

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item			Model	MD-300H		MD-300HE		
Performance	Equivalent output		Kg/h	300				
	Heat output		Kcal/h	162000				
	Heating surface area		m²	5.4				
	Max. pressure		Kgf/cm²	10				
	Water content		L	88				
	Boiler efficiency		%	85		92		
	Water preheater		-	NONE		HAVE		
	Combustion type		-	ON-OFF				
	Fuel consumption		L/h	B21.4		B19.8		
				C20.6		C19.0		
	Electrical power capacity		Kw	5.75				
	Power of auxiliary equipments	Water pump motor		Kw	0.75			
		Exhausting fan motor			0.4			
		Injection pump motor			0.4			
Control panel		0.2						
Electric-Heater		4						
Product weight		Kg	720		820			
Pipe diameters	Fuel inlet dia		mm	15				
	Feed water inlet dia			20				
	Steam outlet dia			25				
	Boiler-water drain dia			25				
	Safety valve outlet dia			20				
	Auto discharge dia			-				
	Chimney dia		Ømm	200				
	Power wire inlet dia		mm²	5.5				
Size	Boiler Dimensions	Length	mm	1360		1558		
		Width		915		915		
		Height		1760		1760		

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%

