

R22 screw type water cooled water chiller (1)

Unit model-RLSG		200	240	270	320	360	400	440	500	580	
Nominal cooling capacity	kW	198	246	269	313	368	399	440	525	569	
Input power	kW	41.9	50.2	54.8	62.1	72.1	78.2	86.2	103.2	105.6	
Running current	A	72.8	88.1	95.1	107.4	124.4	134.0	145.8	174.5	180.0	
Max.running current	A	89.9	108.9	118.2	133.7	155.0	167.8	184.1	220.5	225.7	
Cable diameter (copper wire)	mm ²	3*35+2*	3*35+2*	3*50+2*	3*50+2*	3*70+2*	3*70+2*	3*95+2*	3*120+2	3*120+2	
Power voltage	3-380V-50Hz										
Starting mode	Y-▲										
Refrigerant	R22										
Refrigerant charge		40	49	54	63	74	80	88	105	114	
Refrigerant control device	Electronic expansion valve(EXV)										
Compressor	Type	Semi-hermetic screw									
	Qty	1									
Evaporator	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	80	80	100	100	100	100	125	125	125
	Water flow	m ³ /h	34	42	46	54	63	69	76	90	98
Condenser type	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	80	80	100	100	100	100	125	125	125
	Water flow	m ³ /h	43	53	58	67	79	86	95	113	122
Noise	dB(A)	78.4	79	79.2	79.6	80.4	81.5	83.1	84.2	85.2	
Unit structure	Horizontal type										
	L	3000	3000	3000	3000	3000	3000	3000	3400	3400	

Dimensions (mm)	W	1250	1350	1300	1350	1350	1350	1350	1450	1450
	H	1650	1800	1650	1650	1800	1800	1800	1800	1800
Installation dimensions (mm)	L1	2230	2230	2230	2230	2230	2230	2230	2735	2735
	W1	790	790	790	790	880	880	880	880	880
Net weight	kg	1600	1650	1700	1800	1900	2100	2300	2400	2600
Running weight	kg	1950	2050	2150	2350	2500	2600	2900	3000	3250
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35°C								

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Unit model-RLSG		620	700	820	940	1100	1200	1400	1500	
Nominal cooling capacity	kW	618	692	812	944	1070	1200	1360	1510	
Input power	kW	118.8	133	151.6	178.6	201.8	226.4	251.8	281.3	
Running current	A	201.1	224.9	254.4	299.4	338.2	393.2	433.8	479.1	
Max.running current	A	253.8	284.1	320.8	378.0	427.1	490.7	543.7	595.7	
Power voltage		3-380V-50Hz								
Starting mode		Y-▲								
Refrigerant		R22								
Refrigerant charge		124	138	162	189	214	240	272	302	
Refrigerant control device		Electronic expansion valve(EXV)								
Compressor	Type	Semi-hermetic screw								
	Qty	1								
Evaporator	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	150	150	150	150	150	200	200	200
	Water flow	m ³ /h	106	119	140	162	184	206	234	260
Condenser type	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	150	150	150	150	150	200	200	200
	Water flow	m ³ /h	133	149	175	203	230	258	292	325
Noise	dB(A)	86.3	86.9	87.1	87.6	88.4	90.1	90.5	90.8	
Unit structure		Horizontal type								
Dimensions (mm)	L	3500	3500	3500	3600	3600	4200	4200	4200	
	W	1500	1500	1500	1600	1600	1640	1640	1700	

	H	2000	1850	1850	1950	1950	1900	1900	1900
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	3435	3435	3435
	W1	1300	1300	1300	1300	1300	1350	1350	1350
Net weight	kg	2800	3100	3400	3700	4000	4300	4600	5200
Running weight	kg	3450	3900	4700	5300	5700	6100	6600	7000
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperat							

R22 screw type water cooled water chiller (1)

