



ADVANTAGES

- Provides excellent environmental conditions
- Offers savings in air conditioning costs
- Potential to reduce ductwork requirements
- Reduction in draughts
- Design flexibility
- Incorporates adjustable personal ABS spot coolers

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DESCRIPTION

Suitable for all types of cooking equipment whether wall mounted or in an island arrangement. The canopy uses the principles of induction by delivering air into the canopy envelope from the inner front edge of the canopy. This air can be drawn directly from outside the building and because it is not necessary to heat (or cool) the air there are positive savings to be made in energy costs. The induction effect produced by this type of canopy enhances the capture and containment of the thermal plume from the cooking process and reduces the potential for the contaminated air to spill out into the kitchen area.

CONSTRUCTION

The ENERGY SAVING COMPENSATOR canopy is fabricated entirely in type 304 stainless steel (1.0 – 1.2mm) thick. All visible surfaces are ultra fine grain polished (320 grit) and polythene protected. The canopy is cut, punched and folded into seamless sections up to 3m in length and factory assembled by means of computer controlled seam welds and non visible mechanical fixings. Joints are provided with internal cover-plates so that no joints or mechanical fixings are visible.

All metal edges are rolled smooth and are free from sharp edges and projections. The canopy lower edge is formed into a condensation channel with inclined internal elevation to simplify cleaning and the inner edges are crush folded for safety purposes.

The canopy is equipped with Fecon grease extraction baffle filters. The filters are designed to allow the grease to run off the filters into an integral grease collecting channel and then into easily removable grease trays. The canopy has a constant exhaust pressure drop of 100 Pa and a supply air pressure drop of 40 Pa.

SUPPLY AIR

The un-tempered induction air is ducted from outside the building (by others) to the factory fitted spigot(s) on the top of the canopy where it passes through the insulated supply plenum, over a perforated diffuser plate and is delivered via vertical slots arranged along the internal front edge of the canopy. This airflow typically represents 20 – 50% of the total extract rate (maximum 50%). The supply airflow is also available to be discharged through the ABS spot coolers located on the underside of the front lip of the canopy for the personal comfort of the cooking staff.

INSTALLATION

Hanging brackets are fitted to the top corners of the canopy for easy installation.

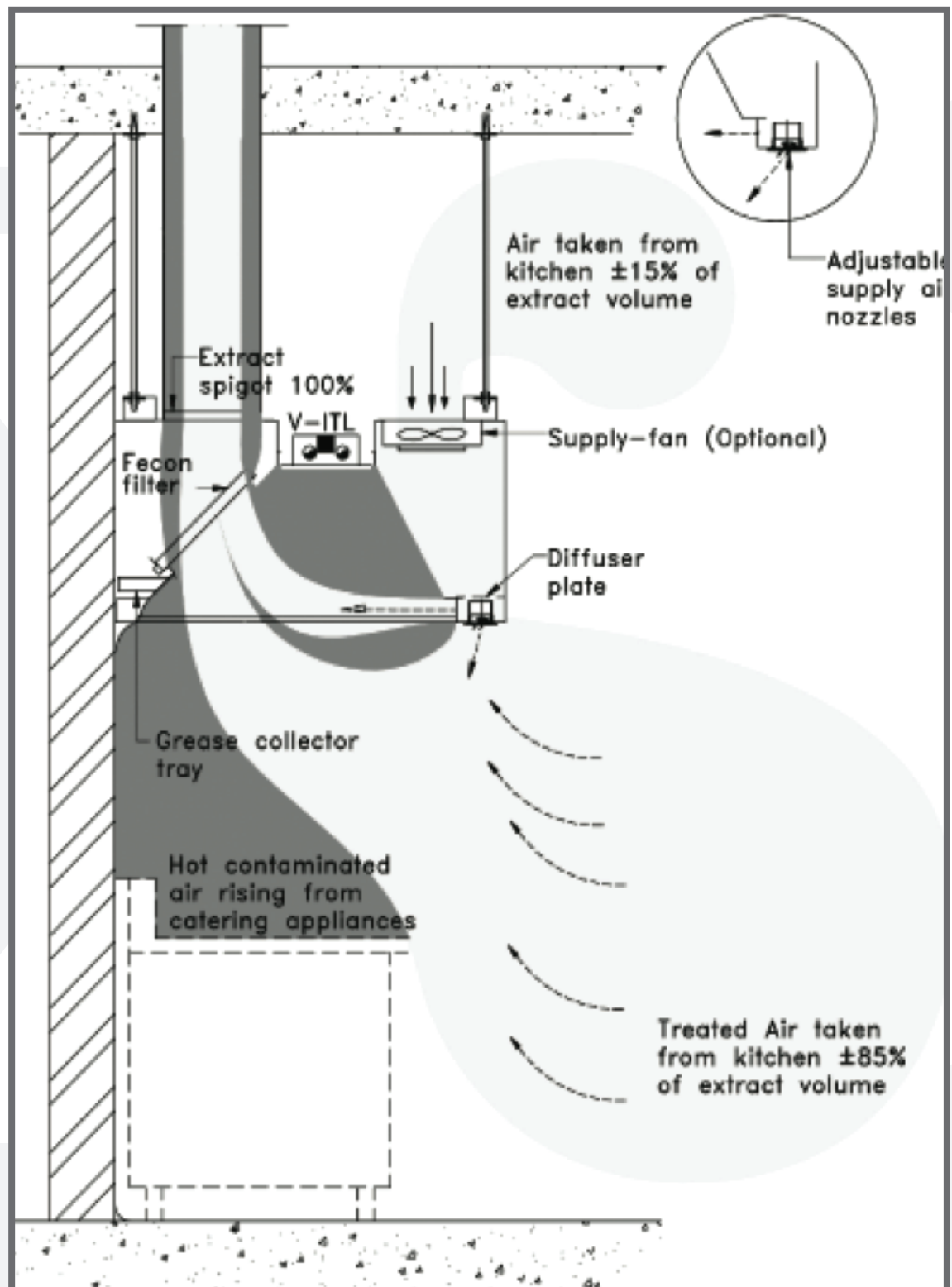
THE SSS COMPENSATOR IS AVAILABLE IN THE FOLLOWING CONFIGURATIONS:

