

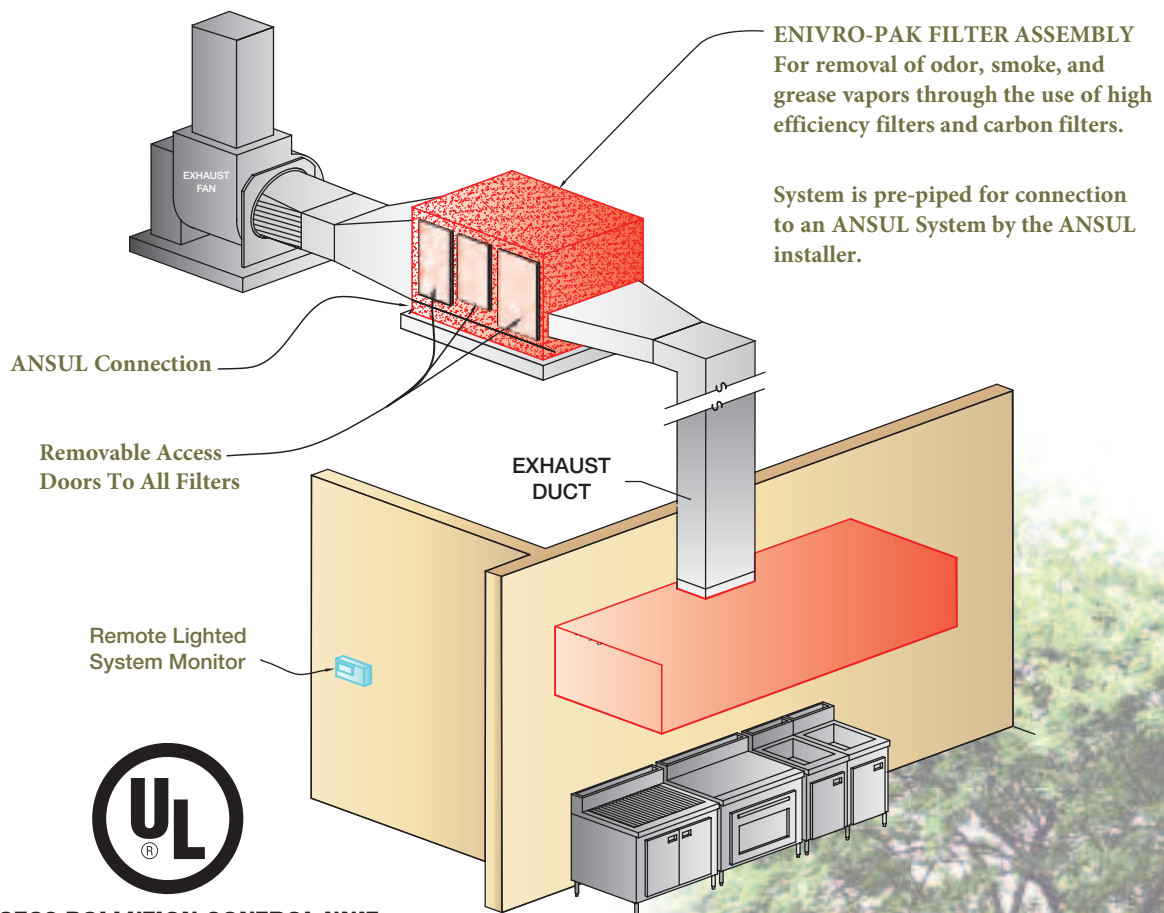
MOLITRON ENVIRO-PAK FILTER ASSEMBLY

The Molitron UL Listed Enviro-Pak Filter Assembly (EPFA) is 18 gauge, type 304 stainless steel enclosure fitted with top, bottom, and end channels for holding in place pre-filters and 95% or higher Class One filter media for removing odor, smoke, and grease vapors from kitchen exhaust air.

Cooking emissions can become a neighborhood nuisance if not properly controlled. Visible smoke & odor may alert authorities to possible compliance problems.

An **ENVIRO-PAK FILTER ASSEMBLY** removes these concerns and **CREATES CLEAN AIR!**

Designed especially for light duty commercial kitchens, the **ENVIRO-PAK FILTER ASSEMBLY** can be located at any point, indoor or outdoor, between the kitchen hood and the point of discharge of the exhaust air into the atmosphere.



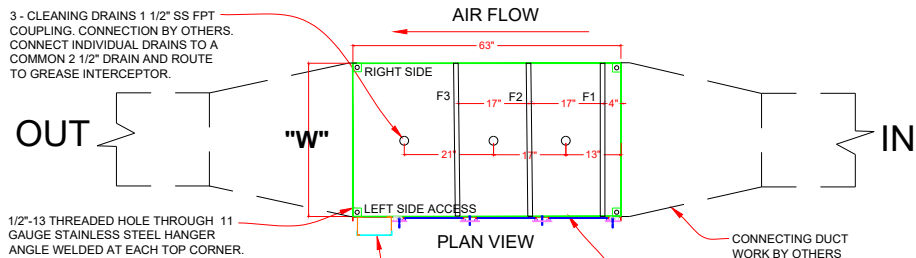
**UL 8782 POLLUTION CONTROL UNIT
3 KEV
File Number MH45752**

MOLITRON 
COMPANY INC.

