

After Burners

After burners or Thermal Oxidizers are used for the destruction of odours and organic chemicals which occur as a result of other processes. They are connected to the extraction or flue system of an piece of equipment.

Odours are generally destroyed at 450°C operating temperatures, while organic chemical combinations are destroyed at 1100°C for a period of 2 seconds.

Furnace Technologies design and manufacture After Burners to suit almost any application. Examples are shown below.

Detail		
Burner Type	AUZ 40	45 kW max
Flue Size	0.25	m
Surface area exit	0.049087	m ²
Surface area internal	1.68	m ²
Ceramic filter area	120	m ²
Combustion velocity	1.157978	m/s
Exit temperatures	1300	C
Exit flue size	0.3	m
Flue volumes max.	2046.316	M ³ /hr
Min. temperature	300	°C
Max. temperature	1300	°C
Approx. total mass	62	kgs



ROTARY KILN—AFTERBURNER

