



SIAC

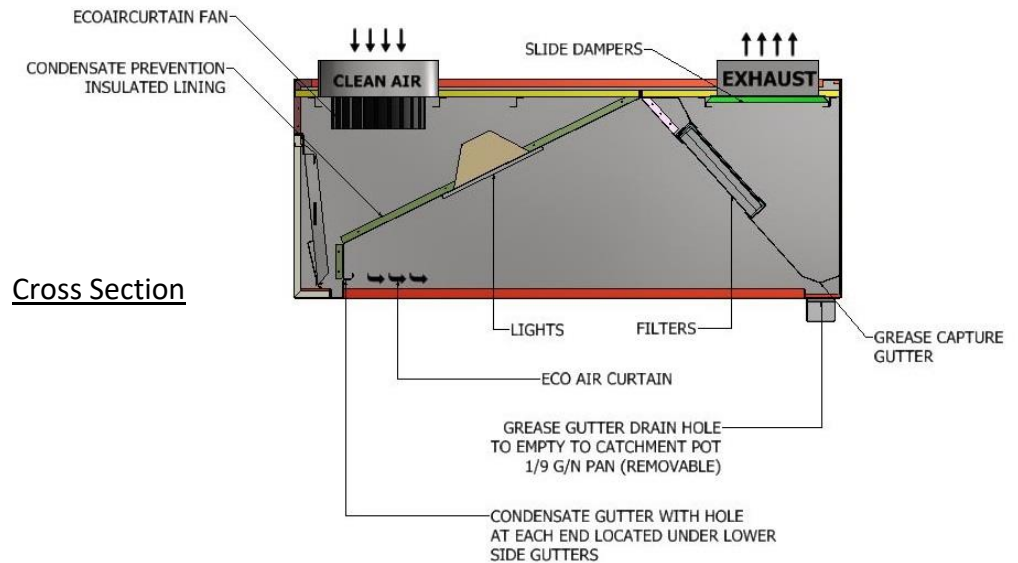
Commercial Kitchen Canopy with ecoaircurtain™ technology

Description

The SIAC features ecoaircurtain™ technology without makeup air. Allowing infinite balancing of the exhaust air (within the plenum), the SIAC canopy features the advantages of the air curtain, resulting in a canopy that is highly efficient at lower exhaust air rates. The aircurtain is generated by a integrated electric fan installed in the plenum. A ceiling void above the fan is required so the fan can draw air into the plenum.

Typical Installation

Island



Quick Data

SIAC	
Dimensions	L = 1200mm to unlimited
	W = 1000 to 1700
	H = 450, 600 and 800. (Custom heights and tapers available on request.)
Section sizes	Up to 4.2m max
Lights	LED 36W batten 3000K/5000K
Spigots	Exhaust: 1 per 1000mm*
	Supply: n/a
	* Denotes specific to each canopy
Filters	UL listed - 1 per 500mm section
ecoshield™ uv technology	n/a



Construction

Made from 1.2mm #304 stainless steel. ecocanopy™ hoods are fully welded, polished, have no visible fixings and minimal moving parts. All ecocanopy™ hoods are independently approved, comply with Australian Standard 1668.2 -2012 and use the latest in European design. All ecocanopy™ hoods have Codemark approval.

Features

ecoaircurtain™

- Fully adjustable air/supply spigots
- Fully adjustable air face/baffle
- Insulated supply air chamber

A proprietary fan is used to provide air to the return air plenum of the canopy. This air creates a horizontal layer of air which gently blows across the canopy to the exhaust filters. The air curtain directs heat, smoke, grease laden air and odour towards the filters thereby increasing the effectiveness of the canopy at lower exhaust airflow rates. The ecoaircurtain™ reduces exhaust air which means smaller fans and smaller ducts maybe used, resulting in lower capital costs. Reduced exhaust air also means lower energy costs and less noise is achieved.

ecoshield™ UV technology

Not applicable for this product. For more information please contact ecocanopy.

Service Loadings

Power	Amps	Unit
LED Lights	10 Amp Supply	36 watt LED Batten
Ecoaircurtain Fans	10 Amp Supply	Interconnected with Ex fan switching