

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item				Model	MD-500G	MD-500GE
Performance	Equivalent output			Kg/h	500	
	Heat output			Kcal/h	269000	
	Heating surface area			m²	6.8	
	Max. pressure			Kgf/cm²	10	
	Water content			L	95	
	Boiler efficiency			%	88	93
	Water preheater			-	NONE	HAVE
	Combustion type			-		
	Fuel consumption	13A		Nm³/h	30.9	29.2
		LPG	Propane	Kg/h	26.7	25.2
			Butane		28	26.5
	Electrical power capacity			Kw	2.45	
	Power of auxiliary equipments	Water pump motor		Kw	1.5	
		Exhausting fan motor			0.75	
		Control panel			0.2	
Product weight			Kg	910	1060	
Pipe diameters	Fuel inlet dia	13A		mm	40	
		LPG			25	
	Feed water inlet dia		25			
	Steam outlet dia		32			
	Boiler-water drain dia		25			
	Safety valve dia		25			
	Auto discharge dia		-			
	Chimney dia		Ømm	200		
	Power wire inlet dia		mm²	2		
Size	Boiler Dimensions	Length		mm	1481	1612
		Width			1098	1098
		Height			2115	2115

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%

