

Water source working condition R407c

Model RLSW - (C) R		7	10	12	15	18	12	15	18	20	28	30	35	40	
Power supply		220V/50HZ					380V/50HZ								
Compressor Qty		1													
Normal cooling capacity	kW	8.3	10.3	12.2	15.2	18	12.2	15.2	18	19.5	27.7	29.7	34.3	40.4	
Input power of cooling	kW	1.8	2.2	2.6	3.2	3.4	2	2.8	3	3.4	5	5	6	7.2	
Norma heating capacity	kW	9.4	12.4	14.2	17.8	20.1	12.4	17.8	20.1	21.4	29.7	31.7	38.3	45.1	
Input power of heating	kW	5.4	2.9	3.5	4.3	4.8	2.8	3.9	4.1	4.9	6.7	6.7	8.2	9.8	
Max. running current	A	15.5	17.5	21	27.1	30.5	7	9.1	9.6	11.7	15	15	18.8	22.2	
Cable diameter (Copper wire distnce≤20meters)	mm ²	2*4	2*4	2*4	2*6	2*6	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	
Compressor type		Hermetic scroll													
Sarting mode		Direct													
Refrigerant		R22 / R407C													
Refrigerant charge	kg	1.8	1.8	4.5	4.5	4.5	4.5	4.5	4.5	5	6	6	6.5	6.5	
Refrigerant control device		Thermostatic expansion valve													
Evaporator	Type	Plate type			Tube in tube type										
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	50	50	50	50	50	50	50	50	50
	Connection		Threaded connect												
	Chilled water flow	m ³ /h	1.4	1.8	2.1	2.6	3.1	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
	Well water flow	m ³ /h	0.9	1.1	1.3	1.6	1.9	1.3	1.6	1.9	2.0	2.9	3.1	3.5	4.2
Condenser type	Type	Plate type			Tube in tube type										
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	50	50	50	50	50	50	50	50	50
	Well water flow	m ³ /h	0.9	1.1	1.3	1.6	1.9	1.3	1.6	1.9	2.0	2.9	3.1	3.5	4.2
	Hot water flow	m ³ /h	1.4	1.8	2.1	2.6	3.1	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
Dimensions	L	1000	1000	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	
	W	610	610	655	655	655	655	655	655	655	655	655	655	655	
	H	730	730	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	
Natwnigt	kg	100	100	210	210	210	210	235	235	235	235	270	270	285	
Running weigh	kg	120	120	248	248	248	248	280	280	280	280	325	325	340	
Noise	dB(A)	62	62	62	62	62	62	62	62	62	70	70	72	72	

1.High & Low voltage protection; 2. Anti-freeze protection; 3.Temperature control; 4. Reverse phase and phase loss

Main protection measures		5.High & low pressure protection; 6.High pressure exhaust temperature protection; 7.Built-in motor overheating
		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 temperature: 18°C/29
	Heating conditions:	User side inlet/outlet water temperature: 40°C/--°C; ground water inlet/outlet water temperature: 15°C/--

Water source working condition R410a

Model RLSW - (C) R		7	10	12	15	18	12	15	18	20	28	30	35	40	
Power supply		220V/50HZ					380V/50HZ								
Compressor Qty		1													
Normal cooling capacity	kW	8.3	10.3	12.2	15.2	/	12.2	15.2	18	19.5	27.7	29.7	34.3	40.4	
Input power of cooling	kW	2	2	2.8	2.8	/	2.5	2.9	3.3	3.5	5	5.4	6.6	7.2	
Norma heating capacity	kW	9.4	12.4	14.2	17.8	/	12.4	17.8	20.1	21.4	29.7	31.7	38.3	45.1	
Input power of heating	kW	2.7	2.7	3.7	3.7	/	3.4	3.9	4.5	4.7	6.8	7.3	8.4	9.8	
Max. running current	A	15.5	15.5	24.1	24.1	/	8	9.1	10.2	10.9	15.7	17	20	22.5	
Cable diameter (Copper wire distnce≤20meters)	mm ²	2*4	2*4	2*4	2*4	/	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	
Compressor type		Hermetic scroll													
Sarting mode		Direct													
Refrigerant		R410A													
Refrigerant charge	kg	1.8	1.8	4.5	4.5	/	4.5	4.5	4.5	5	6	6	6.5	6.5	
Refrigerant control device		Thermostatic expansion valve													
Evaporator	Type	Plate type			Tube in tube type										
	Water pressure	kPa 70													
	Water pipe Dia.	DN 25	DN 25	DN 50	DN 50	/	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50
	Connection	Threaded connect													
	Chilled water flow	m ³ /h	1.4	1.8	2.1	2.6	/	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
	Well water flow	m ³ /h	0.9	1.1	1.3	1.6	/	1.3	1.6	1.9	2.0	2.9	3.1	3.5	4.2
Condenser type	Type	Plate type			Tube in tube type										
	Water pressure	kPa 70													
	Water pipe Dia.	DN 25	DN 25	DN 50	DN 50	/	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50
	Well water flow	m ³ /h	0.9	1.1	1.3	1.6	/	1.3	1.6	1.9	2.0	2.9	3.1	3.5	4.2
	Hot water flow	m ³ /h	1.4	1.8	2.1	2.6	/	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
Dimensions	L	1000	1000	1400	1400	/	1400	1400	1400	1400	1400	1400	1400	1400	
	W	610	610	655	655	/	655	655	655	655	655	655	655	655	
	H	730	730	1100	1100	/	1100	1100	1100	1100	1100	1100	1100	1100	
Natwnigt	kg	100	100	210	210	/	210	235	235	235	235	270	270	285	
Running weigh	kg	120	120	248	248	/	248	280	280	280	280	325	325	340	
Noise	dB(A)	62	62	62	62	/	62	62	62	62	70	70	72	72	

