

KONOR, COMPRESSOR, GQR80AA, R134A, LBP, 240V, 50Hz, 8.1cm³, 1/4HP, 198W, -KONOR CATALOGE pdf

Category: compressor

written by www.mbsm.pro | 14 December 2021

GQR80AA 8.1cm³ 186MM RSIR 198W 1.19W/W 220-240V/50Hz 1/4HP 9.4Kg

KONOR COMPRESSORGQR80AA R134A LBP 240V 50Hz

Product description:

R134a GQR80AA series sealed refrigeration compressor 220-240v/50Hz

The main feature:

strong loading capacity,

high efficiency,

low noise,

light vibration,

good reliability.

suitable for mid-size refrigerators, freezers, displayers, beer displayers and other mid-size refrigeration appliances. The structure form is hermetical crank connecting-rod reciprocating piston type.

They are the best selling high-tech compressors sold in the world. They are ideal for domestic refrigeration and also for small commercial applications. They are small, have low noise and vibration levels, they achieve the highest levels of efficiency available in the market for this category.

KONOR	Displ.	power	Motor type	V/Hz	Cooling capacity	W ^{Net}	Weight	KG
GQR60AA	61/6		RSIR	220-240V/50Hz		140		9.4
GQR70AA	6.61/5		RSIR	220-240V/50Hz		165		9.4
GQR80AA	8.11/4		RSIR	220-240V/50Hz		198		9.4
GQR90AA	9.11/4		RSIR	220-240V/50Hz		220		10.1
GQY99AA	9.91/4		RSIR	220-240V/50Hz		270		10.9
GQY12AF	11.81/3		CSIR	220-240V/50Hz		325		10.56
GQY16AF	16.23/8		CSIR	220-240V/50Hz		380		12.1
GP16MG	16.25/8		CSIR	220-240V/50Hz		870		12.5
GP12MG	11.85/8		CSIR	220-240V/50Hz		656		10.9
GP12TG	11.83/8		CSIR	220-240V/50Hz		1140		11.8
GQR80TG	8.11/4		CSIR	220-240V/50Hz		730		9.8
GQR90TG	9.11/4		CSIR	220-240V/50Hz		830		10.5
GQR60TG	61/5		CSIR	220-240V/50Hz		520		9.8

One year warranty*.

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KONOR Compressor GQR80AA

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Heating & Refrigerating
SIKELAN

GQR80TG

220-240V~50/60Hz 1PH

R134a



NET CAPACITY: 400W

17.08.2018

20230182T

Zhejiang Waidi Refrigeration Technology Co., LTD.

Suct

SC18G, 104G8820, Universal, Compressor, R134a, 220-240V 50/60Hz, DANFOSS, SECOP, R134a, HMBP, 1/2 Hp++, déplacement 17.70 cc, CSIR, SC18G 104G8820

Category: compressor

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Détails du produit

Poids brut 13.8 kg

Poids Net 13.8 kg

Applications

HBP

LBP

MBP

Charge en fluide frigorigène [kg] [Max]

1.3 kg

Charge en huile [L]

600 L

Code de configuration

Simple

Couleur

Noir

Courant d'appel HST [A]

18.6 A

Description

SC18G

Diamètre de raccordement à l'aspiration [mm]

10.2 mm

Diamètre du raccord au refoulement [mm]

6.2 mm

Diamètre du raccordement du traitement [mm]

6.2 mm

Désignation du modèle

Compresseur

Emballage (format)

Emballage industriel

Faible valeur de plage de tension à 50 Hz [V]

187 V

Faible valeur de plage de tension à 60 Hz [V]

198 V

Faible valeur de tension nominale à 50 Hz [V]

208 V

Faible valeur de tension nominale à 60 Hz [V]

220 V

Fluides

R134a

Fréquence [Hz]

50/60

Hauteur de la base [mm]

213 mm

Hauteur du raccordement de refoulement [mm]

110 mm

Hauteur raccordement aspiration [mm]

193 mm

Hauteur totale [mm]

219 mm

LRA HST [A]

