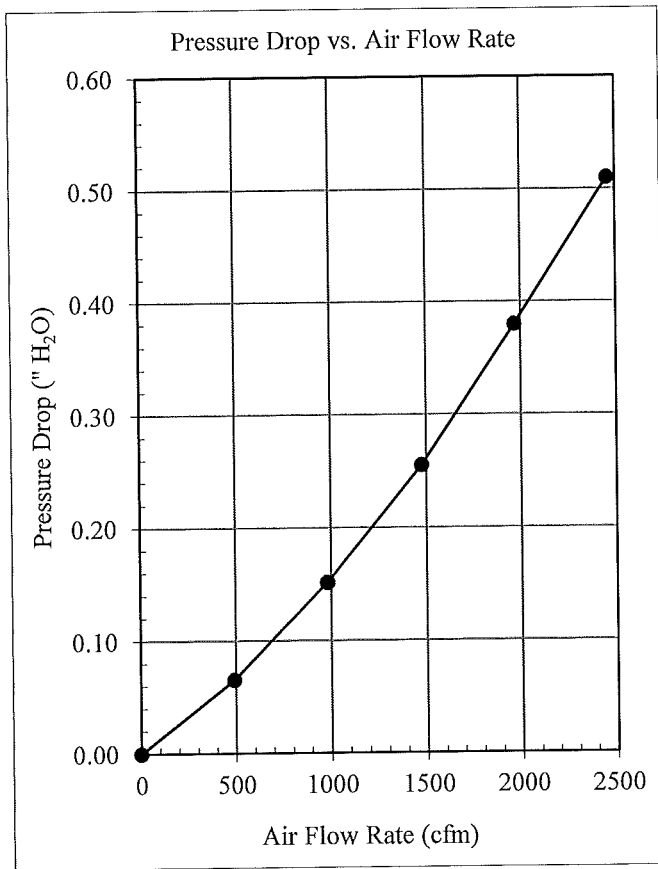


ENGINEERING APPROVAL
 K.C. KWOK, PH.D. _____

LMS Technologies, Inc.
6423 Cecilia Circle, Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date: September 26, 2016 Filter ID : AFP3000-24242M13, Hi Cap. Pleat Test Type : Pressure Drop of Clean Filter For ASHRAE 52.2-2012 REP# 3578	Test Requested by : Airflow Products Company Filter Manufacturer : Airflow Products Company
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Flow Rate (CFM)	Velocity (FPM)	ΔP (mm H ₂ O)	ΔP ("H ₂ O)	% of Rated Airflow	Dust Fed (grams)	ΔP ("H ₂ O)
0	0	0.00	0.000	0%	0.00	0.380
492	123	1.66	0.065	25%	2.20	0.420
984	246	3.85	0.152	50%	6.80	0.660
1476	369	6.48	0.255	75%	8.90	0.940
1968	492	9.65	0.380	100%	10.90	1.220
2460	615	12.95	0.510	125%	12.40	1.500



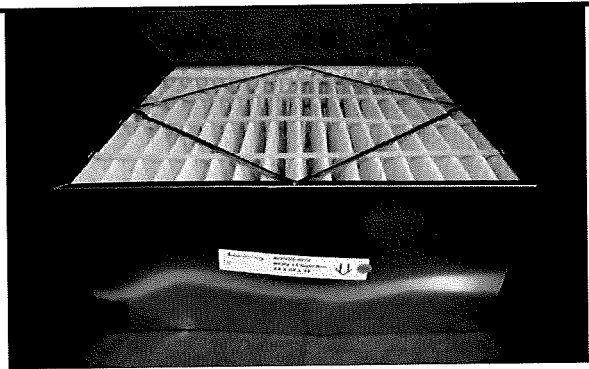
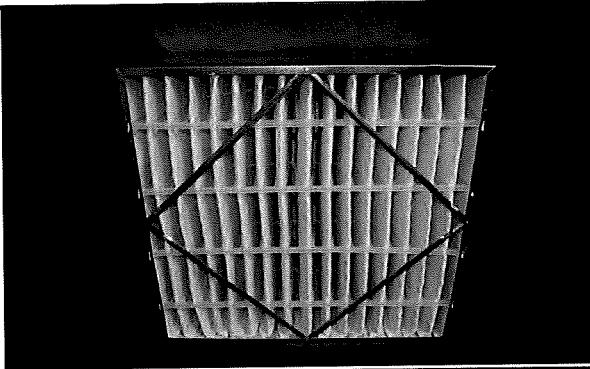


LMS TECHNOLOGIES, INC.
 6423 Cecilia Circle
 Bloomington, MN 55439
 (952) 918-9060, Fax: (952) 918-9061

Test Report-ASHRAE Test Standard 52.2-2012 (New Classification)

Report #: 3619
 Test Date: 10/28/2016

Test Requested By: Airflow Products Company
 Manufacturer: Airflow Products Company
 Product Name: AFP85S-4412
 Part #: Airflow Pak
 Dimensions: 24" x 24" x 12"
 Number of Pleats: 17 Pleats
 Filter Description: Metal Frame Filter with Pink Media
 How Filter Obtained: Open Market purchase



Test Results

Test Air Flow Rate(CFM)/Velocity (FPM)	<u>1968 cfm / 492 fpm</u>
Initial Resistance (in. WG)	<u>0.457"</u>
Final Resistance (in. WG)	<u>1.500"</u>
Minimum Efficiency Rating Value (MERV)	<u>MERV 14 @ 1968 cfm</u>
Minimum Average Efficiency 0.3 to 1.0 Microns (E1)	<u>78.6</u>
Minimum Average Efficiency 1.0 to 3.0 Microns (E2)	<u>96.3</u>
Minimum Average Efficiency 3.0 to 10 Microns (E3)	<u>99.4</u>
Dust Fed to Final Resistance (grams)	<u>136.0 grams</u>
Dust Holding Capacity (grams)	<u>135.1 grams</u>
Arrestance:	<u>99.3%</u>

Test Description

Temp & Humidity: 71° F @ 40%
 Particle Analysis: Met One 3400
 Test Dust: ASHRAE 52.1 Dust
 Test Aerosol: KCl, Neutralized
 LMS#: 4127

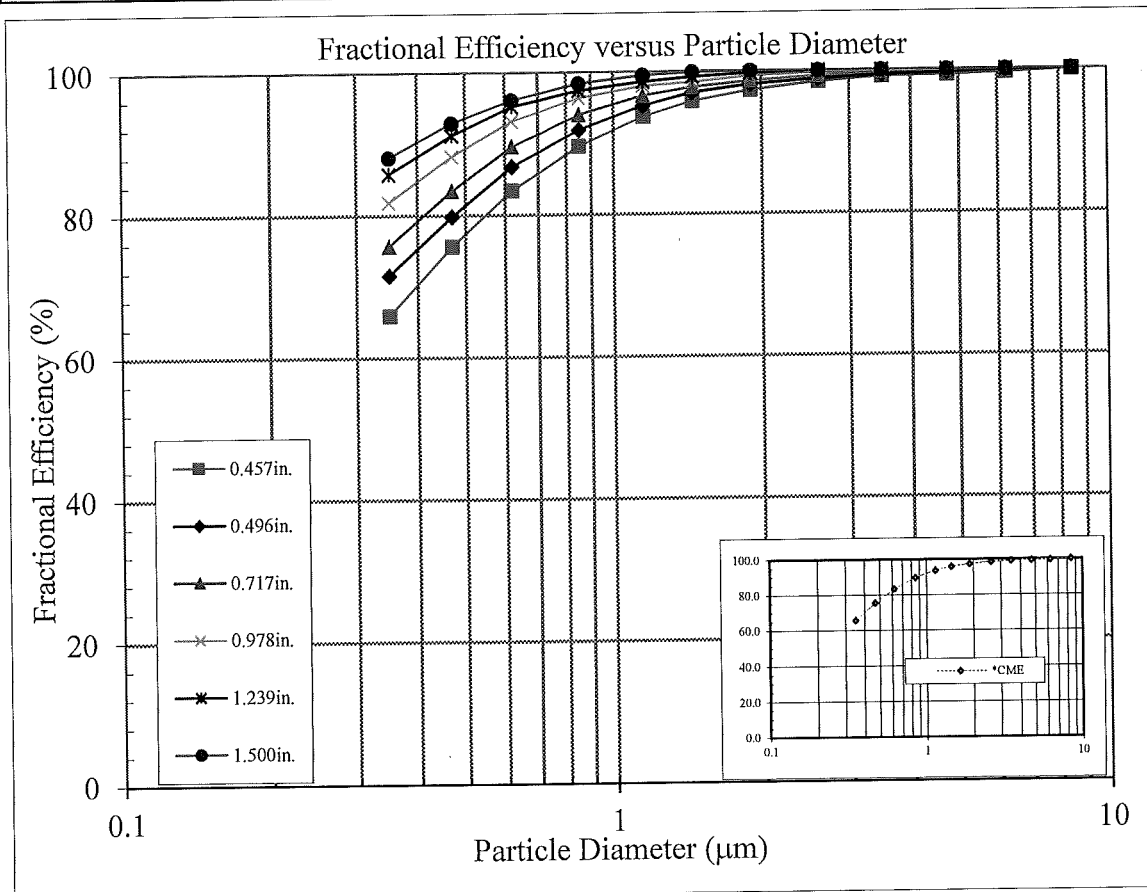
Test Engineer : Emile Tadros/Kevin Kwong/Pat Best/Jose Tizcareno

Approved By: K. C. Kwok, Ph.D.

