

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item			Model	MD-500H	MD-500HE	
Performance	Equivalent output		Kg/h	500		
	Heat output		Kcal/h	269000		
	Heating surface area		m ²	7.8		
	Max. pressure		Kgf/cm ²	10		
	Water content		L	125		
	Boiler efficiency		%	85	92	
	Water preheater		-	NONE	HAVE	
	Combustion type		-	ON-OFF		
	Fuel consumption		L/h	B35.5	B32.8	
				C34.2	C31.6	
	Electrical power capacity		Kw	6.85		
	Power of auxiliary equipments	Water pump motor		Kw	1.5	
		Exhausting fan motor			0.75	
		Injection pump motor			0.4	
Control panel		0.2				
Electric-Heater		4				
Product weight		Kg	1020	1170		
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	250		
	Power wire inlet dia		mm ²	5.5		
Size	Boiler Dimensions	Length	mm	1532	1697	
		Width		1098	1098	
		Height		2115	2115	

NOTE :

- MD-***H indicates Heavy oil boiler.
- Standard power is 3HP/220V/60HZ. Notice of change, if any, is required.
- Fuel consumption is calculated at low heat valve : B heavy oil = 8910 kcal / l , C heavy oil = 9260 kcal / l.
- Partial modification for improvement is allowed without notice.
- Boiler efficiency tolerance value ±1%