18.6 A

Matériel du raccord au process

Acier cuivré

Matériel du raccord d'aspiration

Acier cuivré

Matériel du raccord de refoulement

Acier cuivré

Niveau d'énergie de l'application	Compresseur universel
Nombre de phases (compresseur)	1
Nombre de phases (ventilateur)	1
Norme d'approbation	CE EN 60335-2-34 avec Annexe AA
Notes concernant le raccord de refoulement	Capuchon en aluminium
Notes concernant le raccordement au process	Capuchon en aluminium
Notes concernant le raccordement à l'aspiration	Capuchon en aluminium
N° de modèle	SC18G
N° de schéma	8258
Oil type	P0E
Phase	1
Puissance frigorifique nominale 60 kBTU/h	6.06 kBTu/h
Puissance frigorifique nominale à 60 Hz	1.8 kW
Quantité d'huile [cm ³]	600 cm ³
Quantité par emballage	80
raccord de refoulement équerre [°]	37 °
raccord d'aspiration équerre [°]	37 °
Raccordement de process équerre	37 °
Régulation de la puissance	Vitesse fixe
Résistance de l'enroulement auxiliaire (enroulement de démarrage) pour compresseurs monophasés [ohm]	14.1 Ohm
Résistance de l'enroulement principal pour compresseurs monophasés [Ohm]	3.7 Ohm
Technique de la marque	Compresseur à pistons
Technologie	Piston
Température d'enroulement max. continue [°C] [Max]	125 °C
Température de l'enroulement à court terme [°C] [Max]	135 °C
Tension 50 Hz [V]	220 V
Tension 50 Hz [V] [max.]	240 V
Tension 60 Hz [V]	220 V
Tension 60 Hz [V] [max.]	240 V
Type	SC
Type de moteur	CSIR
Type de socle	Universel
Utilisation de tronçon	Réfrigération LT Réfrigération MT
Valeur du condensateur A	10 µF
Valeur du condensateur B	80 uF
Valeur élevée de plage de tension à 50 Hz [V]	254 V
Valeur élevée de plage de tension à 60 Hz [V]	254 V
Valeur élevée de tension nominale à 50 Hz [V]	230 V
Valeur élevée de tension nominale à 60 Hz [V]	230 V
Vitesse de rotation à 50 Hz [rpm]	2900 rpm
Vitesse de rotation à 60 Hz [rpm]	3500 rpm
Volume balayé [cm ³]	17.69 cm ³
Volume de gaz libre [cm3]	1460 cm ³

Documents

Type de document	Country	Langue	Titre
Catalogue	France	Français	
Fiche technique	Afrique du Sud	Allemand	
Warranty	Allemagne	Anglais	
Matériel	Australie Autriche	Arabe	
promotionnel	Belarus Belgique	Bulgare	
Guide	Brazil Bulgarie	Chinois	
d'installation	Canada Chili Chine	Coréen	
EAC Declaration	(continentale)	Croate	
Brochure	Colombie Corée du Sud	Danois	
Article UA	Croatie	Espagnol	
Declaration	Danemark	Estonien	
Manuel	Emir.arab.unis	Finnois	Grec
d'utilisation	Espagne Estonie	Hindi	
Electrical Safety	Finlande Grande	Hongrois	
Certificate	Bretagne Grèce	Hébreu	
	Hongrie Inde +	Indonésien	
	Sikkim Indonésie	Islandais	
	Ireland Islande	Italien	
	Israël Italie	Japonais	
	Japon Kazakhstan	Kazakh	
	Lettonie Lithuania	Letton	
	Macedonia Malaisie	Lituanien	
	Mexique N. Zélande	Norvégien	
	Norvège Pays-Bas	Néerlandais	
	Philippines	Polonais	
	Pologne Portugal	Portugais	
	Roumanie Russian	Roumain	
	Federation Rép.	Russe	Serbe
	tchèque Saudi	Slovaque	
	Arabia Serbia	Slovène	
	Singapour	Suédois	
	Slovaquie Slovénie	Tchèque	Thaï
	Suisse Suède	Turc	
	Taiwan, Chine	Ukrainien	
	Thailand Tunisie	Vietnamien	
	Turquie Ukraine		
	USA Viêt Nam		
	Vénézuéla		
Fiche technique	France	Français	220V Hermetic Compressors – R12 – R22 – R205 AI32443441788901-FR0101 1984 KB
Fiche technique	France	Français	Listing Compresseur Secop AI302136056984fr-FR0101 253 KB
Guide d'installation	France	Français	Instructions SC Compressors (external Protector) AN00008643706001-000401 124 KB

		Country	France	
		Afrique du Sud		Langue
		Allemagne		Français
		Australie	Autriche	Allemand
		Belarus	Belgique	Anglais
		Brazil	Bulgarie	Arabe
		Canada	Chili	Bulgare
		(continentale)	Chine	Chinois
		Colombie	Corée du	Coréen
		Sud	Croatie	Croate
		Danemark		Danois
		Emir.arab.unis		Espagnol
		Espagne	Estonia	Estonien
		Finlande	Grande	Finnois
		Bretagne	Grèce	Grec
		Hongrie	Inde +	Hindi
		Sikkim	Indonésie	Hongrois
		Ireland	Islande	Hébreu
		Israël	Italie	Indonésien
		Japon	Kazakhstan	Islandais
		Lettonie	Lithuania	Italien
		Macedonia	Malaisie	Japonais
		Mexique	N. Zélande	Kazakh
		Norvège	Pays-Bas	Letton
		Philippines		Lituanien
		Pologne	Portugal	Norvégien
		Roumanie	Russian	Néerlandais
		Federation	Rép.	Polonais
		tchèque	Saudi	Portugais
		Arabia	Serbia	Roumain
		Singapour		Russe
		Slovaquie	Slovénie	Serbe
		Suisse	Suède	Slovaque
		Taiwan, Chine		Slovène
		Thailand	Tunisie	Suédois
		Turquie	Ukraine	Suédais
		USA	Viêt Nam	Tchèque
		Vénézuéla		Thaï
				Turc
				Ukrainien
				Vietnamien