LMS Technologies, Inc.
6423 Cecilia Circle
Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date : October 28, 2016	Requested by :
Filter ID : AFP85S-4412	Airflow Products Company
Test Type : 52.2-2012 REP# 3619	Manufacturer :
Test Aerosol : KCl, Neutralized	Airflow Products Company

ΔP (" H ₂ O)	0.457in.	0.496in.	0.717in.	0.978in.	1.239in.	1.500in.	*CME
Size Range (μm)	Fractional Efficiency (%)						
0.3-0.4	65.9	71.6	75.7	81.9	85.8	88.1	65.9
0.4-0.55	75.6	79.8	83.4	88.3	91.2	92.9	75.6
0.55-0.7	83.4	86.8	89.6	93.2	95.2	96.1	83.4
0.7-1.0	89.6	91.9	94.0	96.4	97.4	98.4	89.6
1.0-1.3	93.7	95.2	96.6	98.0	98.6	99.5	93.7
1.3-1.6	95.8	97.0	97.8	98.5	99.2	99.9	95.8
1.6-2.2	97.3	98.1	98.6	99.3	99.7	100.0	97.3
2.2-3.0	98.4	98.8	99.2	99.7	100.0	100.0	98.4
3.0-4.0	99.1	99.3	99.7	99.9	100.0	100.0	99.1
4.0-5.5	99.2	99.6	99.9	100.0	100.0	100.0	99.2
5.5-7.0	99.5	99.9	100.0	100.0	100.0	100.0	99.5
7.0-10.0	99.9	100.0	100.0	100.0	100.0	100.0	99.9

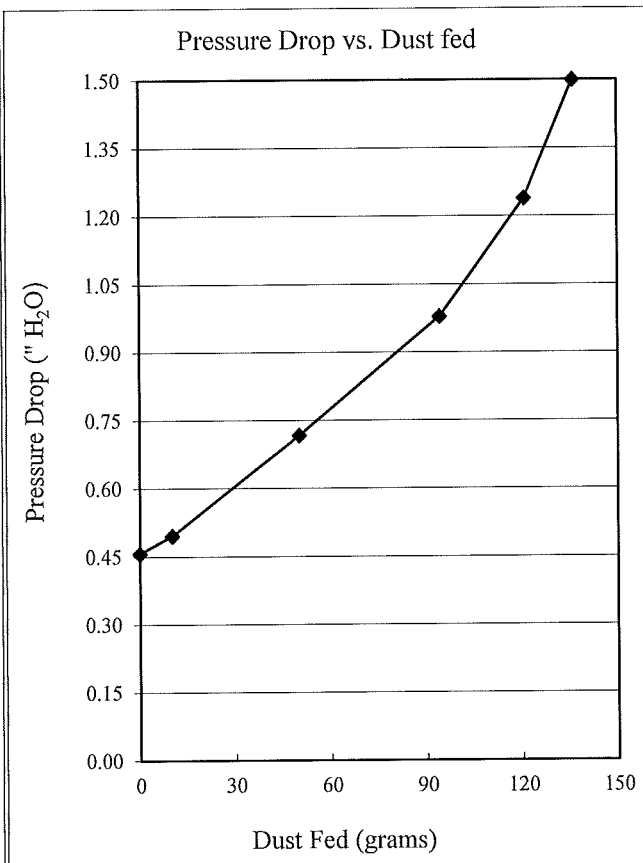
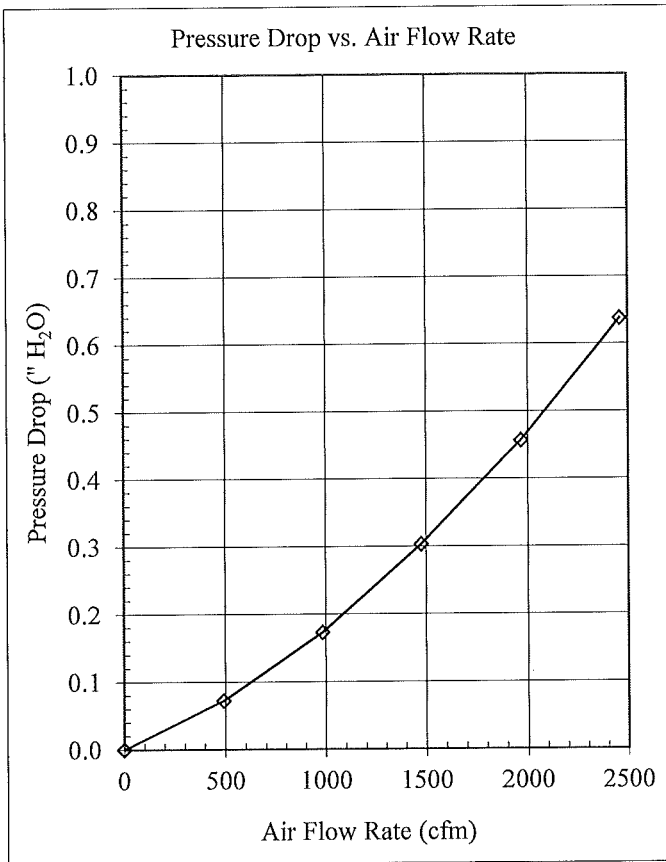


ENGINEERING APPROVAL
 K.C. KWOK, PH.D. _____

LMS Technologies, Inc.
6423 Cecilia Circle, Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date: October 28, 2016 Filter ID : AFP85S-4412 Test Type : Pressure Drop of Clean Filter For ASHRAE 52.2-2012 REP# 3619	Test Requested by : Airflow Products Company Filter Manufacturer : Airflow Products Company
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Flow Rate CFM	Velocity FPM	dP (mm H ₂ O)	Pressure drop ("H ₂ O)	% of Rated Airflow	Dust fed	Pressure drop
0	0	0.00	0.000	0%	0.00	0.457
492	123	1.84	0.072	25%	10.20	0.496
984	246	4.40	0.173	50%	50.00	0.717
1476	369	7.70	0.303	75%	94.20	0.978
1968	492	11.60	0.457	100%	120.80	1.239
2460	615	16.20	0.638	125%	136.00	1.500

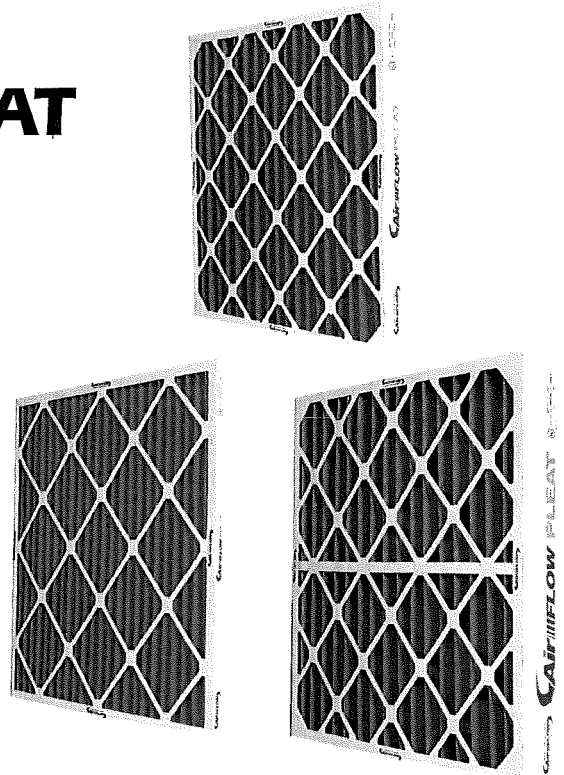




AIRFLOW MERV 8 PLEAT

The Airflow M8 pleated air filter features 100% electrostatically enhanced synthetic media, consisting of graduated denier fibers that do not support the growth of microorganisms. The media is encased in a clay-coated die-cut kraft board frame for maximum strength in hot/humid climates. The filter achieves a MERV 8 (Minimum Efficiency Reporting Value) rating, per ANSI/ASHRAE Standard 52.2. This high performance, enhanced media contributes to a higher initial and sustained efficiency and longer service life.

- ✓ Available in standard and high capacity models.
- ✓ Built-in prefilter layer.
- ✓ Expanded metal backing for media strength and rigidity.
- ✓ Low initial pressure drop.
- ✓ Savings in operating energy costs.
- ✓ Underwriters Laboratory listed per UL Standard 900.



Typical Applications

For use as a pre-filter for high efficient final filters, or as a stand-alone primary filter in:

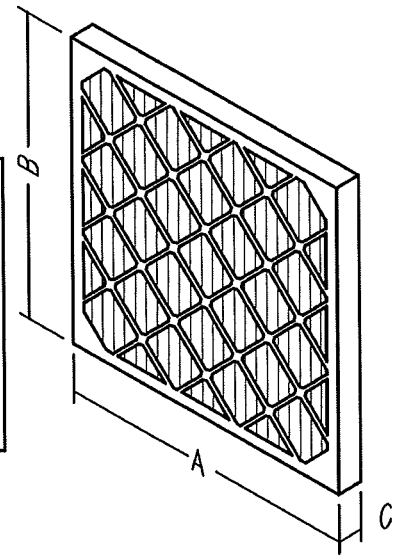
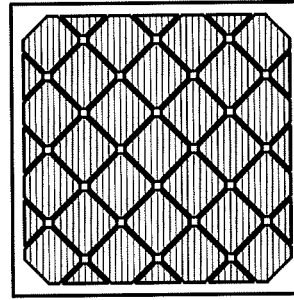
- ◆ Commercial Buildings
- ◆ Educational Facilities
- ◆ Healthcare & Pharmaceutical Facilities
- ◆ Food Processing Plants
- ◆ Hotels & Motels
- ◆ Industrial Production Plants

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jeff@airflowproducts.net

www.airflowproducts.net

AIRFLOW MERV 8 PLEATED Purchasing Specification*

- ♦ Filters shall be constructed from 26 point high wet strength clay-coated kraft board enclosed in a die cut frame with size and airflow directional arrow clearly labeled.
- Frame shall be construction of clay-coated, high wet strenght kraft board die cut.
- ♦ Filters shall be Underwriter's Laboratory UL Listed for fire retardance.
- ♦ The media shall be manufactured from 100% synthetic media with an expanded metal backing.
- ♦ Filters shall have a minimum efficiency reporting value of MERV 8 per ANSI/ASHRAE Standard 52.2 and have an initial pressure drop equal to or less than 0.40 inches water gage @ 500 fpm (2000 cfm).
- ♦ Upon request by the purchaser, an independent test laboratory ANSI / ASHRAE Standard 52.2 test report shall be submitted for each type of filter and a sample of each filter shall be submitted for engineering evaluation and approval.



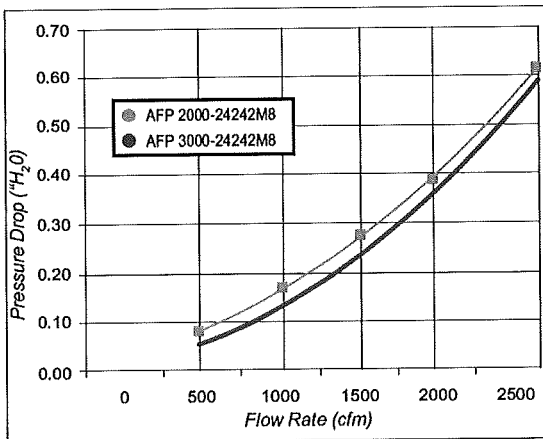
*Adapted from the Purchasing Specification Guideline published by the National Air Filtration Association®

Size Chart - AFP1000, AFP2000, AFP3000

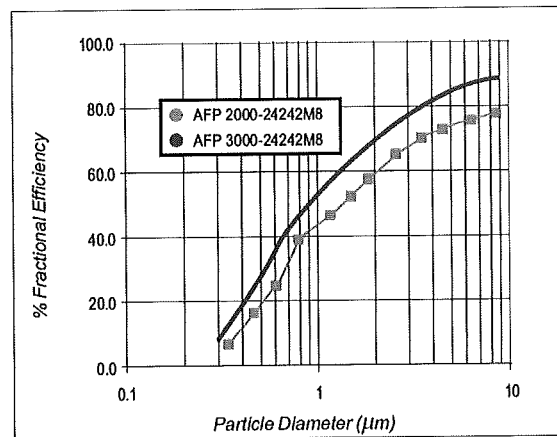
Model Number	Width "A"	Height "B"	Depth "C"
AFPX000-5501M8	24-1/2"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-4401M8	23-3/8"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-0501M8	19-1/2"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-0401M8	19-1/2"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-0001M8	19-1/2"	19-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-8501M8	17-3/8"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-8401M8	17-3/8"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-6501M8	15-1/2"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-6001M8	15-1/2"	19-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-2401M8	11-3/8"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-2001M8	11-3/8"	19-1/2"	3/4", 1-3/4", 3-3/4"

