LFU - LAMINAR FLOW UNITS

Installation on the ceiling in combination with hoods or ventilated ceilings

Overview

Halton laminar flow units are designed for a combination use with hoods or ventilated ceilings in high energy commercial kitchens and show kitchens.

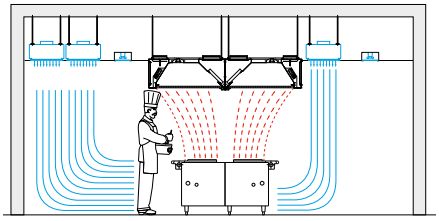
Halton LFU laminar flow units are a well-designed make up air strategy that guarantees the efficiency alongside the final Indoor Air Quality (IAQ) inside the kitchen.

They are designed to break the speed of the fresh air carried by the supply ductwork, distribute it equally inside the units and laminarise the flow.

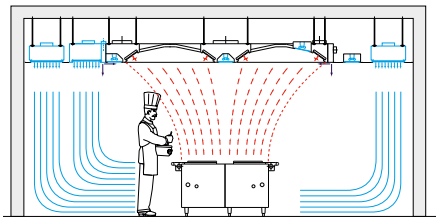
Features

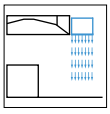
- Compliant design: Halton Laminar Flow units comply with any integration requirements, with possibilities of customisation.
- Efficient: Contributes to exhaust airflow reduction of the hoods and ventilated ceilings.
- Effective: Halton Laminar Flow units contribute directly to productivity improvement by improving indoor air quality and the percieved temperature.
- Healthy: Specific design of the dampers and the association of a honeycomb structure to the perforated front face "laminarise" the air flow, resulting in a continuous flow of fresh air.
- Easy: Halton Laminar flow units are easy to install with a wide range to match any integration units, and standard dimensions to fit false ceilings with a 600x600mm grid. Also designed to facilitate easy cleaning.
- Make-Up air: The unit's makeup air strategy contributes to the Indoor Air Quality (IAQ) in the kitchen.

LFU units combined with hoods:



LFU units combined with a ventilated ceiling:

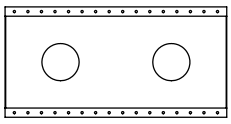


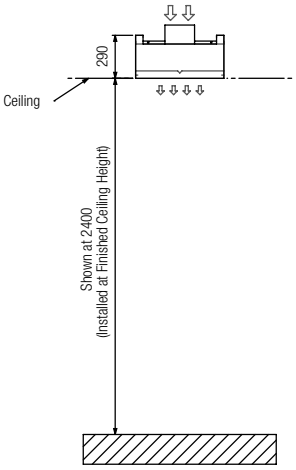


Laminar flow supply
Better smoke capture and comfort

Typical Section & Plan of the standard units with vertical connections (Recommended):

TOP ENTRY





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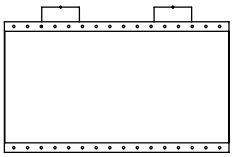
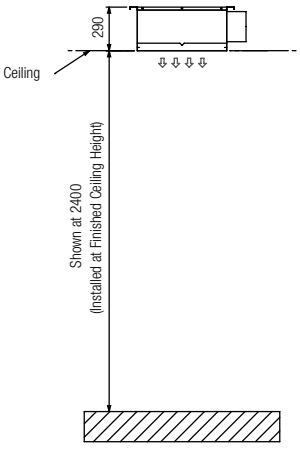
REAR ENTRY





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Due to continuous product research and development, the information contained herein is subject to change.