

Pollufresh

Commercial Air Filtration





Pollufresh

Stoddart's Pollufresh solution is the pinnacle of Air Treatment Technology. Developed for commercial food environments where kitchen exhaust duct systems cannot discharge directly to an outdoor atmosphere.

Stoddart's Pollufresh combines the very high capture efficiency of Halton's KVL Low Side Wall Hood with the controlled air purification system found in Halton's Pollustop and Mobichef systems.

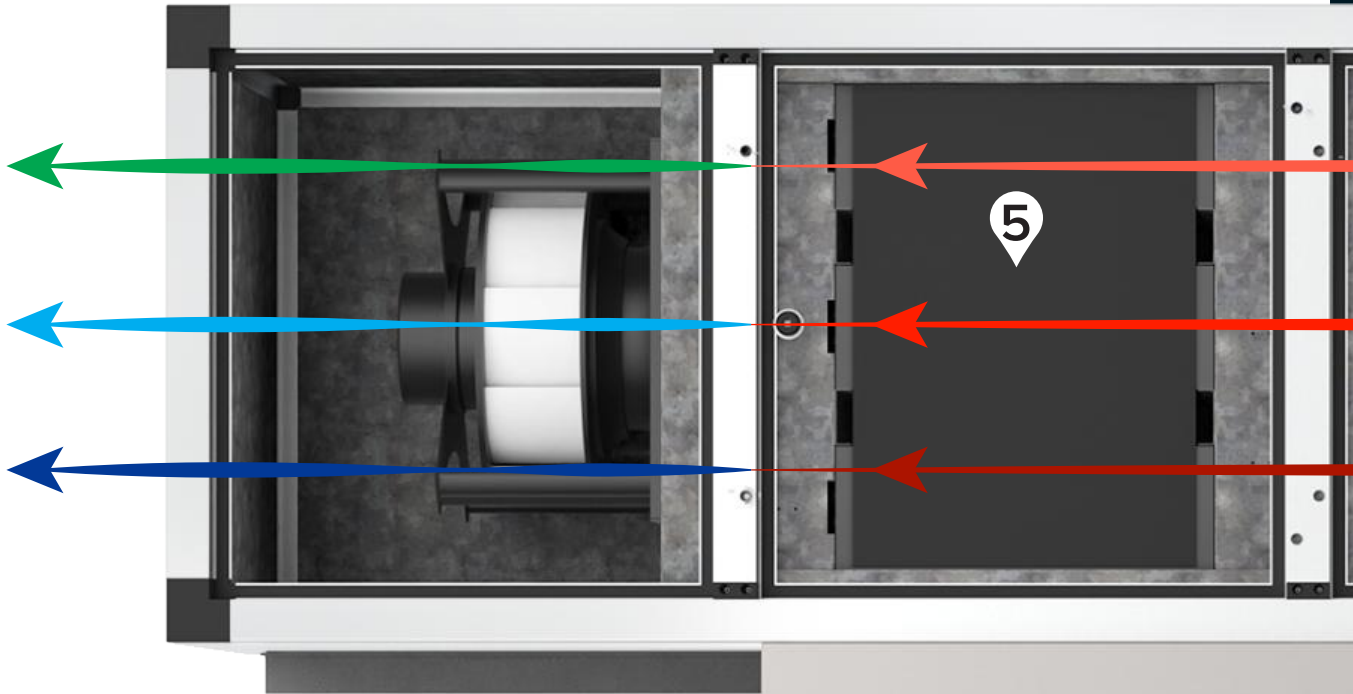
This outcome provides a local exhaust solution (AS1668.2 Clause 3.3) that collects the emissions as it is being produced, as close as practicable to the electric cooking sources.

The removal of contaminants from the kitchen air, by passing it through five stages of progressive filtration and adsorption treatment, allows the air to be combined with general exhaust air handling within the room enclosure.

Stoddart's Pollufresh control system continuously monitors the condition of the filters & fan, regulates the system for optimum ongoing performance and communicates to operation personnel when maintenance is required.