The Series M11 Pleat is available in standard sizes above in Standard - AFP2000 and High - AFP3000 capacity

Pressure Drop vs. Flow Rate



Efficiency vs. Particle Diameter



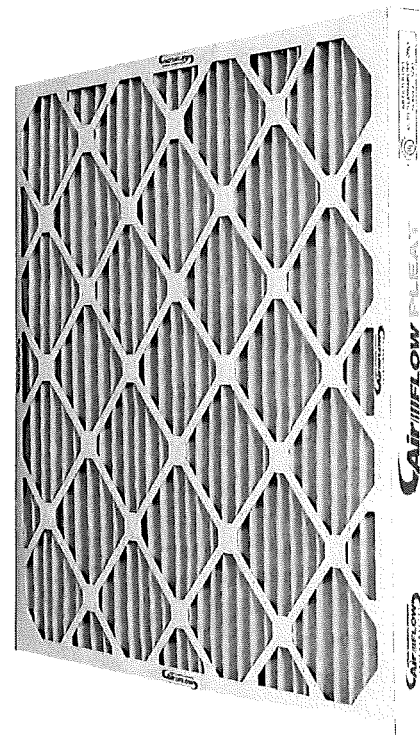
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AIRFLOW M11 PLEAT

The Airflow M11 100% electrostatically enhanced synthetic media pleat is manufactured of graduated denier fibers, which are hydrophobic and non-supportive of microbial growth. This high performance, pleated filter provides a higher initial and sustained efficiency, lower resistance to airflow, and longer service life. The Airflow M11 meets and exceeds LEED* criteria.

- ✓ Available in standard and high capacity versions, the Series M11 achieves a MERV 11, (Minimum Efficiency Reporting Value) per ANSI/ASHRAE Std. 52.2.
- ✓ Media bonded to expanded metal support grid in a clay-coated, high wet strength kraft board die cut frame.
- ✓ Underwriters Laboratory listed per UL Standard 900.
- ✓ Available in standard and high capacity models.



Typical Applications

For use as a pre-filter for high efficient final filters, or as a stand-alone primary filter in:

- | | |
|------------------------------------------|--------------------------------|
| ◆ Commercial Buildings | ◆ Hotels & Motels |
| ◆ Educational Facilities | ◆ Museums |
| ◆ Healthcare & Pharmaceutical Facilities | ◆ Industrial Production Plants |
| ◆ Food Processing Plants | |

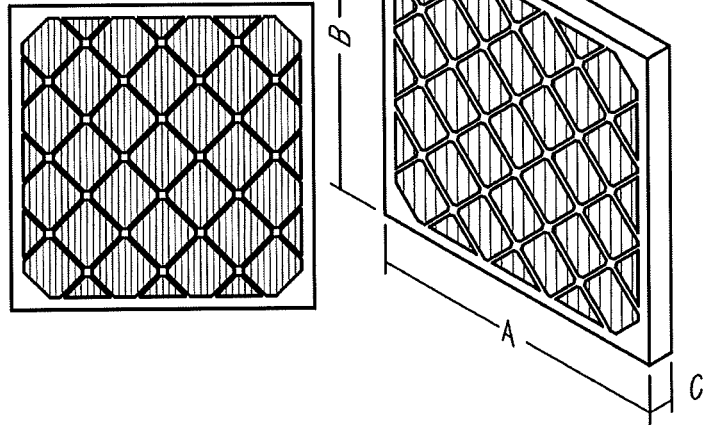
*Leadership in Energy and Environmental Design minimum MERV 11 efficiency during construction as required, by the US Green Building Council®

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AIRFLOW M11 PLEAT Purchasing Specification

- Filters shall be constructed from high wet strength clay-coated kraft board enclosed in a die cut frame with size and airflow directional arrow clearly labeled. Filters shall be UL Listed for fire retardance.
- Frame shall be construction of clay-coated, high wet strength kraft board die cut.
- The media shall be manufactured from 100% synthetic media with an expanded metal backing.
- Filters shall have a minimum efficiency reporting value of MERV 11 per ANSI/ASHRAE Standard 52.2 and have an initial pressure drop equal to or less than 0.40 inches water gage @ 500 fpm.
- Upon request by the purchaser, an independent laboratory ANSI/ASHRAE Standard 52.2 test report shall be submitted for each type of filter and a sample of each filter shall be submitted for engineering evaluation and approval.



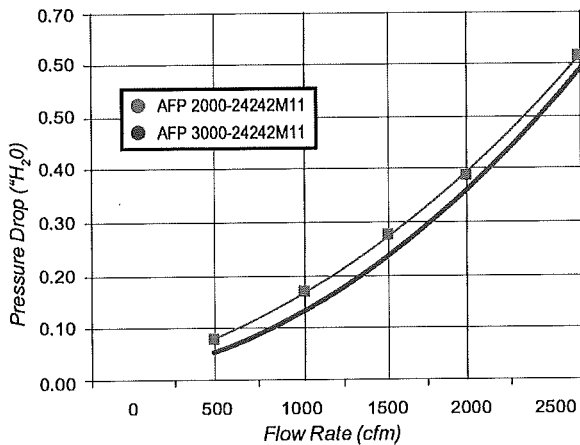
*Adapted from the Purchasing Specification Guideline published by the National Air Filtration Association®

Size Chart - AFP2000M11, AFP3000M11

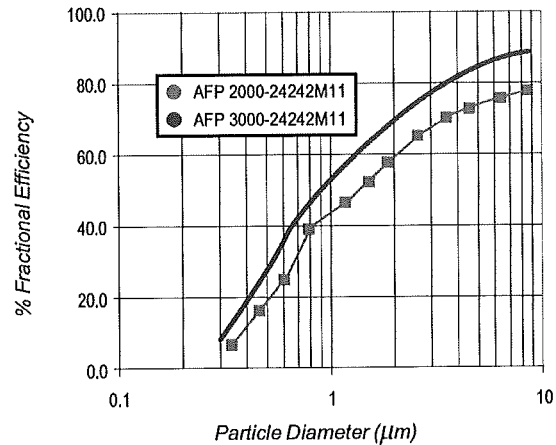
Model Number	Width "A"	Height "B"	Depth "C"
AFPX000-5501M11	24-1/2"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-4401M11	23-3/8"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-0501M11	19-1/2"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-0401M11	19-1/2"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-0001M11	19-1/2"	19-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-8501M11	17-3/8"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-8401M11	17-3/8"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-6501M11	15-1/2"	24-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-6001M11	15-1/2"	19-1/2"	3/4", 1-3/4", 3-3/4"
AFPX000-2401M11	11-3/8"	23-3/8"	3/4", 1-3/4", 3-3/4"
AFPX000-2001M11	11-3/8"	19-1/2"	3/4", 1-3/4", 3-3/4"

The Series M11 Pleat is available in standard sizes above in Standard - AFP2000 and High - AFP3000 capacity

Pressure Drop vs. Flow Rate

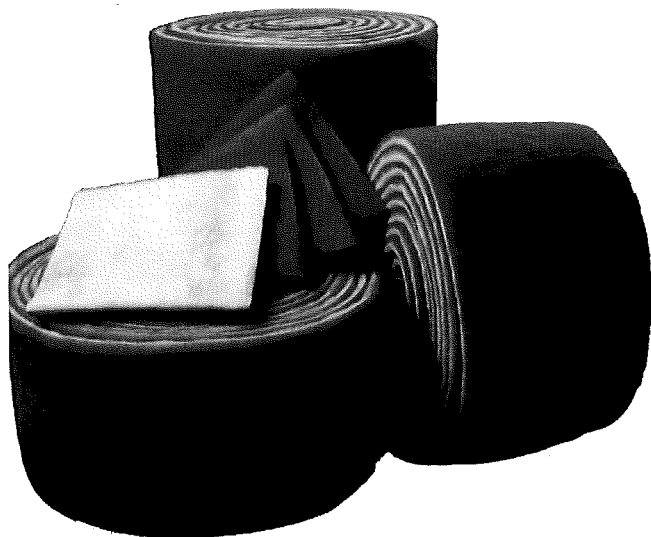


Efficiency vs. Particle Diameter



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AIRFLOW
INCORPORATED
Poly Media



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Airflow Products offers a wide selection of 100% non-woven polyester synthetic products in bulk media rolls, custom-cut to your specific size. Bulk roll media comes in the following specifications:

AFPRS

Specification

All filter media shall be basic efficiency, high loft rolls (1/2" nominal thickness) consisting of multiple layers of 100% non-woven polyester media. The media shall be white in color and shall be constructed of multiple layers of uniform denier, non-woven polyester fibers, bonded together with a non-migrating adhesive that does not promote the growth of microorganisms. The filter shall have a MERV of 5 and an Average Arrestance of 82% when tested according to ANSI/ASHRAE 52.2 air filter test standard. The synthetic fibers shall capture contaminants using mechanical filter physics (non-charged) and increase in efficiency over the life of the filter in service. Media pressure drop shall not exceed 0.15 in. w.g. and shall be Underwriter Laboratory class 900 listed.

AFRP10

Specification

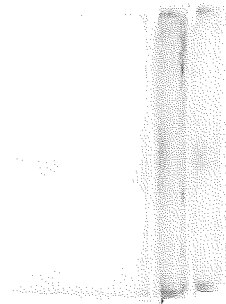
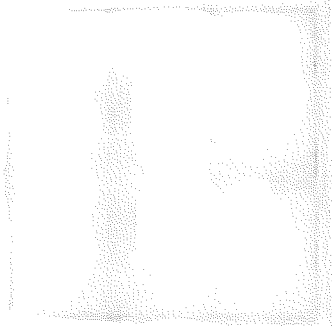
All filter media shall be basic efficiency, high loft rolls (1" nominal thickness) consisting of multiple layers of progressively dense 100% non-woven polyester media. Larger fibers are incorporated on the upstream side of the filter, with the fibers becoming increasingly smaller on the downstream side. The media shall be blue and white in color and shall be constructed of multiple layers of uniform denier, non-woven polyester fibers, bonded together with a non-migrating adhesive that does not promote the growth of microorganisms. The filter shall have a MERV of 7 and an Average Arrestance of 86% when tested according to ANSI/ASHRAE 52.2 air filter test standard. The synthetic fibers shall capture contaminants using mechanical filter physics (non-charged) and increase in efficiency over the life of the filter in service. Media pressure drop shall not exceed 0.18 in. w.g. and shall be Underwriter Laboratory Class 900 listed.