303-969-8888 • molitron.com • cleanair@molitron.com

ENVIRO-PAK FILTER ASSEMBLY (LEFT ACCESS)

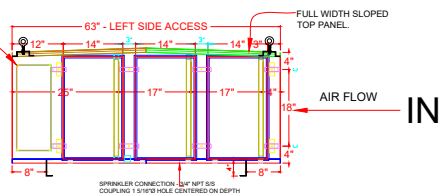
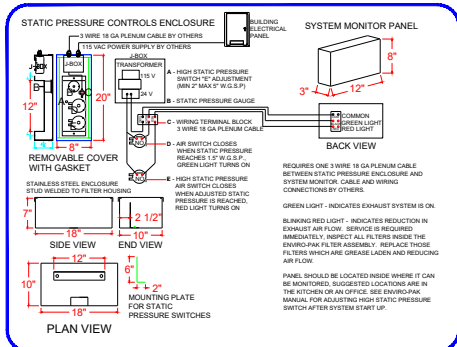
CFM CAPACITY VARIES BY WIDTH "W"
(SEE SPECIFICATIONS CHART BELOW)



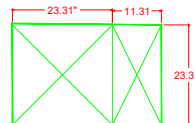
1/2"-13 THREADED HOLE THROUGH 11 GAUGE STAINLESS STEEL HANGER ANGLE WELDED AT EACH TOP CORNER. EACH FURNISHED WITH REMOVABLE GALVANIZED STEEL EYEBOLT - 1/2"-13 THREAD SIZE, 1-7/8" THREAD LENGTH.

HS SPRING HANGERS, 1/2" THREADED RODS, AND HARDWARE INSTALLATION BY OTHERS.

STATIC PRESSURE CONTROLS ENCLOSURE AND SYSTEM MONITOR



FILTER SIZES



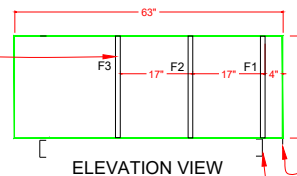
- 1ST ROW - FIBERBOND DUSTLOK MERV 9 MULTI-POCKET FILTERS (23.31" H x 23.31" W x 12" D)
- 2ND & 3RD ROW - CAMFIL HI-FLO MERV 14 MULTI-POCKET HIGH EFFICIENCY FILTERS (23.31" H x 23.31" W x 12" D)
- 3RD ROW OPTION - CAMERON V-BANK CARBON FILTERS (23.375" H x 23.375" W x 12" D)

INCLUDES 1 ROW OF PRE-FILTERS, 2 ROWS OF MULTI-POCKET HIGH EFFICIENCY FILTERS. OPTIONALLY, REPLACE LAST ROW WITH CARBON FILTERS.

3 - 1" WIDE FILTER CHANNELS WELDED T304 18 GA STAINLESS STEEL (TOP, BOTTOM, AND BACK SIDE). CHANNELS TO BE SEALED TO OUTSIDE SKIN WITH HIGH TEMPERATURE SILICONE

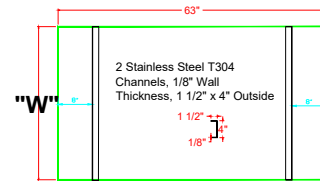
- F1 - PRE FILTER ROW CHANNEL
- F2 - 2ND ROW FILTER CHANNEL
- F3 - 3RD ROW FILTER CHANNEL

SEE "FILTERS" FOR MORE INFORMATION



1.5" FLANGE AROUND TOTAL PERIMETER FOR WELDING TO CONNECTING DUCT WORK.

2 STAINLESS STEEL FULL WIDTH BOTTOM RAILS (1.5" X 4") WELDED TO BOTTOM OF ENVIRO-PAK FILTER ASSEMBLY



BASIC FOOTPRINT FOR THIS ASSEMBLY IS THE WIDTH FROM THE SPECIFICATIONS CHART BELOW BY 63" LONG. 2 STAINLESS STEEL CHANNELS (1.5" X 4") TO BE WELDED TO BOTTOM OF HOUSING.

ENVIRO-PAK INSTALLATION NOTES

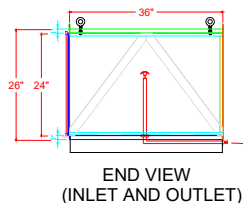
SERVICE ACCESS SIDE OF SCRUBBER REQUIRES A MINIMUM OF 30 INCHES FREE SPACE BETWEEN SCRUBBER AND ANY ADJACENT WALLS.

ALL OTHER SIDES MUST BE A MINIMUM OF 18" CLEARANCE TO COMBUSTIBLE MATERIALS AND BUILDING INSULATION OR ZERO CLEARANCE TO NON-COMBUSTIBLE MATERIALS.

