

# Compressor, AE4470Z-FZ3C, AE4470Z-FZ, Compressor Tecumseh, AE4470Z FZ, HBP/CBP, 1/2 HP, ++BIG, R-404a

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 31 January 2021

  
Eaton

AE-3001-F

AE4470Z-FZ

  
EPFL

CE





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COUNTRY OF ORIGIN: FRANCE

THEMALLY PROTECTED

R404A

2530V - 50/60Hz

18 11



# Données techniques

- Modèle: **AE4470Z**
- Gaz: **R-404a**
- Température/Pression: **Haute Pression**
- Puissance: **1/2 HP**
- Voltage: **230 V**
- Type De Courant: **Monophasé**
- Fréquence: **50 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **12.01 cm<sup>3</sup>**
- Cons.Énergie -10°C: **597 W**
- Cons.Énergie -5°C: **631 W**
- Cons.Énergie 0°C: **663 W**
- Cons.Énergie +5°C: **693 W**
- Cons.Énergie +10°C: **721 W**
- T° De Condensation: **40 °C**
- Capacité Frigorifique -20°C: **637 Kcal/h**
- Capacité Frigorifique -15°C: **796 Kcal/h**
- Capacité Frigorifique -10°C: **975 Kcal/h**
- Capacité Frigorifique -5°C: **1178 Kcal/h**
- Capacité Frigorifique 0°C: **1408 Kcal/h**
- Capacité Frigorifique 5°C: **1671 Kcal/h**
- Capacité Frigorifique 10°C: **1970 Kcal/h**
- Tipo Test: **EN.12900**

  
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# COMPRESSEUR, EMBRACO, ASPERA, NEK6213GK, HMBP, 1/2+ hp, 614 W

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spécifications techniques			
Réfrigérant	R-404A - R-507A	Technologie de compresseur	Hermétique à piston
Application	Moyenne pression - Haute pression	Plage d'application	-20°C à +10°C
Type de tension	Monophasé	Tension	240 / 1 / 50
Cylindrée	12.1cm <sup>3</sup>	Puissance frigorifique @ -10°C	918W
Intensité maximale	6.01A	Type moteur	CSIR
Détente	Capillaire / Détendeur	Diamètre aspiration ODF	5/16"
Diamètre refoulement ODF	1/4"	Entraxes de fixation	170 x 70mm
Hauteur	206mm	Charge d'huile	0.35l

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- Puissance frigorifique à -10°C 1305 W
- Puissance électrique à -10 °C 614 W
- Puissance en cheval 1/2+ CV
- Alimentation 220-240 V 50 Hz
- Gaz R404a/R507 HMBP
- Moyenne et haute pression
- Complet avec starter, condensateur, boîtier et système de fixation

Codes fabricants

- ALPENINOX (anciennement NE9213GK)
- ASCASO-VF.792 (anciennement NE9213GK)
- ASPERA-NE9213GK (anciennement NE9213GK)
- ELECTROLUX-85551 (anciennement NE9213GK)
- EMBRACO-NE9213GK (anciennement NE9213GK)
- EUNASA-21075 (anciennement NE9213GK)
- EURFRIGOR-RB000447 (anciennement NE9213GK)
- ITV-302035 (anciennement NE9213GK)
- WHIRLPOOL-485409918033 (anciennement NE9213GK)
- ZANUSSI-85551 (anciennement NE9213GK)
- ALPENINOX-91161
- ANGELO PO-3138720
- ASPERA-NEK6213GK
- ASPERA-NEK6213GK-CSIR
- ELECTROLUX-91161
- EMBRACO-NEK6213GK
- EMBRACO-NEK6213GK-CSIR

- EMMEPI-8C1300
- FAST RICAMBI-605.125
- GEV-605.125
- MIGEL-1RF173
- SAGI-3138720
- UGOLINI-22807-13010
- VND-605.125
- ZANUSSI-91161

**Compressor ASPERA NEK6213GK | NEK 6213 GK**

Refrigerant	R404A/R507
Working range[stC] MBP	-20 do +10
Nominal capacity [W] (evaporating temperature +7,2C, Condensing temperatur +54,4C)	1761
Power supply	220-240V 50Hz
Engine type	CSIR
Displacement [cm <sup>3</sup> ]	12,11
Weight [kg]	11,6
Evaporating temperature +55 C	