AFRP20

Specification

All filter media shall be basic efficiency, high loft rolls (1.5" nominal thickness) consisting of multiple layers of progressively dense 100% non-woven polyester media. Larger fibers are incorporated on the upstream side of the filter, with the fibers becoming increasingly smaller on the downstream side. The media shall be blue and white in color and shall be constructed of multiple layers of uniform denier, non-woven polyester fibers, bonded together with a non-migrating adhesive that does not promote the growth of microorganisms. Additionally, a non-migratory, in-line tackifier shall be bonded to the downstream media fibers, which increases the filter's dust holding capacity and overall filtration efficiency.

The filter shall have a MERV of 8 and an Average Arrestance of 92% when tested according to ANSI/ASHRAE 52.2 air filter test standard. The synthetic fibers shall capture contaminants using mechanical filter physics (non-charged) and increase in efficiency over the life of the filter in service. Media pressure drop shall not exceed 0.32 in. w.g. and shall be Underwriter Laboratory Class 900 listed.



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Product Specifications (IOOP)

Internally Supported Ring Panel

Engineering Specification

All filters shall be medium efficiency, internally supported ring panels, consisting of multiple layers of 100% non-woven polyester media and 9 gauge internal wire frame. The media shall be white in color with the downstream side clearly marked.

Construction

The filter media shall be comprised of multiple layers of progressively dense, non-woven polyester fibers. Larger fibers are incorporated on the upstream side of the filter, with the fibers becoming increasingly smaller on the downstream side. The media shall be thermally sealed around a 9 gauge internal wire frame, which provides strength and support during installation, operation and removal.

A self sealing media gasket shall be incorporated into the construction of this filter by utilizing the overlap or selvage of excess media, which is created during the heat-sealing process.

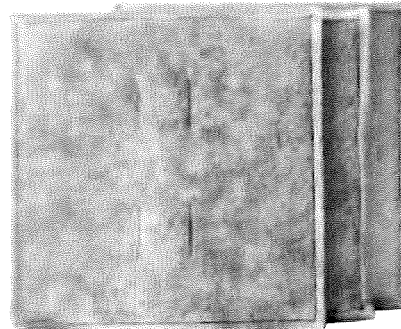
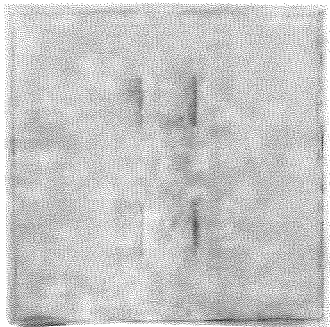
Performance

The filter shall have a MERV of 6, and an average Arrestance of 92% when evaluated in accordance with ANSI/ASH RAE Standard 52.2. The minimum dust holding capacity, when tested in accordance with this Standard, shall be no less than 145 grams. Initial resistance to airflow, when tested at 300 fpm, shall not exceed 0.2511 wg. The filter shall be Class 900 listed by Underwriters Laboratories.

Typical Applications

AFP100P Ring Panels may be used as a stand-alone filter in light commercial applications or as a prefilter for higher efficiency final filtration in the following applications:

- Large Commercial Applications
- Industrial Applications
- Construction and Renovation Projects
- Schools and Institutional Buildings
- Hospital & Healthcare Facilities
- Food Manufacturing and Preparation
- Domestic Animal Husbandry



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Product Specifications (200P)

Internally Supported Ring Panel

Engineering Specification

All filters shall be medium efficiency, internally supported ring panels, consisting of multiple layers of 100% non-woven polyester media and 9 gauge internal wire frame. The media shall be white on the upstream side and blue on the downstream side of the filter.

Construction

The filter media shall be comprised of multiple layers of progressively dense, non-woven polyester fibers. Larger fibers are incorporated on the upstream side of the filter, with the fibers becoming increasingly smaller on the downstream side. The media shall be thermally sealed around a 9 gauge internal wire frame, which provides strength and support during installation, operation and removal.

A self sealing media gasket shall be incorporated into the construction of this filter by utilizing the overlap or selvage of excess media, which is created during the heat-sealing process.

A non-migratory, in-line tackifier shall be bonded to the downstream media fibers, which increases the filter's dust holding capacity and overall filtration efficiency.

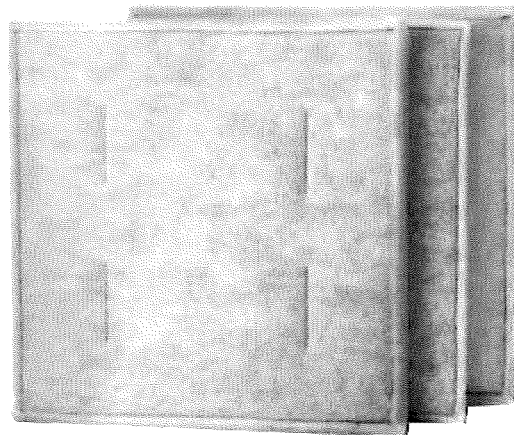
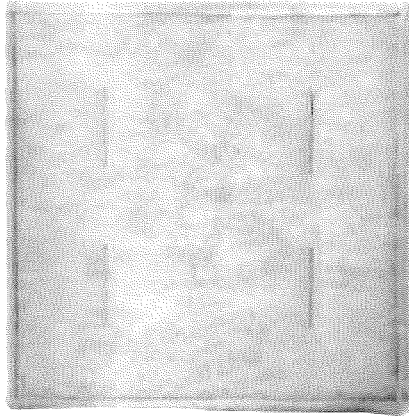
Performance

The filter shall have a MERV of 7, and an average Arrestance of 92% when evaluated in accordance with ANSI/ASHRAE Standard 52.2. The minimum dust holding capacity, when tested in accordance with this Standard, shall be no less than 180 grams. Initial resistance to airflow, when tested at 300 fpm, shall not exceed 0.35 in. wg. The filter shall be Class 900 listed by Underwriters Laboratories.

Typical Applications

AFP200P Ring Panels may be used as a stand-alone filter when specifications require a MERV 7 filter or in higher dust-laden air applications in light commercial or as a prefilter for higher efficiency final filtration in the following applications:

- Large Commercial Applications
- Industrial Applications
- Construction and Renovation Projects
- Schools and Institutional Buildings
- Hospital & Healthcare Facilities
- Food Manufacturing and Preparation
- Domestic Animal Husbandry



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Product Specifications {300P}

Internally Supported Ring Panel

Engineering Specification

All filters shall be medium efficiency, internally supported ring panels, consisting of multiple layers of 100% non-woven polyester media and 9 gauge internal wire frame. The media shall be white on the upstream side and blue on the downstream side of the filter.

Construction

The filter media shall be comprised of multiple layers of progressively dense, non-woven polyester fibers. Larger fibers are incorporated on the upstream side of the filter, with the fibers becoming increasingly smaller on the downstream side. The media shall be thermally sealed around a 9 gauge internal wire frame, which provides strength and support during installation, operation and removal.

A self sealing media gasket shall be incorporated into the construction of this filter by utilizing the overlap or selvage of excess media, which is created during the heat-sealing process.

A non-migratory, in-line tackifier shall be bonded to the downstream media fibers, which increases the filter's dust holding capacity and overall filtration efficiency.

Performance

The filter shall have a MERV of 8, and an average Arrestance of 92% when evaluated in accordance with ANSI/ASHRAE Standard 52.2. The minimum dust holding capacity, when tested in accordance with this Standard, shall be no less than 180 grams. Initial resistance to airflow, when tested at 300 fpm, shall not exceed 0.40 in. wg. The filter shall be Class 900 listed by Underwriters Laboratories.

Typical Applications

AFP300P Ring Panels may be used as a stand-alone filter when specifications require a MERV 8 filter or in higher dust-laden air applications in light commercial or as a prefilter for higher efficiency final filtration in the following applications:

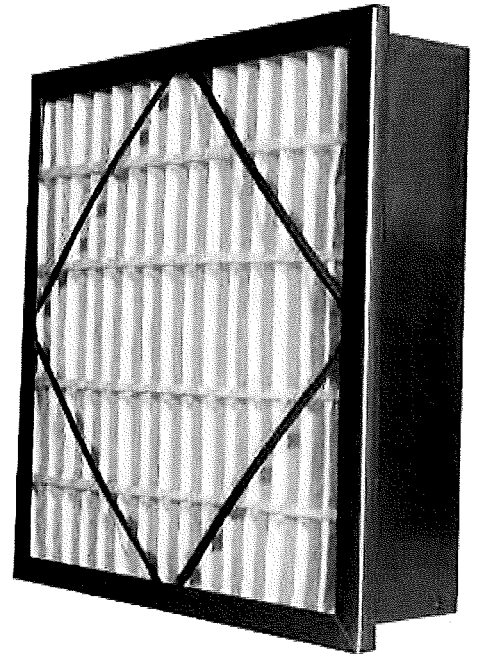
- Large Commercial Applications
- Industrial Applications
- Construction and Renovation Projects
- Schools and Institutional Buildings
- Hospital & Healthcare Facilities
- Food Manufacturing and Preparation
- Domestic Animal Husbandry



AIRFLOW PAK

AIRFLOW PAK extended surface self-supported rigid box filters are designed for use in air filtration systems and equipment where medium to high efficiency filtration is required. Available in a wide variety of standard sizes and depths, the AIRFLOW PAK provides optimal performance in variable air volume/variable flow systems. The media is 100% polypropylene non-shedding fibers that resist the growth of microorganisms. The filter is available in 6" and 12" depth and in square box or 7/8" peripheral header construction.

- ✓ 26 gauge galvanized frame construction, diagonal metal support stabilizers, injection molded plastic media separators and expanded metal media support creates a completely rigid filter.
- ✓ The media pack is bonded to the inside perimeter of the enclosure frame by a moisture resistant adhesive, providing a continuous, positive seal.
- ✓ Underwriters Laboratories listed per UL Standard 900.



