

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item				Model	MD-3000GE	MD-3000GF
Performance	Equivalent output			Kg/h	3000	
	Heat output			Kcal/h	1620000	
	Heating surface area			m²	15.2	15.2
	Max. pressure			Kgf/cm²	10	
	Water content			L	235	
	Boiler efficiency			%	92	96
	Water preheater			-	HAVE	
	Combustion type			-	TWO-STAGE	
	Fuel consumption	13A		Nm³/h	177.9	170.5
		LPG	Propane	Kg/h	153.7	147.3
			Butane		161.5	154.8
	Electrical power capacity			Kw	-	21.1
	Power of auxiliary equipments	Water pump motor		Kw	5.5	
		Exhausting fan motor			15	
Control panel		0.6				
Product weight			Kg	2870	3400	
Pipe diameters	Fuel inlet dia	13A		mm	50	
		LPG			50	
	Feed water inlet dia		40			
	Steam outlet dia		80			
	Boiler-water drain dia		25			
	Safety valve dia		32&40			
	Auto discharge dia		10			
	Chimney dia		Ømm	400		
	Power wire inlet dia			mm²	22	
Size	Boiler Dimensions	Length		mm	2070	2070
		Width			1940	1940
		Height			2530	2702

NOTE :

- MD-***G indicates gas boiler.
- Standard power is 3HP/220V/60HZ. Notice of change, if any, is required.
- Fuel consumption is calculated at low heat valve : 13A = 9900kcal/Nm³. LPG Propane = 11460kcal/kg. LPG Butane = 10900kcal/kg.
- Gas supply pressure 13A : 200mmAq. LPG : 280mmAq, 1000kg/h ~ 2000kg/h model supply Gas supply pressure 0.8 ~ 3.5kgf/cm².
- Installation of pressure reducing device, gas entrance to the boiler to reduce 400 ~ 700mmAq
- ⚙ Stable low pressure gas supply, no rapid depressurization sufficient fl
- Partial modification for improvement is allowed without notice.
- Boiler efficiency tolerance value ±1%

