

NAME : Steam Boiler
FUEL : Gas
MODEL : ZH-3000GE


Model			ZH-3000G			
Performance	Equivalent Output		Kg/h	3000		
	Heat Output		Kcal/h	1620000		
	Heating Surface Area		m ²	15.2		
	Max. Pressure		Kgf/cm ²	10		
	Water Content		L	235		
	Boiler Efficiency		%	92		
	Water Preheater		-	Yes		
	Air Preheater		-	Yes		
	Combustion Method		-	TWO-STAGE		
	Fuel Consumption		Diesel		ε/h	--
			Heavy oil		ε/h	--
			13A		Nm ³ /h	177.9
			LPG	Propane	Kg/h	153.7
	Butane	161.5				
Power Of Auxiliary Equipments		Water Pump Motor		Kw	5.5	
		Exhausting Fan Motor			11	
		Injection Pump Motor			--	
		Control Panel			0.6	
		Electric-Heater			--	
Product Weight		Kg	2870			
Pipe Diameters	Fuel Inlet Dia		mm	50		
	Feed Water Inlet Dia			40		
	Steam Outlet Dia			80		
	Boiling-Water Drain Dia			25		
	Safety Valve Outlet Dia			32 & 32		
	Auto Blowdown Dia			10		
	Chimney Dia			ψmm	400	
	Power Wire Inlet Dia		mm ²	22		
Size	Boiler Dimensions		Length	2070		
			Width	1940		
			Height	2530		

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/Nm³. 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/cm².
- Partial modification for improvement is allowed without notice.
- The error allow value of boiler efficiency is ±1%.