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志豪工業有限公司

ZU HOW INDUSTRY CO., LTD



前瞻
Advanced

創新
Innovation

人性化
User friendly

雙燃料蒸汽鍋爐
Dual Fuel Steam Boiler

全新雙燃料鍋爐機種齊全 燃料價格變動時代
燃料選擇更輕鬆 隨時讓你



ISO 9001 國際品質認證
ISO 9001 International quality certified

中華民國鍋爐及壓力容器製造設施檢查合格認證
Certificate of Qualification for the Inspection of Manufacturing Boiler
and Pressure Vessel Facility Type the Republic of China

中國特種設備鍋爐及壓力容器製造許可證
Manufacture License of Special Equipment People's Republic of China (Boiler Pressure Vessel)

榮獲美國機械工程師學會(ASME)"S"及"U"認證標章
Awarded American Society of Mechanical Engineers(ASME)"S" and "U" stamps

鍋爐效率性能&標準規格

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

項目ITEM		型式MODEL	DF-1000	DF-1500	DF-2000	DF-2500	DF-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 AREA	m ²	9.9	9.9	9.9	12.8	15.2	
	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	TWO-STAGE	TWO-STAGE	TWO-STAGE	TWO-STAGE	
	燃料消耗量 FUEL CONSUMPTION	13A	/h	59.2Nm ³	88.7Nm ³	118.6Nm ³	147.9Nm ³	177.9Nm ³
		LPG		51.1kg	76.6kg	102.4kg	127.8kg	153.7kg
		柴油 DIESEL		69.7L	104.6L	139.8L	174.3L	209.6L
	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		2.2		5.5	7.5	11	15	
噴燃泵馬達 INJECTION PUMP MOTOR		0.4		0.4	0.4	0.4	0.75	
控制盤 CONTROL PANEL		0.2		0.4	0.4	0.6	0.6	
製品重量 PRODUCT WEIGHT	Kg	1620	1800	2040	2560	2870		
接管口徑 PIPE DIAMETERS	燃料入口管徑 FUEL INLET DIA	13A	40	50	50	50	50	
		LPG	40	40	40	50	50	
		柴油 DIESEL	25	25	25	25	25	
	給水入口管徑 FEED WATER INLET DIA	mm	25	25	40	40	40	
	蒸汽出口管徑 STEAM OUTLET DIA		50	50	65	65	80	
	爐水排放管徑 BOILING-WATER DRAIN DIA		25	25	25	25	25	
	安全閥出口管徑 SAFETY VALVE OUTLET DIA		32	25&25	25&32	32&32	32&40	
	自動排放管徑 AUTO BLOWDOWN DIA		10	10	10	10	10	
	煙囪外徑 CHIMNEY DIA		φ mm	330	360	360	400	400
	引入電源線徑 POWER WIRE INLET DIA		mm ²	3.5	5.5	8	14	22
尺寸 DIMENSIONS	鍋爐尺寸 BOILER DIMENSIONS	mm	長 LENGTH	1730	1970	1970	2070	2070
	寬 WIDTH		1480	1915	1910	1940	1940	
	高 HEIGHT		2230	2210	2380	2430	2530	

(註)1.DF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. 瓦斯供給壓力13A:200mmAq, LPG:280mmAq, 1000kg/h~3000kg/h 機種中壓供氣0.8~3.5kgf/cm²

鍋爐瓦斯入口前加裝減壓系統減至400~700mmAq(1000kg/h~2000kg/h)700~1000mmAq(2500kg/h~3000kg/h)

5. 產品因改良需要, 亦可做部份修改, 不另行通知。

NOTES: 1.DF- x x x indicates diesel and gas boiler.

2.Standard power is 3PH/220V/60HZ. notice of change, if any, is required

3.Fuel consumption is calculated at low heat value : 13A 9900 kcal/Nm³, LPG 11460 kcal/kg. DIESEL 8400kcal / l.

4.Gas supply pressure 13A:200mmAq, LPG:280mmAq,1000kg/h~3000kg/h model supply pressure 0.8~3.5kgf/cm²

Installation of pressure reducing device, gas entrance to the boiler to reduce 400~700mmAq(1000kg/h~2000kg/h),

700~1000mmAq(2500kg/h~3000kg/h).

5.Products may be changed for omprovement without notice.



DF-1000

點火4~5分鐘發生蒸汽

PROMPT STEAMING AFTER 4~5 MINUTES OF LIGHTING

點火後4~5分鐘即可獲得足壓之蒸汽

With sufficient steam obtained after 4~5 minutes of lighting, immediate work is available

傳熱性佳

GOOD HEAT TRANSFER

燃燒氣體高速流動水管群間。

熱對流佳，熱吸引快，傳熱效果佳

Combustion gas flow through the fin of the pipe. The heat transmit is quick and result is well.

效率92%以上

EFFICIENCY HIGHER THAN 92%

爐體構造吸熱效果佳，燃燒效率92%以上

Boiler structure of excellent heat-absorption effect provides satisfied, combustion efficiency higher than 92%.

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.



DF-1500

安全裝置及控制

SAFETY EQUIPMENT & CONTROLLING

燃燒、蒸汽壓力及水位均全自動控制，運轉既安全又經濟

Full auto-controlled combustion, steam pressure and water level provide safety and economic operation.

運轉安靜

SILENCE

送風機及燃燒聲音皆較舊式同型產品低5~6db

，即使在鍋爐邊作業不受影響

Installation of air preheater, Draft fan and combustion, the sound greatly reduced, so more quiet operation

高技術、高品質

HIGH TECHNOLOGY, HIGH QUALITY

全自動CO2焊接，一貫化的生產，部品規格統一，品質有保障

The full-automatic CO2 welds. the production of the consistency and the parts specification unify, resulting in high quality products.

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，避免爐體鹽性腐蝕，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.



The ZU HOW industry Co., Ltd. is a professional boiler manufacturer. Please contact the factory for service.

志豪工業有限公司是鍋爐專業製造廠，任何需求請與我們聯絡。

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