

**Compressor, Zanussi, HLY80AA,  
1/7Hp, 220-240V 50Hz ~1,  
R600a, ZEM, Low Back  
Pressure, RSIR**

written by Lilianne | 26 January 2021



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Technical Data Sheet  
Compressor model HLY80AAa  
Voltage 220-240V 50Hz ~1  
Refrigerant R600a

## APPLICATION COMPRESSOR MOTOR

Application Low Back Pressure Displacement 8,10 cm<sup>3</sup> Nominal Power 1/7 hp

Refrigerant R600a Diameter 24,29 mm Voltage/Frequency 220-240V 50Hz

Evaporating Temp. -35,0 °C to -10,0 °C Stroke 17,47 mm Voltage range 187-264 V

Expansion Capillar Net Weight 9,45 Kg Type RSIR

Comp. Cooling Static Oil type ISO VG 10 MINER Phase number 1 PH

Max. ambient temp. 43,0 °C Oil charge 205 cm<sup>3</sup> Locked Rotor Amps (LRA) 8,60 A

Max. Cont. Current (MCC) 1,00 A

Main W. resist. at 25°C 22,02 Ω

Start W. resist. at 25°C 22,53 Ω

## NOMINAL PERFORMANCE

### ASHRAE CECOMAF

Cooling Capacity 113 kCal/h 99 W

COP 1,41 W/W 1,11 W/W

EER 1,22 kCal/Wh 0,96 kCal/Wh

Input Power 93 W 89 W

Current 0,62 A 0,60 A

## TEST CYCLE CONDITIONS

### ASHRAE CECOMAF

LBP (B) LBP (A)

Evaporating temp. -23,3 °C -25,0 °C

Condensing temp. 55,0 °C 55,0 °C

Liquid temp. 32,0 °C 55,0 °C

Ambient temp. 32,0 °C 32,0 °C

Suction temp. 32,0 °C 32,0 °C

Voltage/Frequency 220 V 50 Hz 220 V 50 Hz

## ELECTRICAL COMPONENTS

Relay Option 1

Reference PTC K100

Voltage 200-240 V

Resistance 14.00 Ω

Protector Option 1 Option 2 Option 3 Option 4  
Reference MSP318LZ 4TM189NFBYY T0462 AE37FJ  
Current 5,90 A 5,50 A 6,20 A 5,90 A  
Time check 7,5-14 seg 5-15 seg 7,5-14 seg 7,5-14 seg  
Disc temp. (Open/Close) 120,00 / 61,00 °C 120,00 / 61,00 °C  
110,00 / 62,00 °C 115,00 / 62,00 °C

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**Mbsm.pro, PDF, GL80AF , ZEM,  
EGL80AF, Compressors , GD40AF  
1/9 , GL45AF 1/8 , GL60AF,  
GL70AF , GL70ANa 1/5  
,GL70AND, GL80AF 1/5**

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**Relais, démarrage, klaxon,  
compresseur, réfrigérateur,  
ZEM A2P9 A6D8 8100 ,  
Branchement, Compressor CSR  
avec Condensateur 5Mic**

written by Lilianne | 26 January 2021

Relais, démarrage, klaxon, compresseur, réfrigérateur, ZEM  
A6D8 8100 , Branchement, Compressor CSR avec Condensateur 5Mic

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**Compressor ,ACC Cubigel  
,Huayi ,Electrolux ,ZEM  
,GP16TG, HMBP,R134a, 200-  
220V / 220-230V/1/50/60Hz,  
3/8 HP, displacement 16,15  
cm<sup>3</sup>**

written by Lilianne | 26 January 2021

Compressor ,ACC Cubigel ,Huayi ,Electrolux ,ZEM ,GP16TG,  
HMBP,R134a, 200- 220V / 220-230V/1/50/60Hz, 3/8 HP,  
displacement 16,15 cm<sup>3</sup>

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**Mbsm.pro , GL80AF , ZEM,  
EGL80AF, Compressors ,  
Hermetic compressors,  
220-230V 50/60Hz , 1/5HP , 1PH  
, HBP, R134A**

written by Jamila | 26 January 2021

Mbsm.pro , GL80AF , ZEM Compressors , Hermetic compressors,  
220-230V 50/60Hz , 1/5HP , 1PH , HBP, R134A

GD40AF 1/9 , GL45AF 1/8 , GL60AF. GL60AF, GL70AF , GL70ANa  
1/5., GL70AND. , GL80AF 1/5.



