

Product			Air Cooled Scroll Water Chiller And Heat Pump						
Type			Mini						
Model - RLSFW			RLSFW10	RLSF W15	RLSFW20	RLSFW25	RLSFW30	RLSFW40	RLSFW45
Nominal Cooling capacity	kW		9.5	14.5	21.5	23.1	27	32	43
Cooling input power	kW		3.5	5.2	7.5	7.9	9	10.4	13.3
Running current	A		7.05	9.05	13.3	14	16	18.4	23.5
Nominal Heating capacity	kW		10.3	16.4	24.4	26.3	30	38.2	46.2
Heating input power	kW		3.45	4.6	7.4	7.9	9	10.3	13.2
Running current	A		6.75	8.65	13.1	14.0	16.0	18.2	23.3
Max. running current	A		11.3	13.5	20.6	21.5	24	27	35
Cable diameter (copper wire distance \leq 20m)	mm ²		2.5	2.5	3*6+2*4	3*6+2*4	3*6+2*4	3*6+2*4	3*10+2*6
Power voltage			380v / 50hz						
Compressor	Type		Hermetic scroll type						
	Quantity		1						2
	Starting mode		Direct start						
	Regrigerant	Type	R22/R410a						
		Charge	2.4	2.8	8.5	10	10.5	11.5	12
Control		Electronic expansion valve (EXV)							
Evaporator	Type		Stainless steel plate type						
	Water Pressure drop	kPa	70-90						
	Water pipe Dia.	DN	DN25	DN25	DN32	DN32	DN40	DN40	DN50
	Water flow	m ³ /h	1.6	2.6	3.4	3.6	4.3	5.0	6.7
Condensor type			Internally Threaded Copper Tube & Hydrophilic Aluminum Fins						
Condensor Fan	Type		Axial type						
	Quantity		1						2
	Noise	dB(A)	68	68	68	68	78	78	68
	Power	(kW)	0.55	0.55	0.55	0.55	0.75	0.75	0.37*2
	Air flow	m ³ /h	4000	6000	8000	10000	12000	14000	16000
Air discharge			Side(top for option)						
Dimension	L	mm	1200(118)	1200(118)	1200(118)	1200(118)	1200(118)	1200(118)	2200(211)
	W	mm	720(1080)	720(1080)	720(1080)	720(1080)	720(1080)	720(1080)	720(1080)
	H	mm	1870(187)	1870(187)	1870(187)	1870(187)	1870(187)	1870(187)	1920(187)
Net weight	kg	185	240	320	350	380	380	650	
Operation weight	kg	200	260	360	380	420	420	690	
Noise	dB(A)	65	66	69	69	70	71	78	
Remarks	1.Cooling standard working conditions:ambient temperature 35°CDB/24°CWB;								
	2.Heating standard working conditions:ambient temperature 7°CDB/6°CWB;								
	3.Optional accessories:Built-in expansion water tank & water pump.								