Typical Applications

For use as a pre-filter for high efficient final filters, or as a stand-alone primary filter in:

- ◆ Commercial Buildings
- ◆ Educational Facilities
- ◆ Healthcare & Pharmaceutical Facilities
- ◆ Food and Beverage Processing Plants
- ◆ Museums
- ◆ Industrial Production Plants
- ◆ Microelectronic production
- ◆ MERV 13 and higher for LEED* Accredited Facility

Leadership in Energy and Environmental Design as required, by the US Green Building Council

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jeff@airflowproducts.net

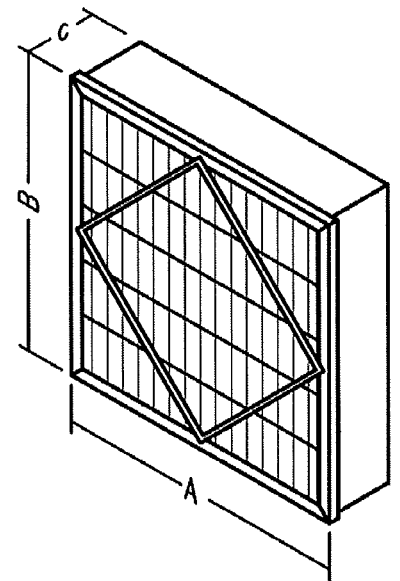
www.airflowproducts.net

Proud Member of



AIRFLOW PAK Purchasing Specification

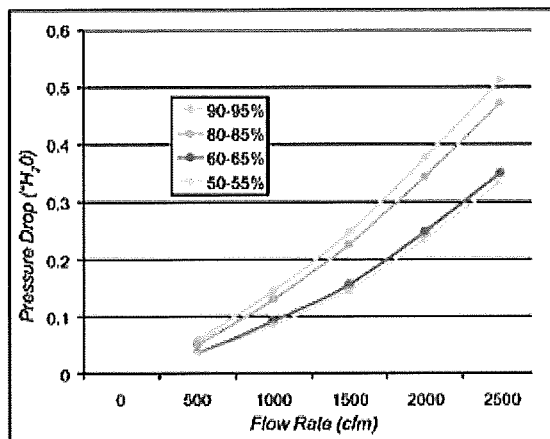
- Media shall be constructed using non-shedding 100% polypropylene fibers that resist the growth of microorganisms with an expanded metal backing.
- Media shall be bonded to the inside perimeter of frame using a moisture resistant adhesive providing a continuous positive seal.
- Media has expanded metal backing.
- Manufacturer, filter size and airflow indication shall be clearly labeled.
- Filter shall be a MERV 11-15 particle size efficiency per ANSI/ASHRAE Standard 52.2.
- Pressure drop shall correspond to manufacturer's literature.
- Independent laboratory test reports and filter samples shall be submitted for engineering evaluation and approval.
- Filter shall be listed Underwriter's Laboratory UL 900 for fire retardance.



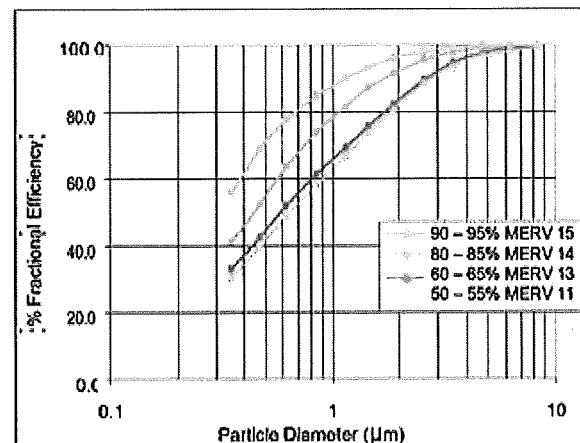
Size Chart - AFP50, AFP65, AFP85, AFP95

Model Number	Nominal Size	Width "A"	Height "B"	Depth "C"
AFPxxS-4412	24x24x12	23-3/8"	23-3/8"	11-1/2"
AFPxxS-2412	12x24x12	11-3/8"	23-3/8"	11-1/2"
AFPxxS-0412	20x24x12	19-3/8"	23-3/8"	11-1/2"
AFPxxS-0012	20x20x12	19-3/8"	19-3/8"	11-1/2"
AFPxxS-6012	16x20x12	15-3/8"	19-3/8"	11-1/2"
AFPxxS-6512	16x25x12	15-3/8"	24-3/8"	11-1/2"
AFPxxS-4406	24x24x12	23-3/8"	23-3/8"	5-7/8"
AFPxxS-2406	12x24x12	11-3/8"	23-3/8"	5-7/8"
AFPxxS-4106	20x24x12	19-3/8"	23-3/8"	5-7/8"
AFPxxS-0006	20x20x12	19-3/8"	19-3/8"	5-7/8"
AFPxxS-6006	16x20x12	15-3/8"	19-3/8"	5-7/8"
AFPxxS-6506	16x25x12	15-3/8"	24-3/8"	5-7/8"

Pressure Drop vs. Flow Rate



Efficiency vs. Particle Diameter



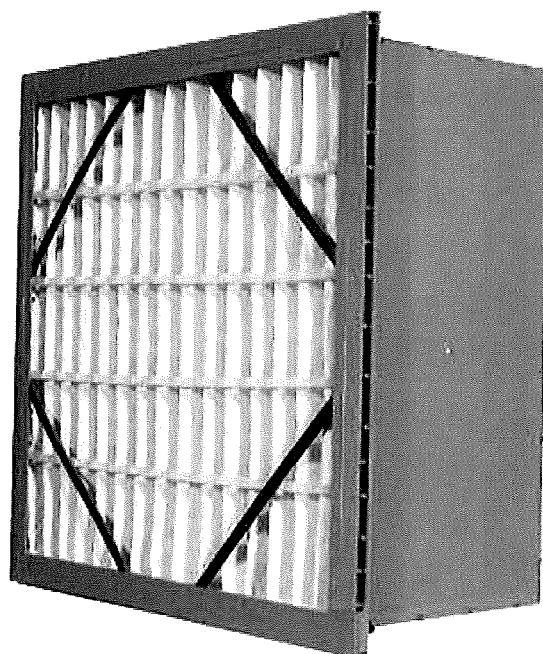
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AIRFLOW POLY PAK

AIRFLOW POLY PAK extended surface self-supported polypropylene framed rigid box filters are designed for use in air filtration systems and equipment where medium to high efficiency filtration is required. Available in a wide variety of standard sizes and depths, the AIRFLOW POLY PAK provides optimal performance in variable air volume / variable flow systems. The media is 100% polypropylene fibers that resist the growth of microorganisms. The filter is available in 6" and 12" depth and in square box or 7/8" peripheral header construction.

- ✓ Impact resistant polypropylene frame, polypropylene media and polypropylene media support and separators with expanded metal media backing for added strength and rigidity. Also available in plastic polypropylene.
- ✓ Available in MERV 13, 14, and 15 particle efficiency.
- ✓ Media is bonded to the inside of the enclosure frame by a moisture resistant adhesive, providing a continuous, positive seal.
- ✓ Underwriters Laboratories listed per UL Standard 900.



Typical Applications

For use as a pre-filter for HEPA filtration or as a high efficiency final filter in:

- ◆ Commercial Buildings
- ◆ Educational Facilities
- ◆ Healthcare & Pharmaceutical Facilities
- ◆ Food and Beverage Processing Plants
- ◆ Museums
- ◆ Industrial Production Plants
- ◆ Microelectronic production
- ◆ MERV 13 and higher for LEED* Accredited Facility

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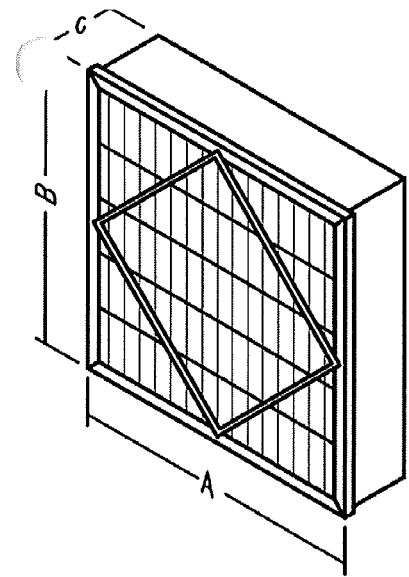
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AIRFLOW POLY PAK Purchasing Specification

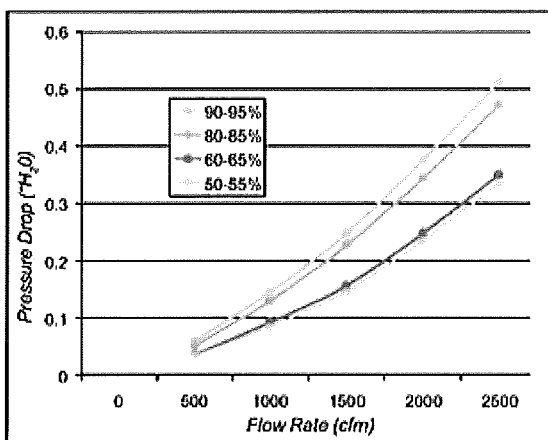
- Media shall be constructed using non-shedding 100% polypropylene fibers that resist the growth of microorganisms with an expanded metal backing.
- Media shall be bonded to the inside perimeter of frame using a moisture resistant adhesive providing a continuous positive seal.
- Frame and media supports are polypropylene.
- Manufacturer, filter size and airflow indication shall be clearly labeled.
- Filter shall be a MERV 11-15 particle size efficiency per ANSI/ASHRAE Standard 52.2.
- Pressure drop shall correspond to manufacturer's literature.
- Independent laboratory test reports and filter samples shall be submitted for engineering evaluation and approval.
- Filter shall be listed Underwriter's Laboratory UL 900 for fire retardance.



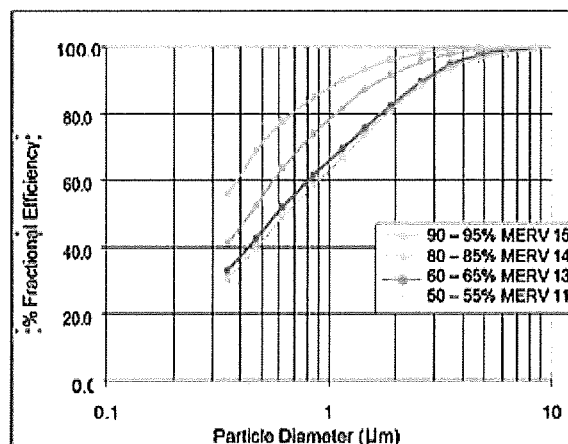
Size Chart - AFPP50, AFPP65, AFPP85, AFPP95

Model Number	Nominal Size	Width "A"	Height "B"	Depth "C"
AFPPxxS-4412	24x24x12	23-3/8"	23-3/8"	11-1/2"
AFPPxxS-2412	12x24x12	11-3/8"	23-3/8"	11-1/2"
AFPPxxS-0412	20x24x12	19-3/8"	23-3/8"	11-1/2"
AFPPxxS-0012	20x20x12	19-3/8"	19-3/8"	11-1/2"
AFPPxxS-6012	16x20x12	15-3/8"	19-3/8"	11-1/2"
AFPPxxS-6512	16x25x12	15-3/8"	24-3/8"	11-1/2"
AFPPxxS-4406	24x24x12	23-3/8"	23-3/8"	5-7/8"
AFPPxxS-2406	12x24x12	11-3/8"	23-3/8"	5-7/8"
AFPPxxS-0406	20x24x12	19-3/8"	23-3/8"	5-7/8"
AFPPxxS-0006	20x20x12	19-3/8"	19-3/8"	5-7/8"
AFPPxxS-6006	16x20x12	15-3/8"	19-3/8"	5-7/8"
AFPPxxS-6506	16x25x12	15-3/8"	24-3/8"	5-7/8"

