

## Water Cooled Type Unit-1

Model			RLF 30		RLF 40		RLF 50		RLF 65					
			Side discharge	Top discharge	Side discharge	Top discharge	Side discharge	Top discharge	Side discharge	Top discharge				
Performance	Cooling	kW	32		38		51		66					
	Power supply		3N-380V-50Hz											
	Control range and accuracy		18°C~ 30°C±2°C											
	Electric heater	kW	18		14		24		36					
	Air flow	m <sup>3</sup> /h	5400		6500		8000		10000					
	ESP	Pa	0	80/150/300	0	80/150/300	0	100/250/400	0	100/250/400				
	Noise	dB(A)	64	66/67/68	64	66/67/68	64	65/67/69	68	69/71/73				
Refrigerant System	Compressor		Type		Hermetic scroll									
			Qty		1		1		1		2			
	Refrigerant		Rated		kW		8.5		9		12		18.4	
			Type		R407c / R22									
	Charging		kg		6.4		7.6		10.2		13.1			
	Control device		TXV											
Evaporator		Copper pipe with aluminium fins type												
Condenser	Condenser		Shell & Tube Type											
	Water Flow	m <sup>3</sup> /h	7.0		8.1		10.8		14.5					
	Water P.D.	kPa	35.0		35.0		35.0		40.0					
	Pipe Size	DN	50.0		50.0		50.0		65.0					
Air Supply System	Supply fan		Centrifugal fan											
	Power	kw	0.75	0.75/1.5/2.2	0.75	0.75/1.5/2.2	1.5	1.5/2.2/3	1.5	1.5/3/4				
	Filter		Nylon											

Dimension	L	mm	1400		1700		1700		1900	
	W	mm	680		680		680		850	
	H	mm	1980	1750	1980	1750	2230	1900	2230	1900
Weight		g	360	350	370	360	585	570	650	630

## Water Cooled Type Unit-1

Model		RLF 80	RLF 100	RLF 110	RLF 130	RLF 150	RLF 190	RLF 220	
		Top discharge	Top discharge	Top discharge	Top discharge	Top discharge	Top discharge	Top discharge	
Performance	Cooling	kW	78	97	112	129	150	188	218
	Power supply		3N-380V-50Hz						
	Control range and accuracy		18°C~ 30°C±2°C						
	Electric heater	kW	48	48	48	54	72	90	108
	Air flow	m <sup>3</sup> /h	13000	16000	18000	20000	22000	25000	35000
	ESP	Pa	100/250/400	120/300/450	120/300/450	150/350/450	200/400/500	450/500	500/600
	Noise	dB(A)	69/71/72	70/72/75	70/72/75	72/74/77	75/77/79	80/82	81/82
Refrigerant System	Compressor		Type Hermetic scroll						
			Qty		2	3	3	3	2
	Refrigerant		Type R407c / R22						
			Charging		15.5	19.3	22.3	25.7	29.9
	Control device		TXV						
	Evaporator		Copper pipe with aluminium fins type						
Condenser	Condenser		Shell & Tube Type						
	Water Flow	m <sup>3</sup> /h	17.0	21.8	24.8	28.6	33.1	41.8	47.7
	Water P.D.	kPa	35	35	35	35	42	45	45
	Pipe Size	DN	65	65	65	80	80	100	100
Air Supply S)	Supply fan		Centrifugal fan						
	Power	kw	2.2/4/5.5	4/5.5/7.5	4/5.5/7.5	5.5/7.5	7.5/11	11/15.0	15/18.5

/stem	Filter		Nylon						
	L	mm	1900	2200	2200	2200	2200	2200	3344
Dimension	W	mm	925	1025	1025	1300	1300	1590	1541
	H	mm	2125	1800	180	1950	1950	2050	2050
	Weight	g	1055	1170	1400	1590	1650	1800	2150