

COMPRESSEUR ZEL , 200w , HDL200A, R600a, LBP , 1/4 hp

written by Lilianne | 1 April 2020



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Model	Motor	Disp.	Power	Motor type	Freq.	Cooling capacity	Input power	Input power (RC)	COP	COP (RC)	Run capacitor	Height	Netweight
GDL145D	Cu	4.4	1/8	RSIR/RSCR	60	145	94	87	1.55	1.67	10	161	7.3
GDL175D	Cu	5.3	1/6	RSIR/RSCR	60	175	112	106	1.56	1.65	10	161	7.3
GML140A	Al	4.9	1/6	RSIR	50	140	112	0	1.25	0	0	152	6.3
GML160A	Al	5.7	1/6	RSIR	50	160	128	0	1.25	0	0	161	6.9
GML180A	Al	6.5	1/5	RSIR	50	180	144	0	1.25	0	0	161	7.1
GML200A	Al	7	1/5	RSIR	50	200	160	0	1.25	0	0	164	7.3
GML145D	Al	4.4	1/7	RSIR/RSCR	60	145	97	92	1.5	1.57	10	164	7.1
GML175D	Al	4.9	1/6	RSIR/RSCR	60	175	118	112	1.48	1.56	10	164	7.1
GPL175D*	Cu	4.9	1/7	CSCR	60	175		97		1.8	10	161	7.6
GXL175D	Cu	4.9	1/7	RSCR	60	175		101		1.73	10	164	7.6

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TECHNICAL CHARACTERISTICS

SCHEME COMPRESSORS

OF

ELECTRIC DIAGRAMS

ASSEMBLY

TECHNICAL SCHEMES

Model	Motor	Speed range	Displ., cm ³	Motor type	Freq. hz	Cooling Capacity, w -23.3 °C/(+7.2 °C)*	Input Power, BT		COP, w/w		Run Capacitor, µF	Height, mm	Net Weight, kg	Type of cooling, S/F
							without RC	with RC	without RC	with RC				
HDL100A	Al	-	5,7	RSCR	50	98	-	60	-	1,64	2,5	161	6,9	-
HDL100A(I)	Cu/Al	-	5,7	RSCR	50	98	-	57	-	1,72	2,5	164	7,2	-
HDL125A	Al	-	7,0	RSCR	50	123	-	72	-	1,70	2,5	164	7,2	-
HDL125A (I)	Cu/Al	-	7,0	RSCR	50	123	-	69	-	1,79	2,5	164	7,2	-
HDL140A	Al	-	8,0	RSCR	50	140	-	80	-	1,74	2,5	164	7,2	-
HDL160A	Al	-	9,2	RSCR	50	160	-	90	-	1,77	3	164	7,2	-
HDL170A	Al	-	9,5	RSCR	50	172	-	101	-	1,70	4	164	7,2	-
HDL190A	Cu/Al	-	10,5	RSCR	50	185	-	106	-	1,75	4	164	7,2	-
HDL200A	Cu/Al	-	12,0	RSCR	50	200	-	118	-	1,70	4	164	7,2	-
HDL80A	Al	-	4,9	RSCR	50	80	-	49	-	1,62	2	161	6,9	-
HML100A	Al	-	5,7	RSCR	50	98	-	71	-	1,39	2	152	6,3	-
HML125A	Al	-	7,0	RSCR	50	125	-	83	-	1,45	2	152	6,3	-
HML140A	Al	-	8,0	RSCR	50	140	-	90	-	1,56	3	152	6,3	-
HML170A	Al	-	9,5	RSCR	50	165	-	114	-	1,45	3	161	6,9	-
HML200A	Al	-	12,0	RSCR	50	200	-	138	-	1,45	4	164	7,2	-
HML80A	Al	-	4,9	RSCR	50	80	-	55	-	1,45	2	152	6,3	-
HPL100A	Cu	-	5,7	CSCR	50	100	-	51	-	1,96	2	161	7,3	-
HPL125A	Cu	-	7,0	CSCR	50	125	-	64	-	1,96	2	161	7,3	-
HPL140A	Cu	-	8,0	CSCR	50	145	-	74	-	1,95	2	161	7,3	-
HXL100A	Cu	-	5,7	RSCR	50	98	-	52	-	1,87	2	161	7,3	-
HXL125A	Cu	-	7,0	RSCR	50	123	-	65	-	1,90	2	161	7,3	-
HXL140A	Cu	-	8,0	RSCR	50	140	-	73	-	1,91	2	161	7,3	-
HXL170A	Cu	-	9,3	RSCR	50	175	-	93	-	1,88	2	161	7,3	-
HXL190A	Cu	-	10,5	RSCR	50	190	-	103	-	1,85	3	164	7,3	-
HXL190A (B)	Cu	-	12,0	RSCR	50	200	-	108	-	1,85	3	164	7,3	-
HXL50A	Cu	-	4,9	RSCR	50	53	-	31	-	1,70	1,5	164	7,3	-

