

Enviro-Clean Air Scrubber

MOLITRON 
COMPANY INC.

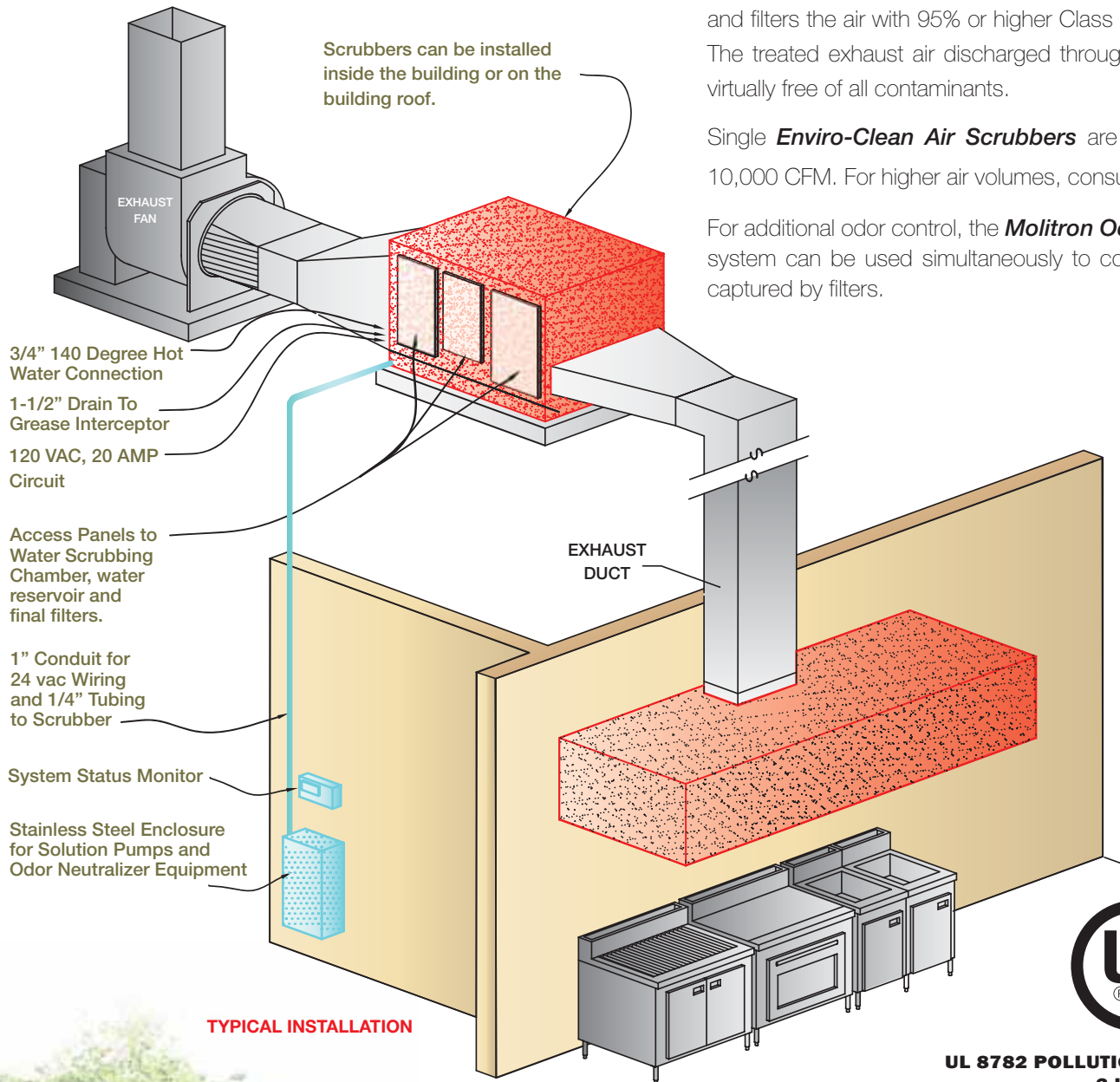
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Designed especially for commercial and institutional kitchens for the removal of grease vapor, smoke, particulates and odors, the **Enviro-Clean Air Scrubber** washes the exhaust air with water and a biocatalyst solution and filters the air with 95% or higher Class One filter media. The treated exhaust air discharged through this system is virtually free of all contaminants.

Single **Enviro-Clean Air Scrubbers** are sized for up to 10,000 CFM. For higher air volumes, consult the factory.

For additional odor control, the **Moliton Odor Abatement** system can be used simultaneously to combat odors not captured by filters.



UL 8782 POLLUTION CONTROL UNIT
3 KEV
File Number MH45752

ENVIRO-CLEAN AIR SCRUBBER

POLLUTION CONTROL SYSTEM
FOR HEAVY DUTY COOKING EQUIPMENT

The Enviro-Clean Air Scrubber keeps the Atmosphere Clear and Creates Clean Air

ENVIRO-CLEAN AIR SCRUBBER

Solving the Problems of Cooking Smoke and Greasy Odor Emissions



Smoke or greasy odor emissions from restaurant kitchens are not acceptable in many locations. One of the major issues faced by developers of high-rise hotel buildings, condominiums and mixed use developments is how to provide a recognized and code approved way of treating kitchen exhaust air that is free of smoke and odor emissions and suitable for side wall discharge at or near ground level.

The *UL Listed Enviro-Clean Air Scrubber* is the answer as it effectively scrubs the kitchen exhaust air with water and a specially formulated biocatalyst designed to break down grease vapors. It then filters the air with 95% or higher Class One filter media thereby eliminating virtually all visible emissions.

Designed especially for commercial restaurant kitchens, the *Enviro-Clean Air Scrubber* can be located at any point between the kitchen hood and the exhaust fan.

INSIDE INSTALLATION:

Scrubbers may be installed above the kitchen ceiling if clearance between ceiling and structure is at least 48". Scrubbers are furnished with 3/4" steel eye hooks on each outside corner for attaching scrubber to structural support.

Scrubbers must be installed with a minimum airspace clearance of 18 inches to combustible materials and building insulation on three sides. Scrubbers may be installed with '0' clearance to non-combustible materials. On the service access panel side, there must be airspace clearance of 30 inches to allow for replacement of filters and other maintenance or service.



OUTSIDE INSTALLATION:

Scrubbers may be installed on appropriate locally approved raised curb furnished by installing contractor.

If subject to freezing temperatures, scrubber will be provided with internal convection heating. Drain and water line must be freeze protected by installing contractor.

All scrubbers are furnished with two 286 degree F UL Listed sprinkler heads for connection to building sprinkler system. This connection may or may not be required by local authority.

UTILITIES REQUIRED:

One 3/4" 140 degree F hot water line with hose bib at point of connection to scrubber. Scrubber is furnished with a backflow preventer.

One 1-1/2" drain line with "P" trap within 24" of scrubber or at point of discharge in to a floor sink which must be connected to a grease interceptor.

One 120 VAC, 20 AMP circuit

Scrubber weight is approximately 200 lbs. per foot of width.

Overall height is only 45".

Shipping weight: 400 to 2400 lbs.

ENVIRONMENTALLY FRIENDLY:

- Minimal water consumption
- Minimal electrical energy used
- Molitron Degreaser and Odor neutralizer are biodegradable
- The *Enviro-Clean Air Scrubber* does not

generate ozone as does the electrostatic precipitator.



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

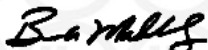
Additional Information:

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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