



Install Dimension (mm)	W1	790	790	790	790	790	790	790
Net weight	kg	1400	1400	1600	1600	1650	1700	1700
Running weight	kg	1700	1700	1900	1950	2050	2150	2350
Note:	Cooling conditions:	Chilled water inlet/outlet temperature -5°C/-10°C, cooling water inlet/outlet temperature						

## -25°C outlet water R22 screw type water chiller

Unit Model	RLSG-D	110	120	130	150	160	180	200	
Nominal Cooling Capacity	kW	102	110	120	145	152	168	189	
Input Power	kW	59.9	65	71.6	85.8	87.7	98.7	110.5	
Running Current	A	105.6	113.4	122.6	146.7	152.7	169.3	189	
Max.Running Current	A	157.5	170.6	187.3	224.3	229.5	258.1	288.9	
Cable Diameter	mm <sup>2</sup>	3*70+2*35	3*70+2*35	3*95+2*50	3*120+2*5	3*120+2*50	3*150+2*7	3*150+2*7	
Power voltage	3-380v-50Hz								
Starting mode	Y-▲								
Refrigerant	R22								
Refrigerant Charge		18	19	21	25	26	29	32	
Refrigerant Control Device	Electronic Expansion Valve(EXV)								
Compressor	Type	Semi-hermetic screw							
	Compressor	Qty	1						
Evaporator	Type	Shell & tube type							
	Water pressure	kPa	<200						
	Water pipe Dia.	DN	100	100	125	125	125	150	150
	Water flow	m <sup>3</sup> /h	18	19	21	25	26	29	33
Condenser Type	Type	Shell & tube type							
	Water pressure	kPa	70-90						
	Water pipe Dia.	DN	100	100	125	125	125	150	150
	Water flow	m <sup>3</sup> /h	28	30	33	40	41	46	52
Noise	dB(A)	80.4	81.5	83.1	84.2	85.2	86.3	86.9	
Unit Structure	Horizontal type								
Dimensions (mm)	L	3000	3000	3000	3400	3400	3500	3500	
	W	1350	1350	1350	1450	1450	1500	1500	
	H	1800	1800	1800	1800	1800	2000	1850	

Install Dimension (mm)	L1	2230	2230	2230	2735	2735	2735	2735
	W1	880	880	880	880	880	1300	1300
Net weight	kg	1900	2100	2300	2400	2600	2800	3100
Running weight	kg	2500	2600	2900	3000	3250	3450	3900
Note:	Cooling conditions:	Chilled water inlet/outlet temperature -5°C/-10°C, cooling water inlet/outlet temperature 30						

## -25°C outlet water R22 screw type water chiller

Unit Model	RLSG-D	230	250	280	310	350	390	440	
Nominal Cooling Capacity	kW	220	237	258	292	329	376	422	
Input Power	kW	126	135.9	148.8	167.6	188.1	209.2	233.8	
Running Current	A	215.9	232.7	253.7	286.6	333.7	366.2	406.6	
Max.Running Current	A	326.4	352.1	384.6	434.6	498.7	552.7	605.2	
Cable Diameter	mm <sup>2</sup>	3*185+2*9	3*185+2*9	3*185+2*9	3*240+2*1	2*(3*150+2	2*(3*150+2	2*(3*185+2	
Power voltage	3-380v-50Hz								
Starting mode	Y-▲								
Refrigerant	R22								
Refrigerant Charge		38	41	44	50	56	64	72	
Refrigerant Control Device	Electronic Expansion Valve(EXV)								
Compressor	Type	Semi-hermetic screw							
	Compressor	Qty	1						
Evaporator	Type	Shell & tube type							
	Water pressure	kPa	<200						
	Water pipe Dia.	DN	150	150	150	150	200	200	200
	Water flow	m <sup>3</sup> /h	38	41	44	50	57	65	73
Condenser Type	Type	Shell & tube type							
	Water pressure	kPa	70-90						
	Water pipe Dia.	DN	150	150	150	150	200	200	200
	Water flow	m <sup>3</sup> /h	60	64	70	79	89	101	113
Noise	dB(A)	87.1	87.3	87.6	88.4	90.1	90.5	90.8	
Unit Structure	Horizontal type								
Dimensions (mm)	L	3500	3600	3600	3600	4200	4200	4200	
	W	1500	1500	1600	1600	1640	1640	1700	
	H	1850	1850	1950	1950	1900	1900	1900	
Install Dimension (mm)	L1	2735	2735	2735	2735	3435	3435	3435	

Install Dimension (mm)	W1	1300	1300	1300	1300	1350	1350	1400
Net weight	kg	3400	3500	3700	4000	4300	4600	5200
Running weight	kg	4700	5000	5300	5700	6100	6600	7000
Note:	Cooling conditions:	Chilled water inlet/outlet temperature -5°C/-10°C, cooling water inlet/outlet temperature 30°C/35°C						

## -10°C outlet water R22 screw type water chiller

Unit Model	RLSG-D	60	80	110	120	140	160	180	
Nominal Cooling Capacity	kW	56.4	78	102.8	110.2	137.2	147.4	174.2	
Input Power	kW	37.2	50.4	63.2	69.6	83.4	91.0	103.2	
Running Current	A	67.0	90.6	116.6	125.2	150.8	162.0	182.6	
Max.Running Current	A	100.0	132.0	167.2	182.6	221.2	240.2	271.8	
Cable Diameter (copper wire distance ≤20 meters)	mm <sup>2</sup>	2 (	2 (	2 (	2 (	2 (	2 (	2 (	
Power voltage	3-380v-50Hz								
Starting mode	Y-▲								
Refrigerant	R22								
Refrigerant Charge		10	14	18	18	24	26	30	
Refrigerant Control Device	Electronic Expansion Valve(EXV)								
Compressor	Type		Semi-hermetic screw						
	Compressor	Qty	2						
Evaporator	Type		Shell & tube type						
	Water pressure drop	kPa	<200						
	Water pipe Dia.	DN	100	100	100	100	125	125	150
	Water flow	m <sup>3</sup> /h	10	13	18	19	24	25	30
Condenser Type	Type		Shell & tube type						
	Water pressure drop	kPa	70-90						
	Water pipe Dia.	DN	100	100	100	100	125	125	150
	Water flow	m <sup>3</sup> /h	16	22	29	31	38	41	48

