

# MAXSTEAM

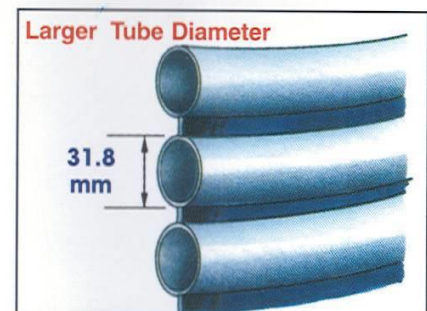
3 PASS REVERSE FLAME FULLY AUTOMATIC OIL FIRED NON IBR STEAM BOILER



**PIONEERS IN PROCESS HEAT**

## SALIENT FEATURES

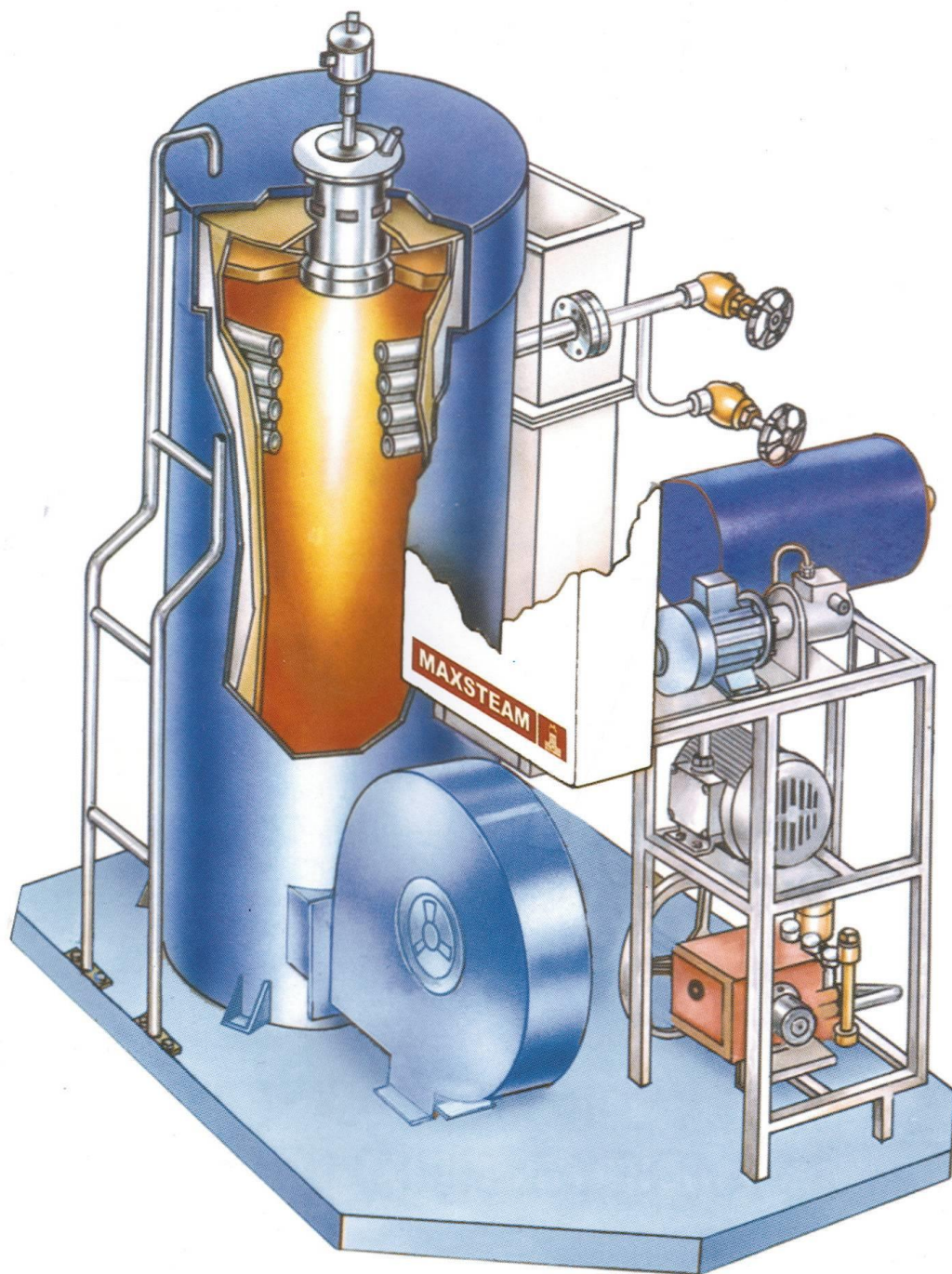
- Non IBR Boiler - MAXSTEAM is Exempted From Indian Boiler Regulations.
- Reverse Flame Technology - Ensures Complete combustion.
- Consistent Thermal efficiency of 88% - Ensures Low Fuel Bills.
- Fully Automatic - Dedicated Boiler Attendant Not Required
- Larger Tube Diameter of Coil - Ensures Longer Coil Life.
- Multifuel Options - Suitable For HSD/LDO/FO/LPG/ Natural Gas
- High Unit Dependability - All Critical Components Are of Reliable Make.
- Easy to Operate - Critical Components are Accessible for easy Maintenance.
- No Separate Boiler House Required - Can be installed closed to process equipments.
- Skid Mounted - Easy to Install.
- No Separate Boiler House Required - Can Be installed Close to Process Equipments.
- Installing Options - (Vertical / Horizontal) for all models.
- Prompt Services & Spares Support. Less Down Time



