

## Lightweight Aluminium Burner Series AT530

### Description

The Aerogen Series AT530 lightweight aluminium burners are specifically engineered for use in the Flame Plasma Treatment of plastic materials with complex shapes.

Designed to complement systems, which require a lightweight burner in order to meet the demands of the mechanical handling equipment.

The AT530 burners operate in conjunction with their complementary combustion control cabinet and Flame Plasma Analyser, allowing for high production rates at consistent levels of treatment.

The system is designed to deliver high output rates, with both a highly stable flame plasma and a highly extended flame plasma height, over the entire turndown range.



### Features:

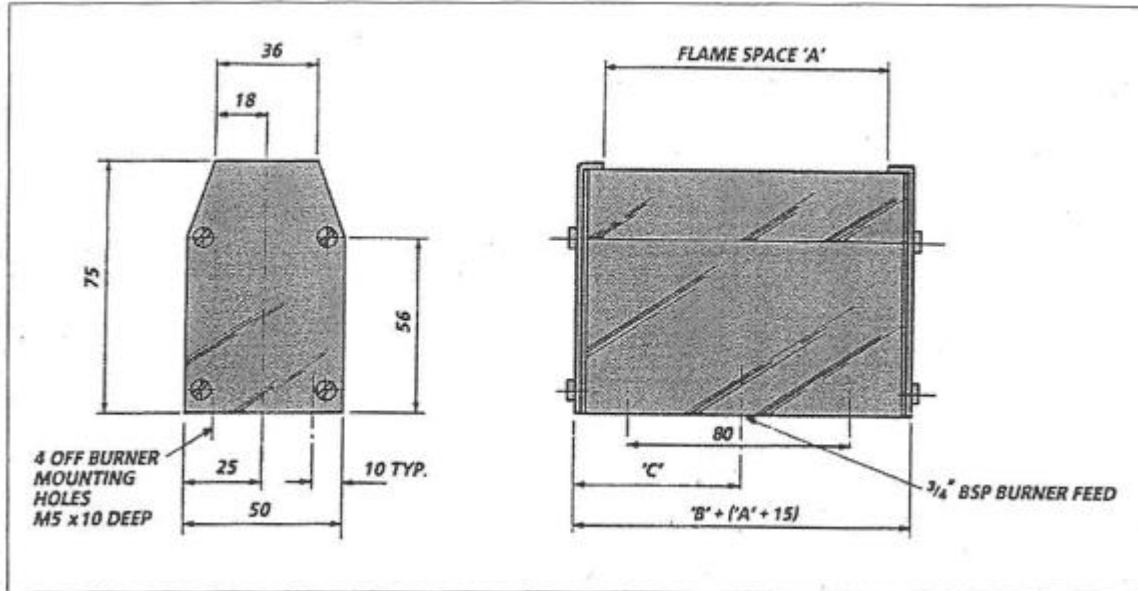
- Unique proprietary design
- Extended flame plasma height 40 –200 mm
- High levels of flame plasma stability with no flame lift
- Regular, uniform flame configuration over the burner width.
- Lightweight body of aluminium construction
- Available in three-slot configuration for contoured surfaces
- Flame space up to 23 inches (300 mm)

### Applications:

- Multi axis & Gantry robotic systems



## Schematic Diagram



## Capacity Selection Tables

Catalogue No.	Output		Flame Space		Dimensions (mm)		Shipping Weight	
	BTU/hr	Kcal.hr	Inches	Mm	'B'	'C'	Lbs	g
BUA530-2	30000	7500	2	51	66	33	1	450
BUA530-4	60000	60000	4	102	117	58.5	1¾	732
BUA530-6	90000	22500	6	152	167	84	2½	1114
BUA530-8	120000	30000	8	203	218	109	3¾	1446
BUA530-10	150000	37500	10	254	269	135	4	1778
BUA530-12	180000	45000	12	305	320	160	4¾	2110