

Product		R22 & R407c Air Cooled Screw Type Water Chiller And Heat Pump						
Type		Screw Type						
Model-RLSFC/RLSFCR		280	320	360	460	500	560	
Nominal Cooling capacity	kW	270	308	365	458	502	545	
Cooling input power	kW	87	99	121	144	158	171	
Running current	A	172	194	236	279	308	338	
Norminal Heating capacity	kW	271	318	374	470	522	563	
Heating input power	kW	85	97	118	140	153	166	
Running current	A	157	176	214	252	278	305	
Max. running current	A	197	222	270	320	355	376	
Cable diameter (copper wire distance ≤20 meters)	mm <sup>2</sup>	3*95+2*50	3*120+2*50	3*150+2*70	3*185+2*95	3*185+2*95	3*240+2*120	
Compressor	Type	Semi-hermetic screw						
	Quantity	1						
	Engerry steps	25%-50%-75%-100%						
	Power voltage	3N-380V-50HZ						
	Starting mode	Y-▲ or by winding						
	Regrigerant	Type	R407c/R22					
		Charge (kg)	85	85	100	125	140	150
	Control	Electronic expansion valve (EXV)						
Condenser type	Type	Internally threaded copper tube & hydrophilic aluminum fins						
	Fan type	kPa	Axial type fan					
	Qty	6	6	8	10	10	10	
	Input power	kW	2.2*6	2.2*6	2.2*8	2.2*10	2.2*10	2.2*10
Evaporator	Type	Shell & tube type						
	Water Pressure	kPa	70					
	Water pipe Dia.DN	100	100	100	125	125	125	
	Water flow	m <sup>3</sup> /h	46	53	63	79	86	94
Heat recovery device	Type	Shell & tube type						
	Qty	30%						
	Water Pressure drop	70						
	Water pipe Dia.DN	65	65	80	80	80	80	
	Water flow	m <sup>3</sup> /h	18	21	25	31	34	37

Heat recovery device	Type		Shell & tube type					
	Qty		100%					
	Water Pressure drop		70					
	Water pipe Dia.DN		80	100	100	100	100	125
	Water flow	m <sup>3</sup> /h	37	42	50	62	68	74
Noise		dB(A)	79	79	79	81	81	82
Dimension	L	mm	3190	3190	4100	5010	5010	5310
	W	mm	2250	2250	2250	2250	2250	2250
	H	mm	2480	2480	2480	2480	2480	2480
Net weight		kg	2500	3000	3500	4700	5400	5800
Operation weight		kg	3100	3500	4000	5100	5800	6200
Main protection measures		1.High &low voltage protection;			2.Anti-freezing protection;			
		3.Temperature control;			4.Owe anti-phase protection;			
		5.High & low pressure protection;			6.High pressure exhaust temperature			
		7.Built-in motor overheating protection;			8.Over-current protection;			
		9. Safe valve;			10.Check valve			
Remarks:		1.Cooling standard working conditions:ambient temperature 35°CDB/24°CWB;						
		2.Heating standard working conditions:ambient temperature 7°CDB/6°CWB;						

Product		R22 & R407c Air Cooled Screw Type Water Chiller And Heat Pump						
Type		Screw Type						
Model-RLSFC/RLSFCR		560	640	720	920	1000	1120	
Nominal Cooling capacity	kW	540	616	730	916	1004	1090	
Cooling input power	kW	174	199	242	288	316	342	
Running current	A	344	366	427	535	593	631	
Norminal Heating capacity	kW	542	636	748	940	1044	1126	
Heating input power	kW	169	193	235	280	307	332	
Running current	A	314	353	427	504	555	610	
Max. running current	A	393	445	539	640	709	751	
Cable diameter (copper wire distance ≤20 meters)	mm <sup>2</sup>	2*(3*95+2*50)	2*(3*120+2*50)	2*(3*150+2*70)	2*(3*185+2*95)	2*(3*185+2*95)	2*(3*240+2*120)	
Compressor	Type	Semi-hermetic screw						
	Quantity	2						
	Engerry steps	25%-50%-75%-100%						
	Power voltage	3N-380V-50HZ						
	Starting mode	Y-▲ or by winding						
	Regrigerant	Type	R407c/R22					
		Charge (kg)	170	170	200	250	280	300
	Control	Electronic expansion valve (EXV)						
Condenser type	Type	Internally threaded copper tube & hydrophilic aluminum fins						
	Fan type	kPa	Axial type fan					
	Qty	12	16	16	20	20	20	
	Input power	kW	2.2*12	2.2*16	2.2*16	2.2*20	2.2*20	2.2*20
Evaporator	Type	Shell & tube type						
	Water Pressure	kPa	70					
	Water pipe Dia.DN	150	150	150	150	150	150	

