

Water source working condition R407c

Model RLSW - (C) R		70	80	100	120	160	200	240	
Power supply		380V/50HZ							
Compressor Qty		2	2	3	3	4	5	6	
Normal cooling capacity	kW	60	80.8	112.9	121.2	161.6	202	242.4	
Input power of cooling	kW	12	14.4	18	21.6	28.8	21.6	86.4	
Norma heating capacity	kW	76.6	90.2	114.9	135.3	180.4	225.5	270.6	
Input power of heating	kW	16.4	19.6	24.6	29.4	39.2	58.8	58.8	
Max. running current	A	37.6	44.4	56.4	66.6	88.8	111	133.2	
Cable diameter (Copper wire distnce≤20meters)	mm ²	3*6+2*4	3*10+2*6	3*16+2*10	3*16+2*10	3*25+2*16	3*35+2*16	3*50+2*25	
Compressor type		Hermetic scroll							
Sarting mode		Direct							
Refrigerant		R22 / R407C							
Refrigerant charge	kg	13	13	20	20	26	32	40	
Refrigerant control device		Thermostatic expansion valve							
Evaporator	Type		Shell and tube type						
	Water pressure	kPa	70						
	Water pipe Dia.	DN	50	65	65	65	80	80	80
	Connection		Threaded connect						
	Chilled water flow	m ³ /h	11.8	13.9	19.4	20.8	27.8	34.7	41.7
	Well water flow	m ³ /h	7.1	8.3	11.6	12.5	16.6	20.8	25
Condenser type	Type		Shell and tube type						
	Water pressure	kPa	70						
	Water pipe Dia.	DN	50	50	65	65	80	80	80
	Well water flow	m ³ /h	7.1	8.3	11.6	12.5	16.6	20.8	25
	Hot water flow	m ³ /h	11.8	13.9	19.4	20.8	27.8	34.7	41.7
Dimensions	L	1800	1800	2400	2400	2400	2800	3200	
	W	700	700	800	800	950	950	950	
	H	1350	1350	1400	1400	1450	1450	1450	
Natwnigt	kg	410	495	680	690	920	1080	1220	
Running weigh	kg	490	610	820	830	1050	1190	1480	
Noise	dB(A)	72	72	72	72	72	72	72	

Main protection measures	1. High & Low voltage protection; 2. Anti-freeze protection; 3. Temperature control; 4. Reverse phase and phase loss protection	
	5. High & low pressure protection; 6. High pressure exhaust temperature protection; 7. Built-in motor overheating protection;	
	8. Over-current protection; 9. Safe valve; 10. Check valve	
Remarks	Cooling conditions:	User side inlet/outlet water temperature: 12°C/7°C; ground water
	Heating conditions:	User side inlet/outlet water temperature: 40°C/--°C; ground water

Ground source working condition R407c

Ground source working condition R407c									
Model RLSW - (C) R		70	80	100	120	160	200	240	
Power supply		380V/50HZ							
Compressor Qty		2	2	3	3	4	5	6	
Normal cooling capacity	kW	68.6	80.8	112.9	121.2	161.6	202	242.4	
Input power of cooling	kW	12	14.4	18	21.6	28.8	21.6	86.4	
Norma heating capacity	kW	76.6	90.2	114.9	135.3	180.4	225.5	270.6	
Input power of heating	kW	16.4	19.6	24.6	29.4	39.2	58.8	58.8	
Max. running current	A	37.6	44.4	56.4	66.6	88.8	111	133.2	
Cable diameter (Copper wire distnce≤20meters)	mm ²	3*6+2*4	3*10+2*6	3*16+2*10	3*16+2*10	3*25+2*16	3*35+2*16	3*50+2*25	
Compressor type		Hermetic scroll							
Sarting mode		Direct							
Refrigerant		R22 / R407C							
Refrigerant charge	kg	13	13	20	20	26	32	40	
Refrigerant control device		Thermostatic expansion valve							
Evaporator	Type		Shell and tube type						
	Water pressure	kPa	70						
	Water pipe Dia.	DN	50	65	65	65	80	80	80
	Connection		Threaded connect						
	Chilled water flow	m ³ /h	11.8	13.9	19.4	20.8	27.8	34.7	41.7
	Well water flow	m ³ /h	15.6	18.3	25.6	27.5	36.7	45.9	55
Condenser type	Type		Shell and tube type						
	Water pressure	kPa	70						
	Water pipe Dia.	DN	50	50	65	65	80	80	80
	Well water flow	m ³ /h	15.6	18.3	25.6	27.5	36.7	45.9	55
	Hot water flow	m ³ /h	11.8	13.9	19.4	20.8	27.8	34.7	41.7
Dimensions	L	1800	1800	2400	2400	2400	2800	3200	
	W	700	700	800	800	950	950	950	
	H	1350	1350	1400	1400	1450	1450	1450	
Natwnigt	kg	410	495	680	690	920	1080	1220	

Running weigh	kg	490	610	820	830	1050	1190	1480
Noise	dB(A)	72	72	72	72	72	72	72
Main protection measures		1. High & Low voltage protection; 2. Anti-freeze protection; 3. Temperature control; 4. Reverse phase and phase loss protection						
		5. High & low pressure protection; 6. High pressure exhaust temperature protection; 7. Built-in motor overheating protection;						
		8. Over-current protection; 9. Safe valve; 10. Check valve						
Remarks	Cooling conditions:	User side inlet/outlet water temperature: 12°C/7°C; ground water						
	Heating conditions:	User side inlet/outlet water temperature: 40°C/--°C; ground water						

