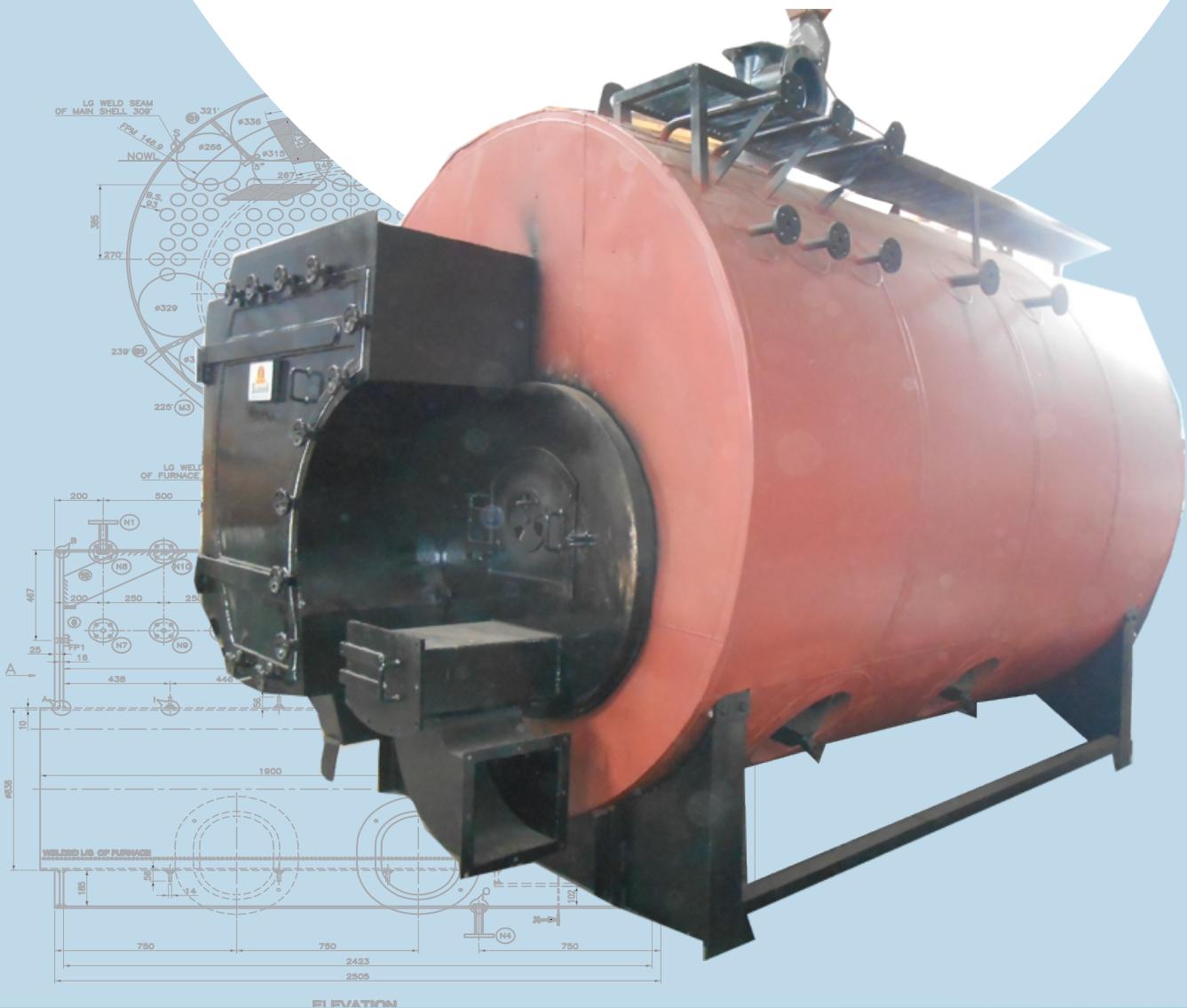


PROCESS HEATING SYSTEM



COCOPOWER

3 Pass, Wet Back, Integral Furnace, Packaged, Coconut Fired Boiler

Capacity Range
1 TPH TO 6 THP

Standard Design Pressure
10.54 & 17.5 kg/cm²

COCOPOWER

This Popular Boiler Has Been Specially Designed to use Crushed Coconut Shells as Fuel. A Packaged Shell Boiler, Cocopower runs This Unique fuel With Unmatched Efficiency.