Unit model-RLSG		400	480	560	640	720	800	880	1000	1160	
Nominal cooling capacity	kW	396	492	538	626	736	798	880	1050	1138	
Input power	kW	83.8	100.4	109.6	124.2	144.2	156.4	172.4	206.4	211.2	
Running current	A	145.6	176.2	190.2	214.8	248.8	268	291.6	349	360	
Max.running current	A	179.8	217.8	236.4	267.4	310	335.6	368.2	441	451.4	
Power voltage		3-380V-50Hz									
Starting mode		Y-▲									
Refrigerant		R22									
Refrigerant charge		79	98	108	125	147	160	176	210	228	
Refrigerant control device		Electronic expansion valve(EXV)									
Compressor	Type	Semi-hermetic screw									
	Qty	2									
Evaporator	Type	Shell& tube type									
	Water pressure drop	kPa	70-90								
	Water pipe Dia.	DN	100	125	125	150	150	150	150	150	150
	Water flow	m ³ /h	68	85	93	108	127	137	151	181	196
Condenser type	Type	Shell& tube type									
	Water pressure drop	kPa	70-90								
	Water pipe Dia.	DN	100	125	125	150	150	150	150	150	150
	Water flow	m ³ /h	85	106	116	135	158	172	189	226	245
Noise	dB(A)	78.4	79	79.2	79.6	80.4	81.5	83.1	84.2	85.2	
Unit structure		Horizontal type									
Dimensions (mm)	L	3650	3650	3650	3650	3750	4400	4400	4500	4500	
	W	1400	1400	1400	1500	1500	1500	1500	1700	1500	

	H	1600	1600	1600	1800	1900	1900	1900	2050	2050
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	3435	3435	3435	3435
	W1	1000	1000	1000	1035	1140	1140	1140	1140	1140
Net weight	kg	2600	2800	3000	3100	3750	4000	4200	4400	4800
Running weight	kg	3200	3500	3800	4100	4850	5100	5400	5900	6300
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 3								

R22 screw type water cooled water chiller (2)

Unit model-RLSG		1240	1400	1640	1880	2200	2400	2800	3000	
Nominal cooling capacity	kW	1236	1384	1624	1888	2140	2400	2720	3020	
Input power	kW	237.6	366	303.2	357.2	403.6	452.8	503.6	562.6	
Running current	A	402.2	449.8	508.8	598.8	676.4	786.4	867.6	958.2	
Max.running current	A	507.6	568.2	641.6	756	854.2	981.4	1087.4	1191.4	
Power voltage		3-380V-50Hz								
Starting mode		Y-▲								
Refrigerant		R22								
Refrigerant charge		247	277	325	378	428	480	544	604	
Refrigerant control device		Electronic expansion valve(EXV)								
Compressor	Type	Semi-hermetic screw								
	Qty	2								
Evaporator	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	200	200	200	200	200	250	250	250
	Water flow	m ³ /h	213	238	279	325	368	413	468	519
Condenser type	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	200	200	200	200	200	250	250	250
	Water flow	m ³ /h	266	298	349	406	460	516	585	649
Noise	dB(A)	86.3	86.9	87.1	87.6	88.4	90.1	90.5	90.8	
Unit structure		Horizontal type								
Dimensions (mm)	L	4500	4500	4500	4550	4550	4550	4550	4550	
	W	1700	1700	1700	1920	1920	1920	1920	1920	

	H	2050	2050	2050	2000	2000	2000	2000	2000
Installation dimensions (mm)	L1	3435	3435	3435	3435	3435	3435	3435	3435
	W1	1350	1350	1350	1350	1750	1780	1780	1780
Net weight	kg	5000	5500	5900	6200	6800	7400	8000	8500
Running weight	kg	6600	7200	7600	7800	8600	9400	9900	10500
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperat							

Dimensions (mm)	W	1450	1460	1460	1460	1500	1500	1600	1600	1600
	H	2100	2100	2100	2100	2100	2100	2100	2100	2100
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	2735	2735	2735	2735
	W1	1150	1150	1150	1150	1300	1300	1300	1300	1300
Net weight	kg	2000	2200	2300	2400	2600	2900	3200	3300	3400
Running weight	kg	2400	2600	2700	2800	3250	3550	4100	4200	4300
Remarks	Cooling conditions: Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/									

