

Mbsm.pro, Compressor, Samsung,
MSV162AL1J/TS, MSV162, MSV162A-L1B,
Compressor Inverter, Block DC,
1200/4000 RPM, 70/244 W, 238/834 BTU,
Lnb, 1/3 hp, R134A, Blcd

Category: compressor

written by Lilianne | 30 January 2022



SAMSUNG

MSV162A-1J TB2

160-260V-60-200Hz
RoHS Compliance



THERMALLY PROTECTED
4173C3CHA03887

MADE IN KOREA



famous brand

Our company is the agent of eminent brand compressor which includes GMCC, LG, SAMSUNG, SANYO, DAIKIN, providing the best performance compressors.

Variety model

In order to offer you a range of different products of air conditioning compressor and refrigeration compressor, our range covers single, twin, two stage rotary compressor and low pressure and high pressure of scroll compressor. It enables to provide you with complete support in every application of your needs.

Quality

With product quality and safety evaluation system that implements basic quality and safety evaluation of products at every production stage. Under the quality gate system, all of our products are subject to safety checks in each quality section on the basis of reference, to prevent shipments of products with quality and safety issues.

We have also achieved quality and sustainability recognition from Europe, North America, China and Japan.

Customer Support

We promise to deliver a satisfactory level to all phases of your business that exceeds our customers' expectations, and strive to provide the highest value to our customers through prompt, accurate and outstanding service and solution as your business partner.

Rated voltage	Model	Effort [V-Hertz]	Run RPM	ASHRAE Cooling capacity		Enter IN	efficiency			cooling type			
				kcal/hour watt	BTU/h		CLEAR kcal/watt hour	policeman W / W	HONOR BTU/watt-hour				
BLDC 115V ~ 60HZ	MKV172C-L2J 115-60	1800	1800	110	128	437	72	1.53	1.78	6.07	heart rate		
		2200	2200	135	157	536	90	1.5	1.74	5.96			
		2880	2880	176	205	699	120	1.47	1.71	5.82			
		3480	3480	212	247	842	151	1.4	1.63	5.57			
		3600	3600	223	259	885	160	1.39	1.62	5.53			
	MKV190C-L2B 115-60	1800	1800	146	170	580	89	1.64	1.91	6.51	heart rate		
		2200	2200	174	202	691	107	1.63	1.89	6.46			
		2880	2880	227	264	901	145	1.57	1.82	6.22			
		3480	3480	274	319	1088	186	1.47	1.71	5.85			
		3600	3600	294	342	1167	200	1.47	1.71	5.84			
		MKV190C-L2J 115-60	1800	1800	146	170	580	93	1.57	1.83		6.23	heart rate
			2200	2200	174	202	691	113	1.54	1.79		6.11	
			2880	2880	227	264	901	152	1.49	1.74		5.93	
			3480	3480	274	319	1088	195	1.41	1.63		5.58	
			3600	3600	294	342	1167	210	1.4	1.63		5.56	
BLDC 220-240V ~ 50HZ, 220V ~ 60HZ	MKV172G-L2J 220-60	1800	1800	110	128	437	72	1.53	1.78	6.07	heart rate		
		2200	2200	135	157	536	90	1.5	1.74	5.96			
		2880	2880	176	205	699	120	1.47	1.71	5.82			
		3480	3480	212	247	842	151	1.4	1.63	5.57			
		3600	3600	223	259	885	160	1.39	1.62	5.53			
	MKV190G-L2B 220-60	1800	1800	146	170	580	89	1.64	1.91	6.51	heart rate		
		2200	2200	174	202	691	107	1.63	1.89	6.46			
		2880	2880	227	264	901	145	1.57	1.82	6.22			
		3480	3480	274	319	1088	186	1.47	1.71	5.85			
		3600	3600	294	342	1167	200	1.47	1.71	5.84			
		MKV190G-L2J 220-60	1800	1800	146	170	580	93	1.57	1.83		6.23	heart rate
			2200	2200	174	202	691	113	1.54	1.79		6.11	
			2880	2880	227	264	901	152	1.49	1.74		5.93	
			3480	3480	274	319	1088	195	1.41	1.63		5.58	
			3600	3600	294	342	1167	210	1.4	1.63		5.56	