Product			EVI type Air cooled water chiller and heat pump				
Type			Mini				
Model			RLSFW20	RLSFW25	RLSFW30	RLSFW40	RLSFW45
Norminal Cooling capacity	kW		21.5	23.1	27	32	43
Cooling inpur power	kW		7.5	7.9	9	10.4	13.3
Running current	A		11.4	12	13.7	15.8	20.2
Heating capacity I @ working condition I	kW		24.4	26.3	30	38.2	46.2
Heating input power	kW		7.4	7.9	9	10.3	13.2
Running current	A		11.2	12.0	13.7	15.6	20.1
Heating capacity II @ working condition II	kW		17.8	19.2	21.9	27.9	33.8
Heating input power	kW		7.5	8.0	9.1	10.4	13.3
Running current	A		11.3	12.1	13.8	15.8	20.2
Max. running current	A		20.6	21.5	24	27	35
Cable diameter (copper wire distance \leq 20m)	mm ²		3*6+2*4	3*6+2*4	3*6+2*4	3*6+2*4	3*10+2*6
Power supply			380V/50HZ				
Compressor	Type		Hermetic scroll type				
	Quantity		1				
	Start mode		Direct start				
	Regrigerant	Type	R22/R410a				
		Charge (kg)	8.5	10	10.5	11.5	12
Control		Electronic expansion valve (EXV)					
Evaporator	Type		Plate type				Shell & tube
	Pressure drop	kPa	70-90				
	Main water pipe connection		DN32	DN32	DN40	DN40	DN50
	Water flow	m ³ /h	3.4	3.6	4.3	5.0	6.7
Condensor	Type		Internally Threaded Copper Tube & Hydrophilic Aluminum Fins				
	Fan	Type	Axial type				
		Quantity	1				2
		Noise dB(A)	68	68	78	78	68
		Power (kW)	0.55	0.55	0.75	0.75	0.37*2
Air flow		8000	10000	12000	14000	16000	
Air discharge			Side(top for option)				
Dimension	L	mm	1200(1080)	1200(1080)	1200(1080)	1200(1080)	1200(1080)
	W	mm	720(1080)	720(1080)	720(1080)	720(1080)	720(1080)
	H	mm	1870(1890)	1870(1890)	1870(1890)	1870(1890)	1870(1890)
Net weight	kg	320	350	380	380	650	
Operation weight	kg	360	380	420	420	690	
Noise	dB(A)	69	69	70	71	72	
Remarks	1. Cooling standard working conditions:ambient temperature 35°CDB/24°CWB; Cold water inlet temperature 12°C,outlet temperature 7°C.						
	2. Working condition I : Ambient temperature 7°CDB/6°CWB; Hot water inlet temperature 40°C,outlet temperature 45°C.						
	3. Working condition II : ambient temperature -12°CDB/-13.5°CWB, outlet temperature 41°C.						
	4.Optional accessories:Built-in expansion water tank & water pump.						

Product			Air Cooled Scroll Hot Water Heat Pump				
Type			Mini				
Model - RLSFW			RLSFW10	RLSFW20	RLSFW30	RLSFW40	RLSFW80
Heating capacity	kW		11.2	19.8	36.3	40.7	81.4
Heating input power	kW		4.3	7.3	11	12.6	25.2
Max. Running current	A		19.5	11	16.7	19.1	38.3
Max. Running current	A		22	16	25	32	61
Cable diameter (copper wire distance \leq 20m)	mm ²		3*6	3*4+2*2.5	3*6+2*2.5	3*10+2*6	3*25+2-16
Power voltage			220v /		380V/50Hz		
Compressor	Type		Hermetic scroll type				
	Quantity		1				2
	Starting mode		Direct start				
	Regrigerant	Type	R22/R410a				
		Charge (kg)	4.5	6.5	10	10.5	10.5*2
Control		Thermaxpansion valve (EXV)					
Evaporator	Type		Plate type				
	Water Pressure drop	kPa					
	Water pipe Dia.	DN	DN32	DN32	DN40	DN40	DN50
Water flow	m ³ /h	1.8	3.1	5.7	6.4	12.7	
Condensor type			Internally Threaded Copper Tube & Hydrophilic Aluminum				
Condensor Fan	Type		Axial type				
	Quantity		1				2
	Noise	dB(A)	69	69	69	69	69
	Power	(kW)	0.37/0.55	0.37/0.55	0.37/0.55	0.37/0.55	0.37/0.55
	Air flow	m ³ /h	8000	8000	10000	10000	20000
Air discharge			Top				
Dimension	L	mm	1180	1180	1180	1180	2110
	W	mm	1080	1080	1080	1080	1080
	H	mm	1870	1870	1870	1870	1870
Net weight	kg	300	320	350	380	700	
Operation weight	kg	330	350	380	420	760	
Noise	dB(A)	69	70	72	72	73	
Remarks	1.Test conditions:ambient temperature 20 °C DB/15°C; the actual heating capacity will vary with the outdoor environment temperature and humidity.						
	2.The maximum outlet temperature of hot water can reach 60°C.						
	3.Opreating environment temperature range : -25°C~46°C. Outlet water temperature 55°C.						