Main protection measures	1.High & Low voltage protection; 2. Anti-freeze protection; 3.Temperature control; 4. Reverse phase and phase loss	
	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 water temperature: 18°C/29°C;
	Heating conditions:	User side inlet/outlet water temperature: 40°C/--°C; ground water inlet/outlet water temperature: 15°C/--°C;

Ground source working condition R407c

Model RLSW - (C) R		7	10	12	15	18	12	15	18	20	28	30	35	40	
Power supply		220V/50HZ					380V/50HZ								
Compressor Qty		1													
Normal cooling capacity	kW	8.3	10.3	12.2	15.2	18	12.2	15.2	18	19.5	27.7	29.7	34.3	40.4	
Input power of cooling	kW	1.8	2.2	2.6	3.2	3.4	2	2.8	3	3.4	5	5	6	7.2	
Norma heating capacity	kW	9.4	12.4	14.2	17.8	20.1	12.4	17.8	20.1	21.4	29.7	31.7	38.3	45.1	
Input power of heating	kW	2.4	2.9	3.5	4.3	4.8	2.8	3.9	4.1	4.9	6.7	6.7	8.2	9.8	
Max. running current	A	15.5	17.5	21	27.1	30.5	7	9.1	9.6	11.7	15	15	18.8	22.2	
Cable diameter (Copper wire distnce≤20meters)	mm ²	2*4	2*4	2*4	2*6	2*6	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	3*4+2*2. 5	
Compressor type		Hermetic scroll													
Sarting mode		Direct													
Refrigerant		R22 / R407C													
Refrigerant charge	kg	1.8	1.8	4.5	4.5	4.5	4.5	4.5	4.5	5	6	6	6.5	6.5	
Refrigerant control device		Thermostatic expansion valve													
Evaporator	Type	Plate type			Tube in tube type										
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	50	50	50	50	50	50	50	50	50
	Connection		Threaded connect												
	Chilled water flow	m ³ /h	1.4	1.8	2.1	2.6	3.1	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
	Well water flow	m ³ /h	1.9	2.3	2.8	3.45	4.1	2.8	3.5	4.1	2	2.9	6.7	7.8	9.2
Condenser type	Type	Plate type			Tube in tube type										
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	50	50	50	50	50	50	50	50	50
	Well water flow	m ³ /h	1.9	2.3	2.8	3.5	4.1	2.8	3.5	4.1	2	2.9	6.7	7.8	9.2
	Hot water flow	m ³ /h	1.4	1.8	2.1	2.6	3.1	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
Dimensions	L	1000	1000	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	
	W	610	610	655	655	655	655	655	655	655	655	655	655	655	
	H	730	730	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	
Natwnigt	kg	100	100	210	210	210	210	235	235	235	235	270	270	285	
Running weigh	kg	120	120	248	248	248	248	280	280	280	280	325	325	340	
Noise	dB(A)	62	62	62	62	62	62	62	62	62	70	70	72	72	

Main protection measures		1.High & Low voltage protection; 2. Anti-freeze protection; 3.Temperature control; 4. Reverse phase and phase loss
		5.High & low pressure protection; 6.High pressure exhaust temperature protection; 7.Built-in motor overheating
		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 temperature: 25°C/29
	Heating conditions:	User side inlet/outlet water temperature: 40°C/--°C; ground water inlet/outlet water temperature: 10°C/--