## BUILT IN SAFETIES AND CONTROLS

- Water Level (Low / No) Alarm.
- Steam Temperature High Alarm.
- Fuel Temperature Low Alarm ( For FO Unit Only).
- Blow Down Valve Open Alarm.
- Flame Sensor.
- Feed Water Pump Electrical Inter Lock.
- Sprint Loaded Safety Relief Valve for High Steam Pressure
- High Steam Pressure Switch - Burner On / Off.

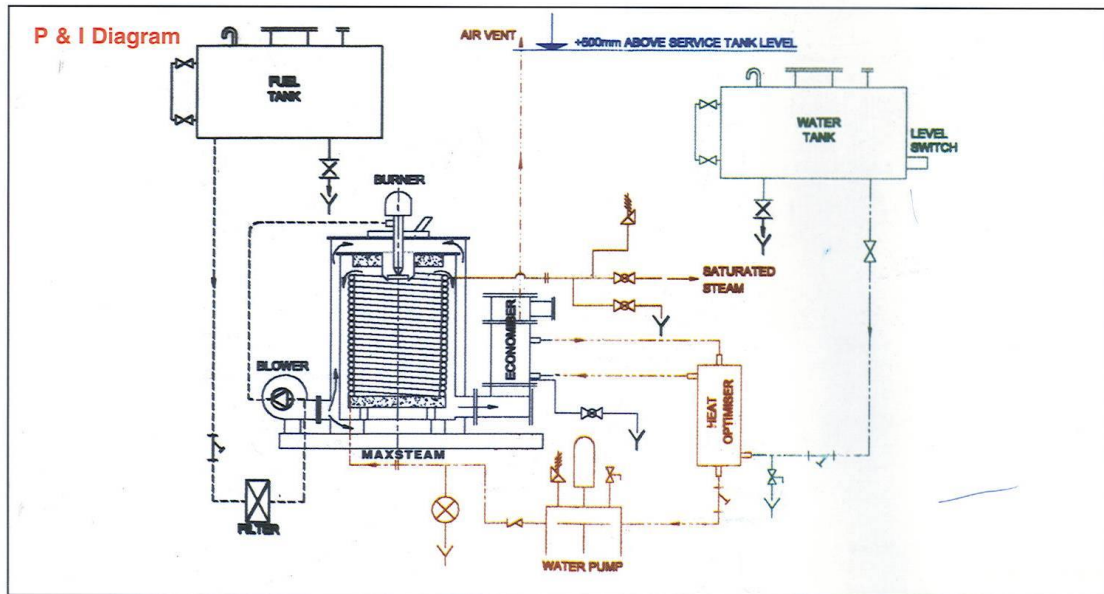




**TECHNICAL SPECIFICATIONS**

Description	Unit	MSM-01	MSM-02	MS-03	MS-04	MS-05	MS-06	MS-075	MS-085
Steam Output (F& A 100Deg C)	Kgs/Hr	100	200	300	400	500	600	750	850
Steam Pressure	Kg/Cm <sup>2</sup>	10.54/15/20/25							
Efficiency (NCV)	%	88							
Fuel Consumption									
HSD/LDO	Kgs/Hr	5.8	11.6	17.4	23.2	29.0	34.8	43.5	49.3
FO	Kgs/Hr	--	---	19.0	25.4	31.8	38.0	47.7	54.0
LPG	Kgs/Hr	5.10	10.2	15.3	20.4	25.5	30.7	38.3	43.4
Burner Control		MONO BLOC				Pressure Jet			
Total Connected Load		ON/OFF				ON/OFF			
HSD/LDO	Kw	1.3	1.3	2.5	2.5	3.0	3.0	3.5	3.5
FO	Kw	---	---	3.5	3.5	6.0	6.0	9.5	9.5
LPG	Kw	1.3	1.3	2.1	2.1	2.6	2.6	3.1	3.1
Overall Dimensions									
Length	m	1.0	1.0	1.3	1.3	1.5	1.5	1.5	1.5
Width	m	1.0	1.0	1.2	1.2	1.3	1.3	1.4	1.4
Height	m	1.2	1.2	1.9	1.9	2.2	2.2	2.5	2.5
Dry Weight (Appx.)	Kgs	700	700	1100	1100	1200	1200	1400	1400

■ Calorific Value on NCV HSD/LDO - 10500 Kcals/Kg, FO - 9650 Kcals/Kg, LPG-12000 Kcals/Kg.



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In view of our constant endeavour to improve the quality of products, we reserve the rights to alter or change specification without prior notice

MS/08/03/1000