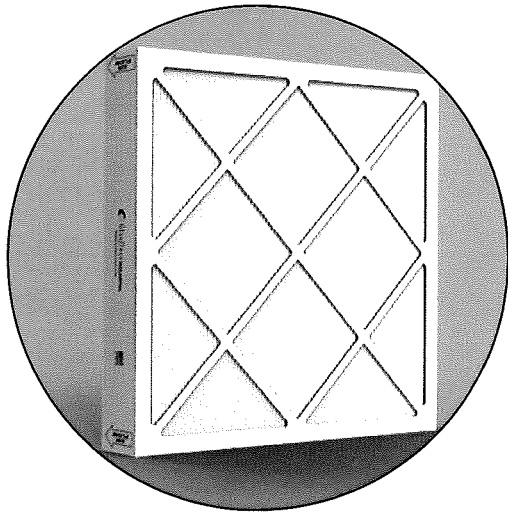
Pressure Drop vs. Flow Rate



Efficiency vs. Particle Diameter



Distributed by:



PURACELL II

Mini-Pleat Series

- Compact Design for Maximum Air Flow
- Four Efficiencies Available
- Standard and Special Sizes
- Media Will Not Support Microbial Growth

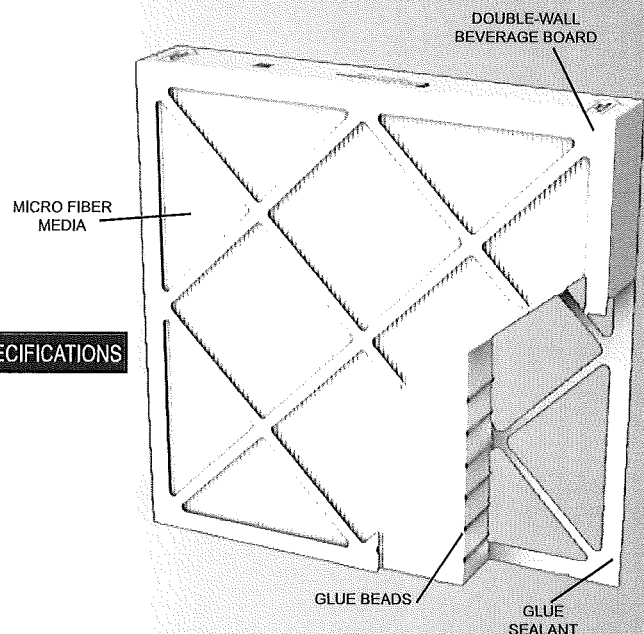
FEATURES



The Glasfloss Puracell II Mini-Pleat Series is designed for use in applications where a high degree of efficiency is required in a 4" filter. The Puracell II Series combines state-of-the-art mini-pleat construction techniques with superior reliability to offer maximum value for commercial and industrial applications. Additionally, the Puracell II offers unique advantages over the traditional 12" rigid box filter including lower freight costs, reduced storage area requirements and less impact on landfills. The Glasfloss Puracell II comes in a variety of sizes and efficiencies.

The Glasfloss Puracell II filter is a mini-pleat cartridge encapsulated between two heavy-duty beverage board die-cut frames. The die-cut frames are bonded together, creating a double-wall thickness around the perimeter of the filter. The Puracell II pack is pleated wet-laid micro fiber media. The pleats are separated and supported by a uniform glue bead that produces a low initial pressure drop while maximizing the filtration area. The media pack is resistant to moisture and does not support the growth of bacteria and mold. The media pack is thoroughly bonded to the interior of the die-cut frame. The filter shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The recommended final resistance for Puracell II filters is 1.5" w.g.

SPECIFICATIONS



"Serving You With Locations Throughout The Nation"

Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

www.glasfloss.com • (214) 741-7056

PRODUCT BULLETIN 11PUR • SECTION 11 • 5-2-16

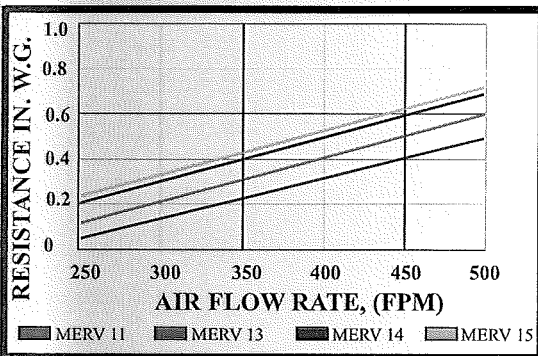
PURACELL II SERIES

MODEL NUMBER	SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	FINAL RESIST. IN. W.G.	MEDIA SQUARE FEET	SIZE W x H x D NOMINAL MM
MERV 15							
PURII2424495	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.72	1.50	122.95	610 x 610 x 102
PURII2025495	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.72	1.50	106.26	508 x 635 x 102
PURII2024495	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.72	1.50	101.90	508 x 610 x 102
PURII2020495	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.72	1.50	84.47	508 x 508 x 102
PURII1824495	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.72	1.50	91.38	457 x 610 x 102
PURII1625495	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.72	1.50	84.32	406 x 635 x 102
PURII1620495	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.72	1.50	67.03	406 x 508 x 102
PURII1224495	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.72	1.50	59.82	305 x 610 x 102
MERV 14							
PURII242449	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.68	1.50	122.95	610 x 610 x 102
PURII202549	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.68	1.50	106.26	508 x 635 x 102
PURII202449	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.68	1.50	101.90	508 x 610 x 102
PURII202049	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.68	1.50	84.47	508 x 508 x 102
PURII182449	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.68	1.50	91.38	457 x 610 x 102
PURII162549	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.68	1.50	84.32	406 x 635 x 102
PURII162049	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.68	1.50	67.03	406 x 508 x 102
PURII122449	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.68	1.50	59.82	305 x 610 x 102
MERV 13							
PURII242448	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.60	1.50	118.10	610 x 610 x 102
PURII202548	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.60	1.50	102.08	508 x 635 x 102
PURII202448	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.60	1.50	97.89	508 x 610 x 102
PURII202048	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.60	1.50	81.14	508 x 508 x 102
PURII182448	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.60	1.50	87.78	457 x 610 x 102
PURII162548	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.60	1.50	80.75	406 x 635 x 102
PURII162048	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.60	1.50	64.39	406 x 508 x 102
PURII122448	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.60	1.50	57.47	305 x 610 x 102
MERV 11							
PURII242446	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	118.10	610 x 610 x 102
PURII202546	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.48	1.50	102.08	508 x 635 x 102
PURII202446	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	97.89	508 x 610 x 102
PURII202046	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.48	1.50	81.14	508 x 508 x 102
PURII182446	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.48	1.50	87.78	457 x 610 x 102
PURII162546	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.48	1.50	80.75	406 x 635 x 102
PURII162046	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.48	1.50	64.39	406 x 508 x 102
PURII122446	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	57.47	305 x 610 x 102

Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Performance values based on ASHRAE and in-house testing methods.

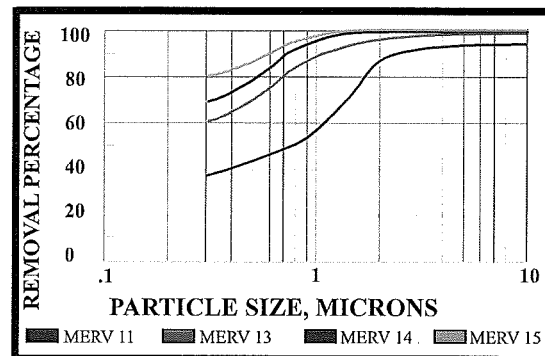
STANDARD PRESSURE DROP

Test Filter Size 24" x 24" x 4" Nominal



MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 4" Nominal



Distributed by:



500 West Big Beaver
 Troy, MI 48084
 troyml.gov

CITY COUNCIL AGENDA ITEM

Date: October 24, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
 Dee Ann Irby, Controller
 Kurt Bovensiep, Public Works Director
 Dennis Trantham, Facilities and Grounds Operations Manager
 Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications – Disposable HVAC Filters

History

- The Facilities Division is responsible for preventative maintenance for all HVAC equipment including filter changes at all City facilities.
- Filters are replaced based on the recommended interval established by the manufacturer.
- To allow for ease in purchasing filters as needed, improved delivery, and to secure the best pricing, a request for bid was solicited.

Purchasing

- On October 13, 2022 a bid opening was conducted as required by the City Charter/Code for one (1) year requirements of Disposable HVAC Filters with an option to renew for one (1) additional year.
- The bid was posted on the MITN Purchasing Group website; www.bidnetdirect.com//city-of-troy-mi.
- One Hundred and thirty-eight (138) vendors were notified via the MITN website.
- Four (4) bids were received. Below is a detailed summary of the vendor responses.

Companies notified via MITN	138
Troy Companies notified via MITN	2
Troy Companies - Active email Notification	2
Troy Companies - Active Free	0
Companies that viewed the bid	15
Troy Companies that viewed the bid	0

MITN provides a resourceful online platform to streamline the procurement process, reduce costs, and make it easier and more transparent for vendors to do business with the City of Troy.

Active MITN members with a current membership and paying annual dues receive automatic electronic notification which allows instant access to Bids, RFPS and Quote opportunities with the City.

Active MITN non-paying members are responsible to monitor and check the MITN website for opportunities to do business with the City.

Inactive MITN member status can occur when a company does not renew their account upon expiration. Inactive members cannot be notified of solicitations or access any bid information.

- Bid proposals were evaluated and it is recommended to award a single contract for Proposals A through M to the total low bidder meeting specifications *Aero Filter, Inc of Madison Heights, MI*.
- Proposal N - Miscellaneous Filters will not be awarded as no discount was given and will be ordered on as needed basis following the informal three-quote process.

Financial

Funds are budgeted and available in the various department operating budgets.



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Recommendation

City Management recommends awarding a one (1) year contract with an option to renew for one (1) additional year for Disposable HVAC Filters to the low total bidder meeting specifications, *Aero Filter, Inc. of Madison Heights, MI* for Proposals A through M at unit prices contained in the bid tabulation opened October 13, 2022; not to exceed budgetary limitations; contract to expire October 31, 2024.