	Water flow	m <sup>3</sup> /h	93	106	126	158	173	187
Heat recovery device	Type		Shell & tube type					
	Qty		30%					
	Water Pressure drop		70					
	Water pipe Dia.DN		80	80	100	100	100	125
	Water flow	m <sup>3</sup> /h	37	42	50	62	68	74
Heat recovery device	Type		Shell & tube type					
	Qty		100%					
	Water Pressure drop		70					
	Water pipe Dia.DN		125	125	125	150	150	150
	Water flow	m <sup>3</sup> /h	74	84	100	124	136	148
Noise		dB(A)	79	81	83	83	84	84
Dimension	L	mm	6186	8006	8006	9826	9826	10620
	W	mm	2250	2250	2250	2250	2250	2250
	H	mm	2480	2480	2480	2480	2480	2480
Net weight		kg	5400	6000	6600	9000	10000	11500
Operation weight		kg	6000	6600	7200	9600	16000	12100
Main protection measures		1.High &low voltage protection;			2.Anti-freezing protection;			
		3.Temperature control;			4.Owe anti-phase 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:		1.Cooling standard working conditions:ambient temperature 35°CDB/24°CWB;						
		2.Heating standard working conditions:ambient temperature 7°CDB/6°CWB;						

Product		R134a Air Cooled Screw Type Water Chiller And Heat Pump							
Type		Screw Type							
Model-RLSFC/RLSFCR		260	280	320	360	460	500	560	
Nominal Cooling capacity	kW	252	280	321	356	458	496	562	
Cooling input power	kW	82	90	108	122	148	163	182	
Running current	A	162	179	214	234	290	323	360	
Norminal Heating capacity	kW	246	280	328	368	465	503	583	
Heating input power	kW	80	89	92	120	145	160	179	
Running current	A	147	162	194	211	263	293	354	
Max. running current	A	199	222	265	290	361	398	452	
Cable diameter (copper wire distance ≤20 meters)	mm <sup>2</sup>	3*95+2*50	3*120+2*50	3*150+2*70	3*150+2*70	3*185+2*95	3*240+2*120	3*240+2*120	
Compressor	Type	Semi-hermetic screw							
	Quantity	1							
	Engerry steps	25%-50%-75%-100%							
	Power voltage	3N-380V-50HZ							
	Starting mode	Y-▲ or by winding							
	Regrigerant	Type	R134a						
		Charge (kg)	70	80	95	110	135	150	170
	Control	Electronic expansion valve (EXV)							
Condenser type	Type	Internally threaded copper tube & hydrophilic aluminum fins							
	Fan type	kPa	Axial type fan						
	Qty	6	6	8	10	10	10	10	
	Input power	kW	2.2*6	2.2*6	2.2*8	2.2*10	2.2*10	2.2*12	2.2*12
Evaporator	Type	Shell & tube type							
	Water Pressure	kPa	70						
	Water pipe Dia.DN	100	100	100	125	125	125	150	
	Water flow	m <sup>3</sup> /h	43	48	55	61	79	85	97
Heat recovery device	Type	Shell & tube type							
	Qty	30%							
	Water Pressure drop	70							

