

## FIN TUBE ONCE THROUGH BOILER

Model : DLS-1000EX  
 Type : GAS LPG, LNG  
 Summary : Equipped with high-performance burners.  
 Minimized noise from blowers and combustors.  
 Beautiful look best-fitted to any installation place.



### >> SPECIFICATIONS

Item		Unit	DLS-1000EX		
Rated Evaporation		Kg/h	1,000		
Max.Allowable Working press		Mpa	1{10kgf/cm <sup>2</sup> }		
Total heating value		MW	0.62		
		kcal/h	539,000		
Boiler	Heating Surface		m <sup>2</sup>	9.82	
	Efficiency (Low heating value)		%	98 and over	
	Contained water		L	160	
	Weight		Kg/h	2,160	
	Power Source		V	220V / 380V x 3Ø	
	Total Power Consumption		kW	5.9	
	Blower Motor Capacity		kW	3.7	
	Feed Water Pump Capacity		kW	2.2	
	Boiler Dimension		Width (W)	mm	990
Length (L)			mm	2,720	
Height (H)			mm	2,650	
Burner	Burner Type		-	Forced Draft, First Mixing Blast	
	Combustion Control System		-	High - Low - off (3 Position Control)	
	Ignition		-	High Voltage Electric Spark	
	Fuel Consumption	N.G. 13A		Nm <sup>3</sup> /h	55.24
		L.P.G. (Propane)		kg/h	49.82
L.P.G. (Butane)		kg/h	48.62		
Connection	Gas inlet		A	50	
	Steam Outlet		A	50	
	Feed Water inlet		A	20 (Pump In 25)	
	Drain		A	40	
	Safety Valve		A	25	
	Flue		Ømm	300	
	Stack		Ømm	400	

#### Note :

- The gas supply pressure is based on the medium pressure 2000~4000mmaq
- The low heating value of LNG based on 10,430 kcal/Nm<sup>3</sup>
- The Propane of LPG based on 11,311 kcal/kg. The Butane of LPG based on 11,040 kcal/kg.
- The gas consumption is based on 100°C of feed-water
- Specifications and data as above are subject to change without prior notice, due to performance improvement.
- Boiler efficiency and gas consumption would be changed by field condition.