UNIQUE COMBUSTOR

Designed To Prevent Fuel Falling Below The Grate. Thus, No Burning of fuel Below The Grate Bars

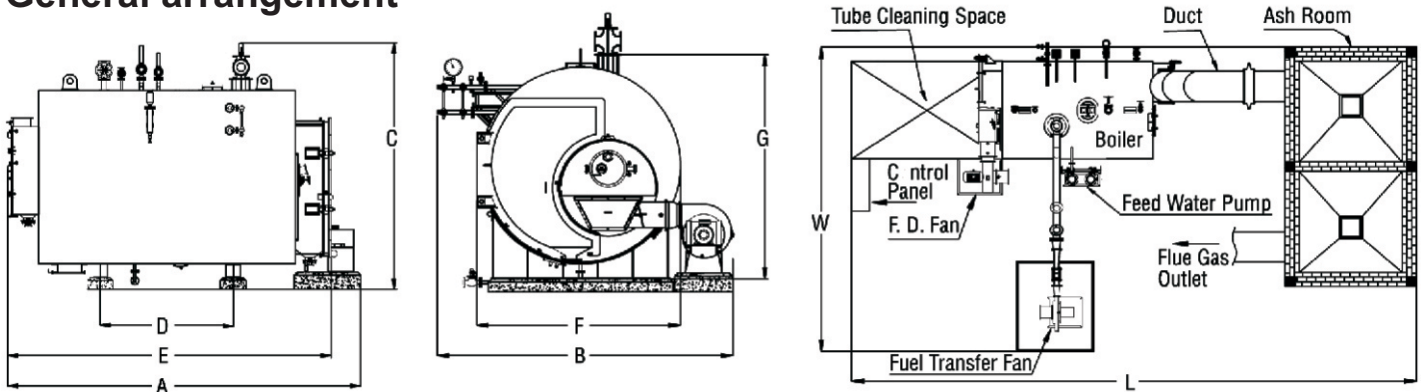


Technical specifications

Description	Unit	COP 10	COP 20	COP 30	COP 40	COP 50	COP 60
Capacity (F & A 100°C)	kg / hr	1000	2000	3000	4000	5000	6000
Design Pressure	kg / cm ²	10.54 / 17.5	10.54 / 17.5	10.54 / 17.5	10.54 / 17.5	10.54 / 17.5	10.54 / 17.5
Efficiency (Coconut)	%	76 (As per BS 845 Part 1 NCV Basis)					
Fuel		Wood Cheap / Coconut Shell / Saw dust					
Fuel Firing System		Manual With Automatic (With independent Fuel Feeding Fan)					
Fuel Consumption	kg / hr	245	490	735	980	1225	1470
Connected Electrical Load							
Standard Unit	kw	8 / 9	10 / 11	15 / 17	17 / 19	21 / 24	33 / 36
With MDC / Cyclone	kw	11 / 12	18 / 19	26 / 29	32 / 35	40 / 44	70 / 74
Dimensions & Weight							
Unit Assembly (A x B x C x D)	m	4.0x3.5x3.0x1.8	4.5x4.2x3.5x1.8	5.3x4.2x3.5x2.0	5.4x8.1x4.0x2.3	6.3x6.9x4.2x2.3	7.2x7.1x4.4x2.9
Transport (E x F x G)	m	3.5x1.8x2.2	4.3x2.1x2.6	4.8x2.4x2.8	5.0x2.9x3.4	5.6x3.1x3.5	6.2x3.3x3.7
Layout (L x W)	m	10x6	12x7	14x7	15x8	16x7	18x7
Chimney Top Diameter	mm	400	500	600	700	850	900
Dry Weight (10.54 / 17.5)	Tonne	8 / 8.5	10 / 11	12 / 15	18 / 22	23 / 27	26 / 30
Flooded Weight (10.54 / 17.5)	Tonne	12 / 13	17 / 18	22 / 25	34 / 38	45 / 49	51 / 55

Note : Design Std-IBR. Efficiency is Calculated Based on NCV of Coconut shell 2900 kcal/kg. above mentioned weight & dimensions may vary with actuals. Please refer to offer document for more details.

General arrangement



BALKRISHNA BOILERS PVT. LTD.

Plot No. 78/8, Phase-I, GIDC, Vatva. Opp. Abad Bread, Ahmedabad-382445. Gujrat (India).

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- Power Generation
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- Steam Accessories

Note : In view our constant endeavors to improve of our products, we reserve the right to alter or change specification without prior notice