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كباسات ZEL ومواصفاتها مع مقاسات الثلاجات والفریزارات المختلفة

موديل الثلاجة	الحجم بالقدم 3	الحجم باللتر	قدرة الضاغط							
			R134a			R600a				
			Model	W	HP	Model	W	HP		
كباسات التجميد										
LBP Domestic single door 	4	5	113	160	GML70G	72	1/12	HMM70A	70	1/12
	6	7	170	198	GML70G	72	1/10	HMM70A	70	1/10
	8	9	226	254	GML90G	94	1/8	HMM90A	90	1/8
	9	13	283	370	GML125G	125	1/6	HML125AT	130	1/6
Domestic double door 	9	12	226	340	GML140AT	148	1/5	HML140AT	140	1/5
	13	17	370	481	GML200AT	195	1/4	HML200A	200	1/4
	17	22	509	623	GTH88AA	240	1/3	HKD14AA	240	1/3
Upright and chest freezer 	4	6	113	120	GML125G	125	1/6	HML125AT	130	1/6
	6	8	198	226	GML140AT	148	1/5	HML140AT	140	1/5
	8	12	254	340	GML200AT	195	1/4	HML200A	200	1/4
	12	18	370	509	GTH88AA	240	1/3	HKD14AA	240	1/3

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**GML70G,
GML90G,
GML125G,
HMM70A,
HMM90A,
HML125AT,
GML140AT
GML200AT,
GTH88AA,
HML140AT,
HML200A,
HKD14AA,
GML125G,
GTH88AA,**

