



## SPECIFICATION

**NAME : Heavy Oil Steam Boiler**

**FUEL : Heavy Oil**

**MODEL : ZH-500H**



Model			ZH-500H	ZH-500HE	ZH-500HE1	
Performance	Equivalent Output		Kg/h	500		
	Heat Output		Kcal/h	269000		
	Eating Surface Area		m <sup>2</sup>	8.4		
	Max.Pressure		Kgf/cm <sup>2</sup>	10		
	Water Content		L	125		
	Boiler Efficiency		%	85	90	92
	Water Preheater		-	No	Yes	
	Combustion Type			ON-OFF		
	Fuel Consumption		l/h	B35.5	B33.5	B32.8
				C34.2	C32.3	C31.6
	Electrical Powercapacity		Kw	6.85		
	Power Of Auxiliary Equipments		Water Pump Motor	1.5		
			Exhausting Fan Motor	0.75		
Injection Pump Motor			0.4			
Control Panel			0.2			
Electric-Heater			4			
Product Weight		Kg	1020	1170	1170	
Pipe Diameters	Fuel Inlet Dia		mm	15		
	Feed Water Inlet Dia			25		
	Steam Outlet Dia			32		
	Boiling-Water Drain Dia			25		
	Safety Valve Dia			25		
	Auto Blowdown Dia			-		
	Chimney Dia			ψmm	250	
	Power Wire Inlet Dia		mm <sup>2</sup>	5.5		
Size	Boiler Dimensions		Length	1532	1697	1697
			Width	1098	1098	1098
			Heigth	2115	2115	2115

### NOTES:

- 1.ZH- x x xH indicates heavy oil boiler.
- 2.Standard power is 3PH/220V/60HZ.Notice of change if any is required.
- 3.Fuel consumption is calculated at low heat value : B heavy oil 8910 kcal / l C heavy oil 9260 kcal / l .
- 4.Partial modification for improvement is allowed without notice.
- 5.The error allow value of boiler efficiency is ±1%.