Ground source working condition R410a

Model RLSW - (C) R		7	10	12	15	18	12	15	18	20	28	30	35	40	
Power supply		220V/50HZ					380V/50HZ								
Compressor Qty		1													
Normal cooling capacity	kW	8.3	10.3	12.2	15.2	/	12.2	15.2	18	19.5	27.7	29.7	34.3	40.4	
Input power of cooling	kW	2	2.5	2.8	3.5	/	2.5	2.9	3.3	3.5	5	5.4	6.6	7.2	
Norma heating capacity	kW	9.4	12.4	14.2	17.8	/	12.4	17.8	20.1	21.4	29.7	31.7	38.3	45.1	
Input power of heating	kW	2.7	3.6	3.7	4.6	/	3.4	3.9	4.5	4.7	6.8	7.3	8.4	9.8	
Max. running current	A	15.5	15.5	24.1	24.1	/	8	9.1	10.2	10.9	15.7	17	20	22.5	
Cable diameter (Copper wire distnce≤20meters)	mm ²	2*4	2*4	2*4	2*4	/	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	
Compressor type		Hermetic scroll													
Sarting mode		Direct													
Refrigerant		R410A													
Refrigerant charge	kg	1.8	1.8	4.5	4.5	/	4.5	4.5	4.5	5	6	6	6.5	6.5	
Refrigerant control device		Thermostatic expansion valve													
Evaporator	Type		Plate type			Tube in tube type									
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	/	50	50	50	50	50	50	50	
	Connection		Threaded connect												
	Chilled water flow	m ³ /h	1.4	1.8	2.1	2.6	/	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
	Well water flow	m ³ /h	1.9	2.3	2.8	3.5	/	2.8	3.5	4.1	4.4	6.3	6.7	7.8	9.2
Condenser type	Type		Plate type			Tube in tube type									
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	/	50	50	50	50	50	50	50	
	Well water flow	m ³ /h	1.9	2.3	2.8	3.5	/	2.8	3.5	4.1	4.4	6.3	6.7	7.8	9.2
	Hot water flow	m ³ /h	1.4	1.8	2.1	2.6	/	2.1	2.6	3.1	3.4	4.8	5.1	5.9	6.9
Dimensions	L	1000	1000	1400	1400	/	1400	1400	1400	1400	1400	1400	1400	1400	
	W	610	610	655	655	/	655	655	655	655	655	655	655	655	
	H	730	730	1100	1100	/	1100	1100	1100	1100	1100	1100	1100	1100	
Natwnigt	kg	100	100	210	210	/	210	235	235	235	235	270	270	285	

Running weigh	kg	120	120	248	248	/	248	280	280	280	280	325	325	340
Noise	dB(A)	62	62	62	62	/	62	62	62	62	70	70	72	72
Main protection measures		1.High & Low voltage protection; 2. Anti-freeze protection; 3.Temperature control; 4. Reverse phase and phase loss												
		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 water temperature: 25°C/29°C;												
	Heating conditions:	User side inlet/outlet water temperature: 40°C/--°C; ground water inlet/outlet water temperature: 10°C/--°C;												

Cooling Tower working condition R407C

Model RLSW - (C) R		7	10	12	15	18	12	15	18	20	28	30	35	40	
Power supply		220V/50HZ					380V/50HZ								
Compressor Qty		1													
Normal cooling capacity	kW	7.9	9.8	11.5	14.5	17.2	11.5	14.5	17.2	18.6	26.5	28.7	33.5	38.5	
Input power of cooling	kW	2	2.4	2.9	3.5	3.8	2.3	3.1	3.3	3.9	5.5	5.5	6.6	8	
Max. running current	A	15.5	17.5	21	27.1	30.5	7	9.1	9.6	11.7	15	15	18.8	22.2	
Cable diameter	mm ²	2*4	2*4	2*4	2*6	2*6	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	3*4+2*2.5	
Compressor type		Hermetic scroll													
Sarting mode		Direct													
Refrigerant		R22/R407C													
Refrigerant charge	kg	1.8	1.8	4.5	4.5	4.5	4.5	4.5	4.5	5	6	6	6.5	6.5	
Refrigerant control device		Thermostatic expansion valve													
Evaporator	Type	Plate type				Tube in tube type									
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	50	50	50	50	50	50	50	50	50
	Connection	Threaded connect													
	Well water flow	m ³ /h	1.4	1.7	2.0	2.5	3.0	2.0	2.5	3.0	3.2	4.6	4.9	5.8	6.6
Condenser type	Type	Plate type				Tube in tube type									
	Water pressure	kPa	70												
	Water pipe Dia.	DN	25	25	50	50	50	50	50	50	50	50	50	50	50
	Water flow	m ³ /h	1.7	2.1	2.5	3.1	3.7	2.5	3.1	3.7	4.0	5.7	6.2	7.2	8.3
Unit type		Horizontal													
Dimensions	L	1000	1000	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	
	W	610	610	655	655	655	655	655	655	655	655	655	655	655	
	H	730	730	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	
Natwnigt	kg	100	100	210	210	210	210	235	235	235	235	270	270	285	
Running weigh	kg	120	120	248	248	248	248	280	280	280	280	325	325	340	
Noise	dB(A)	62	62	62	62	62	62	62	62	62	70	70	72	72	
Main protection measures		1.High & Low voltage protection; 2. Anti-freeze protection; 3.Temperature control; 4. Reverse phase and phase loss													
		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; cooling water inlet/outlet water temperature: 30°C/35°C;													

Natwnigt	kg	100	100	210	210	/	210	235	235	235	235	270	270	285
Running weigh	kg	120	120	248	248	/	248	280	280	280	280	325	325	340
Noise	dB(A)	62	62	62	62	/	62	62	62	62	70	70	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; cooling water inlet/outlet water temperature: 30°C/35°C;												