

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item				Model	MD-1000GE	MD-1000GF
Performance	Equivalent output			Kg/h	1000	
	Heat output			Kcal/h	539000	
	Heating surface area			m ²	9.9	
	Max. pressure			Kgf/cm ²	10	
	Water content			L	176	
	Boiler efficiency			%	92	96
	Water preheater			-	HAVE	
	Combustion type			-	ON-OFF	
	Fuel consumption	13A		Nm ³ /h	59.2	56.7
		LPG	Propane	Kg/h	51.1	49
			Butane		53.7	51.5
	Electrical power capacity			Kw	3.9	
	Power of auxiliary equipments	Water pump motor		Kw	1.5	
		Exhausting fan motor			2.2	
Control panel		0.2				
Product weight			Kg	1640	1690	
Pipe diameters	Fuel inlet dia	13A		mm	40	
		LPG			40	
	Feed water inlet dia		25			
	Steam outlet dia		50			
	Boiler-water drain dia		25			
	Safety valve dia		32			
	Auto discharge dia		10			
	Chimney dia		Ømm		330	
	Power wire inlet dia			mm ²	5.5	
Size	Boiler Dimensions	Length		mm	1730	1890
		Width			1456	1456
		Height			2310	2310

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 flow
- Partial modification for improvement is allowed without notice.
- Boiler efficiency tolerance value ±1%

