# NEW REGULATIONS FOR POLLUTION CONTROL UNITS FOR COMMERCIAL COOKING

NEWLY ISSUED UL 8782 AND REQUIRED TESTING

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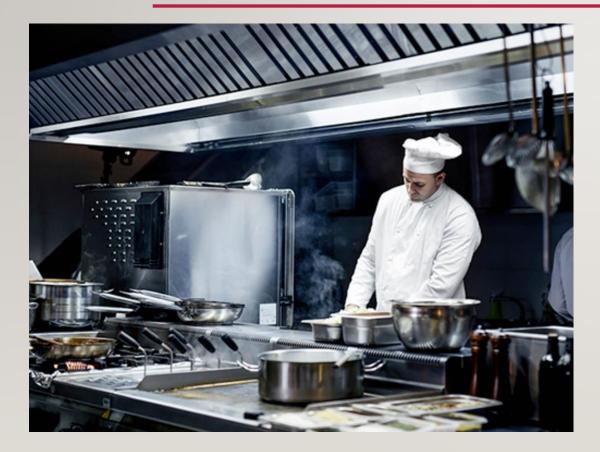
## BACKGROUND

- Until recently, there has been no regulation dedicated specifically to Pollution Control Units for Commercial Cooking.
- Most PCU's have been listed to
  - UL 1978 standard for Grease Duct Construction
  - <u>UL 710</u> Standard Exhaust Hoods for Commercial Cooking Equipment
  - UL 867 Electrostatic Precipitators





## UL 8782 – POLLUTION CONTROL UNITS FOR COMMERCIAL COOKING



A Comfortable Choice

- <u>UL 8782 -</u> new Outline of Investigation published by Underwriters Laboratories
- Certification of "Pollution Control Units for Commercial Cooking."
- First outline designed to be used for pollution control units installed inline in grease ductwork which is serving restaurants.
- Supersedes previous Standards that manufacturers have used (UL 710, 1978, 867)
- Manufacturers' pollution control units should comply with this new outline in April of 2020.

## ITEMS THAT WILL BE REQUIRED FOR TESTING FOR UL 8782

- Verifying that the temperature of electrical components, other components, and the exterior skin temperature are within limits after stabilization with the incoming air at 500 F (260 C).
- Performing a simulated fire by heating the incoming air up to 2,000 F (1093 C) and verifying that the unit does not leak to the outside.
- 3. Verifying that access doors are grease tight.
- 4. Subjecting exterior control panels and components to a rain test to ensure they remain liquid tight.
- 5. Getting reduced clearance to combustibles.





## HALTON CODE COMPLIANCE





A Comfortable Choice

Systems, Inc.

- Halton's *Pollustop* Pollution Control Units are complaint with:
  - UL8782
    - Certification of "Pollution Control Units for Commercial Cooking."
  - NYC Dept of Environmental Protection listing
    - Required if live fuel or char broilers are used (>875 lbs/wk).
  - FDNY COA
    - Certificate of Approval by FDNY

## CONTACT THE EXPERTS

- Learn more about Halton Group's Pollustop PCUs along with their complete commercial kitchen line by going to <u>https://www.halton.com/products/pollution-control-unit-pst-na-en/</u>
- Contact the Technical Air Systems' Sales Engineering Team at 973-285-0333 or by email at solutions@technicalair.com
- Learn more about Technical Air Systems, Inc at <a href="http://www.technicalair.com/">http://www.technicalair.com/</a>
- Subscribe to Kitchen Ventilation: Knowledge by Halton by going to <u>https://kitchenventilation.com/subscribe-to-receive-commercial-kitchen-ventilation-blogs/</u>

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