			1200	45	52	179	31	1.45	1.69	5.76	
	*		2000	76	88	302	50	1.52	1.77	6.03	
	NC1MV43ALP	220-60	3000	112	130	445	76	1.47	1.71	5.85	ST
			4300	146	170	580	110	1.33	1.54	5.27	
			1200	45	52	179	32	1.41	1.64	5.58	
	*		2000	76	88	302	51	1.49	1.73	5.92	
	NC1MV43ALR	220-60	3000	112	130	445	78	1.44	1.67	5.7	ST
			4300	146	170	580	112	1.3	1.52	5.18	
			1200	65	76	258	41	1.59	1.84	6.29	
	*		2000	111	129	441	69	1.61	1.87	6.39	
	NC1MV60ALP	220-60	3000	158	184	627	102	1.55	1.8	6.15	ST
			4300	211	245	838	143	1.48	1.72	5.86	
			1200	65	76	258	42	1.55	1.8	6.14	
	*		2000	111	129	441	71	1.56	1.82	6.21	
	NC1MV60ALR	220-60	3000	158	184	627	104	1.52	1.77	6.03	ST
			4300	211	245	838	145	1.46	1.69	5.78	
			1400	80	93	318	56	1.43	1.66	5.67	
	MSV162A-L1J	220-60	2000	105	122	417	70	1.5	1.74	5.96	
			3000	155	180	615	105	1.48	1.72	5.86	ST
			4000	210	244	834	143	1.47	1.71	5.83	
			1200	60	70	238	43	1.4	1.62	5.54	
	MSV162A-L1B	220-60	2000	105	122	417	68	1.54	1.8	6.13	
			3000	155	180	615	103	1.5	1.75	5.97	ST
			4300	225	262	893	160	1.41	1.64	5.58	
			1200	80	93	318	51	1.57	1.82	6.23	
	NC1MV72ALP	220-60	2000	137	159	544	84	1.63	1.9	6.47	
			3000	193	224	766	125	1.54	1.8	6.13	ST
			4300	270	314	1072	182	1.48	1.73	5.89	
			1200	80	93	318	52	1.54	1.79	6.11	
	BLDC 200-240V ~ 50HZ, 220V ~ 60HZ	*	2000	137	159	544	86	1.59	1.85	6.32	
	NC1MV72ALR	220-60	3000	193	224	766	127	1.52	1.77	6.03	ST
			4300	270	314	1072	185	1.46	1.7	5.79	
			1200	67	78	266	50	1.34	1.56	5.32	
	MSV172A-L1B	220-60	2000	123	143	488	79	1.56	1.81	6.18	
			3000	192	223	762	125	1.54	1.79	6.1	ST
			4300	256	298	1016	188	1.36	1.58	5.41	
			1200	90	105	357	59	1.53	1.77	6.06	
	NC1MV82ALP	220-60	1700	135	157	536	83	1.63	1.89	6.46	
			3000	221	257	877	143	1.55	1.8	6.14	ST
			4300	307	357	1219	209	1.47	1.71	5.83	
			1200	90	105	357	61	1.48	1.72	5.86	
	*		1700	135	157	536	85	1.59	1.85	6.31	
	NC1MV82ALR	220-60	3000	221	257	877	146	1.51	1.76	6.01	ST
			4300	307	357	1219	213	1.44	1.68	5.72	

Note: * It is under advanced model

FC cooling type

: OC cooling fan:

ST cooling oil: constant

ASHRAE conditions (LBP)

receding temperature. : -23.3 ° (-10 °)

condensing heat. : 54.4 ° (130 °)

gas roasted to: 32.2 ° (90 °)

liquid to sub-cool is: 32.2 ° (90 °)

ambient temperature. : 32.2 ° (90 °)

UNIT Convert Table

1 watt = 3.41 Btu/hr

1 watt = 0.86 kcal/hr

1 kcal/hr = 3.97 Btu/hr



SAMSUNG MSV162A-1J TB2

160-260V~60-200Hz
RoHS Compliance

THERMALLY PROTECTED
4173C3CHA03887


R-34a
MADE IN KOREA



200-240V-50Hz, 220V-60Hz	*NC1M60ALR	220-60	4,300	211	245	838	143	1.48	1.72	5.86	ST (Ver.02)
			1,200	65	76	258	42	1.55	1.80	6.14	
			2,000	111	129	441	71	1.56	1.82	6.21	
			3,000	158	184	627	104	1.52	1.77	6.03	
			4,300	211	245	838	145	1.46	1.69	5.78	
	MSV162A-L1J	220-60	1,200	60	70	238	44	1.36	1.59	5.41	ST (Ver.01)
			2,000	105	122	417	70	1.50	1.74	5.96	
			3,000	155	180	615	105	1.48	1.72	5.86	
			4,000	210	244	834	143	1.47	1.71	5.83	
	MSV162A-L1B	220-60	1,200	60	70	238	43	1.40	1.62	5.54	ST (Ver.01)
			2,000	105	122	417	68	1.54	1.80	6.13	
			3,000	155	180	615	103	1.50	1.75	5.97	
			4,000	210	244	834	141	1.49	1.73	5.91	
	MSV172A-L2J	220-60	1,200	67	78	266	53	1.26	1.47	5.02	FC (Ver.01)
			2,000	123	143	488	82	1.50	1.74	5.96	
			3,000	192	223	762	129	1.49	1.73	5.91	
			4,300	256	298	1,016	200	1.28	1.49	5.08	
	MSV172A-L1B	220-60	1,200	67	78	266	50	1.34	1.56	5.32	ST (Ver.01)
			2,000	123	143	488	79	1.56	1.81	6.18	
			3,000	192	223	762	125	1.54	1.79	6.10	
4,300			256	298	1,016	188	1.36	1.58	5.41		



