

**NAME : Steam Boiler**
**FUEL : Gas**
**MODEL : ZH-1500GE**


Model				ZH-1500G	ZH-1500GE	ZH-1500GE1	ZH-1500GE2	
Performance	Equivalent Output		Kg/h	1500				
	Heat Output		Kcal/h	808000				
	Heating Surface Area		m <sup>2</sup>	9.9				
	Max.Pressure		Kgf/cm <sup>2</sup>	10				
	Water Content		L	176				
	Boiler Efficiency		%	90	92	94	96	
	Water Preheater		-	Yes				
	Combustion Type		-	TWO-STAGE				
	Fuel Consumption		13A	Nm <sup>3</sup> /h	90.7	88.7	86.8	85
			Lpg	Propane	Kg/h	78.3	76.6	75
				Butane	Kg/h	82.4	80.6	78.9
	Electrical Powercapacity		Kw	7.9				
	Power Of Auxiliary Equipments		Water Pump Motor	Kw	2.2			
			Exhausting Fan Motor		5.5			
Control Panel			0.2					
Product Weight		Kg	1800	1930	1810	1900		
Pipe Diameters	Gas Let Dia		13A	50				
			Lpg	40				
	Feed Water Inlet Dia		mm	25				
	Steam Outlet Dia			50				
	Boiling-Water Drain Dia			25				
	Safety Valve Dia			25&25				
	Auto Blowdown Dia			10				
	Chimney Dia			ψmm	360			
Power Wire Inlet Dia		mm <sup>2</sup>		8.0				
Size	Boiler Dimensions		Length	1972	1972	1860	1845	
			Width	1915	1915	1915	1915	
			Height	2330	2330	2330	2330	

**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%.