

# 1/5HP, Refrigerator, Samsung, Compressor, R134A, 220-240V, SD162Q-L1UA, PTC-RSCR, 6.16CC

written by Lilianne | 19 December 2020



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Model No.: SD162Q-L1UA

Test condition: ASHARE

Evaporating Temperature: -23.3° C

Condensing Temperature: 54.4° C

Displacement: 6.16CC/ Rev

Oil: 180CC

Motor type: PTC-RSCR

Nominal voltage range: 187V~276V at 50Hz

Characteristics:

1. Strong load capacity
2. High efficiency & reliability
3. Reliable starting performance
4. Low noise

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RATED VOLTAGE	MODEL	VOLTAGE VOLT-HZ	MOTOR TYPE	DISPL (cc)	HEIGHT (mm)	ASHRAE						COOLING TYPE	
						COOLING CAPACITY -23.3 °C			POWER INPUT W	EFFICIENCY (-23.3 °C)			
						Kcal/Hr	Watt	BTU/Hr		EFF	COP		EER
AC 110V/50-60Hz	CD124E-L1Z2	100-60	RSIR	2.40	157	43	50	171	68	0.83	0.74	2.51	ST
	CD130E-L1Z2	100-60	RSIR	2.93	157	58	67	230	76	0.76	0.89	3.04	ST
	SD137E-L1U2	100-60	RSCR	3.71	166	72	84	286	91	0.79	0.92	3.14	ST
	SD152E-L1W2	100-60	CSR	5.21	171	87	101	345	99	0.88	1.02	3.49	ST
	SD162E-L1W2	100-60	CSR	6.16	175	117	136	464	111	1.05	1.23	4.18	ST
	DD137-L1U2	100-60	RSCR	3.71	166	135	157	536	121	1.12	1.30	4.43	ST
	MD152E-L1U2	100-60	RSCR	5.21	171	144	168	572	141	1.02	1.19	4.06	ST
	MD162E-L1U2	100-60	RSCR	6.16	175	170	198	676	147	1.16	1.35	4.60	ST
	SK170E-L2W	100-60	CSR	6.99	189	80	93	317	85	0.94	1.09	3.73	FC
	SK182E-L2W	100-60	CSR	8.19	189	96	111	380	90	0.97	1.12	3.84	FC
	DK182E-L2U	100-60	RSCR	8.19	189	118	137	468	103	1.15	1.33	4.55	FC
	DK190E-L2U	100-60	RSCR	9.07	189	143	166	568	118	1.21	1.41	4.81	FC
	MK172E-L2U	100-60	RSCR	7.21	189	143	166	568	116	1.23	1.43	4.89	ST
						182	212	723	141	1.29	1.50	5.12	ST
						168	195	667	149	1.13	1.31	4.48	FC
						206	240	818	170	1.21	1.41	4.81	FC
						203	236	806	188	1.08	1.26	4.29	FC
						239	278	950	196	1.22	1.42	4.85	FC
						203	236	806	161	1.26	1.47	5.01	FC
						256	298	1016	191	1.34	1.56	5.32	FC
					230	267	913	180	1.28	1.49	5.07	FC	
					280	326	1112	209	1.34	1.56	5.32	FC	
					181	210	719	140	1.29	1.50	5.13	ST	
					225	263	897	162	1.40	1.62	5.54	ST	

Samsung compressors are imported in Europe by: Procold S.r.l. - Italy  
www.samsung-compressors.com www.procold.it

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Rated voltage	Item No.	Description	ASHARE					Cooling Type	Motor Type
			Capacity at 50Hz		COP (W/W) at 50Hz	Current (A) at 50Hz	Power Input (W)		
			W	Btu					
AC 220-240V/ 50Hz	MSA141Q-S1A	Refrigerator Compressor R134a LBP	122	416	1.27	0.67	96	Static	PTC-RSIR
	MSA143Q-S1Z		112	381	1.34	0.69	83	Static	PTC-RSIR
	SD151Q-L1UB		140	478	1.27	0.52	110	Static	RSCR
	SD162Q-L1UA		170	580	1.36	0.59	125	Static	PTC-RSCR
	MSA170Q-L1B		201	686	1.56	0.63	129	Static	RSCR
AC 200-220V/ 50Hz or 220V/ 60Hz	SD152H-S1UB	Refrigerator Compressor R134a LBP	134	457	1.17	0.66	114	Static	RSCR
	SD162H-L1UB		170	580	1.22	0.82	139	Static	PTC-RSCR
	MSA170H-L1B		201	686	1.43	0.87	141	Static	RSCR

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AC 220-240V-50Hz, 220V-60Hz	MSS151G-L1U	RSCR	220-50	125	145	496	90	1.39	1.61	5.51	ST
			220-60	152	177	603	107	1.42	1.65	5.64	
	MSA151G-L1B	RSCR	220-50	125	145	496	96	1.30	1.51	5.17	ST
			220-60	152	177	603	114	1.33	1.55	5.29	
	MSA162G-L1B	RSCR	220-50	151	176	599	119	1.27	1.48	5.04	ST
			220-60	187	217	742	140	1.34	1.55	5.30	
	MSS170G-L1U	RSCR	220-50	178	207	707	124	1.44	1.67	5.70	ST
			220-60	222	258	881	151	1.47	1.71	5.84	
	MK183G-L2U	RSCR	220-50	203	236	806	149	1.36	1.58	5.41	FC
220-60			258	300	1024	179	1.44	1.68	5.72		
MK190G-L2U	RSCR	220-50	225	262	893	168	1.34	1.56	5.32	FC	
		220-60	285	331	1131	200	1.43	1.66	5.66		
AC 220-240V-50Hz	CD124Q-L1Z2	RSIR	220-50	43	50	171	57	0.75	0.88	2.99	ST
	CD130Q-L1Z2	RSIR	220-50	58	67	230	65	0.89	1.04	3.54	ST
	CD130Q-S1ZA	RSIR	220-50	58	67	230	74	0.78	0.91	3.11	ST
	CD137Q-S1U2	RSCR	220-50	72	84	286	80	0.90	1.05	3.57	ST
	SD137Q-L1ZB	RSIR	220-50	75	87	298	86	0.87	1.01	3.46	ST
	SD137Q-L1UB	RSCR	220-50	75	87	298	80	0.94	1.09	3.72	ST
	SD143Q-L1U2	RSCR	220-50	95	110	377	99	0.96	1.12	3.81	ST
	MSA143Q-S1Z	RSIR	220-50	96	112	381	83	1.16	1.34	4.59	ST
	SD152Q-L1UB	RSCR	220-50	120	140	476	104	1.15	1.34	4.58	ST
	MD152Q-L1U2	RSCR	220-50	118	137	468	98	1.20	1.40	4.78	ST
	SD162Q-L1UB	RSCR	220-50	146	170	580	125	1.17	1.36	4.64	ST