Private Picture Copyright : WWW.MBSM.PRO

Ver. 01 Series | CD, MSS, MSA, MSE, ENV, MSV

MSS **1** **43** **C** — **L** **1** **B**

Series

Refrigerant

1	R134a LBP
4	R600a LBP
6	R134a HBP
7	R134a DBP

Displacement (cc/rev)

24-90	2.4-9.0cc
10-15	10.0-15.0cc
A0-A5	10.0-15.0cc

Rated Voltage & Frequency

A	BLDC
B	220V - 60Hz
C	115V - 60Hz
D	115-127V - 60Hz
E	100V - 50/60Hz, 110V - 60Hz
F	220V - 50Hz
G	220-240V - 50Hz, 220V - 60Hz
H	200-220V - 50Hz, 220V - 60Hz
J	110-127V - 60Hz, 100V - 50Hz
K	200-220V - 50Hz
P	127V - 60Hz
Q	220-240V - 50Hz
S	200-230V - 50Hz
X	220V - 50Hz

Application

L	LBP (Low Starting Torque)
H	HBP (Low Starting Torque)
T	Tropical
M	MBP
S	High Starting Torque
R	High Efficiency
D	DBP (Dehumidifier)

Cooling Type

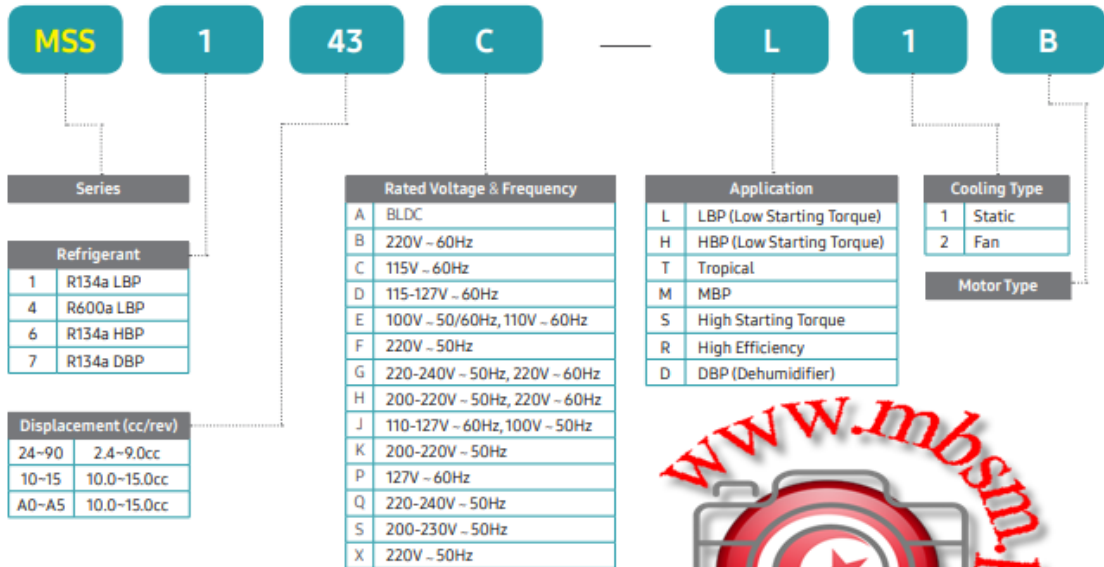
1	Static
2	Fan

Motor Type



Private Picture Copyright : WWW.MBSM.PRO

Ver. 01 Series | CD, MSS, MSA, MSE, ENV, MSV



Private Picture Copyright : WWW.MBSM.PRO

Mbsm_dot_pro_private_PDF_SAMSUNG-Compressor-Catalogue-2018-1Télécharger
Mbsm_dot_pro_private_PDF_samsung