LBP																
R134a 60 Hz				CECOMAF (W)						ASHRAE		R134a 60 Hz				
				-35	-30	-25		-10	-23.3							
						W	COP		kcal/h	COP						
<b>200-220/220-230V 50/60Hz ~I</b>																
GD30AG	1/12	S	3.08	25	39	57	0.67	130	68	0.88	C	200	5.8	RSIR	P	
GD40AF	1/10	S	4.03	35	54	77	0.70	171	91	0.91	C	200	6.8	RSIR	P	
GL99BL	1/4	OC	9.93	102	148	204	0.93	434	239	1.21	C	470	11.3	RSCR	P	
GL45AF	1/8	S	4.55	41	64	94	0.76	214	111	0.99	C	270	9.0	RSIR	P	
GL60AF	1/6	S	5.99	66	94	131	0.81	286	154	1.05	C	270	9.1	RSIR	P	
GL70AF	1/5	S	6.65	80	110	150	0.90	323	175	1.17	C	345	10.1	RSIR	P	
GL70ANa	1/5	S	6.65	80	110	150	0.90	323	175	1.17	C	345	10.1	RSIR	P	
GL70ANb	1/5	OC	6.65	80	110	150	0.90	323	175	1.17	C	445	10.4	RSIR	P	
GL80AF	1/5	S	8.10	87	123	172	0.92	384	202	1.19	C	445	10.6	RSIR	P	
GL80ANa	1/5	S	8.10	87	123	172	0.92	384	202	1.19	C	445	10.6	RSIR	P	
GL80ANb	1/5	OC	8.10	87	123	172	0.92	384	202	1.19	C	445	10.7	RSIR	P	
GL90AF	1/4	S	9.08	96	134	185	0.93	421	218	1.20	C	445	10.8	RSIR	P	
GL90ANa	1/4	S	9.08	96	134	185	0.93	421	218	1.20	C	445	10.8	RSIR	P	
GL90ANb	1/4	OC	9.08	96	134	185	0.93	420	218	1.20	C	445	10.9	RSIR	P	
<b>115V 60Hz ~I</b>																
GD24AD	1/20	S	2.42	14	25	40	0.52	99	48	0.70	C	200	5.1	RSIR	P	
GD36AD	1/12	S	3.62	30	47	68	0.65	149	80	0.85	C	240	6.1	RSIR	P	
GL45ADa	1/8	S	4.55	41	65	95	0.80	214	112	1.05	C	265	8.1	RSIR	P	
GL45ADb	1/8	S	4.55	41	65	95	0.80	214	112	1.05	C-V	265	8.1	CSIR	R	
GL60ADa	1/6	S	5.99	64	94	132	0.85	290	155	1.10	C	265	9.1	RSIR	P	
GL60ADb	1/6	S	5.99	64	94	132	0.85	290	155	1.10	C	210	9.1	CSIR	R	
GL60BK	1/6	OC	5.99	66	95	132	0.84	290	155	1.10	C	400	10.0	RSCR	P	
GL70ADa	1/5	S	6.65	79	108	148	0.86	322	173	1.12	C	345	9.6	RSIR	P	
GL70ADb	1/5	S	6.65	79	108	148	0.86	322	173	1.12	C	345	9.6	CSIR	R	
GL80ADa	1/5	S	8.10	84	121	171	0.87	383	201	1.13	C	345	9.8	RSIR	P	
GL80ADb	1/5	S	8.10	84	122	171	0.87	384	201	1.13	C-V	345	9.8	CSIR	R	
GL80BK	1/5	OC	8.10	79	119	169	0.85	381	200	1.11	C	470	11.1	RSCR	P	
GL90ADa	1/4	S	9.08	97	138	191	0.88	420	224	1.14	C	445	10.5	RSIR	P	
GL90ADb	1/4	S	9.08	97	138	191	0.88	420	224	1.14	C	445	10.5	CSIR	R	

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



## Données techniques

- Modèle: **GL80AA**
- Gaz réfrigérant: **R-134a**
- Pression / température: **LBP**
- Puissance: **1/5 HP**
- Type de courant: **monophasé**
- Fréquence: **50 Hz**
- Type de compresseur: **hermétique**
- Déplacement: **8,10 cm<sup>3</sup>**
- Consommation d'énergie. Énergie -35 ° C: **117 W**
- Consommation d'énergie. Énergie -25°C: **158 W**
- Consommation d'énergie. Énergie -10 ° C: **237 W**
- T ° Condensation: **40 ° C**

- Capuchon de refroidissement. -35 ° C: **95 Kcal / h**
- Capuchon de refroidissement. -30 ° C: **132 Kcal / h**
- Capuchon de refroidissement. Énergie -25 ° C: **178 Kcal / h**
- Capuchon de refroidissement. -20 ° C: **234 Kcal / h**
- Capuchon de refroidissement. -15 ° C: **300 Kcal / h**
- Capuchon de refroidissement. Énergie -10 ° C: **375 Kcal / h**
- Type de test: **Ashare 32**

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**Mbsm.pro , L76AV  
 , Compresseur, 1/5 HP , 149W,  
 R12 , E80101 , Zem , HMBP  
 , Hermetic piston compressors  
 , 220V/50 , 1PH(phase)**

written by Jamila | 26 January 2021



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Mbsm.pro , L76AV ,Compresseur, 1/5 HP ,149W, R12 ,E80101 ,Zem ,HMBP ,Hermetic piston compressors , 220V/50 , 1PH(phase)