

**NAME :** Steam Boiler

**FUEL :** Gas

**MODEL :** ZH-300G.


Model			ZH-300G	ZH-300GE		
Performance	Equivalent Output		Kg/h	300		
	Heat Output		Kcal/h	162000		
	Heating Surface Area		m <sup>2</sup>	5.2		
	Max.Pressure		Kgf/cm <sup>2</sup>	10		
	Water Content		L	75		
	Boiler Efficiency		%	88	92	
	Water Preheater		-	No	Yes	
	Combustion Type		-	ON-OFF		
	Fuel Consumption	13A		Nm <sup>3</sup> /h	18.6	17.8
		Lpg	Propane	Kg/h	16.1	15.4
			Butane		16.9	16.2
	Electrical Powercapacity		Kw	1.35		
	Power Of Auxiliary Equipments	Water Pump Motor		Kw	0.75	
Exhausting Fan Motor		0.4				
Control Panel		0.2				
Product Weight		Kg	620	720		
Pipe Diameters	Gas Let Dia	13A	mm	25		
		Lpg		20		
	Feed Water Inlet Dia			20		
	Steam Outlet Dia			25		
	Boiling-Water Drain Dia			25		
	Safety Valve Dia			25		
	Auto Blowdown Dia			-		
	Chimney Dia			ψmm	150	
Power Wire Inlet Dia		mm <sup>2</sup>	2.0			
Size	Boiler Dimensions	Length	mm	1279	1477	
		Width		915	915	
		Height		1804	1804	

**NOTES:**

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