SSS COMPENSATOR A	- 20% - 50%	WALL
SSS COMPENSATOR E	- 20% - 30%	SINGLE ISLAND
SSS COMPENSATOR D	- 20% - 50%	DOUBLE ISLAND

STANDARD DIMENSIONS

WALL CANOPIES	- 20% - 50%	Width 1300mm	Height 600mm
SINGLE SIDED ISLAND CANOPIES	- 20% - 30%	Width 1300mm	Height 600mm
ISLAND CANOPIES	- 20% - 50%	Width 2600mm	Height 600mm

WALL COMPENSATOR TYPE A



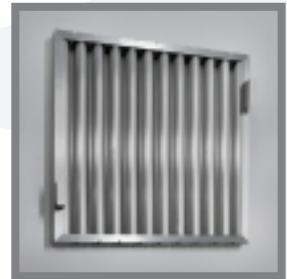
FECON GREASE EXTRACT BAFFLE FILTER

CONSTRUCTION

FECON filters are constructed entirely of type 304 stainless steel (1.0-1.2mm thick), folded and welded with an ultra fine grain polished finish. The 36 mm deep filter is provided with two integral handles for ease of handling. The top and bottom of the filter frame features slots providing a 10% free area which allows moisture and grease to easily drain away. All FECON filters are resistant to aggressive detergents and designed to fit in any commercial dishwasher for cleaning.

Advantages

- Highly efficient grease extract rate
- Constant high level performance
- Constructed entirely in stainless steel
- Solid construction
- Easily removed from the canopy
- Proven and certified fire barrier (DIN 4102 & TNO)
- Designed to fit in any commercial dishwasher for cleaning



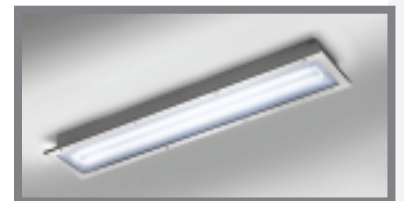
Certificates:

- NSF tested and approved for high levels of hygiene
- TNO certified against penetration of flame through the filter in the event of a kitchen fire (DIN 102)

V-ITL INTEGRATED LIGHT FITTINGS

The canopies are fitted with V-ITL recessed fluorescent light fittings which are specifically designed for the SSS stainless steel canopies. The light fittings comply with the requirements of IP54 and come complete with electrical terminal connection box. The frame is a seamless stainless steel construction and the "CREPI" glass is both heat and shock resistant. The frame is locked into position with captive quick release stainless steel screws and supported by two safety chains

TYPE	EXECUTION	TYPE	EXECUTION
V-ITL 118	1 x 18 W	V-ITL 218	2 x 18 W
V-ITL 136	1 x 36 W	V-ITL 236	2 x 36 W
V-ITL 158	1 x 58 W	V-ITL 258	2 x 58 W



- Standard electrical supply is 220/240V 50Hz
- SSS can offer lights to suit other electrical supply requirements
- In-built emergency lights can also be incorporated in our designs upon request