CITY OF TROY
BID TABULATION
DISPOSABLE HVAC FILTERS

VENDOR NAME:	Filterbuy Inc	Florence Filter Corp	Aero Filter, Inc.	Camfil USA
CITY:	Talladega, AL	Compton, MI	Madison Hgts., MI	Livonia, MI

TO PROVIDE ONE (1) YEAR REQUIRMENTS OF DISPOSABLE HVAC FILTERS FOR THE CITY OF TROY, WITH AN OPTION TO RENEW FOR ONE ADDITIONAL YEAR

PROPOSAL A - CITY HALL											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
1.	AHU-1 (3) AHU-3 (3)	12x24x2 STP CAP WIRE BACK	6	NO BID		\$8.35	\$50.10	\$3.84	\$23.04	\$3.27	\$19.62
2.	AHU-1 (9) AHU-2 (12) AHU-3 (9)	24x24x2 STD CAP WIRE BACK	30	NO BID		\$9.59	\$287.70	\$5.78	\$173.40	\$5.09	\$152.70
3.	AHU-1 (3) AHU-3 (3)	12x24x12 RIGID CELL 85S HFT Plastic Frame: Header; Side Gasket on 1-12 in and 1-24 in	6	\$68.03	\$408.18	\$56.09	\$336.54	\$52.58	\$315.48	\$93.75	\$562.50
4.	AHU-1 (9) AHU-2 (12) AHU-3 (9)	24x24x12 RIGID CELL 85S HF4 Plastic Frame: Header: Side Gasket on 1-24 in Dimension	30	\$77.39	\$2,321.70	\$77.73	\$2,331.90	\$68.39	\$2,051.70	\$117.77	\$3,533.10
5.	AHU-3	12x24x12, 99.99% HC HEPA S Gasket (11.38 x 23.38 x 11.5)	3	NO BID		\$258.97	\$776.91	\$350.37	\$1,051.11	\$219.87	\$659.61
6.	AHU-3	24x24x12 99.99% HC HEPA w/DS Gasket (11.38 x 23.3 x 11.5)	9	NO BID		\$295.13	\$2,656.17	\$409.02	\$3,681.18	\$307.45	\$2,767.05
7.	AHU-5	12x24xPanel 2 Ply Panel	6	NO BID		\$8.67	\$52.02	\$4.47	\$26.82	\$3.93	\$23.58
8.	AHU-5	24x24xPanel 2 Ply Panel	15	NO BID		\$10.21	\$153.15	\$5.78	\$86.70	\$3.56	\$53.40
9.	AHU-5	12x24x15 BAG 85S 3P SH M13 WTC FA-TL	6	NO BID		\$24.42	\$146.52	\$19.50	\$117.00	\$52.20	\$313.20
10.	AHU-5	24x24x15 BAG 85S 6P SH M13 WTC FA-TL	15	NO BID		\$37.78	\$566.70	\$30.52	\$457.80	\$36.40	\$546.00
11.	FIRE CONF	20x20x1	1	\$5.01	\$5.01	\$8.55	\$8.55	\$4.27	\$4.27	\$3.41	\$3.41
MANUFACTURER:				Filterbuy		FFC, GlasFloss, Pamlico		Aero Filter, Inc.		Camfil USA	
PROPOSAL A TOTAL:				\$2,734.89		\$7,366.26		\$7,988.50		\$8,634.17	
PROPOSAL B - POLICE											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
12.	RTU-1 (24) RTU-2 (24)	12x24x2 STD CAP WIRE BACK	48	NO BID		\$8.35	\$400.80	\$3.84	\$184.32	\$3.27	\$156.96
13.	RTU-3	24x24x2	6	\$6.78	\$40.68	\$9.59	\$57.54	\$5.78	\$34.68	\$5.09	\$30.54
14.	RTU-4	18x24x2	4	\$6.34	\$25.36	\$9.06	\$36.24	\$5.03	\$20.12	\$4.44	\$17.76
15.	ACU-1 (1) ACU-2 (1) ACU-4 (1) ACU-5 (1)	16x20x1	4	\$5.24	\$20.96	\$8.24	\$32.96	\$3.84	\$15.36	\$2.99	\$11.96
16.	ACU-3	16x25x1	1	\$5.62	\$5.62	\$8.55	\$8.55	\$4.27	\$4.27	\$3.51	\$3.51
17.	Dispatch Equipment	20x20x4	2	\$8.22	\$16.44	\$11.26	\$22.52	\$8.59	\$17.18	\$7.65	\$15.30
18.	FPBs	20x25x1	5	\$6.02	\$30.10	\$8.86	\$44.30	\$4.75	\$23.75	\$3.99	\$19.95
19.	PD Garage Unit Heater	16x25x2	2	\$5.88	\$11.76	\$8.86	\$17.72	\$4.69	\$9.38	\$4.01	\$8.02
MANUFACTURER:				Filterbuy		FFC, GlasFloss, Pamlico		Airflow Products		Camfil USA	
PROPOSAL B TOTAL:				\$150.92		\$620.63		\$309.06		\$264.00	
PROPOSAL C - DISTRICT 52-4 COURT											
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
20.	RTU-1 (10) RTU-2 (10)	24x24x2 Ply Panel	20	NO BID		\$10.21	\$204.20	\$5.78	\$115.60	\$3.46	\$69.20
21.	RTU-1 (5) RTU-2 (5)	12x24x2 Ply Panel	10	NO BID		\$8.67	\$86.70	\$4.47	\$44.70	\$3.77	\$37.70
22.	RTU-1 (10) RTU-2 (10)	24x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	20	NO BID		\$64.57	\$1,291.40	\$66.81	\$1,336.20	\$74.71	\$1,494.20
23.	RTU-1 (5) RTU-2 (5)	12x24x4 MINIPLEAT M11 BX PUR II 122446 DIE CUT FRAME MICROGLASS MEDIA: BOX	10	NO BID		\$48.48	\$484.80	\$40.66	\$406.60	\$51.06	\$510.60
24.	RTU-3	16x24x4	24	\$8.85	\$207.60	\$10.97	\$263.28	\$8.44	\$202.56	\$8.44	\$202.56
25.	RTU-3	20x20x1 METAL MESH	20	NO BID		\$33.85	\$677.00	\$22.68	\$453.60	\$29.85	\$597.00
MANUFACTURER:				Filterbuy		FFC, GlasFloss, Pamlico		Aero Filter; Airflow Prdts; GlasFlow		Camfil USA	
PROPOSAL C TOTAL:				\$207.60		\$3,007.38		\$2,559.26		\$2,911.26	

CITY OF TROY
 BID TABULATION
 DISPOSABLE HVAC FILTERS

PROPOSAL D - LIBRARY											
VENDOR NAME:				Filterbuy Inc		Florence Filter Corp		Aero Filter, Inc.		Camfil USA	
#	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
26.	RTU-1	16x20x2	4	\$4.98	\$19.92	\$8.43	\$33.72	\$4.12	\$16.48	\$3.47	\$13.88
27.	RTU-2 RTU-7 RTU-8 RTU-9 *NEW 2023	20x20x2	12	\$5.94	\$71.28	\$8.80	\$105.60	\$4.64	\$55.68	\$4.01	\$48.12
28.	RTU-3	24x24x2	6	\$6.78	\$40.68	\$9.59	\$57.54	\$5.78	\$34.68	\$5.09	\$30.54
29.	RTU-4 (4) RTU-5 (4)	18x24x2	8	\$6.34	\$50.72	\$9.06	\$72.48	\$5.03	\$40.24	\$4.44	\$35.52
30.	RTU 6-10 (2 each)	16x25x2	10	\$5.88	\$58.80	\$8.86	\$88.60	\$4.69	\$46.90	\$4.01	\$40.10
31.	Basement	24x24x4 STD CAP WIRE BACK	10	NO BID		\$11.34	\$113.40	\$10.81	\$108.10	\$9.45	\$94.50
32.	Basement	12x24x4 STD CAP WIRE BACK	5	NO BID		\$10.86	\$54.30	\$6.49	\$32.45	\$5.96	\$29.80
33.	Furnace Basement	20x25x5 AIR BEAR	1	\$13.86	\$13.86	\$40.48	\$40.48	\$16.44	\$16.44	\$14.14	\$14.14
34.	Lobby	16x25x1	1	\$5.62	\$5.62	\$8.55	\$8.55	\$4.27	\$4.27	\$3.51	\$3.51
35.	Condenser	15x20x1	1	\$5.66	\$5.66	\$8.24	\$8.24	\$3.86	\$3.86	\$3.18	\$3.18
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts; GlasFloss		Camfil USA	
PROPOSAL D TOTAL:				\$266.54		\$582.91		\$359.10		\$313.29	
PROPOSAL E - COMMUNITY CENTER											
#	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
36.	RTU 1-1 (8) RTU 1-2 (8) RTU 2-1 (8) RTU 3-1 (6) RTU 4-1 (6)	24x24x2	36	\$6.78	\$244.08	\$9.59	\$345.24	\$5.78	\$208.08	\$5.09	\$183.24
37.	RTU 2-2 (24) RTU 3-1 (3) RTU 4-1 (3)	12x24x2	30	\$5.60	\$168.00	\$8.35	\$250.50	\$3.84	\$115.20	\$3.27	\$98.10
38.	ERV 3-1	16x20x2	4	\$4.98	\$19.92	\$8.43	\$33.72	\$4.12	\$16.48	\$3.47	\$13.88
39.	(12) ERV 1-2 ERV 4-1 ERV 5-1 ERV 5-2 ERV 6-1	16x25x2	80	\$5.88	\$470.40	\$8.86	\$708.80	\$4.69	\$375.20	\$5.14	\$411.20
40.	(12) RTU 5-2 (12) RTU 6-1 (12)	20x20x2	36	\$5.94	\$213.84	\$8.80	\$316.80	\$4.64	\$167.04	\$4.01	\$144.36
41.	ERV 2-1 (6) ERV 2-2 (6) MAU 4-1 (4)	20x25x2	16	\$6.50	\$104.00	\$9.26	\$148.16	\$5.31	\$84.96	\$4.44	\$71.04
42.	RTU 1-1 (8) RTU 1-2 (8) RTU 2-1 (8) RTU 3-1 (6) RTU 4-1 (6)	24x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	36	NO BID		\$64.57	\$2,324.52	\$66.81	\$2,405.16	\$76.36	\$2,748.96
43.	RTU 2-2 (24) RTU 3-1 (3) RTU 4-1 (3)	12x24x4 MINIPLEAT M11 BX PUR II 242446 DIE CUT FRAME MICROGLASS MEDIA: BOX	30	NO BID		\$48.48	\$1,454.40	\$40.66	\$1,219.80	\$52.19	\$1,565.70
44.	DHU 4-1	12x24x4 STD CAP WIRE RACK	24	NO BID		\$10.86	\$260.64	\$6.49	\$155.76	\$5.96	\$143.04
45.	VAV	17 3/8 x 21 1/4 x 1	18	\$7.78	\$140.04	\$9.85	\$177.30	\$3.91	\$70.38	\$14.18	\$255.24
46.	VAV	9 7/8 x 13 1/2 x 1	2	\$7.68	\$15.36	\$8.68	\$17.36	\$3.35	\$6.70	\$7.93	\$15.86
47.	VAV	14 7/8 x 17 3/8 x 1	7	\$8.06	\$56.42	\$9.43	\$66.01	\$3.98	\$27.86	\$11.15	\$78.05
48.	VAV	12 3/8 x 15 1/2 x 1	5	\$8.66	\$43.30	\$9.16	\$45.80	\$3.69	\$18.45	\$11.15	\$55.75
49.	VAV	8x19x1	1	\$8.55	\$8.55	\$9.22	\$9.22	\$3.48	\$3.48	\$7.93	\$7.93
50.	VAV	20x20x1	2	\$5.01	\$10.02	\$8.55	\$17.10	\$4.27	\$8.54	\$3.41	\$6.82
MANUFACTURER:				Filterbuy		FFC, GlasFloss, Pamlico		Air Rite; GlasFloss; Airflow Prdts		Camfil USA	
PROPOSAL E TOTAL:				\$1,493.93		\$6,175.57		\$4,883.09		\$5,799.17	

