

# UL 8782: THE DEDICATED REGULATION FOR POLLUTION CONTROL UNITS

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# BACKGROUND

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- 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
  - **UL 710** Standard Exhaust Hoods for Commercial Cooking Equipment
  - **UL 867** Electrostatic Precipitators



# UL 8782 – POLLUTION CONTROL UNITS FOR COMMERCIAL COOKING

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- **UL 8782** - 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 ARE REQUIRED FOR TESTING FOR UL 8782

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1. 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)
2. 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

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- Halton's *Pollustop* Pollution Control Units are compliant 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 <http://www.technicalair.com/halton>
- Contact the Technical Air Systems' Sales Engineering Team at **973-285-0333** or by email at [solutions@technicalair.com](mailto:solutions@technicalair.com)
- Learn more about Technical Air Systems, Inc at <http://www.technicalair.com/>

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