

STEAM BOILER
DUAL FUEL TYPE

雙燃料蒸汽鍋爐



前瞻
Advanced

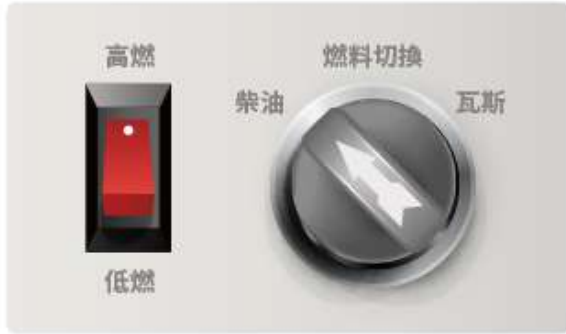
創新
Innovation

人性化
Users Friendly

1. 雙燃料機種設計可隨時變換燃料，輕鬆省成本。

The dual-fuel model design allows fuel change at any time, which makes fuel cost saving no effort.

操作控制器 Operation Controller



燃料切換 (瓦斯<->柴油)，旋鈕操控輕鬆轉換。

The fuel switch (gas <-> diesel) is easy to operate by knob control.



機動性高

High flexibility

隨時切換驅動燃料，具有較高的機動性，同時能有效解決地區資源短缺的問題。

The driving fuel can be switched at any time, which gives the boiler flexibility to solve the regional resource shortage problem efficiently.

運轉安全

Operational safety

自動控制系統因應各種故障問題，自動偵測且及時停止運作。

The automatic control system will automatically detect all kinds of malfunction problems and stop the operation imminently.

2. 爐體構造吸熱效果佳，燃燒效率達94%以上。

Boiler structure with excellent heat-absorption provides combustion efficiency up to 94%.

3. 多樣化、獨特性的安全控制功能保護措施，保障鍋爐安全性且提升使用壽命。

The comprehensive and unique safety protection measures can not only protect the boiler's safety in use but also increase its service life.

獨特水管溫度偵測設計 The Unique Design of Water Pipe Temperature Detection

可偵測水管溫度，檢測鍋爐是否有產生水垢，偵測到溫度上升至設定溫度時，鍋爐會自動停止運轉，提高鍋爐使用壽命。

To detect the water pipe temperature, whether detect the boiler produce scale, when the detected temperature rise to the set temperature, the boiler will automatically stop the operation, to improve the boiler service life.

全新自動排放裝置 New Auto-Blowdown System

可偵測爐水濃縮電導度，當電導度達到排放標準時，鍋爐會自動將爐水排出，可穩定控制爐水的品質，避免爐體鹼性腐蝕，提高蒸汽品質。

To detect the conductivity of the boiler water concentration, it will be blowdown the water automatically when the conductivity of the boiler water reaches the preset value.

The boiler water is controlled steadily, not only to prevent the body of the boiler caustic embrittlement, but also to improve the quality of the steam.



安全有保障

Safety is guaranteed.

鍋爐效率性能&標準規格 BOILER PERFORMANCE & STANDARD SPECIFICATIONS

項目 Item		型式 Model	KG-1000	KG-1500	KG-2000	KG-2500	KG-3000		
性能 Performance	換算蒸發量 Equivalent Output	kg/h	1000	1500	2000	2500	3000		
	發生熱量 Heat Output	kcal/h	539000	808000	1080000	1347000	1620000		
	傳熱面積 Heating Surface	m ²	9.9	9.9	9.9	15.4	20.6		
	最高壓力 Max. Pressure	kgf/cm ²	10	10	10	10	10		
	保有水量 Water Content	L	176	176	163	206	235		
	鍋爐效率 Boiler Efficiency	%	92	92	92	92	92		
	給水預熱器 Water Preheater	-	有	有	有	有	有		
	燃燒方式 Combustion Type	-	TWO-STAGE						
	燃料消耗量 Fuel Consumption	NG	13A	Nm ³ /h	59.2	88.7	118.6	147.9	177.9
		LPG		kg/h	51.1	76.6	102.4	127.8	153.7
		柴油 Diesel		l/h	69.7	104.6	139.8	174.3	209.6
	設備電力 Power of Equipments		kw	4.3	8.5	12	15.7	21.9	
	輔機電力 Power of Auxiliary Equipments	給水泵馬達 Water Pump Motor		kw	1.5	2.2	3.7	3.7	5.5
		送風機馬達 Exhausting Fan Motor		kw	2.2	5.5	7.5	11	15
噴燃泵馬達 Injection Pump Motor			kw	0.4	0.4	0.4	0.4	0.75	
控制盤 Control Panel			kw	0.2	0.4	0.4	0.6	0.6	
製品重量 Product Weight		kg	1620	1800	2040	2560	2870		
管徑 Pipe Diameters	燃料入口管徑 Fuel Inlet Diameter	13A	mm	40	50	50	50	50	
		LPG	mm	40	40	40	50	50	
		柴油 Diesel	mm	25	25	25	25	25	
	給水入口管徑 Feed Water Inlet Diameter		mm	25	25	40	40	40	
	蒸汽出口管徑 Steam Outlet Diameter		mm	50	50	65	65	80	
	爐水排放管徑 Boiler Water Drain Diameter		mm	25	25	25	25	25	
	安全閥出口管徑 Safety Valve Outlet Diameter		mm	32	40	40	40&25	40&32	
	自動排放管徑 Auto Blowdown Diameter		mm	10	10	10	10	10	
煙囪外徑 Chimney Diameter		ømm	330	360	360	400	400		
引入電源線徑 Power Wire Inlet Diameter		mm ²	5.5	8	14	14	22		
尺寸 Size	長 Length		mm	1730	1970	1970	2070	2070	
	寬 Width		mm	1480	1915	1910	1940	1940	
	高 Height		mm	2230	2210	2380	2430	2530	



1. KG-代表柴油瓦斯雙燃料鍋爐。
2. 供應電源為三相 / 220V / 60Hz. 標準品, 電源異動請另行通知。
3. 燃料低位發熱量: 13A是9900kcal/Nm³, LPG是11460kcal/kg, 柴油是8400kcal / l。
4. 瓦斯中壓供氣壓力0.8~3.5kgf/cm², 鍋爐瓦斯入口前加裝減壓系統減至400~1000mmAq(1000kg/h~2000kg/h), 900~1400mmAq(2500kg/h~4000kg/h)。
5. 產品因改良需要, 亦可做部份修改, 不另行通知。
6. 鍋爐效率之誤差容許值為±1%, 鍋爐尺寸之誤差容許值為±1%。

1. KG indicates diesel and gas boiler.
2. Standard power is 3-Phase / 220V / 60Hz. Notice of change is required.
3. Fuel consumption is calculated at low heat value: 13A 9900kcal/Nm³. LPG 11460 kcal/kg. Diesel 8400kcal / l.
4. Gas model supply pressure 0.8~3.5 kgf/cm². Installation of pressure reducing device, gas entrance to the boiler to reduce 400~1000mmAq(1000kg/h~2000kg/h), 900~1400mmAq(2500kg/h~4000kg/h).
5. Partial modification for improvement is allowed without notice.
6. Boiler efficiency tolerance value ±1%. Boiler dimension tolerance value ±1%.



服務團隊 SERVICE TEAM

本公司是專業的鍋爐製造廠，如有任何需求歡迎與我們聯絡。
ZU HOW Industry is a professional boiler manufacturer.
Please do not hesitate to contact us with any inquiry.



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