CITY OF TROY
 BID TABULATION
 DISPOSABLE HVAC FILTERS

PROPOSAL F - TRAINING CENTER											
VENDOR NAME:				Filterbuy Inc		Florence Filter Corp		Aero Filter, Inc.		Camfil USA	
#	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
51.	RTU 1-6	16x25x2	12	\$5.88	\$70.56	\$8.86	\$106.32	\$4.69	\$56.28	\$4.01	\$48.12
52.	NEW 2023	20x20x2	24	\$5.94	\$142.56	\$8.80	\$211.20	\$4.64	\$111.36	\$4.01	\$96.24
MANUFACTURER:				Filterbuy		Not Specified		Airflow Prdts		Camfil USA	
PROPOSAL F TOTAL:				\$213.12		\$317.52		\$167.64		\$144.36	
PROPOSAL G - FIRE STATION 1-6											
#	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
53.	FS 1 (1) FS 2 (1) FS 5 (1) FS 6 (1)	20x25x5 Air Bear	4	\$13.86	\$55.44	\$40.48	\$161.92	\$16.44	\$65.76	\$14.14	\$56.56
54.	FS 1 (1) Electrical	18x25x1	1	\$6.08	\$6.08	\$10.30	\$10.30	\$5.34	\$5.34	\$4.46	\$4.46
55.	FS 3 (3)	16x25x1	3	\$5.62	\$16.86	\$8.55	\$25.65	\$4.27	\$12.81	\$3.51	\$10.53
56.	FS 4 (4)	16x20x2	4	\$4.98	\$19.92	\$8.43	\$33.72	\$4.12	\$16.48	\$3.47	\$13.88
57.	FS 4 (4)	20x25x2	4	\$6.50	\$26.00	\$9.26	\$37.04	\$5.31	\$21.24	\$4.44	\$17.76
58.	FS 4 (4)	20x20x2	4	\$5.94	\$23.76	\$8.80	\$35.20	\$4.64	\$18.56	\$4.01	\$16.04
59.	FS 4 Air Scrubbers	24x24x3 Ply Panel	6	NO BID		\$12.35	\$74.10	\$9.50	\$57.00	\$2.14	\$12.84
60.	FS 4 Weight	20x20x1	1	\$5.01	\$5.01	\$8.55	\$8.55	\$4.27	\$4.27	\$3.41	\$3.41
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL G TOTAL:				\$153.07		\$386.48		\$201.46		\$135.48	
PROPOSAL H - DWA											
#	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
61.	RTU 1 (4) RTU 2 (4) RTU 3 (4)	20x25x2	12	\$6.50	\$78.00	\$9.26	\$111.12	\$5.31	\$63.72	\$4.44	\$53.28
62.	RTU 4 (4) RTU 5 (2)	16x20x2	6	\$4.98	\$29.88	\$8.43	\$50.58	\$4.12	\$24.72	\$3.47	\$20.82
63.	GG (1) Fac Stor (1)	16x25x1	2	\$5.62	\$11.24	\$8.55	\$17.10	\$4.27	\$8.54	\$3.51	\$7.02
64.	GG	14x20x1	1	\$5.38	\$5.38	\$8.32	\$8.32	\$3.93	\$3.93	\$2.71	\$2.71
65.	Room	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
66.	Lounge	12x24x1	3	\$5.52	\$16.56	\$8.33	\$24.99	\$3.79	\$11.37	\$3.05	\$9.15
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
PROPOSAL H TOTAL:				\$153.10		\$229.83		\$121.78		\$100.96	
PROPOSAL I - HISTORIC VILLAGE											
#	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
67.	Caswell	20x20x1	1	\$5.01	\$5.01	\$8.55	\$8.55	\$4.27	\$4.27	\$3.41	\$3.41
68.	Barnard	20x20x2 Glassfloss Zline	2	NO BID		\$8.80	\$17.60	\$4.64	\$9.28	\$4.01	\$8.02
69.	Main	20x22x1	1	\$6.00	\$6.00	\$8.60	\$8.60	\$6.97	\$6.97	\$16.58	\$16.58
70.	Main	14x25x1	1	\$5.82	\$5.82	\$8.57	\$8.57	\$4.82	\$4.82	\$3.49	\$3.49
71.	Print Shop	16x20x1	1	\$5.24	\$5.24	\$8.24	\$8.24	\$3.84	\$3.84	\$2.99	\$2.99
72.	Barnard (1) Caswell (1) Town Hall Gen S F1 Gen S F2 Pars F1 (1) Ch F1 (1) Ch F2 (1) NEW 2022	16x25x1	8	\$5.62	\$44.96	\$8.55	\$68.40	\$4.27	\$34.16	\$3.51	\$28.08
73.	Poppleton	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
74.	Barnard	20x25x4 Carbon Pleat	1	\$22.54	\$22.54	\$32.37	\$32.37	\$27.12	\$27.12	\$48.31	\$48.31
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL I TOTAL:				\$101.61		\$170.05		\$99.96		\$118.86	

CITY OF TROY
 BID TABULATION
 DISPOSABLE HVAC FILTERS

PROPOSAL J - NATURE CENTER				Filterbuy Inc		Florence Filter Corp		Aero Filter, Inc.		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
75.	F1 (1) F4 (1) F5 (1) F6 (1)	18x24x1	4	\$6.14	\$24.56	\$8.84	\$35.36	\$4.69	\$18.76	\$3.53	\$14.12
76.	F2 (1) F3 (1)	16x20x1	2	\$5.24	\$10.48	\$8.24	\$16.48	\$3.84	\$7.68	\$2.99	\$5.98
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
PROPOSAL J TOTAL:				\$35.04		\$51.84		\$26.44		\$20.10	
PROPOSAL K - SYLVAN GLEN				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
77.	RTU-1MB	16x25x1	2	\$5.62	\$11.24	\$8.55	\$17.10	\$4.27	\$8.54	\$3.51	\$7.02
78.	RTU-1MB	14x30x1	1	\$6.30	\$6.30	\$8.61	\$8.61	\$6.65	\$6.65	\$14.18	\$14.18
79.	F2 MB	16x25x1	1	\$5.62	\$5.62	\$8.55	\$8.55	\$4.27	\$4.27	\$3.51	\$3.51
80.	Pro Shop	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
MANUFACTURER:				Filterbuy		FFC, Pamlico		Airflow Prdts		Camfil USA	
PROPOSAL K TOTAL:				\$35.20		\$51.98		\$28.96		\$32.69	
PROPOSAL L - SANCTUARY LAKE				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
81.	Pro Shop (1) Pub (1)	16x25x1	2	\$5.62	\$11.24	\$8.55	\$17.10	\$4.27	\$8.54	\$3.51	\$7.02
82.	AH Kitchen	20x22x1	1	\$6.00	\$6.00	\$8.60	\$8.60	\$6.97	\$6.97	\$14.67	\$14.67
83.	F MB Attic	14x24x1	1	\$5.76	\$5.76	\$8.39	\$8.39	\$6.21	\$6.21	\$4.38	\$4.38
84.	Clubhouse	20x20x1	4	\$5.01	\$20.04	\$8.55	\$34.20	\$4.27	\$17.08	\$3.41	\$13.64
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL L TOTAL:				\$43.04		\$68.29		\$38.80		\$39.71	
PROPOSAL M - TRANSIT CENTER				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
# Item	Units	Size in Inches Description	Est. Qty	Price Each	Total	Price Each	Total	Price Each	Total	Price Each	Total
85.	Mechanical Room	16x24x1	1	\$6.00	\$6.00	\$8.57	\$8.57	\$4.45	\$4.45	\$4.00	\$4.00
86.	Bridge 1 on each end	20x25x1	2	\$6.02	\$12.04	\$8.86	\$17.72	\$4.75	\$9.50	\$3.99	\$7.98
87.	Stairways (1) South lower level (2) North lower level	9 3/4 x 32 5/8 x 1	3	\$9.25	\$27.75	\$10.52	\$31.56	\$5.23	\$15.69	\$14.18	\$42.54
MANUFACTURER:				Filterbuy		FFC, Pamlico		Aero Filter; Airflow Prdts		Camfil USA	
PROPOSAL M TOTAL:				\$45.79		\$57.85		\$29.64		\$54.52	
GRAND TOTAL ALL ITEMS:				\$5,633.85		\$19,086.59		\$16,813.69		\$18,568.57	
PROPOSAL N - MISC FILTERS				Filterbuy		Florence Filter Corp		0%		Not Specified	
DISCOUNT ON ALL OTHER FILTERS NOT LISTED:				0%		0%		0%		Not Specified	
MANUFACTURER:				Filterbuy		Florence Filter Corp		0%		Not Specified	
AUTHORIZED DEALER: Y or N				Y		Y		Y		Y	
WARRANTY:				Return unused product within 90 days for full refund		Please see attached		Dependent on request		Not Specified	
CONTACT INFORMATION: Names:				Erin Spohn, Jr. Bid Analyst; Chelsea Gayden, Bid Manager		Nagah Hanna; Karen Lopez		Jeff Williams sales@aerofilter.com		Brent Phillips	
24Hr Phone:				843-232-6937 213-915-8146		310-637-1137		248-670-2020		734-261-1860	
Hrs. of Operation:				8:30 am - 5:30 pm EST		12 hours		M-Th 7am-5pm; F 7am-4:30pm			
DELIVERY REQUIREMENTS INITIALED: Y or N				Y		Y		Y		N	
METHOD OF DELIVERY:				Truck - FOB		FedEx; UPS		Our truck or customer pick up		Truck	
DESCRIPTIVE LITERATURE PROVIDED: Y or N				Y		Y		Y		Y	
REFERENCES: Y or N				Y		Y		Y		Y	
PAYMENT TERMS:				Net 30		30 days		Net 30		Net 30	
ALL OR NONE AWARD: Y or N				N		N		N		Y	
EXCEPTIONS: Y or N				None		None		None		None	
ACKNOWLEDGEMENT SIGNED: Y or N				Y		Y		Y		Y	
FORMS: Y or N				Y		Y		Y		Incomplete	

Attest:
 (*Bid Opening conducted via a Zoom Meeting)
 Zach Haapala
 Laura Campbell
 Beth Zaccardelli

Low Total Bidder Meeting Specifications

Emily Frontera
 Purchasing Manager