

# Air Sentry

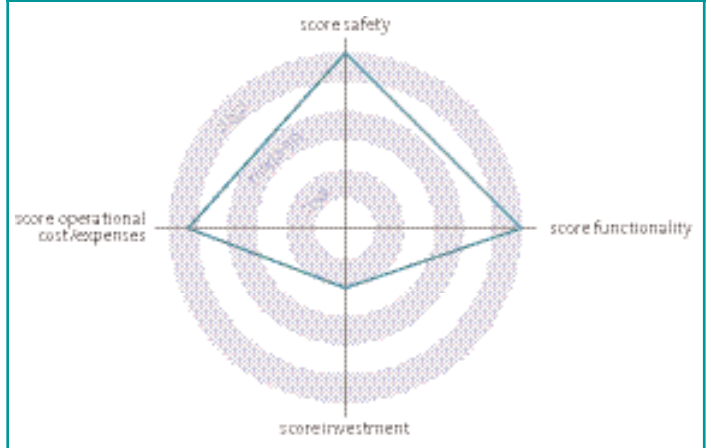
provides maximum protection

# FUME CUPBOARDS



The Air Sentry is a cut above the rest. The airflow is vastly improved by comparison with conventional fume cupboards. This is achieved by developing a permanent dynamic vortex that eliminates unwanted eddies. This ensures a very high degree of containment. An added bonus is the considerably lower use of air, resulting in a better, safer and more economical working environment.

## PERFORMANCE FIGURES IN FOUR DIMENSIONS



# Air Sentry (1200/1500/1800)

TECHNICAL SPECIFICATIONS	
carcass	hard plastic faced multiplex
side and ceiling panels	6 mm white solid core panels
airflow baffles	zinkorplate coat PE-F color RAL 9010
tilted airflow baffles	6 mm toughened glass
worktop	Steinzeug black and white speckled
combination sliding doors	6 mm toughened glass in aluminium frame
linear airflow adjuster	RVS AISI 316 linear damper
safety signal	electronic airflow monitor
fittings	Broen made to measure for the Air Sentry
electrical	Berker Mobil R-IP 44 in black
lighting	TLD 500 lux
duct outlet size	200 mm PP, 250 PVC
option I	under cupboard open
option II	under cupboard with sliding doors and ventilation
option III	infill panel through ceiling
option VI	round drip cup left side is standard, right side, both sides

DIMENSIONS (MM)		AIR SENTRY 1200	AIR SENTRY 1500	AIR SENTRY 1800
outside	wide	1200	1500	1800
inside	wide	984	1284	1584
outside	deep	999	999	999
inside	deep	806	806	806
outside	high	2452	2452	2452
inside	high	1282	1282	1282
number of horizontal sliding doors		3	4	4
inrichtstand, afwerkbladpeil		700	700	700

AIRFLOW ANALYSIS				
Air Sentry	$\bar{v}=0,3$ m/s (normal operating setting 500mm)	$Q_1$ extraction volume	$Q_1$ pressure differential	duct outlet size
	m <sup>3</sup> /h	Pa	mm	
1200	405	60	200	
1500	525	60	200	
1800	640	60	250	

**CERTIFICATION**

The Air Sentry complies with the UK safety standards for air cabinets and is tested and certified in accordance with the British BS 7258 part 1 and 4, the German DIN 12924 part 1, the European prEN 14175 part 3 and the American ASHRAE 110-1995.

For more information visit [www.splusb.co.uk](http://www.splusb.co.uk).