

R407c Screw type water cooled water chiller (1)

Unit model-RLSG		200C	240C	270C	320C	360C	400C	460C	500C	580C	
Nominal cooling capacity	kW	193	242	266	306	360	394	438	498	558	
Input power	kW	41	49.5	54.3	60.5	70.6	77.2	84.6	98	103.5	
Running current	A	71.4	87	94.4	104.9	122	132.4	143.2	166.1	176.7	
Max.running current	A	91.4	111.6	121.8	135.5	157.9	172.4	188.2	218.1	230.4	
Cable diameter (copper wire)	mm ²	3*35+2*16	3*35+2*16	3*50+2*25	3*50+2*25	3*70+2*35	3*70+2*35	3*95+2*50	3*120+2*50	3*120+2*50	
Power voltage	3-380V-50Hz										
Starting mode	Y-▲										
Refrigerant	R407c										
Refrigerant charge		39	48	53	61	72	79	88	100	112	
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	33	42	46	53	62	68	75	86	96
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	41	52	57	66	77	85	94	107	120
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	1250	1300	1350	1350	1350	1350	1450	1450
	H	1650	1650	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	1700	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								

R407c Screw type water cooled water chiller (2)

Unit model-RLSG		620C	700C	820C	940C	1100C	1200C	1400C	1500C	
Nominal cooling capacity	kW	599	669	794	918	1026	1176	1291	1510	
Input power	kW	115.1	128.5	148	173.2	193.2	221.1	239.2	285.2	
Running current	A	195.1	217.7	248.8	291.0	324.9	384.9	413.6	485.2	
Max.running current	A	256.0	286.0	326.3	382.0	425.8	498.8	538.0	627.1	
Cable diameter (copper wire distance ≤ 20 meters)	mm ²	3*150+2*7 0	3*150+2*7 0	3*185+2*9 5	3*185+2*9 5	3*240+2*1 20	2*(3*150+2*70) 3*300+2*1 50	2*(3*150+2*70) 3*300+2*1 50	2*(3*185+2*95)	
Power voltage	3-380V-50Hz									
Starting mode	Y-▲									
Refrigerant	R407c									
Refrigerant charge	120	134	159	184	205	235	258	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	103	115	137	158	176	202	222	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	129	144	171	197	221	253	278	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 temperature 30°C/35°C							

R407c Screw type water cooled water chiller (1)

Unit model-RLSG		400C	480C	560C	640C	760C	800C	920C	1000C	1160C	
Nominal cooling capacity	kW	386	484	532	612	720	788	876	996	1116	
Input power	kW	82	99	108.6	121	141.2	154.4	169.2	196	207	
Running current	A	142.8	174	188.8	209.8	244	264.8	286.4	332.2	353.4	
Max.running current	A	182.8	223.2	243.6	271	315.8	344.8	376.4	436.2	460.8	
Power voltage	3-380V-50Hz										
Starting mode	Y-▲										
Refrigerant	R407c										
Refrigerant charge		77	97	106	122	144	158	175	199	223	
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	125	150	150	150	150	150
	Water flow	m ³ /h	66	83	92	105	124	136	151	171	192
Condenser type	Type	Shell& tube type									
	Water pressure drop	kPa	70-90								
	Water pipe Dia.	DN	100	125	125	125	150	150	150	150	150
	Water flow	m ³ /h	83	104	114	132	155	169	188	214	240
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	1700	

	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:	illed water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/3								

R407c Screw type water cooled water chiller (2)

Unit model-RLSG		1240C	1400C	1640C	1880C	2200C	2400C	2800C	3000C	
Nominal cooling capacity	kW	1198	1338	1588	1836	2052	2352	2582	3020	
Input power	kW	230.2	257	296	346.4	386.4	442.2	478.4	570.4	
Running current	A	390.2	435.4	497.6	582	649.8	769.8	827.2	970.4	
Max.running current	A	512	572.0	652.6	764.0	851.6	997.6	1076.0	1254.2	
Power voltage		3-380V-50Hz								
Starting mode		Y-▲								
Refrigerant		R407c								
Refrigerant charge		240	268	318	367	410	470	516	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	206	230	273	316	353	405	444	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	258	288	341	395	441	506	555	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 temperature 30°C/35°C							