

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item			Model	MD-500K	MD-500KE	
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	92	
	Water preheater		-	NONE	HAVE	
	Combustion type		-	ON-OFF		
	Fuel consumption		L/h	36.4	34.8	
	Electrical power capacity		Kw	2.85		
	Power of auxiliary equipments	Water pump motor		Kw	1.5	
		Exhausting fan motor			0.75	
		Injection pump motor			0.4	
		Control panel			0.2	
	Product weight		Kg	920	1070	
Pipe diameters	Fuel inlet dia		mm	15		
	Feed water inlet dia			25		
	Steam outlet dia			32		
	Boiler-water drain dia			25		
	Safety valve outlet dia			25		
	Auto discharge dia			-		
	Chimney dia		Ømm	200		
	Power wire inlet dia		mm²	2.0		
Size	Boiler Dimensions	Length	mm	1481	1612	
		Width		1098	1098	
		Height		2115	2115	

NOTE :

- MD-***K indicates Diesel boiler.
- Standard power is 3HP/220V/60HZ. Notice of change, if any, is required.
- Fuel consumption is calculated at low heat valve : Diesel 8400 kcal / l.
- Partial modification for improvement is allowed without notice.
- Boiler efficiency tolerance value ±1%

