



EXT - EXTENSO

Combined Supply & Exhaust Unit with Heat Recovery

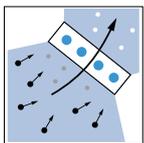


Overview:

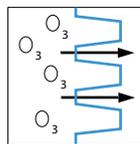
Halton Extenso air purification and heat recovery units are offered as a solution for projects requiring Pollustop pollution control and Aerolys supply air-handling to be provided as a single, compact integrated unit. EXT Extenso combined exhaust units provide all the features and options that are available from the individual Pollustop and Aerolys ranges, but with the added benefit that the single "footprint" of Extenso is half that of the separate units. This can be of particular benefit on those projects where Plant Room, or rooftop, space is at a premium.

Features:

- **Compliant design:** Halton Extenso exhaust units comply with AS1668.2 as proprietary kitchen exhaust hoods designed to proven and tested standards.
- **Safe:** Halton's NFX activated carbon filters are designed to arrest surplus ozone produced by UV-C lamps when the cooking appliances are not running at maximum load.
- **Efficient:** capture ray™ technology neutralises grease along with a drastic reduction in odour emissions, battery maintenance is minimised and its performance is kept at an optimum level, while saving energy due to the integrated heat recovery coil, sustainable over time.
- **Effective:** Halton's electrostatic precipitator removes most of the unwanted moisture from the airstream along with much of the particulate matter. It also extends the lifetime of downstream filters.
- **Low maintenance:** The filter control system has been designed to measure filter pressure loss. It warns users or a remote maintenance operator that the filters need to be replaced. It also relays any installation errors.
- **Healthy:** EXT controls always keep the balance between exhaust and supply to prevent air transfer from areas considered as polluted to clean areas.



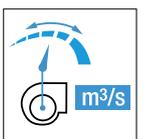
Capture Ray™ technology
Neutralises grease vapours and particles



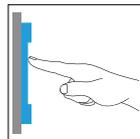
NFX active carbon filter
Controls ozone emissions



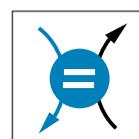
Filter monitoring
Constant control of the filters load



Fan monitoring Control Platform
Fan speed control (constant airflow)



Halton Touch Screen
Unique and intuitive LCD user interface for all systems



Balance Control
Adjusts the supply & Exhaust



Kitchen Exhaust Hood shall comply with the requirements or NCC 2015 and AS1668.2 2012. Constructed from 1.2 mm AISI 304 Satin finish with fully welded exhaust plenum. The hood shall be supplied complete with vertical and horizontal Capture Jet™ technology, high efficiency UL classified multi-cyclone grease filters (KSA) and pressure measurement points, exhaust and supply air adjustment dampers, and flush fluorescent light fittings with installation hatch to provide minimum 500 lux at the cooking surface. The size shall be as indicated in the drawings. The hood will be designed to save energy and capture efficiency will be calculated using convective heat calculations methods. Make-up air will be supplied at low velocity through the front face of the canopy.

Due to continuous product research and development, the information contained herein is subject to change without notice.

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