



Dimensions (mm)	W	1350	1350	1350	1350	1450	1450	1450	1450
	H	1600	1600	1650	1650	1650	1800	1800	1800
Installation dimensions (mm)	L1	2230	2230	2230	2230	2230	2230	2230	2230
	W1	790	790	790	790	880	880	880	880
Net weight	kg	1700	1800	1850	1950	1950	2100	2250	2450
Running weight	kg	2200	2400	2550	2750	2850	3100	3350	3750
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35°C							

## R134a Screw type water cooled water chiller (2)

R134a Screw type water cooled water chiller (2)									
Unit model-RLSG		500A	580A	600A	700A	800A	900A	1000A	
Nominal cooling capacity	kW	505	574	596	700	813	888	1020	
Input power	kW	93.4	102.1	110.9	126.3	146.3	159.4	181.5	
Running current	A	171.2	186.1	201.9	229.4	272.7	291,2	330.1	
Max.running current	A	225.7	246.1	267.1	304	364	393.2	443	
Cable diameter (copper wire)	mm <sup>2</sup>	3*120+2*50	3*150+2*70	3*150+2*70	3*185+2*95	3*185+2*95	3*240+2*120	3*240+2*120	
Power voltage	3-380V-50Hz								
Starting mode	Y-▲								
Refrigerant	R134a								
Refrigerant charge		100	109	119	136	160	178	203	
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	125	125	125	150	150	150	150
	Water flow	m <sup>3</sup> /h	87	99	103	120	140	153	175
Condenser type	Type	Shell& tube type							
	Water pressure	kPa	70-90						
	Water pipe Dia.	DN	125	125	125	150	150	150	150
	Water flow	m <sup>3</sup> /h	109	123	128	151	175	191	219
Noise	dB(A)	87.1	87.3	87.6	88.4	90.1	90.5	90.8	
Unit structure	Horizontal type								
	L	3400	3400	3500	3500	3500	3500	3500	

Dimensions (mm)	W	1450	1600	1600	1600	1600	1600	1600
	H	1800	1800	1850	1850	1850	1950	1950
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	2735	2735
	W1	880	1300	1300	1300	1300	1300	1300
Net weight	kg	2650	2850	3100	3300	3500	3700	4300
Running weight	kg	4050	4350	4450	4700	5000	5400	6000
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35°C						

## R134a Screw type water cooled water chiller (1)

R134a Screw type water cooled water chiller (1)										
Unit model-RLSG		400A	480A	520A	600A	660A	720A	800A	880A	
Nominal cooling capacity	kW	408	472	512	590	658	728	778	882	
Input power	kW	80	92	99.4	111	125.4	135.6	146.2	163	
Running current	A	148.6	170.2	180.8	197.6	225.4	249.6	264	292.8	
Max.running current	A	198.6	228.0	244.0	268.2	303.6	331.0	354.6	394.6	
Power voltage		3-380V-50Hz								
Starting mode		Y-▲								
Refrigerant		R134a								
Refrigerant charge		82	94	102	114	132	142	156	173	
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
	Water flow	m <sup>3</sup> /h	70	81	88	101	113	125	134	152
Condenser type	Type	Shell& tube type								
	Water pressure drop	kPa	70-90							
	Water pipe Dia.	DN	100	125	125	125	150	150	150	150
	Water flow	m <sup>3</sup> /h	88	101	110	127	141	157	167	190
Noise	dB(A)	79.6	80.4	81.5	83.1	84.2	85.2	86.3	86.9	
Unit structure		Horizontal type								
Dimensions (mm)	L	3650	3750	4400	4400	4500	4500	4500	4500	
	W	1500	1500	1500	1500	1700	1700	1700	1700	

	H	1800	1900	1900	1900	2050	2050	2050	2050
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	3435	3435	3435
	W1	1140	1140	1140	1140	1350	1350	1350	1350
Net weight	kg	3100	3750	4000	4200	4400	4800	5000	5500
Running weight	kg	4350	5050	5400	5700	5900	6300	6700	7300
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temp							



	H	2050	2000	2000	2000	2000	2000	2000
Installation dimensions (mm)	L1	3435	3435	3435	3435	3435	3435	3435
	W1	1350	1350	1350	1350	1350	1350	1350
Net weight	kg	5900	6200	6600	7000	7400	8000	8700
Running weight	kg	7600	7900	8400	8800	9200	9800	10700
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35°C						



## R134a Flood screw type water cooled water chiller (1)

R134a Flood screw type water cooled water chiller (1)										
Unit model-RLSG		400AM	480AM	520AM	600AM	660AM	720AM	800AM	880AM	
Nominal cooling capacity	kW	398	492	540	604	654	752	800	880	
Input power	kW	70.8	86.2	93.2	100.6	112.4	126.8	146.2	146.2	
Running current	A	132.6	157.5	171.8	182.4	199.4	227.4	251.6	266.2	
Max.running current	A	174.8	210.0	228.0	244.0	268.2	303.6	331	354.6	
Power voltage		3-380V-50Hz								
Starting mode		Y-▲								
Refrigerant		R134a								
Refrigerant charge		143	166	186	204	228	256	284	301	
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	100	100	125	125	125	150	150	150
	Water flow	m <sup>3</sup> /h	68	85	93	104	112	129	138	151
Condenser type	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	100	100	125	125	125	150	150	150
	Water flow	m <sup>3</sup> /h	86	106	116	130	141	162	172	189
Noise	dB(A)	79.2	79.9	80.4	81.5	83.1	84.2	85.2	85.2	
Unit structure		Horizontal type								
	L	4100	4150	4150	4200	4200	4300	4400	4400	

