

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item				Model	MD-100G
Performance	Equivalent output			Kg/h	100
	Heat output			Kcal/h	53900
	Heating surface area			m ²	2.8
	Max. pressure			Kgf/cm ²	10
	Water content			L	33
	Boiler efficiency			%	88
	Water preheater			-	NONE
	Combustion type			-	ON-OFF
	Fuel consumption	13A		Nm ³ /h	6.2
		LPG	Propane	Kg/h	5.3
			Butane		5.6
	Electrical power capacity			Kw	1
	Power of auxiliary equipments	Water pump motor		Kw	0.4
		Exhausting fan motor			0.4
		Control panel			0.2
Product weight			Kg	366	
Pipe diameters	Fuel inlet dia	13A	mm	20	
		LPG		15	
	Feed water inlet dia			15	
	Steam outlet dia			20	
	Boiler-water drain dia			25	
	Safety valve dia			20	
	Auto discharge dia			-	
	Chimney dia		Ømm	150	
	Power wire inlet dia		mm ²	2	
Size	Boiler Dimensions	Length	mm	1020	
		Width		711	
		Height		1550	

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%

