

Technical Specification of Steam boiler machine is as below:

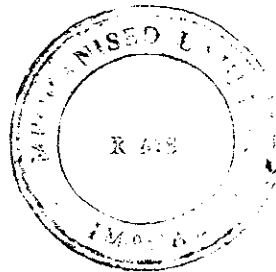
Sl. No.	Details	Unit	RXA-04
1.	Steam output F&A 100 ⁰ C	Kg/h	400
2.	Heat Output	MW	0.251
3.	Steam pressure and temp.	MW	15kg/cm ²
4.	Efficiency on NCV	MW	88+/- 2%
5.	Fuel consumption LDO/HSD	Kg/h	24.0
6.	Burner control	Kg/h	ON/OFF
7.	Boiler heating surface area	m ²	4.5
8.	Economiser heating surface area	m ²	1.4
9.	Total heating surface area	m ²	5.9
10.	Time required to reach full load after cold start	----- 3 to 5 minutes -----	
11.	Electric supply	415(+/- 6%)V, 50 (+/- 3%)Hz, 3 Phase, 4 wire	
	a) Blower motor (3000 rpm)	kw	0.75
	b) Water pump motor (1000 rpm)	kw	0.55
	c) Fuel pump motor (3000 rpm)	kw	0.37
	d) Total connected load LDO/HSD	kw	3.0
12.	Overall dimensions		
	Length	m	1.5
	Width	m	1.3
	Height	m	2.0
13.	Dry weight (approx.)	tons	1.0
14.	Flue gas outlet dia.	mm	200

Note:

1. Fuel consumption should be based on net calorific value (NCV) of fuels.
2. The efficiency should be guaranteed with clean internal and external heat transfer surfaces.
3. 3 years warranty and followed by 5 years CAMC.

1. K. Balendro
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