Dimensions (mm)	W	1600	1600	1600	1600	1600	1600	1680	1680
	H	2100	2100	2100	2100	2100	2100	2100	2150
Installation dimensions (mm)	L1	3435	3435	3435	3435	3435	3435	3435	3435
	W1	1130	1130	1130	1130	1130	1130	1400	1400
Net weight	kg	3500	3700	4200	4500	4700	5300	5500	5700
Running weight	kg	4400	4600	5750	5850	6000	6600	7100	7400
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperat							

## R134a Flood screw type water cooled water chiller (1)

Unit model-RLSG		1000AM	1120AM	1260AM	1360AM	1600AM	1800AM	2000AM	2400AM	
Nominal cooling capacity	kW	984	1132	1252	1356	1584	1800	1984	2240	
Input power	kW	165	189	206.4	224.2	255.6	296	322.4	367.2	
Running current	A	295.4	345.2	375.2	407.2	462.6	550.2	587.8	666.2	
Max.running current	A	394.6	451.4	492.2	534.2	608.0	728.0	786.4	886.0	
Power voltage	3-380V-50Hz									
Starting mode	Y-▲									
Refrigerant	R134a									
Refrigerant charge		343	403	438	490	557	645	706	806	
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	200	200	200	200	200	200
	Water flow	m <sup>3</sup> /h	169	195	215	233	272	310	341	385
Condenser type	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	150	150	200	200	200	200	200	200
	Water flow	m <sup>3</sup> /h	212	243	269	292	341	387	427	482
Noise	dB(A)	86.9	87.1	87.3	87.6	88.4	90.1	90.5	90.8	
Unit structure	Horizontal type									
	L	4500	5000	5000	5000	5000	5300	5300	5800	

Dimensions (mm)	W	1680	1750	2000	2000	2000	2000	2000	2200
	H	2150	2150	2250	2250	2410	2530	2600	2800
Installation dimensions (mm)	L1	3435	4235	4235	4235	4235	4235	4235	4235
	W1	1400	1400	1500	1500	1500	1700	1700	1700
Net weight	kg	5800	6000	6200	6400	7100	8400	9000	10000
Running weight	kg	7600	7800	8000	8200	8900	10200	10800	12000
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperat							

## R134a Falling Film type water cooled water chiller (1)

Unit model-RLSG		200AJ	240AJ	260AJ	300AJ	330AJ	360AJ	400AJ	440AJ
Nominal cooling capacity	kW	189	249	270	302	327	376	400	440
Input power	kW	35.4	43.1	46.6	50.3	56.2	63.4	73.1	73.1
Running current	A	66.3	78.8	85.9	91.2	99.7	113.7	125.8	133.1
Max.running current	A	87.4	105.0	114.0	122.0	134.1	151.8	165.5	177.3
Power voltage	3-380V-50Hz								
Starting mode	Y-▲								
Refrigerant	R134a								
Refrigerant charge		38	46	52	57	63	71	79	84
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	100	100	100	100	100	100	100
	Water flow	m <sup>3</sup> /h	33	43	46	52	56	65	69
Condenser type	Type	Shell& tube type							
	Water pressure	kPa	70-90						
	Water pipe Dia.	DN	100	100	100	100	100	100	100
	Water flow	m <sup>3</sup> /h	41	54	58	65	70	81	86
Noise	dB(A)	79.2	79.9	80.4	81.5	83.1	84.2	85.2	85.2
Unit structure	Horizontal type								
Dimensions (mm)	L	3000	3000	3000	3000	3000	3000	3000	3000
	W	1350	1350	1350	1350	1450	1450	1450	1450

	H	1600	1600	1650	1650	1650	1800	1800	1800
Installation dimensions (mm)	L1	2230	2230	2230	2230	2230	2230	2230	2230
	W1	1155	1155	1155	1155	1310	1310	1310	1310
Net weight	kg	1700	1800	1850	1950	1900	2100	2250	2450
Running weight	kg	2100	2300	2450	2650	2900	3200	3600	3900
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35							

