

## Air Burners, Inc. S-SERIES FIREBOX DIMENSIONS

Model	Overall Size <i>L x W x H</i>	Fire Box <i>L x W x H</i>	Weight	Fuel Consumption*	Through-put** <i>tons/hr</i>
S-327	37' 4" x 11' 10" x 9' 7"	27' 2" x 8' 5" x 8' 1"	54,600 lbs	3.5 gal/hr	12
	11.4m x 3.6m x 2.9m	8.3m x 2.6m x 2.46m	24,800 kg	13.3 L/hr	
	9.6m x 3.8m x 2.9m	6.5m x 2.6m x 2.46m	22,000 kg	11.4 L/hr	
S-220	30' 2" x 8' 6" x 8' 6"	19' 8" x 6' 2" x 7' 1"	35,000 lbs	2.5 gal/hr	8
	9.2m x 2.6m x 2.6m	6m x 1.9m x 2.2m	15,900 kg	9.5 L/hr	
	8.2m x 2.6m x 2.6m	5m x 1.9m x 2.2m	14,200 kg	9.5 L/hr	
S-116	23' x 7' 5" x 7' 8"	16' x 5' x 6'	26,100 lbs	2.5 gal/hr	6
	7m x 2.2m x 2.3m	4.9m x 1.5m x 1.8m	11,800 kg	9.5 L/hr	
S-111	19' x 7' 5" x 7' 8"	11' x 5' x 6'	22,500 lbs	2.5 gal/hr	4
	5.8m x 2.2m x 2.3m	3.35m x 1.5m x 1.8m	10,200 kg	9.5 L/hr	

**\*) Diesel Engine Version:**

S-300 Series: Kubota V3600-TE (Tier3).  
 S-200/S-100 Series: Kubota V2403-TE or equivalent Tier3 engines.  
 Diesel fuel consumption rated at average operating RPM.  
 Drive System: PTO & mechanical direct coupling drive.  
 Fuel Tank: Min. 65 Gallons; except S-116/S-111: 60 Gallons.

**\*\*\*) Notes on Through-put:**

Through-put depends on many factors, such as nature and type of wood waste, its moisture content, prescribed opacity limits, operator skills, elevation of location, etc. The figures stated here are guidelines only. If more specific information is required, please, contact the Factory.

**Electric Motor Version**

Motor: 3-Phase, heavy-duty, with enclosed controller; Min. 200V, max. 460V, 50Hz to 60Hz; Drive System: Mechanical direct coupling drive

**Options:**

Ember Screen (retractable top firebox screen); Engine deck security guarding (standard for S-111/S-116); Heat recovery; Off-road mobility option (wheel attachment); Custom firebox designs and private branding also available. Electric power generating option available for S-327 and S-220 (PG FireBox Series).

**NOTE:**

- 1) All weights and dimensions are approximate.
- 2) Dimensional drawings can be provided on request.
- 3) Subject to change without notice.