Device	Water pipe Dia.DN		65	65	80	80	80	80	100
	Water flow	m <sup>3</sup> /h	17	19	22	25	31	34	38
Heat recovery device	Type		Shell & tube type						
	Qty		100%						
	Water Pressure drop		70						
	Water pipe Dia.DN		80	100	100	100	125	125	125
	Water flow	m <sup>3</sup> /h	34	38	44	49	63	68	77
Noise		dB(A)	79	79	79	79	81	83	83
Dimension	L	mm	3190	3190	4100	5010	5010	6168	6168
	W	mm	2250	2250	2250	2250	2250	2250	2250
	H	mm	2480	2480	2480	2480	2480	2480	2480
Net weight		kg	2500	3000	3500	5800	6000	6200	6400
Operation weight		kg	3100	3500	4000	6200	6600	7000	7400
Main protection measures		1.High &low voltage protection;				2.Anti-freezing protection;			
		3.Temperature control;				4.Owe anti-phase 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:		1.Cooling standard working conditions:ambient temperature 35°CDB/24°CWB; cold water inlet temperature 12°C, outlet temperature 7°C							
		2.Heating standard working conditions:ambient temperature 7°CDB/6°CWB; cold water inlet temperature 40°C, outlet temperature 45°C							

Product		R134a Air Cooled Screw Type Water Chiller And Heat Pump							
Type		Screw Type							
Model-RLSFC/RLSFCR		520	560	640	720	920	1000	1120	
Nominal Cooling capacity	kW	504	560	642	712	916	992	1124	
Cooling input power	kW	163	181	215	245	295	325	364	
Running current	A	324	358	428	467	579	646	720	
Norminal Heating capacity	kW	492	560	656	736	930	1006	1166	
Heating input power	kW	160	177	185	240	290	320	357	
Running current	A	293	323	387	422	526	586	708	
Max. running current	A	399	445	530	579	723	796	904	
Cable diameter (copper wire)	mm <sup>2</sup>	2*(3*95+2*5)	2*	2*(3*150+2*70)	2*(3*150+2*70)	2*(3*185+2*95)	2*(3*240+2*120)	2*(3*240+2*120)	
Compressor	Type	Semi-hermetic screw							
	Quantity	2							
	Engerry steps	25%-50%-75%-100%							
	Power voltage	3N-380V-50HZ							
	Starting mode	Y-▲ or by winding							
	Regrigerant	Type	R134a						
Charge (kg)		140	160	190	220	270	300	340	
	Control	Electronic expansion valve (EXV)							
Condenser type	Type	Internally threaded copper tube & hydrophilic aluminum fins							
	Fan type	kPa	Axial type fan						
	Qty	12	12	16	20	20	24	24	
	Input power	kW	2.2*12	2.2*12	2.2*16	2.2*20	2.2*20	2.2*24	2.2*24
Evaporator	Type	Shell & tube type							
	Water Pressure	kPa	70						
	Water pipe Dia.DN	125	150	150	150	150	150	200	
	Water flow	m <sup>3</sup> /h	87	96	110	122	158	171	193
Heat recovery device	Type	Shell & tube type							
	Qty	30%							
	Water Pressure drop	70							
	Water pipe Dia.DN	80	80	100	100	100	125	125	
	Water flow	m <sup>3</sup> /h	34	38	44	49	63	68	77

Heat recovery device	Type		Shell & tube type						
	Qty		100%						
	Water Pressure drop		70						
	Water pipe Dia.DN		100	100	100	100	125	125	125
	Water flow	m <sup>3</sup> /h	69	76	88	99	125	136	154
Noise		dB(A)	79	79	81	83	83	84	84
Dimension	L	mm	6186	6186	8006	9826	9826	12372	12372
	W	mm	2250	2250	2250	2250	2250	2250	2250
	H	mm	2480	2480	2480	2480	2480	2480	2480
Net weight		kg	5400	6000	6600	11500	12500	13500	14500
Operation weight		kg	6000	6600	7200	12100	13100	14300	14400
Main protection measures		1.High &low voltage protection;				2.Anti-freezing protection;			
		3.Temperature control;				4.Owe anti-phase 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:		1.Cooling standard working conditions:ambient temperature 35°CDB/24°CWB;							
		2.Heating standard working conditions:ambient temperature 7°CDB/6°CWB;							