## R134a Falling Film type water cooled water chiller (1)

Unit model-RLSG		500AJ	560AJ	630AJ	680AJ	800AJ	900AJ	1000AJ	1200AJ	
Nominal cooling capacity	kW	492	566	626	678	792	900	992	1120	
Input power	kW	82.5	94.5	103.2	112.1	127.8	148	161.2	183.6	
Running current	A	147.7	172.6	187.6	203.6	231.3	275.1	293.9	333.1	
Max.running current	A	197.3	225.7	246.1	267.1	304.0	364.0	393.2	443	
Power voltage	3-380V-50Hz									
Starting mode	Y-▲									
Refrigerant	R134a									
Refrigerant charge		95	112	122	136	155	179	196	224	
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	100	125	125	125	150	150	150	150
	Water flow	m <sup>3</sup> /h	85	97	108	117	136	155	171	193
Condenser type	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	100	125	125	125	150	150	150	150
	Water flow	m <sup>3</sup> /h	106	122	135	146	170	194	213	241
Noise	dB(A)	86.9	87.1	87.3	87.6	88.4	90.1	90.5	90.8	
Unit structure	Horizontal type									
Dimensions (mm)	L	3000	3400	3400	3500	3500	3500	3500	3500	
	W	1450	1450	1600	1600	1600	1600	1600	1600	

	H	1800	1800	1800	1850	1850	1850	1950	1950
Installation dimensions (mm)	L1	2735	2735	2735	2735	2735	2735	2735	2735
	W1	1310	1400	1400	1400	1400	1400	1400	1600
Net weight	kg	2450	2650	2850	3100	3300	3500	3700	4000
Running weight	kg	4200	4600	5200	5650	5850	6200	6500	6900
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35							



## R134a Falling Film type water cooled water chiller (2)

R134a Falling Film type water cooled water chiller (2)										
Unit model-RLSG		400AJ	480AJ	520AJ	600AJ	660AJ	720AJ	800AJ	880AJ	
Nominal cooling capacity	kW	398	492	540	604	654	752	800	880	
Input power	kW	70.8	86.2	93.2	100.6	112.4	126.8	146.2	146.2	
Running current	A	132.6	157.6	171.8	182.4	199.4	227.4	251.6	266.2	
Max.running current	A	174.8	210.0	228.0	244.0	268.2	303.6	331	354.6	
Power voltage		3-380V-50Hz								
Starting mode		Y-▲								
Refrigerant		R134a								
Refrigerant charge		80	92	103	113	127	142	158	167	
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	100	125	125	125	150	150	150
	Water flow	m <sup>3</sup> /h	68	85	93	104	112	129	138	151
Condenser type	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	100	100	125	125	125	150	150	150
	Water flow	m <sup>3</sup> /h	86	106	116	130	141	162	172	189
Noise	dB(A)	79.2	79.9	80,4	81.5	83.1	84.2	85.2	85.2	
Unit structure		Horizontal type								
Dimensions (mm)	L	3650	3750	4400	4400	4500	4500	4500	4500	
	W	1500	1500	1500	1500	1700	1700	1700	1700	

	H	1800	1900	1900	1900	2050	2050	2050	2050
Installation dimensions (mm)	L1	3435	3435	3435	3435	3435	3435	3435	3435
	W1	1130	1130	1130	1130	1130	1130	1400	1400
Net weight	kg	3100	3750	4000	4200	4400	4800	5000	5500
Running weight	kg	4000	4600	5750	5850	6000	6600	7100	7400
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperature 30°C/35							

## R134a Falling Film type water cooled water chiller (2)

Unit model-RLSG		1000AJ	1120AJ	1260AJ	1360AJ	1600AJ	1800AJ	2000AJ	2400AJ	
Nominal cooling capacity	kW	984	1132	1252	1356	1584	1800	1984	2240	
Input power	kW	165	189	206.4	224.2	255.6	296	322.4	367.2	
Running current	A	295.4	345.2	375.2	407.2	462.6	550.2	587,8	666.2	
Max.running current	A	394.6	451.4	492.2	534.2	608.0	728.0	786.4	886	
Power voltage	3-380V-50Hz									
Starting mode	Y-▲									
Refrigerant	R134a									
Refrigerant charge		190	224	243	272	310	358	392	448	
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	150	150	200	200	200	200	200	200
	Water flow	m <sup>3</sup> /h	169	195	215	233	272	310	341	385
Condenser type	Type	Shell& tube type								
	Water pressure	kPa	70-90							
	Water pipe Dia.	DN	150	150	200	200	200	200	200	200
	Water flow	m <sup>3</sup> /h	212	243	269	292	341	387	427	482
Noise	dB(A)	86.9	87.1	87.3	87.6	88.4	90.1	90.5	90.8	

Unit structure		Horizontal type							
Dimensions (mm)	L	4500	4750	4750	4750	4750	4750	4750	4550
	W	1700	1900	1900	1900	1900	1900	1900	1920
	H	2050	2000	2000	2000	2000	2000	2000	2000
Installation dimensions (mm)	L1	3435	4235	4235	4235	4235	4235	4235	4235
	W1	1400	1400	1500	1500	1500	1700	1700	1700
Net weight	kg	5900	6200	6600	7000	7400	8000	8500	6800
Running weight	kg	7600	7800	8000	8200	8900	10200	10800	12000
Remarks	Cooling conditions:	Chilled water inlet/outlet temperature 12°C/7°C, cooling water inlet/outlet temperatu							