Installation dimensions (mm)	W1	1300	1400	1400	1400	1450	1450	1500	1500	1500
Net weight	kg	3500	3550	3600	4000	4200	4500	4800	5000	5700
Running weight	kg	4700	5150	5200	5650	5850	6400	6800	7500	7700
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C								

R22 Falling Film type water cooled water chiller (1)

Unit model-RLSG		220J	270J	300J	360J	400J	440J	480J	580J	620J	
Nominal cooling capacity	kW	226	271	295	359	408	441	480	598	619	
Input power	kW	42.5	51	55.6	62.1	73.2	79.4	87.5	104.8	105.6	
Running current	A	73.7	89.3	96.5	115.2	126.1	135.9	148	177.1	182.6	
Max.running current	A	89.9	108.9	118.2	141.9	155.0	167.8	184.1	220.5	225.7	
Power voltage	3-380V-50Hz										
Starting mode	Y-▲										
Refrigerant	R22										
Refrigerant charge		72	87	94	115	131	141	154	191	198	
Refrigerant control device	Electronic expansion valve(EXV)										
Compressor	Type	Semi-hermetic screw									
	Qty	1									
Evaporator	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	80	100	100	100	100	100	125	125	125
	Water flow	m ³ /h	39	47	51	62	70	76	83	103	106
Condenser type	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	80	100	100	100	100	100	125	125	125
	Water flow	m ³ /h	49	58	63	77	88	95	103	129	133
Noise	dB(A)	78.4	79	79.2	79.6	80.4	81.5	83.1	84.2	85.2	
Unit structure	Horizontal type										
Dimensions (mm)	L	3400	3400	3400	3400	3400	3400	3400	3400	3400	
	W	1450	1460	1460	1460	1500	1500	1600	1600	1600	

	H	2100	2100	2100	2100	2100	2100	2100	2100	2100
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	2735	2735	2735	2735
	W1	1150	1150	1150	1150	1300	1300	1300	1300	1300
Net weight	kg	2000	2200	2300	2400	2600	2900	3200	3300	3400
Running weight	kg	2400	2600	2700	2800	3250	3550	4100	4200	4300
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35°C								

R22 Flood screw type water cooled water chiller (2)

R22 Flood screw type water cooled water chiller (2)											
Unit model-RLSG		700J	760J	880J	940J	1100J	1200J	1400J	1600J	1680J	
Nominal cooling capacity	kW	688	770	880	948	1054	1250	1402	1560	1746	
Input power	kW	120.7	135	154	166.1	181.4	204.9	229.9	255.7	285.7	
Running current	A	204.1	228.2	258.1	278.3	303.7	343.1	398.8	440.1	485.9	
Max.running current	A	253.8	284.1	320.8	346.0	378.0	427.1	490.7	543.7	595.7	
Power voltage	3-380V-50Hz										
Starting mode	Y-▲										
Refrigerant	R22										
Refrigerant charge	220	246	282	303	337	400	449	499	559		
Refrigerant control device	Electronic expansion valve(EXV)										
Compressor	Type	Semi-hermetic screw									
	Qty	1									
Evaporator	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	150	150	150	150	150	150	200	200	200
	Water flow	m ³ /h	118	132	151	163	181	215	241	268	300
Condenser type	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	150	150	150	150	150	150	200	200	200
	Water flow	m ³ /h	148	166	189	204	227	269	301	335	375
Noise	dB(A)	86.3	86.9	87.1	87.3	87.6	88.4	90.1	90.5	90.8	
Unit structure	Horizontal type										
Dimensions (mm)	L	3400	3500	3500	3500	3500	3500	3500	3500	3500	
	W	1610	1700	1700	1720	1720	1770	1810	1920	1950	

	H	2100	2150	2150	2150	2150	2200	2250	2250	2900
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	2735	2735	2735	2735
	W1	1300	1400	1400	1400	1450	1450	1500	1500	1500
Net weight	kg	3500	3550	3600	4000	4200	4500	4800	5000	5600
Running weight	kg	4700	5150	5200	5650	5850	6500	7000	7500	7900
Remarks	Cooling conditions: Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C									