WHEN SCRUBBER IS LOCATED ABOVE A CEILING, A PERMANENT PLATFORM (BY OTHERS) IS REQUIRED FOR SERVICING SCRUBBER EVERY FOUR WEEKS. PLATFORM SHOULD BE AT SAME HEIGHT AS BOTTOM OF SCRUBBER.

EXHAUST FAN SHOULD BE:

- 1) UL LISTED FOR KITCHEN EXHAUST APPLICATIONS.
- 2) A BACKWARD INCLINED UTILITY TYPE FAN WITH EASILY ADJUSTABLE RPM.
- 3) SIZED FOR 1.54" W.G.S.P. (INITIAL RESISTANCE) PLUS HOOD AND DUCT STATIC LOSS



FIRE SUPPRESSION (WATER OR ANSUL CONNECTIONS):

WATER - 3/4" CONNECTION FOR CONNECTING TO THE BUILDING SPRINKLER SYSTEM BY OTHERS.

ANSUL (IN LIEU OF WATER) - IF LOCAL CODE REQUIRES, ANSUL PRE-PIPING CAN BE ORDERED. THE ANSUL INSTALLER ON SITE IS RESPONSIBLE FOR FINAL HOOK-UP, PERMITS, DRAWING SUBMITTALS, FINAL TESTING AND SHALL PROVIDE ANSUL TANKS, AGENT, PIPING FROM TANKS TO PRE-PIPED NOZZLES, REGULATED ACTUATORS, CARTRIDGES ETC. THE DETECTORS ARE MECHANICAL FUSIBLE LINK, NOT ELECTRIC.

ENVIRO-PAK WIDTH "W" (INCHES) SPECIFICATIONS CHART

MODEL NUMBER	CFM	"W" WIDTH	APPROX WGT LBS	PRE-FILTERS QTY	HIGH EFF FILTERS QTY	CARBON ADD WGT LBS
EPFA-24	1,800	24"	250	24" x 12"	24" x 24"	72
EPFA-36	2,700	36"	350	1	1	108
EPFA-48	3,600	48"	450	2	2	144
EPFA-60	4,500	60"	550	1	2	180
EPFA-72	5,400	72"	650	3	2	216
EPFA-84	6,300	84"	750	1	3	252
EPFA-96	7,200	96"	850	4	2	288
EPFA-108	8,100	108"	950	1	4	324
EPFA-120	9,000	120"	1,050	5	2	360
EPFA-132	9,900	132"	1,150	1	5	396
EPFA-144	10,800	144"	1,250	6	2	432

NOTE: SPACE SAVINGS CAN BE ACHIEVED WITH STACKING. PLEASE CONTACT FACTORY FOR MORE INFORMATION.

ENVIRO-PAK ASSEMBLY EXHAUST FILTRATION CONSISTS OF A PRE-FILTER SECTION AND 2 MULTI-POCKET FILTER SECTIONS TO BE INSTALLED IN LINE WITH A GREASE DUCT.

THE ENCLOSURE IS 18 GA TYPE 304 STAINLESS STEEL, FULLY WELDED SIDE WALL CONSTRUCTION. THE FILTER SECTION AND ELECTRICAL HOUSING IS EQUIPPED WITH REMOVABLE 18 GA SS ACCESS DOORS FOR ACCESS TO THE INTERIOR COMPONENTS.



UL FILE NUMBER
MH45752
UL LISTED TO UL 8782
POLLUTION CONTROL UNIT 3 KEV

INSTALL AND USE ONLY IN ACCORDANCE WITH MOLITRON INSTALLATION AND MAINTENANCE INSTRUCTIONS.

INSTALLING CONTRACTOR IS RESPONSIBLE FOR ANY LOCAL CODE REQUIREMENTS.

MAINTAIN A MINIMUM AIR SPACE CLEARANCE OF 18 INCHES TO COMBUSTIBLE MATERIALS AND BUILDING INSULATION.

MOLITRON
COMPANY INC

303.969.8888
cleanair@molttron.com
molttron.com

DRAWN BY	sa
DATE	02-2020
CHECKED BY	sa
SCALE	As Shown

MODEL:
ENVIRO-PAK SIZES (LEFT ACCESS)

CERTIFICATE OF COMPLIANCE

Certificate Number MH45752
Report Reference MH45752-20080108
Issue Date 2020-FEBRUARY-19

Issued to: MOLITRON CO INC
6545 Fenton St
Arvada CO 80003

**This certificate confirms that
representative samples of**

POLLUTION CONTROL UNITS FOR COMMERCIAL
COOKING

Grease Scrubbing unit, exhaust cleaning assemblies Model
AFSW (Enviro-Clean Air Scrubber) followed by 24, 36, 48,
60, 72, 84, 96, 108, 120, 132 or 144. Model EPFA (Enviro-
Pak Filter Assembly) followed by 24, 36, 48, 60, 72, 84, 96,
108, 120, 132 or 144

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

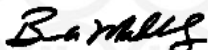
Standard(s) for Safety: UL 8782 OUTLINE OF INVESTIGATION FOR POLLUTION
CONTROL UNITS FOR COMMERCIAL COOKING
OPERATIONS

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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