

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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R134a LBP compressors

ASHRAE CONDITIONS (LBP)
 Evaporating Temp: -23.3°C (-10°F)
 Condensing Temp: 54.4°C (130°F)
 Gas Superheated to: 32.2°C (90°F)
 Liquid sub-cooled to: 32.2°C (90°F)
 Ambient Temp.: 32.2°C (90°F)

COOLING TYPE
 FC : Fan cooling
 OC : Oil cooling

UNIT CONVERSION TABLE
 W x 0.86 = Kcal/Hr
 W x 3.415 = BTU
 Kcal/Hr x 1.163 = W
 Kcal/Hr x 3.968 = BTU
 BTU x 0.293 = Kcal/Hr
 BTU x 0.293 = W



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	100-50	RSIR	2.40	157	43	50	171	68	0.83	0.74	2.51	ST
		100-60				52	60	206	68	0.76	0.89	3.04	
		100-50				58	67	230	76	0.76	0.89	3.03	
	CD130E-L1Z2	100-60	RSIR	2.93	157	70	81	278	79	0.89	1.03	3.52	ST
		100-50				72	84	286	91	0.79	0.92	3.14	
	SD137E-L1U2	100-60	RSCR	3.71	166	87	101	345	99	0.88	1.02	3.49	ST
	SD152E-L1W2	100-50	CSR	5.21	171	117	136	464	111	1.05	1.23	4.18	ST
		100-60				135	157	536	121	1.12	1.30	4.43	
	SD162E-L1W2	100-50	CSR	6.16	175	144	168	572	141	1.02	1.19	4.06	ST
		100-60				170	198	676	147	1.16	1.35	4.60	
	DD137-L1U2	100-50	RSCR	3.71	166	80	93	317	85	0.94	1.09	3.73	ST
		100-60				96	111	380	90	0.97	1.12	3.84	
	MD152E-L1U2	100-50	RSCR	5.21	171	118	137	468	103	1.15	1.33	4.55	ST
		100-60				143	166	568	118	1.21	1.41	4.81	
	MD162E-L1U2	100-50	RSCR	6.16	175	143	166	568	116	1.23	1.43	4.89	ST
	SK170E-L2W	100-50	CSR	6.99	189	168	195	667	149	1.13	1.31	4.48	FC
		100-60				206	240	818	170	1.21	1.41	4.81	
	SK182E-L2W	100-50	CSR	8.19	189	203	236	806	188	1.08	1.26	4.29	FC
		100-60				239	278	950	196	1.22	1.42	4.85	
	DK182E-L2U	100-50	RSCR	8.19	189	182	212	723	141	1.29	1.50	5.12	FC
		100-60				256	298	1016	191	1.34	1.56	5.32	
	DK190E-L2U	100-50	RSCR	9.07	189	230	267	913	180	1.28	1.49	5.07	FC
		100-60				280	326	1112	209	1.34	1.56	5.32	
	MK172E-L2U	100-50	RSCR	7.21	189	181	210	719	140	1.29	1.50	5.13	ST
100-60		226				263	897	162	1.40	1.62	5.54		

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

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1/5HP Refrigerator Compressor R134A 220-240V



Price : **US \$ 28/ Piece**
 Payment Terms : **L/C, T/T, Western Union**
 Trade Terms : **FOB**
 Production Capacity : **6, 000, 000PCS/ Year**
 Packing Details : **by Pallet**
 Refrigerant Gas : **R134A**
 Main Markets : **Global**
 Place of Origin : **china**
 Category : **Refrigerators**



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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