**GDL145D,
GDL175D,
GML140A,
GML160A,
GML180A,
GML200A,
GML145D,
GML175D,
GPL175D*,
GXL175D,
GXL200D,**

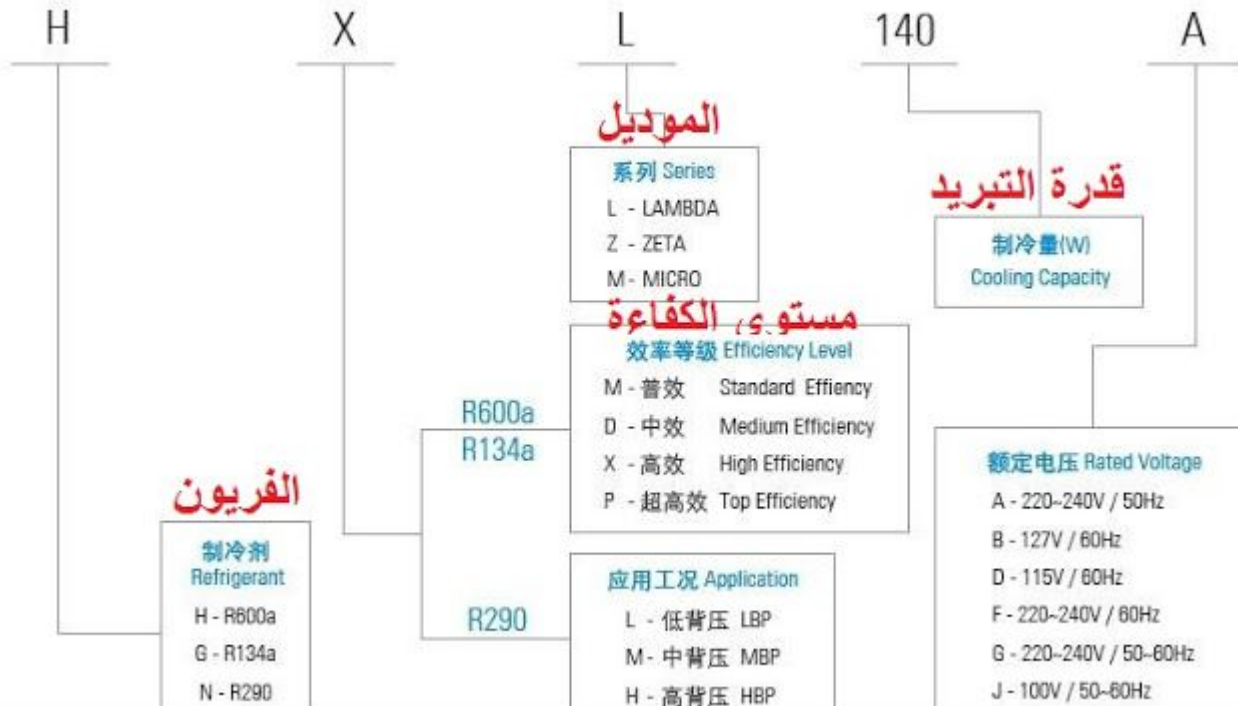
R600a**مواصفات كباسات التجميد LBP**

Model الموديل	Voltage الفولت	Hz التردد	Cooling Capacity سعة التبريد - القدرة التبريدية		
			W	HP	
HMM70A	220 - 240	50	70	0.094	1/10
HMM80A	220 - 240	50	80	0.107	1/10
HMM90A	220 - 240	50	90	0.121	1/8
HMM100A	220 - 240	50	100	0.134	1/8
HML100A	220 - 240	50	103	0.138	1/8
HML125A	220 - 240	50	121	0.162	1/6
HML125AT	220 - 240	50	130	0.174	1/6
HML140AT	220 - 240	50	140	0.188	1/6
HML155A	220 - 240	50	155	0.208	1/5
HML170AT	220 - 240	50	170	0.228	1/5
HML190A	220 - 240	50	190	0.255	1/4
HML200A	220 - 240	50	200	0.268	1/4

