

# Mbsm.pro, Compressor, hermetic, piston, Embraco, NT2178GK, 3/4 hp, Lbp, 17.40 cm<sup>3</sup>, R404A, R452A, R507A

Category: compressor

written by Lilianne | 27 November 2023



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# Mbsm.pro, Aspera, Embraco, NT6222GK, R404A, R449A, R407A, R452A, 3/4 hp++, MHbp, 1 Hp-, Dis 17.39 cm<sup>3</sup>

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**Embraco aspera**

**NT6222GK**



**UL** US **CE**

THERMALLY PROTECTED			200 - 240V ~ 50Hz 230V ~ 60Hz
7.00RLA	37.0LRA	R 404A	
POE. OIL 450CC		1 PH	

MADE IN SLOVAKIA NO START WITHOUT STARTING DEVICE



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Mbsm.pro, Aspera, Embraco, NT6222GK, R404A, R449A, R407A, R452A, 3/4 hp++, MHbp, 1 Hp-, Dis 17.39 cm<sup>3</sup>

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# Tecumseh, Compressor, 5/8HP, HMBP – R404A , R448A , R449A, MBP, CAJ9480Z, 230V

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## Caractéristiques techniques

- Marque : TECUMSEH UNITÉ HERMÉTIQUE
- Modèle : CAJ9480Z-R
- CYLINDRÉE (CM<sup>3</sup>)15,2
- FLUIDER404A , R448A , R449A
- APPLICATIONHMBP
- PLAGÉ D'APPLICATION-25/+15
- PUISSANCE (W)1159
- PUISSANCE FRIGORIFIQUE (TK+40°C)15/3350 5/2355 -10/1294 -25/609
- TENSION (V)240/1/50
- DÉMARRAGECSR
- I.MAX (A)6,7
- Ø ASPIRATION1/2
- Ø REFOULEMENT5/16
- DIMENSIONS (MM)235x178x280
- Gaz: **R-404a**
- Température/Pression: **Haute Pression**
- Puissance: **5/8 HP**
- Voltage: **230 V**
- Type De Courant: **Monophasé**
- Fréquence: **50 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **15.2 cm<sup>3</sup>**
- Cons.Énergie -25°C: **496 W**
- Cons.Énergie -10°C: **669 W**
- Cons.Énergie -5°C: **718 W**
- Cons.Énergie 0°C: **762 W**
- Cons.Énergie +5°C: **798 W**
- Cons.Énergie +10°C: **828 W**
- T° De Condensation: **40 °C**
- Capacité Frigorífica -25°C: **524 Kcal/h**
- Capacité Frigorífica -20°C: **692 Kcal/h**
- Capacité Frigorífica -15°C: **887 Kcal/h**
- Capacité Frigorífica -10°C: **1113 Kcal/h**
- Capacité Frigorífica -5°C: **1374 Kcal/h**
- Capacité Frigorífica 0°C: **1677 Kcal/h**
- Capacité Frigorífica 5°C: **2025 Kcal/h**
- Capacité Frigorífica 10°C: **2425 Kcal/h**
- Tipo Test: **EN.12900**

Compresseur L'unité Hermetique – Tecumseh CAJ9480Z – R404A, R449A, R407A, R452A  
220 – 240V 1~ 50 Hz  
Cylindrée = 15.2 CM3  
APPLICATIONS = HBP / MHBP  
Moteur type: CSR



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Compresseur AJ = Le produit de référence associant silence, fiabilité et

efficacité du froid commercial.

Product Code	Model Number	Compressor Horsepower	Compressor Displacement	Cooling Oil Charge
	CAJ9480Z-FZ	5/8 HP	15.2 cm3/rev	Fan 475 ml
	CAJ9510Z-FZ	1 HP	18.3 cm3/rev	Fan 475 ml
	CAJ9513Z-FZ	1 1/8 HP	24.2 cm3/rev	Fan 475 ml
	CAJ4517Z-FZ	1.25 HP	25.95 cm3/rev	Fan 475 ml
	TAJ4517Z-TZ	1.25 HP	25.95 cm3/rev	Fan 475 ml
	CAJ4519Z-FZ	1.5 HP	34.45 cm3/rev	Fan 475 ml
	TAJ4519Z-TZ	1.5 HP	34.45 cm3/rev	Fan 475 ml

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

Category: compressor

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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 P0-3138720
- 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 [cm³] 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

091161 ZANUSSI

<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	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





OPPO A1k

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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	

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Compressor coolant ,  
104L2123,Compresseur Danfoss SC18CL –  
R404A, R449A, R407A,  
R452A,R404a/R507, SC18CL, 220-240V  
50Hz, LBP/MBP, 5/8HP , CSR,LRA 20A,  
3.25A , 715W, 210\*85 freezer

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Compressor coolant , 104L2123,Compresseur Danfoss SC18CL – R404A, R449A, R407A,  
R452A,R404a/R507, SC18CL, 220-240V 50Hz, LBP/MBP, 5/8HP , CSR,LRA 20A, 3.25A ,  
715W