R22 Flood screw type water cooled water chiller (1)

Unit model-RLSG		440J	540J	600J	720J	800J	880J	960J	1160J	1340J	
Nominal cooling capacity	kW	452	542	590	718	816	882	960	1196	1238	
Input power	kW	85	102	111.2	124.2	146.4	158.8	175	209.6	211.2	
Running current	A	147.4	178.6	193.0	230.4	252.2	271.8	296.0	354.2	365.2	
Max.running current	A	179.8	217.8	236.4	283.8	310.0	335.6	368.2	441.0	451.4	
Power voltage	3-380V-50Hz										
Starting mode	Y-▲										
Refrigerant	R22										
Refrigerant charge		145	173	189	230	261	282	307	383	396	
Refrigerant control device	Electronic expansion valve(EXV)										
Compressor	Type	Semi-hermetic screw									
	Qty	2									
Evaporator	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	100	125	125	150	150	125	150	150	200
	Water flow	m ³ /h	78	93	101	123	140	152	165	206	213
Condenser type	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	100	125	125	150	150	125	150	150	200
	Water flow	m ³ /h	97	117	127	154	175	190	206	257	266
Noise	dB(A)	78.4	79	79.2	79.6	80.4	81.5	83.1	84.2	85.2	
Unit structure	Horizontal type										
	L	4100	4100	4100	4150	4150	4200	4200	4300	4400	

Dimensions (mm)	W	1600	1600	1600	1600	1550	1600	1600	1680	1750
	H	2100	2100	2100	2100	2100	2100	2150	2150	2150
Installation dimensions (mm)	L1	3435	3435	3435	3435	3435	3435	3435	3435	3435
	W1	1300	1300	1320	1300	1350	1350	1350	1380	1450
Net weight	kg	3400	3700	4000	4200	4500	4800	5000	5200	5500
Running weight	kg	4400	4700	5000	5300	5700	6200	6500	7100	7500
Remarks	Cooling conditions: Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35°C									

R22 Flood screw type water cooled water chiller (2)

Unit model-RLSG		1400J	1520J	1760J	1880J	2200J	2400J	2800J	3200J	3360J	
Nominal cooling capacity	kW	1376	1540	1760	1896	2108	2500	2804	3120	3492	
Input power	kW	241.4	270	308	332.2	362.8	409.8	459.8	511.4	571.4	
Running current	A	408.2	456.4	516.2	556.6	607.4	686.2	797.6	880.2	971.8	
Max.running current	A	507.6	568.2	641.6	692.0	756.0	854.2	981.4	1087.4	1191.4	
Power voltage	3-380V-50Hz										
Starting mode	Y-▲										
Refrigerant	R22										
Refrigerant charge	440	493	563	607	675	800	897	998	1117		
Refrigerant control device	Electronic expansion valve(EXV)										
Compressor	Type	Semi-hermetic screw									
	Qty	2									
Evaporator	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	200	200	200	200	200	250	250	250	250
	Water flow	m ³ /h	237	265	303	326	363	430	482	537	601
Condenser type	Type	Shell& tube type									
	Water pressure	kPa	70-90								
	Water pipe Dia.	DN	200	200	200	200	200	250	250	250	250
	Water flow	m ³ /h	296	331	378	408	453	538	603	671	751
Noise	dB(A)	86.3	86.9	87.1	87.3	87.6	88.4	90.1	90.5	90.8	

Unit structure		Horizontal type								
Dimensions (mm)	L	4500	4500	5000	5000	5000	5000	5300	5300	5800
	W	1750	1750	1750	1870	1930	2000	2400	2400	2400
	H	2150	2200	2150	2300	2300	2410	2530	2530	2750
Installation dimensions (mm)	L1	3435	3435	3435	3435	3435	3435	3435	3435	3435
	W1	1450	1550	1550	1700	1700	1700	1700	1700	1700
Net weight	kg	5700	6000	6300	6500	6900	7100	8400	8600	10000
Running weight	kg	7700	8000	8400	8700	9000	9300	10400	11000	125000
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35°								