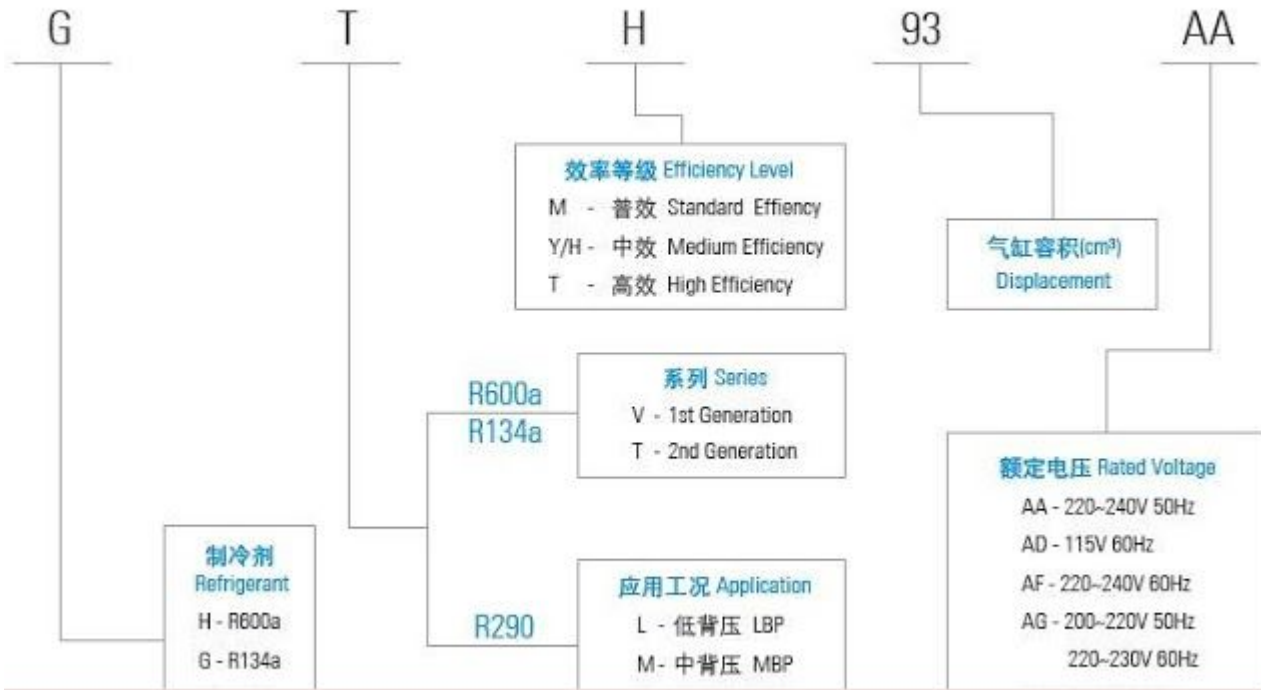
PictureS Mbsm Dot Pro : www.mbsm.pro

R134a**كباسات التجميد LBP**

Model الموديل	Voltage الفولت	Hz التردد	Cooling Capacity سعة التبريد - القدرة التبريدية		
			W	HP	
GML70G	220 - 240	50 - 60	72	0.097	1/12
GML80G	220 - 240	50 - 60	80	0.107	1/10
GML90G	220 - 240	50 - 60	94	0.126	1/8
GML110AT	220 - 240	50	113	0.151	1/7
GML125G	220 - 240	50 - 60	122	0.164	1/6
GML140G	220 - 240	50 - 60	136	0.182	1/6
GML140AT	220 - 240	50	148	0.198	1/5
GML180G	220 - 240	50 - 60	162	0.217	1/5
GML200AT	220 - 240	50	195	0.261	1/4
GTH88AA	220 - 240	50	240	0.322	1/3
GTH93AA	220 - 240	50	260	0.349	1/3
GTM93AA	220 - 240	50	280	0.375	3/8
GTM10AA	220 - 240	50	300	0.402	3/8+

PictureS Mbsm Dot Pro : www.mbsm.pro**Lambda/Zeta/Micro**PictureS Mbsm Dot Pro : www.mbsm.pro

Tau



PictureS Mbsm Dot Pro : www.mbsm.pro

كباسات ZEL ومواصفاتها مع مقاسات الثلاجات والفريزات المختلفة

موديل الثلاجة	الحجم بالقدم 3	الحجم بالتر	قدرة الضاغط							
			R134a			R600a				
			Model	W	HP	Model	W	HP		
LBP كباسات التجميد										
Domestic single door 	4	5	113	160	GML70G	72	1/12	HMM70A	70	1/12
	6	7	170	198	GML70G	72	1/10	HMM70A	70	1/10
	8	9	226	254	GML90G	94	1/8	HMM90A	90	1/8
	9	13	283	370	GML125G	125	1/6	HML125AT	130	1/6
Domestic double door 	9	12	226	340	GML140AT	148	1/5	HML140AT	140	1/5
	13	17	370	481	GML200AT	195	1/4	HML200A	200	1/4
	17	22	509	623	GTH88AA	240	1/3	HKD14AA	240	1/3
Upright and chest freezer 	4	6	113	120	GML125G	125	1/6	HML125AT	130	1/6
	6	8	198	226	GML140AT	148	1/5	HML140AT	140	1/5
	8	12	254	340	GML200AT	195	1/4	HML200A	200	1/4
	12	18	370	509	GTH88AA	240	1/3	HKD14AA	240	1/3

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Variable Speed Range 变频系列

R600a

型号	电机	转速范围	排气量	电机类型	制冷量	输入功率	性能系数	高度	重量	认证
Model	Motor	Speed Range	Displ.	Motor Type	Cooling Capacity	Input Power	COP	Height	Net Weight	Certification
		rpm	cm ³		w	w	w/w	mm	kg	

220-240V/50Hz

T系列变频 T Series VSC

HKD66FSK	Al	1400-4000	6.6	PMSM	45-150	26-85	Up to 1.90	163	7.1	
HKD75FSK	Al	1400-4000	7.5	PMSM	52-170	29-96	Up to 1.90	163	7.1	
HKD86FSK	Al	1400-4000	8.6	PMSM	60-190	35-105	Up to 1.90	163	7.1	
HKD93FSK	Al	1400-4000	9.3	PMSM	70-210	40-125	Up to 1.90	163	7.1	
HKD10FSK	Al	1400-4000	10.5	PMSM	83-235	49-132	Up to 1.90	163	7.1	CCC
HKD12FSK	Al	1400-4000	11.5	PMSM	95-270	51-154	Up to 1.90	163	7.1	CCC
HKD66FSK I	Cu	1400-4000	6.6	PMSM	45-150	25-82	Up to 1.95	163	8.0	
HKD75FSK I	Cu	1400-4000	7.5	PMSM	52-170	28-93	Up to 1.95	163	8.0	
HKD86FSK I	Cu	1400-4000	8.6	PMSM	60-190	32-102	Up to 1.95	163	8.0	
HKD93FSK I	Cu	1400-4000	9.3	PMSM	70-210	38-115	Up to 1.95	163	8.0	
HKD10FSK I	Cu	1400-4000	10.5	PMSM	83-235	44-123	Up to 1.95	163	8.0	CCC
HKD12FSK I	Cu	1400-4000	11.5	PMSM	95-270	50-146	Up to 1.95	163	8.0	CCC

