



Appendix F4 - Fig1

RL SERIES > Technical data

Model			▼ RL 28	▼ RL 38	▼ RL 38	▼ RL 50	▼ RL 70	▼ RL 100	▼ RL 130	▼ RL 190	
Burner operation mode			Two stage								
Modulation ratio to max. output			2 ÷ 1								
Servo-motor	type		--								
	run time	s	--								
Heat output		kW	95/166÷332	118/237÷450	118/237÷450	148/296÷593	255/474÷830	356/711÷1186	486/948÷1540	759/1423÷2443	
		Mcal/h	82/143÷286	101/204÷387	101/204÷387	127/255÷510	219/408÷714	306/612÷1020	418/816÷1325	653/1224÷2100	
		Kg/h	8/14÷28	10/20÷38	10/20÷38	12,5/25÷50	21,5/40÷70	30/60÷100	41/80÷130	64/120÷206	
Working temperature		°C min./max.	0/40								
Net calorific value	kWh/kg		11,8								
	Kcal/kg		10200								
	Viscosity at 20°C		mm ² /s (cSt) 4 ÷ 6								
Pump	type		AN 57C	AL 65C		AL 75C	AL 95C	AJ 6CC		J7C	
	output	kg/h at 12 bar	45	67		88	107	164		230	
Atomised pressure		bar	12								
Oil temperature		Max. °C	50								
Fan		type	Centrifugal with reverse curve blades								Straight blades
Air temperature		Max. °C	60								
Electrical supply		Ph/Hz/V	1/50/230~(±10%)			3N/50/400~(±10%) 人 3/50/230~(±10%) △					
Auxiliary electrical supply		Ph/Hz/V	1/50/230~(±10%)								
Control box		type	RB0 522								
Total electrical power		kW	0,37	0,6	0,56	0,75	1,4	1,8	2,6	5,9	
Auxiliary electrical power		kW	0,22	0,18	0,11	0,10	0,3	0,3	0,4	1,4	
Protection level		IP	44								
Power electric motor		kW	0,25	0,42	0,45	0,65	1,1	1,5	2,2	4,5	
Rated motor current		A	2,1	2,9	2 - 1,2	3 - 1,7	4,8 - 2,8	5,9 - 3,4	8,8 - 5,1	15,8 - 9,1	
Motor start current		A	4,8	11	9,5 - 5,5	13,8 - 8	25 - 14,6	27,7 - 16	57,2 - 33,2	126 - 73	
Motor protection level		IP	54								
Ignition transformer	V1 - V2		230V - 2x5 kV								230V - 2x5 kV
	I1 - I2		1,9A - 30 mA								1,9A - 35 mA
Working			Intermittent (at least one stop every 24 h)								
Sound pressure		dBA	68	70	70	75	75	77	78,5	83,9	
Sound output		W	--	--	--	--	--	--	--	--	
CO emission		mg/kWh	< 40								
Grade of smoke indicator		N° Bach.	< 1								
C _x H _y emission		mg/kWh	<10 (after the first 20 s.)								
NO _x emission		mg/kWh	< 200								
Approval	Directive		73/23 - 89/336 - 98/37 - 92/42 EEC								
	According to		EN 267								
	Certification		DIN 5G224/93	DIN 5G225/93	DIN 5G225/93	DIN 5G226/93	DIN 5G424/99	DIN 5G425/99	DIN 5G426/99	DIN 5G861/99	

Reference conditions:

Temperature: 20°C

Pressure: 1013.5 mbar

Altitude: 100 m a.s.l.

Noise measured at a distance of 1 meter.

Since the Company is constantly engaged in the production improvement, the aesthetic and dimensional features, the technical data, the equipment and the accessories can be changed.

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