Noise	dB(A)	73.1	73.7	74.8	78.4	79	79.2	79.6
Unit Structure		Horizontal type						
Dimensions (mm)	L	3300	3300	3300	3650	3650	3650	3650
	W	1400	1400	1400	1400	1400	1400	1500
	H	1600	1600	1600	1600	1600	1600	1800
Install Dimension (mm)	L1	2735	2735	2735	2735	2735	2735	2735
	W1	1000	1000	1000	1000	1000	1000	1140
Net weight	kg	2200	2300	2400	2600	2800	3000	3100
Running weight	kg	2900	3000	3100	3200	3500	3800	4100
Note:	Cooling conditions:	Chilled water inlet/outlet temperature -5°C/-10°C, cooling water inlet/outlet temperature 30°C/35°C						



## -25°C outlet water R22 screw type water chiller

Unit Model	RLSG-D	220	240	260	300	320	360	400	
Nominal Cooling Capacity	kW	204	220	240	290	304	336	378	
Input Power	kW	119.8	130	143.2	171.6	175.4	197.4	221	
Running Current	A	211.2	226.8	245.2	293.4	305.4	338.6	378.0	
Max.Running Current	A	315.0	341.2	374.6	448.6	459	516.2	577.8	
Cable Diameter	mm <sup>2</sup>	2*	2*	2*	2*	2*	2*	2*	
Power voltlage	3-380v-50Hz								
Starting mode	Y-▲								
Refrigerant	R22								
Refrigerant Charge		36	38	42	50	52	58	64	
Refrigerant Control Device	Electronic Expansion Valve(EXV)								
Compressor	Type		Semi-hermetic screw						
	Compressor	Qty	2						
Evaporator	Type		Shell & tube type						
	Water pressure	kPa	<200						
	Water pipe Dia.	DN	150	150	150	150	150	200	200
	Water flow	m <sup>3</sup> /h	35	38	41	50	52	58	65
Condenser Type	Type		Shell & tube type						
	Water pressure	kPa	70-90						
	Water pipe Dia.	DN	150	150	150	150	150	200	200
	Water flow	m <sup>3</sup> /h	56	60	66	79	82	92	103
Noise	dB(A)	80.4	81.5	83.1	84.2	85.2	86.3	86.9	
Unit Structure	Horizontal type								
Dimensions (mm)	L	3750	4400	4400	4500	4500	4500	4500	
	W	1500	1500	1500	1700	1700	1700	1700	

	H	1900	1900	1900	2050	2050	2050	2050
Install Dimension (mm)	L1	2735	3435	3435	3435	3435	3435	3435
	W1	1140	1140	1140	1140	1140	1350	1350
Net weight	kg	3750	4000	4200	4400	4800	5000	5500
Running weight	kg	4850	5100	5400	5900	6300	6600	7200
Note:	Cooling conditions:	Chilled water inlet/outlet temperature -5°C/-10°C, cooling water inlet/outlet temperature 30°C/35°C						

## -25°C outlet water R22 screw type water chiller

Unit Model	RLSG-D	460	500	560	620	700	780	880	
Nominal Cooling Capacity	kW	440	474	516	584	658	752	844	
Input Power	kW	252	271.8	297.6	335.2	376.2	418.4	467.6	
Running Current	A	431.8	465.4	507.4	573.2	667.4	732.4	813.2	
Max.Running Current	A	652.8	704.2	769.2	869.2	997.4	1105.4	1210.4	
Power voltage	3-380v-50Hz								
Starting mode	Y-▲								
Refrigerant	R22								
Refrigerant Charge		76	82	88	100	112	128	144	
Refrigerant Control Device	Electronic Expansion Valve(EXV)								
Compressor	Type	Semi-hermetic screw							
	Compressor	Qty	2						
Evaporator	Type	Shell & tube type							
	Water pressure	kPa	<200						
	Water pipe Dia.	DN	200	200	200	200	250	250	250
	Water flow	m <sup>3</sup> /h	76	82	89	100	113	129	145
Condenser Type	Type	Shell & tube type							
	Water pressure	kPa	70-90						
	Water pipe Dia.	DN	200	200	200	200	250	250	250
	Water flow	m <sup>3</sup> /h	119	128	140	158	178	201	226
Noise	dB(A)	87.1	87.3	87.6	88.4	90.1	90.5	90.8	
Unit Structure	Horizontal type								
Dimensions (mm)	L	4500	4500	4550	4550	4550	4550	4550	
	W	1700	1800	1920	1920	1920	1920	1920	
	H	2050	2100	2000	2000	2000	2000	2000	

Install Dimension (mm)	L1	3435	3435	3435	3435	3435	3435	3435
	W1	1350	1350	1350	1750	1780	1780	1780
Net weight	kg	5900	6000	6200	6800	7400	8000	8500
Running weight	kg	7600	7700	7800	8600	9400	9900	10500
Note:	Cooling conditions:	Chilled water inlet/outlet temperature -5°C/-10°C, cooling water inlet/outlet temperature 30°C/						