Z系列变频 Z Series VSC

HXZ150FSM	Al	1200-4200	6.5	PMSM	42-150	23-80	Up to 1.90	145	6.9	-
HXZ170FSM	Al	1200-4200	7.0	PMSM	50-170	26-92	Up to 1.90	145	6.9	-
HXZ200FSM	Al	1200-4200	8.6	PMSM	56-200	30-103	Up to 1.90	145	6.9	-
HXZ220FSM	Al	1200-4200	9.2	PMSM	68-220	36-120	Up to 1.90	145	6.9	-
HXZ240FSM	Al	1200-4200	9.5	PMSM	75-240	39-125	Up to 1.90	145	6.9	-
HDZ150FSM	Al	1200-4200	6.5	PMSM	42-150	25-88	Up to 1.80	145	6.3	-
HDZ170FSM	Al	1200-4200	7.0	PMSM	50-170	27-98	Up to 1.80	145	6.3	-
HDZ200FSM	Al	1200-4200	8.6	PMSM	56-200	30-110	Up to 1.80	145	6.3	-
HDZ220FSM	Al	1200-4200	9.2	PMSM	68-220	40-132	Up to 1.80	145	6.3	-

Picture5 Mbsm Dot Pro ; www.mbsm.pro

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COMPRESSEUR ZEL HML170A AU R600A LBP 1/6HP 9.5CM3



REDMI NOTE 9
AI QUAD CAMERA

**WHIRLPOOL , COMPRESSEUR R600
, 1/8 HP , HKK80AA, LBP
Compressor, Top Efficiency ,
220-240V 50Hz**

written by Lilianne | 1 April 2020



PictureS Mbsm Dot Pro : www.mbsm.pro

WHIRLPOOL , COMPRESSEUR R600 , 1/8 HP , HKK80AA

R600a • 220-240 V • 50 Hz • KAPPA																					
Compressor	Code number	Application	CECOMAF Capacity [W] T _c =55°C, T _{iq} =55°C, T _{suc} =32°C Evaporating temperature [°C]						CECOMAF						ASHRAE Capacity [W] T _c =54.4°C, T _{iq} =32.2°C, T _{suc} =32.2°C Evaporating temperature [°C]						
									LBP rating point -25°C / 55°C		MBP rating point -10°C / 55°C		HBP rating point 5°C / 55°C								
			-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15	
HMK80AA	15950000	LBP	55	170				102	1.18	211	1.68					67	207				
HMK95AA	15460700	LBP	67	207				125	1.20	257	1.72					81	253				
HMK12AA	16236200	LBP	82	239				149	1.21	292	1.66					100	291				
HTK55AA	16122700	LBP	32	119				69	1.20	150	1.79					39	146				
HTK70AA	16106100	LBP	44	150				87	1.26	185	1.85					54	182				
HTK80AA	16068300	LBP	55	170				102	1.26	212	1.83					67	207				
HTK95AA	16068200	LBP	71	207				126	1.29	258	1.82					86	252				
HTK12AA	16111600	LBP	82	239				149	1.29	292	1.77					100	291				
HKK55AA	16124400	LBP	32	120				69	1.37	150	2.00					39	146				
HKK70AA	16124500	LBP	44	148				87	1.40	186	1.98					54	181				
HKK80AA	16072100	LBP	55	170				102	1.40	212	1.99					67	207				
HKK95AA	16049700	LBP	69	207				126	1.42	256	1.95					84	252				
HKK12AA	16065900	LBP	82	239				149	1.42	292	1.93					100	291				
HXX55AA	15650400	LBP	36	122				72	1.45	152	2.00					44	149				
HXX70AA	15690400	LBP	47	149				88	1.47	186	2.02					57	181				
HXX80AA	15621800	LBP	58	173				105	1.50	214	2.05					71	210				
HXX95AA	15592900	LBP	73	209				129	1.51	258	2.05					89	255				
HXK12AA	15593100	LBP	83	245				152	1.50	300	2.04					101	299				
HZK95AA	16313100	LBP	73	208				128	1.58	257	2.15					89	254				

