

Flooded Screw Type High Temperature Hot Water Unit

Unit Model (RLSG-ARG)		130	320	340	540	620	940	1000	
Nominal Heating Capacity	kW	128.8	323	332	543	617	934	1032	
Evaporator Cooling Load	kW	85	219.1	225.6	373.5	425.7	646.7	717.9	
Input power of heating	kW	37.4	88	90.2	142.7	160.7	240.5	261.8	
Max. Running Current	A	68.4	162.0	166.7	263.8	297.2	443.0	484.2	
Power voltage		380V-3-50Hz							
Starting Mode		Y-▲							
Refrigerant		R134a							
Refrigerant Charge		31	79	81	134	153	233	258	
Refrigerant Control Device		Electronic expansion valve (EXV)							
Compressor		Type	Semi-hermetic screw						
		Qty	1	1	1	1	1	1	1
Evaporator	Type		Shell & tube type						
	Water pressure	kpa	70-90						
	Water pipe Dia.	DN	DN50	DN80	DN80	DN100	DN100	DN125	DN150
	Water flow	m ³ /h	15	38	39	64	73	111	123
Condenser Type	Type		Shell & tube type						
	Water pressure	kpa	70-90						
	Water pipe Dia.	DN	DN50	DN100	DN100	DN125	DN125	DN150	DN150
	Water flow	m ³ /h	22	56	57	93	106	161	178
Noise		dB(A)	73	79	79	83	84	87	87
Unit Structure		Horizontal type							
Dimensions		L	2750	2750	2750	3350	3350	3350	3350
		W	1650	1950	1950	1950	1950	2100	2150
		H	2000	2100	2100	2200	2200	2250	2350
Install dimension(mm)		L1	2230	2035	2035	2735	2735	2735	2735
		W1	990	1350	1350	1350	1350	1520	1625
Net weight		kg	1700	2370	2420	2700	2850	3700	4000
Running weight		kg	2100	2670	2720	3220	3300	4200	4540
Note:	Heating conditions:	Evaporator water inlet outlet temperature 30°C/-25°C, condenser water inlet outlet temperature 65°C/-70°C							

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Unit Model (RLSG-ARG)		260	640	880	1080	1200	1840	2000	
Nominal Heating	kW	257.6	646	664	1086	1234	1868	2064	
Evaporator Cooling Load	kW	170	438.2	451.2	747	851.4	12934	1435.8	
Input power of heating	kW	74.8	176	180.4	285.4	321.4	481	523.6	
Max. Running Current	A	136.8	324.0	333.4	527.6	594.4	886.0	968.4	
Power voltage		380V-3-50Hz							
Starting Mode		Y-▲							
Refrigerant		R134a							
Refrigerant Charge		27	63	65	103	116	173	188	
Refrigerant Control Device		Electronic expansion valve (EXV)							
Compressor	Type	Semi-hermetic screw							
	Qty	2	2	2	2	2	2	2	
Evaporator	Type	Shell & tube type							
	Water pressure	kpa	70-90						
	Water pipe Dia.	DN	DN80	DN125	DN125	DN150	DN150	DN200	DN200
	Water flow	m ³ /h	29	75	78	128	146	222	247
Condenser Type	Type	Shell & tube type							
	Water pressure	kpa	70-90						
	Water pipe Dia.	DN	DN80	DN125	DN125	DN150	DN150	DN200	DN200
	Water flow	m ³ /h	44	11	114	187	212	321	355
Noise	dB(A)	73	79	79	83	84	87	87	
Unit Structure		Horizontal type							
Dimensions	L	4050	4050	4050	4050	4100	4300	4500	
	W	2200	2200	2200	2200	2200	2300	2300	
	H	2250	2250	2250	2250	2400	2450	2450	
Install dimension(mm)	L1	3435	3435	3435	3435	3435	3435	3435	
	W1	1520	1520	1520	1520	1625	1775	1775	
Net weight	kg	3200	4540	4640	4950	5230	6600	7500	
Running weight	kg	3670	5020	5130	5420	5820	7250	8300	
Note:	Heating conditions:	Evaporator water inlet outlet temperature 30°C/-25°C, condenser water inlet outlet temperature 65°C/-70°C							