

**NAME : Steam Boiler**
**FUEL : Gas**
**MODEL : ZH-500G.**


Model				ZH-500G	ZH-500GE	ZH-500GE1	
Performance	Equivalent Output		Kg/h	500			
	Heat Output		Kcal/h	269000			
	Heating Surface Area		m <sup>2</sup>	7.0			
	Max.Pressure		Kgf/cm <sup>2</sup>	10			
	Water Content		L	95			
	Boiler Efficiency		%	88	92	94	
	Water Preheater		-	No	Yes		
	Combustion Type		-	ON-OFF			
	Fuel Consumption		13A	Nm <sup>3</sup> /h	30.9	29.5	28.9
			Lpg	Propane	Kg/h	26.7	25.5
				Butane		28	26.8
	Electrical Powercapacity		Kw	2.45			
	Power Of Auxiliary Equipments		Water Pump Motor	Kw	1.5		
Exhausting Fan Motor			0.75				
Control Panel			0.2				
Product Weight		Kg	910	1060	1060		
Pipe Diameters	Gas Let Dia		13A	40			
			Lpg	25			
	Feed Water Inlet Dia		mm	25			
	Steam Outlet Dia			32			
	Boiling-Water Drain Dia			25			
	Safety Valve Dia			25			
	Auto Blowdown Dia			-			
	Chimney Dia			ψmm	200		
	Power Wire Inlet Dia			mm <sup>2</sup>	2.0		
Size	Boiler Dimensions		Length	1481	1612	1612	
			Width	1098	1098	1098	
			Height	2115	2115	2115	

**NOTES:**

- ZH- x x x G indicates gas boiler.
- Standard power is 3PH/220V/60HZ. Notice of change if any is required.
- Fuel consumption is calculated at low heat value:13A=9900Kcal/Nm<sup>3</sup>. LPG Propane=11460Kcal/kg. LPG Butane =10900Kcal/kg.
- Gas supply pressure 13A:200mmAq. LPG:280mmAq 1000kg/h-2000kg/h model supply pressure 0.8-3.5kgf/cm<sup>2</sup>.
- Partial modification for improvement is allowed without notice.
- The error allow value of boiler efficiency is ±1%.