PictureS Mbsm Dot Pro : www.mbsm.pro

Samsung SD162H-L1U2 Compressor, Rscr, 1/5 Hp, 6.99Cc, MANUFACTURERS, FACTORY, SUPPLIERS FROM CHINA

written by Lilianne | 1 April 2020



Picture5 Mbsm Dot Pro : www.mbsm.pro

HP 1/5 **HP** Samsung SD162C-L1U2

2. Function Specifications Temp Range \square 32 \square ~ 40 \square Capacity
Cubic Feet 7 Climate Class N Max Ambient Temp \square 89.6 \square Min

Ambient Temp □ 59□ Castors 5" 4EA Shelves 2EA Doors 1EA
 Exterior Finish Stainless Steel Inte ...

MK 1 62 Q - L 1 U A
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

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	

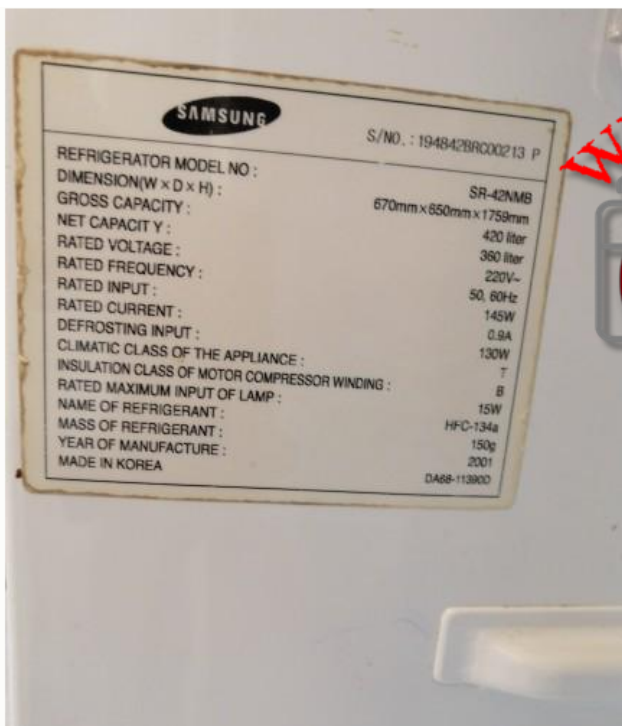


2) Serial number

- ① Model code
- ② Production line
- ③ Year : 05 → Y, 06 → L, 07 → P, 08 → Q, 09 → S, 10 → Z, 11 → B, 12 → C, 13 → D, 14 → F
- ④ Month : 1 → Jan, 2 → Feb, ... A → Oct, B → Nov, C → Dec
- ⑤ Serial number

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MODEL:
SR-42NMB

POWER:
220V/50,60Hz

COMPRESSOR:
SD162H-L1U2

BOM NAME:
S428GCSWHL/ZAM

SERIAL NO:
194842BRC00213 P



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COMPRESOR ACC GL80AN R134 1/5, Cubigel Compressors LBP , Hermetic

written by Lilianne | 1 April 2020



Type: Hermetic piston compressors

Producer: ACC

Series: HMBP

Model: GL80AN

General data

Refrigerant:	R134a	
Discharge element:	C	
Cooling:	S	
Maximum ambient temperature [°C]:	43	

Compressor's data

Cylinder capacity [cm ³]:	8,1	
Displacement [m ³ /h]:	1,4	
Weight [kg]:	10,6	
Oil charge [cm ³]:	445	
Oil type:	ISO VG 19 ESTER	

Engine's data

Engine type:	RSIR	
Power [KM]:	1/5	
Starting element:	LST	
Power supply:	220V 50Hz	
Voltage range:	170-242	
Locked rotor current [A]:	18	
Running winding resistance (25°C) [Ω]:	5,81	
Starting winding resistance (25°C) [Ω]:	11,01	

Electrical data

Relays:	3003	
Shielding element:	MRP321LZ, T0683, AF11FI	
Starting capacitor volume [μ F]:		

Connections

	millimeters	inches	
Suction tube:	6,5		
Service tube:	6,5		
Discharge tube:	4,9		