Evaporating Temperature	Cooling Capacity +/-5%			Power Consumption +/-5%	Current Consumption +/-5%	Gas Flow Rate +/-5%	Efficiency +/-7%	
	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)
°C								
-20	514	598	2.040	569	3,87	16,07	0,90	1,05
-15	643	747	2.551	642	4,13	20,19	1,00	1,16
-10	793	922	3.148	717	4,41	25,09	1,11	1,29
-5	966	1.124	3.835	792	4,70	30,85	1,22	1,42
0	1.163	1.352	4.615	868	5,02	37,57	1,34	1,56
5	1.384	1.610	5.493	946	5,36	45,32	1,46	1,70
10	1.631	1.896	6.472	1.025	5,72	54,18	1,59	1,85

**Substitutes for this compressor are:** Electrolux/Cubigel MP12TB , Danfoss/Secop SC10DL , L'Unite Hermetique/Tecumseh CAE9470Z

R404A

Refrigerant: ,

R507

COMPRESSEUR EMBRACO NEK6213GK

220/240V 50Hz

puissance 1/2 Hp, le déplacement 12,12 cc

gaz réfrigérant R404a/R507 HMBP

**LES CODES DE FABRICANT**

091161 ALPENINOX

3138720 ANGELO PO

NEK6213GK ASPERA

NEK6213GK-CSIR ASPERA

091161 ELECTROLUX PROFESSIONNEL

NEK6213GK EMBRACO

NEK6213GK-CSIR EMBRACO

8C1300 EMMEPI

1RF173 MIGEL

3138720 SAGI

22807-13010 UGOLINI

<b>Alimentation</b>	220/240 V-50 Hz-1 Ph
<b>Chevaux</b>	1/2 hp
<b>Déplacement</b>	12,11 cm <sup>3</sup>
<b>Application</b>	MHBP
<b>Capacité frigorifique en conditions ASHRAE, R404A/R507</b>	1,76 kW
<b>Capacité frigorifique en conditions EN12900 MT, R404A/R507</b>	0,97 kW
<b>Réfrigérant</b>	R404A, R452A, R507A
<b>Aspiration</b>	3/8"
<b>Refoulement</b>	1/4"
<b>Poids</b>	11,60 kg
<b>Hauteur maximale</b>	206 mm
<b>LRA</b>	19,30 A
<b>Huile de recharge</b>	350 cm <sup>3</sup>
<b>Type d'huile</b>	P0E 22 ester
<b>Autres remarques</b>	Accessoires de démarrage inclus
<b>Technologie</b>	Vitesse fixe
<b>Type de refroidissement moteur</b>	Ventilateur
<b>Type moteur</b>	CSIR
<b>Type protection moteur</b>	External

**spécifications techniques**

Réfrigérant	<b>R-404A - R-507A</b>	Technologie de compresseur	<b>Hermétique à piston</b>
Application	<b>Moyenne pression - Haute pression</b>	Plage d'application	<b>-20°C à +10°C</b>
Type de tension	<b>Monophasé</b>	Tension	<b>240 / 1 / 50</b>
Cylindrée	<b>12.1cm<sup>3</sup></b>	Puissance frigorifique @ -10°C	<b>918W</b>
Intensité maximale	<b>6.01A</b>	Type moteur	<b>CSIR</b>
Détente	<b>Capillaire / Détendeur</b>	Diamètre aspiration ODF	<b>5/16"</b>
Diamètre refoulement ODF	<b>1/4"</b>	Entraxes de fixation	<b>170 x 70mm</b>
Hauteur	<b>206mm</b>	Charge d'huile	<b>0.35l</b>



OPPO A1k

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Mbsm\_dot\_pro\_private\_PDF\_nek6213GK-Catalogue\_EmbracoTélécharger  
Mbsm\_dot\_pro\_private\_PDF\_nek6213GK-Catalogue\_Embraco-1Télécharger

Designation	NEK6213GK
Nominal Voltage/Frequency	220-240 V 50 Hz
Engineering Number	959BA51

**A - APPLICATION / LIMIT WORKING CONDITIONS**

1 Type	Hermetic reciprocating compressor		
2 Refrigerant	R-404A		
3 Nominal voltage and frequency	220-240 / 50	[ V / Hz ]	
4 Application type	Medium Back Pressure (Commercial Compressors R404A)		
4.1 Evaporating temperature range	-20°C to 0°C	(-4°F to 32°F)	
5 Motor type	CSIR		
6 Starting torque	HST - High starting torque		
7 Expansion device	Capillary tube or Expansion valve		
8 Compressor cooling	Operating voltage range		
		50 Hz	60 Hz
8.1 LBP (32°C Ambient temperature)	-	-	-
8.2 LBP (43°C Ambient temperature)	-	-	-
8.3 HBP (32°C Ambient temperature)	-	-	-
8.4 HBP (43°C Ambient temperature)	-	-	-
9 Maximum condensing pressures/temperature			
9.1 Operating (gauge)	25.7	[kgf/cm <sup>2</sup> ] (365 psig)	/ °C - °F
9.2 Peak (gauge)	28.7	[kgf/cm <sup>2</sup> ] (408 psig)	/ °C - °F
10 Maximum winding temperature	130	[ °C ]	