Main protection measures	1. High & Low voltage protection; 2. Anti-freeze protection; 3. Temperature control; 4. Reverse phase and phase loss protection	
	5. High & low pressure protection; 6. High pressure exhaust temperature protection; 7. Built-in motor overheating protection;	
	8. Over-current protection; 9. Safe valve; 10. Check valve	
Remarks	Cooling conditions:	User side inlet/outlet water temperature: 12°C/7°C; ground water inlet/outlet
	Heating conditions:	User side inlet/outlet water temperature: 40°C/--°C; ground water inlet/outlet

Cooling Tower working condition R407C

Model RLSW - (C) R		70	80	100	120	160	200	240	
Power supply		380V/50HZ							
Compressor Qty		2	2	3	3	4	5	6	
Normal cooling capacity	kW	67	77	101.5	115.5	154	192.5	231	
Input power of cooling	kW	13.2	16	19.8	24	32	40	48	
Max. running current	A	37.6	44.4	56.4	66.6	88.8	111	133.2	
Cable diameter	mm ²	3*6+2*4	3*10+2*6	3*16+2*10	3*16+2*10	3*25+2*16	3*35+2*16	3*50+2*25	
Compressor type		Hermetic scroll							
Sarting mode		Direct							
Refrigerant		R22/R407C							
Refrigerant charge	kg	13	13	20	20	26	32	40	
Refrigerant control device		Thermostatic expansion valve							
Evaporator	Type	Shell and tube type							
	Water pressure	kPa	70						
	Water pipe Dia.	DN	50	65	65	65	80	80	80
	Connection	Threaded connect							
Well water flow	m ³ /h	11.5	13.2	17.5	19.9	26.5	33.1	39.7	
Condenser type	Type	Shell and tube type							
	Water pressure	kPa	70						
	Water pipe Dia.	DN	50	65	65	65	80	80	80
Water flow	m ³ /h	14.4	16.6	21.8	24.8	33.1	41.4	49.7	
Unit type		Horizontal							
Dimensions	L	1800	1800	2400	2400	2400	2800	3200	
	W	700	700	800	800	950	950	950	
	H	1350	1350	1400	1400	1450	1450	1450	
Natwnigt	kg	410	495	680	690	920	1080	1220	
Running weigh	kg	490	610	820	830	1050	1190	1480	
Noise	dB(A)	72	72	72	72	72	72	72	
Main protection measures		1. High & Low voltage protection; 2. Anti-freeze protection; 3. Temperature control; 5. High & low pressure protection; 6. High pressure exhaust temperature protection; 8. Over-current protection; 9. Safe valve; 10. Check valve							
Remarks:	Cooling conditions:	User side inlet/outlet water temperature: 12°C/7°C; ground water inlet/outlet User side inlet/outlet water temperature: 40°C/--°C; ground water inlet/outlet							

Cooling Tower working condition R410a

Model RLSW - (C) R		70	80	100	120	160	200	240	280	
Power supply		380V/50HZ								
Compressor Qty		2	2	3	3	4	5	6	2	
Normal cooling capacity	kW	67	77	101.5	115.5	154	192.5	231	265	
Input power of cooling	kW	14	15.8	21	23.7	31.6	39.5	47.4	53.2	
Max. running current	A	40	45	60	67.5	90	112.5	135	147	
Cable diameter	mm ²	3*6+2*4	3*10+2*6	3*16+2*10	3*16+2*10	3*25+2*16	3*35+2*16	3*50+2*25	3*70+2*35	
Compressor type		Hermetic scroll								
Sarting mode		Direct								
Refrigerant		R410a								
Refrigerant charge	kg	13	13	20	20	26	32	40	50	
Refrigerant control device		Thermostatic expansion valve								
Evaporator	Type	Shell and tube type								
	Water pressure	kPa	70							
	Water pipe Dia.	DN	50	65	65	65	80	80	80	80
	Connection	Threaded connect								
Well water flow	m ³ /h	11.5	13.2	17.5	19.9	26.5	33.1	39.7	45.6	
Condenser type	Type	Shell and tube type								
	Water pressure	kPa	70							
	Water pipe Dia.	DN	50	65	65	65	80	80	80	80
Water flow	m ³ /h	14.4	16.6	21.8	24.8	33.1	41.4	49.7	57.0	
Unit type		Horizontal								
Dimensions	L	1800	1800	2400	2400	2400	2800	3200	3000	
	W	700	700	800	800	950	950	950	950	
	H	1350	1350	1400	1400	1450	1450	1450	1750	
Natwnigt	kg	410	495	680	690	920	1080	1220	1420	
Running weigh	kg	490	610	820	830	1050	1190	1480	1550	
Noise	dB(A)	72	72	72	72	72	72	72	72	
Main protection measures		1. High & Low voltage protection; 2. Anti-freeze protection; 3. Temperature control;								
		5. High & low pressure protection; 6. High pressure exhaust temperature protection;								
		8. Over-current protection; 9. Safe valve; 10. Check valve								
Remarks:	Cooling conditions:	User side inlet/outlet water temperature: 12°C/7°C; ground water inlet/outlet water								
		User side inlet/outlet water temperature: 40°C/--°C; ground water inlet/outlet water								