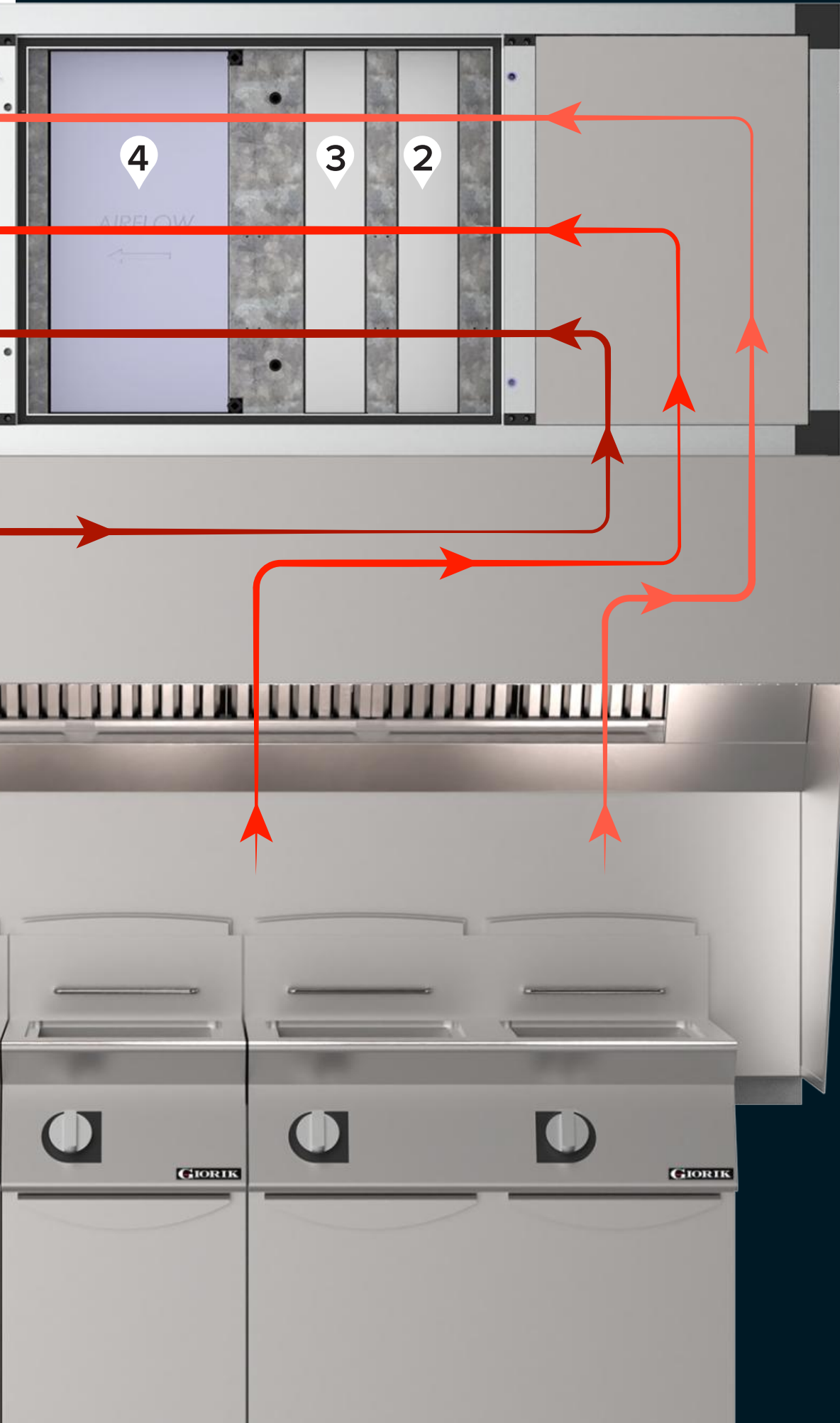




Air Recycling Technology

1. Mechanical primary filtration, comprising Halton's KSA cyclonic filters (95% efficient on 10 µm particles and above). This removes medium sized particles and moisture. Primary filters are washable in a dishwasher.
2. Disposable secondary pleated filters (F5, MERV 8) removes medium sized particles that get past the primary filters.
3. Disposable pleated filter (F7, MERV 13) reduces the concentration of fine particles to optimise the service life of the final HEPA stage.
4. Absolute filters HEPA (efficiency > 95% DOP on 0,3 µm particles). They are used to remove ultra fine particles.
5. Activated carbon and chemical filters remove odours through absorption.







Stoddart Pollufresh
Comercial Air Filtration

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Culinaire®

ASADO®

Halton

CookTek®

SYNERGY®
grill technology

airex®

ANETS

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