

**SPECIFICATION**
**NAME : Down Burn Type Hot water Boiler - Diesel**
**FUEL : Diesel**
**MODEL : KW-140**


Type		KW-140	
Heat output		Kcal/h	140000
Water flow rate(50°Cvertical lift)		ℓ/h	2800
Boiler body	Type	--	Vertical chimney
	Water content	ℓ	332
	Heat surface area	m <sup>2</sup>	4.6
	Turbulent plate	--	SUS304 Cross type
	Max working pressure	kg/cm <sup>2</sup>	5
	Proformance	kg/cm <sup>2</sup>	92%
Burner	Combustion method	--	Automatic burner (force draft fan)
	Type	--	Z3
	Fuel consumption	Nm <sup>3</sup> /h	18.1
	Power source	--	1ψ220V
	Ignition system	--	High electric spark
	Motor output	KW	0.4
Control	Combustion control	--	Automatic control
	Temperature control	--	Water temperature control
	Safety devices	--	Flame detection, temperature controler, pressure switch and safety combustion protection
Connection	Feed water pipe	mm	50
	Feedback water pipe	mm	50
	Cold water pipe	mm	50
	Blowdown pipe	mm	50
	Fuel pipe	mm	20
Chimney diameter (outside)		mm	200
Net weight		Kg	415
Running weight		Kg	747

**NOTES :**

1. Fuel consumption is calculated at low heat level : Diesel 8400 Kcal/l.
2. Products may be changed for improvement without notice.