**B - MECHANICAL DATA**

1 Commercial designation	1/2+	[hp]
2 Displacement	12.11	[cm <sup>3</sup> ] (0.739 cu.in)
2.1 Bore	27.775	
2.2 Stroke	10.000	
3 Lubricant charge	350	[ml] (11.84 fl.oz.)
3.1 Lubricants approved		
3.2 Lubricants type/viscosity	ESTER / ISO22	
4 Weight(with oil charge)	11.6	[kg] (25.57 lb.)
5 Nitrogen charge	0.2 to 0.3	[kgf/cm <sup>2</sup> ] (2.84 to 4.27 psig)

**C - ELECTRICAL DATA**

1 Nominal Voltage/Frequency/Number of Phases	220-240 V 50 Hz 1 ~ (Single phase)	
2 Starting device type	Current Relay	
2.1 Starting device		
3 Start capacitor	53-64(330)	[µf(VAC minimum)]
4 Run capacitor	-	[µf(VAC minimum)]
5 Motor protection (external)	T0743/G6	
6 Start winding resistance	20.88	[Ω at 25°C (77°F)] +/- 8%
7 Run winding resistance	3.93	[Ω at 25°C (77°F)] +/- 8%
8 LRA - Locked rotor amperage (50 Hz)	-	[A] - Measured according to UL 984
9 FLA - Full load amperage L/MBP (50 Hz)	-	[A] - Measured according to UL 984
10 FLA - Full Load Amperage HBP (50 Hz)	-	[A] - Measured according to UL 984
11 Approval boards certification	IMQ	

# CUBIGEL, 1/2 Hp, ELECTROLUX, COMPRESSEUR, ZANUSSI, P12TN, HMBP, R22, 220/240V 50Hz

Category: compressor

written by mahdi miled | 31 January 2021



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## Détails techniques

puissance 1/2 Hp – cylindrée 12,00 cm<sup>3</sup>

220/240V 50Hz

CUBIGEL

ZANUSSI

**Zanussi Armoire réfrigérée** ALP221 (110495), ALN221 (110501), AKP221 (111678), AKP221 (111685), DVP110V12V (730236), DVP111V12V (730237), MVP112V12V (730238), EDVN1100 (730239), EDVN1101 (730240), DVP130V12V (730260), DVP131V12V (730261), EEVNI1301 (730262), EEVN1300 (730263), EEVN1301 (730264), DVN130V12V (730265), EDVN1300 (730266), MVP130V12V (730277), MVP131V12V (730278), EMVN1300 (730289), EMVN1300 (730290), MVP110V12V (730297), MVP111V12V (730298), EMVN1100 (730305), EMVN1101 (730306), EDVP1302 (730315), EDVN1302 (730321), CA45ALHG (730331), CA45SSHG (730347), CA45ALCG (730348), CA45SSCG (730349), CA38ALHG (730364), CA38SSHG (730365), CA38ALCG (730366), CA38SSCG (730367), CA45ALMG (730403), CA45SSMG (730405), CA38ALMG (730417), CA38SSMG (730422), DVP13V14V (734021)  
**Zanussi Cellule de refroidissement** BC11 (110010), BCF11 (110016), EEVA10/1 (739021), EEVAC10/1 (739027), ATPE061 (771000), ATCE061 (771006)



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GQR16TG, light, commercial,  
refrigeration, compressor ,1 / 2+ HP,  
220V/50Hz, CSIR, capacitor:08UF,  
R134A, Middle/Hight Back Pressure

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 31 January 2021



GQR16TG, light, commercial, refrigeration, compressor ,1 / 2+ HP, 220V/50Hz,  
CSIR, capacitor:80UF, R134A

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# LG Refrigeration Compressor ,LX86HAEP , serie LX, LX86, 226 w , 220 v 50Hz , R134A ,1/3 Hp, Lbp

Category: certificate,Technologie,Tester ok  
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LG Refrigeration Compressor ,LX86HAEP , 385 w , 220 v 50Hz , R134A ,1/2 Hp