

R407c Dry type water source heat pump

Unit model	LSG-CR	200	260	280	320	380	420	460	540	580	640	720	820	960	1100	1260	1400	1600
Nominal cooling capacity	kW	205	253	278	308	365	406	448	523	554	618	692	802	944	1056	1224	1330	1610
Input power	kW	37.2	44.9	49.3	54.9	64.1	70.1	76.8	89	94	105	117	134	157	175	201	217	259
Nominal heating capacity	kW	228	284	313	352	414	454	498	577	610	680	762	885	1035	1158	1330	1517	1758
Running current	A	50	60.4	67.2	73.8	86.1	94.2	103	120	126	####	####	####	####	####	####	####	####
Max.running curren	A	110	133	146	163	190	209	227	263	277	308	345	396	464	517	597	645	752
Power voltage	3N-380V-50HZ																	
Refrigerant	R407C																	
Refrigerant charge	41	51	56	62	73	81	90	105	111	124	138	160	189	211	245	266	322	
Refrigerant control device	Electronic expansion valve (EXV)																	
Compressor Type	Type	Semi-hermetic screw																
	Qty	1																
Evaporator	Type	Shell & tube type																
	Water pressure drop (kPa)	70-90																
	Water pipe Dia (DN)	80	80	100	100	100	100	125	125	125	150	150	150	150	150	200	200	200
	Chilled Water (m ³ /h)	35	44	48	53	63	70	77	90	95	106	119	138	162	182	211	229	277

	Well Water (m ³ /h)	21	26	29	32	38	42	46	54	57	64	71	83	97	109	126	137	166
Condenser Type	Type	Shell & tube type																
	Water pressure drop (kPa)	70-90																
	Water pipe Dia (DN)	80	80	100	100	100	100	125	125	125	150	150	150	150	150	200	200	200
	Hot Water (m ³ /h)	35	44	48	53	63	70	77	90	95	106	119	138	162	182	211	229	277
	Well Water (m ³ /h)	21	26	29	32	38	42	46	54	57	64	71	83	97	109	126	137	166
Noise	dB(A)	78.4	79	79.2	79.6	80.4	81.5	83.1	84.2	85.2	86.3	86.6	87.1	87.6	88.4	89.2	90	91
Unit structure		Horizontal type																
Dimensions	L	3000	3000	3000	3000	3000	3000	3000	3400	3400	3500	3500	3500	3600	3600	4200	4200	4200
	W	1250	1250	1300	1350	1350	1350	1350	1450	1450	1500	1500	1500	1600	1600	1640	1640	1700
	H	1650	1650	1650	1650	1800	1800	1800	1800	1800	2000	1850	1850	1950	1950	1900	1900	1900
Install dimension (mm)	L1	2230	2230	2230	2230	2230	2230	2230	2735	2735	2735	2735	2735	2735	2735	3435	3435	3435
	W1	790	790	790	790	880	880	880	880	880	1300	1300	1300	1300	1300	1350	1350	1350
Net weight	kg	1600	1650	1700	1700	1900	2100	2300	2400	2600	2800	3100	3400	3700	4000	4300	4600	5200
Runing weight	kg	1900	2000	2100	2300	2450	2550	2850	2950	3200	3400	3800	4600	5200	5600	6000	6500	6900

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Unit model	LSG-CR	400	480	560	640	760	800	920	1000	1160	1280	1440	1640	1880	2200	2400	2800	3200
Nominal cooling capacity	kW	410	506	556	616	730	812	896	1046	1108	1236	1384	1604	1888	2112	2448	2660	3220
Input power	kW	74.4	89.8	98.6	110	128	140	154	178	188	209	233	269	315	351	402	434	518
Nominal heating capacity	kW	456	568	626	704	828	908	996	1154	1220	1360	1524	1770	2070	2316	2660	3034	3516
Running current	A	100	121	134	148	172	188	206	239	252	281	314	361	423	471	540	584	696
Max.running current	A	219	266	292	325	380	417	454	525	554	617	689	792	927	1033	1193	1290	1504
Power voltage	3N-380V-50HZ																	
Refrigerant	R407C																	
Refrigerant charge	82	101	111	123	146	162	179	209	222	247	277	321	378	422	490	532	644	
Refrigerant control device	Electronic expansion valve (EXV)																	
Compressor Type	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	200	200	200	200	200	250	250	250
	Chilled Water (m ³ /h)	71	87	96	106	126	140	154	180	191	213	238	276	325	363	421	458	554
	Well Water (m ³ /h)	42	52	57	63	75	84	92	108	114	127	143	165	194	218	252	274	332
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	200	200	200	200	200	250	250	250
	Hot Water (m ³ /h)	71	87	96	106	126	140	154	180	191	213	238	276	325	363	421	458	554

	Well Water (m ³ /h)	42	52	57	63	75	84	92	108	114	127	143	165	194	218	252	274	332
Noise	dB(A)	78.4	79	79.2	79.6	80.4	81.5	83.1	84.2	85.2	86.3	86.6	87.1	87.6	88.4	89.2	90	91
Unit structure		Horizontal type										Horizontal type						
Dimensions	L	3650	3650	3650	3650	3750	4400	4400	4500	4500	4500	4500	4500	4550	4550	4550	4550	4550
	W	1400	1400	1400	1500	1500	1500	1500	1700	1700	1700	1700	1700	1920	1920	1920	1920	1920
	H	1600	1600	1600	1800	1900	1900	1900	2050	2050	2050	2050	2050	2000	2000	2000	2000	2000
Install dimension (mm)	L1	2735	2735	2735	2735	2735	3435	3435	3435	3435	3435	3435	3435	3435	3435	3435	3435	3435
	W1	1000	1000	1000	1035	1140	1140	1140	1140	1140	1350	1350	1350	1350	1750	1780	1780	1780
Net weight	kg	2600	2800	3000	3100	3750	4000	4200	4400	4800	5000	5500	5900	6200	6800	7400	8000	8500
Runing weight	kg	3150	3400	3700	4000	4750	5000	5300	5800	6200	6500	7100	7500	7700	8400	9200	9700	####

