

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

written by Lilianne | 19 December 2020



Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

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

v id="StyleTableProd">

Mbsm\_dot\_pro\_private\_PDF\_qdoc.tips\_catalogo-compresores-samsungpdfTélécharger



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		EFFICIENCY (-23.3 °C)			
						Kcal/Hr	Watt	BTU/Hr	W	Kcal/Hr	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			
	100-60	87				101	345	99	0.88	1.02	3.49			
	SD137E-L1U2	100-50	RSCR	3.71	166	117	136	464	111	1.05	1.23	4.18	ST	
	100-60	135				157	536	121	1.12	1.30	4.43			
	100-50	144				168	572	141	1.02	1.19	4.06			
	SD152E-L1W2	100-50	CSR	6.16	175	170	198	676	147	1.16	1.35	4.60	ST	
	100-60	80				93	317	85	0.94	1.09	3.73			
	100-50	96				111	380	90	0.97	1.12	3.84			
	DD137-L1U2	100-50	RSCR	3.71	166	118	137	468	103	1.15	1.33	4.55	ST	
	100-60	143				166	568	118	1.21	1.41	4.81			
	100-50	143				166	568	116	1.23	1.43	4.89			
	MD162E-L1U2	100-50	RSCR	6.16	175	182	212	723	141	1.29	1.50	5.12	ST	
	100-60	168				195	667	149	1.13	1.31	4.48			
	100-50	206				240	818	170	1.21	1.41	4.81			
	SK170E-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			
100-50	203	236				806	161	1.26	1.47	5.01				
DK182E-L2U	100-50	RSCR	8.19	189	256	298	1016	191	1.34	1.56	5.32	FC		
100-60	230				267	913	180	1.28	1.49	5.07				
100-50	280				326	1112	209	1.34	1.56	5.32				
DK190E-L2U	100-50	RSCR	9.07	189	181	210	719	140	1.29	1.50	5.13	FC		
100-60	225				263	897	162	1.40	1.62	5.54				
100-50	280				326	1112	209	1.34	1.56	5.32				
MK172E-L2U	100-50	RSCR	7.21	189	225	263	897	162	1.40	1.62	5.54	ST		
100-60	280				326	1112	209	1.34	1.56	5.32				
100-50	280				326	1112	209	1.34	1.56	5.32				

Samsung compressors are imported in Europe by: Procold S.r.l. - Italy  
[www.samsung-compressors.com](http://www.samsung-compressors.com) [www.procold.it](http://www.procold.it)

Private Picture Copyright : WWW.MBSM.PRO

### 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**



Private Picture Copyright : WWW.MBSM.PRO





1) Compressor model identification

NUMBER	MEANING
① Series	CD, SD, MD, SK, MK, HK, MSS, MSA, MSE, ENV, MKV, MSV
② Refrigerant	1 : R 134a (LBP) 4 : R 600a (LBP) 6 : R 134a (HBP)
③ Displacement (cc/Rev.) x 10	24 : 2.40cc, 30 : 2.93cc, 37 : 3.71cc, 43 : 4.38cc, 50 : 5.21cc, 51 : 5.12cc, 52 : 5.21cc, 60 : 6.16cc, 62 : 6.16cc, 70 : 6.99cc, 72 : 7.21cc, 80 : 8.19cc, 82 : 8.19cc, 83 : 8.19cc, 88 : 8.80cc, 90 : 9.07cc, A1 : 10.68cc, A2 : 12.13cc, A3 : 12.52cc, A5 : 15.32cc
④ Rated voltage and frequency	B : 220V ~ 60Hz C : 115V ~ 60Hz D : 115-127V ~ 60Hz E : 100V ~ 50/60Hz G : 220-240V ~ 50Hz, 220V ~ 60Hz H : 200-220V ~ 50Hz, 220V ~ 60Hz K : 200-220V ~ 50Hz P : 127V ~ 60Hz Q : 220-240V ~ 50Hz A : variable for BLDC
⑤ Application	L/R/S : Low Back Pressure H : High Back Pressure
⑥ Cooling type	0 : Oil cooling 1 : Static 2 : Fan cooling
⑦ Motor type	B/C/X : BLDC S : PTC or Current-CSIR U : PTC-RSCR (Optional RSIR) W : PTC-CSR Y : Current-RSIR Z : PTC-RSIR
⑧ Option	

