

## YY (Q) L型立式燃油 (气) 有机热载体锅炉

### YY (Q) L Vertical oil(gas)-fired Thermal Oil Heater



#### 产品特点 Features

- 立式结构，占地面积小，并有利于导热油在炉管内的流通及排气，导热油不易结焦。
  - 燃烧器接口与盘管之间密封，采用迷宫式专利技术，密封性好，伸缩空间大，增长了燃烧器的使用寿命，提高了热效率。
  - 锅炉采用三盘管结构，烟气三回程，设计紧凑，节能空间，增加空气预热器时热效率最高可达92%以上。
  - 多重运行安全保护，使锅炉操作更安全，更简单。温度控制精度高（±1℃），燃烧效果好。
  - 采用自动控制功能，在节省人力资源的同时延长了设备寿命。
- It features a vertical structure with small flooring area to help flow and air discharge of heat transfer oil in the boiler tube and heat transfer oil cannot easily be coked.
  - The position between the burner joint and the coil is sealed. Adoption of labyrinth type patent technology is made with good seal and large flexible space, which may increase the service life of burner and enhance the heating efficiency.
  - Triple coil structure is adopted for the boiler with three-pass smoke and flue, compact design and energy-saving space. The air pre-heater is added to enhance the heating efficiency up to 92% or more.
  - Multiple running safety protection may ensure the safety and simplification of boiler operation with high temperature control precision (±1℃) and good combustible effect.
  - Adoption of automatic control function is made to increase service life of equipment while save human resources.

#### 技术参数表 List of technical parameter

型号Model	YY(Q)L-( )Y(Q)																		
	180	240	350	600	700	870	1200	1400	1800	2400	3000	3500	4000	4600	6000	7000	9300	12000	
额定热功率 Rating power	KW	180	240	350	600	700	870	1200	1400	1800	2400	3000	3500	4000	4600	6000	7000	9300	12000
	×10 <sup>4</sup> Kcal/h	15	20	30	50	60	75	100	120	150	200	250	300	350	400	500	600	800	1000
设计热效率 Design thermal efficiency	%	≥85																	
额定工作压力 Rating working pressure	MPa	1.0																	
最高使用温度 Max. working temperature	℃	350																	
热媒油容量 Thermal oil capacity	M <sup>3</sup>	0.95	0.32	0.46	0.78	0.96	1.21	1.56	1.82	2.02	2.38	2.96	3.85	4.04	4.65	5.68	6.84	9.03	12.06
循环油量 Circulating oil capacity	M <sup>3</sup> /h	20	20	30	50	50	60	100	100	100	160	200	230	230	250	300	400	500	600
主热媒口径 Main valve size	mm	50	80	80	100	100	125	125	125	150	200	200	200	250	250	250	250	300	350
全系统装机容量(油) Whole system power(Oil)	KW	11	12	14	22	22	40	40	40	40	66	70	85	85	85	100	100	150	150
全系统装机容量(气) Whole system power(Gas)	KW	11	17	17	27	28	40	40	40	45	70	70	85	85	85	100	100	150	150
满负荷时燃料消耗量(Fuel consumption)																			
60#重油 60# heavy oil	Kg/h	20.3	27	40.6	67.7	81.2	102	135	162	203	270	338	406	473	541	676	812	1082	1353
柴油 Light diesel	Kg/h	19.6	26	39	65	78	98	130	156	196	261	326	392	457	522	653	784	1045	1307
天然气 (LNG)	N m <sup>3</sup> /h	23	31	47	79	95	119	158	190	238	317	396	476	555	635	793	952	1269	1587
液化石油气 (LPG)	N m <sup>3</sup> /h	7.8	10.4	15.6	26	31	39	52	62.5	78	104	130	156	182	208	260	312	416	520
城市煤气 (CG)	N m <sup>3</sup> /h	50	66	100	166	200	250	333	400	500	666	833	1000	1166	1333	1666	2000	2666	3333
最大运输尺寸 Most transport Size	长 L	1110	1300	1470	1500	1820	2000	2050	2200	2300	2450	2650	2800	3480	3560	3840	3750	3960	4450
	宽 W	965	1170	1340	1350	1640	1750	1890	1940	2100	2300	2500	2600	3210	3210	3340	3210	3630	4100
	高 H	2300	2460	3200	3800	4270	4600	4690	5200	5620	5710	6250	70	8100	8100	9350	9350	11000	12100
净重 Net weight	t	1.65	1.78	2.89	4.23	4.68	5.78	7.65	8.93	10.56	14.23	18.36	20.32	24.56	34.56	45.63	49.63	57.69	65.23
满油重 Weight filled with oil	t	1.78	1.96	3.22	4.75	5.41	6.59	8.761	10.28	12.56	16.42	21.03	23.56	27.76	38.23	49.65	65.23	64.56	72.68
烟囱直径 Chimney diameter	mm	260	300	300	340	340	340	400	400	400	500	500	645	645	645	700	700	850	1000

注：1、上述所有值，是以天然气(LNG)低位发热值8400kcal/Nm<sup>3</sup>、液化石油气(LPG)低位发热值25600kcal/Nm<sup>3</sup>、城市煤气(CG)低位发热值4000kcal/Nm<sup>3</sup>、柴油低位发热值10200kcal/Nm<sup>3</sup>、重油低位发热值9850kcal/Nm<sup>3</sup>为标准计算的。

2、本公司由于技术进步对以上数据保留修改的权利，最终数据以随机图纸为准。

Notes: 1. All above-mentioned values are calculated based on the following lower calorific values as a standard, LNG: 8400kcal/Nm<sup>3</sup>, LPG: 25600kcal/Nm<sup>3</sup> City Gas (CG): 4000kcal/Nm<sup>3</sup> Diesel: 10200kcal/Nm<sup>3</sup> Heavy fuel oil: 9850kcal/Nm<sup>3</sup>.

2. We will reserve rights to change the above-mentioned data due to technical innovation. The final data shall be subject to the drawings attached on the equipment.

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