Type de
document
Catalogue
technique
Fiche
Warranty
Matériel
promotionnel
Guide
d'installation
EAC Declaration
Brochure
Article
UA
Declaration
Manuel
d'utilisation
Electrical Safety
Certificate

Titre

**Guide
d'installation**

France

Français

**Instructions SC Twin
Compressors**

AN00008643707201-000101
183 KB

**Matériel
promotionnel**

France

Français

Refrigerant Circuit

AV00008642183800-000402
463 KB

Compresseur Danfoss SC18G - R134a

Cylindrée = 17.69 CM3

APPLICATIONS = HP; BP; MP

Moteur = CSIR

220-240V 50/60Hz



Design

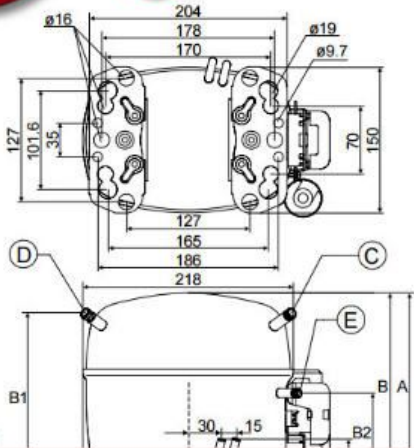
Displacement	cm³	17.69
Oil quantity	cm³	600 (550 on comp. with oil cooler)
Maximum refrigerant charge	g	1300
Free gas vol. in compressor	cm³	1460
Weight without electrical equipment	kg	13.7

Motor

Motor size	watt	495
LRA (rated after 4 sec. UL984) HST	A	18.6
Cut-in current HST	A	18.6
Resistance, main and start winding (25°C)	Ω	3.7/14.1
Approvals	EN 60335-2-34, CCIB	

Dimensions

104G8830 104G8820 104G8822



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R134a	refrigerant	605076	رقم القطعة
HP 1/2	power	SC18G	type
cm³ 17.7	cylinder capacity	W 495	power input
V 220-240	voltage	CSIR	motor system
W 844	power at -10°C	mm 219	height
W 1343	power at 0°C	W 1074	power at -5°C
W -	power at -30°C	W 1655	power at +5°C
W 485	power at -20°C	W 348	power at -25°C
W 2014	power at +10°C	W 649	power at -15°C
HMBP	application	ASHRAE	test method
kg 13.7	weight	Hz 50	frequency



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Visuels

Mbsm_dot_pro_private_PDF_SC18GTélécharger



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Compressor, hermetic, medium temperature, 7 HP, r22, POE, MT80HP4, MT80 HP4, 400/3/50, 460/3/60 volt, 1-3/4" RL — 1-1/8" x 1-1/4" RL — 3/4"

Category: compressor

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Product details

Gross weight 41.58 kg

Net weight 39.1 kg

EAN 5702428839525

Approval standard	CE UL
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Blue
Compressor power supply [V/Ph/Hz]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 Nm
Discharge connection pipe size [in]	3/4 in
Discharge connection rotolock size [in]	1 1/4 in
Discharge connection size [in]	1 1/4 in
Discharge connection sleeve pipe size [in]	3/4 in
Drawing number	8502012g
Economizer	No
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Fitting remark	(shipped with rotolock version only)
Fitting sleeve	ODF
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	Schrader
Generation code	B
Glass mounting	Threaded
Glass torque [Nm]	50 Nm
GP LP torque [Nm]	15 Nm
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 °C
High Side TS Min	-35 °C
High Side Volume	0.6 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V

High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
IP protection class	IP55 (with cable gland)
Low side max pressure (Ps)	18.4 bar
Low Side TS Max	50 °C
Low Side TS Min	-35 °C
Low Side Volume	16.5 L
Low value of nominal voltage at 50Hz [V]	380 V
Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	340 V
Low value of voltage range at 60Hz [V]	414 V
LRA	80 A
MCC	18 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 Nm
Nominal cooling capacity 60 kBTU/h	80.2 kBTU/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 kW
Number of starts per hour [Max]	12
Oil charge [L]	1.8 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 Nm
Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Spade
Refrigerant	R22
Refrigerant charge [kg] [Max]	5 kg
Relief valve	30 bar/8 bar
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Air conditioning Refrigeration MT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts and gaskets
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
Shipped oil	Initial oil charge

Suction connection height [mm]	265 mm
Suction connection mounting torque [Nm]	110 Nm
Suction connection pipe size [in]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm ³]	135.78 cm ³
Technology	Reciprocating
Test dif [bar] [Max]	30 bar
Test HP [bar] [Max]	30 bar
Test LP [bar] [Max]	25 bar
Torque earth [Nm]	3 Nm
Torque power [Nm]	3 Nm
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	1.94 Ohm

Description

Product details

Gross weight 44.5 kg
Net weight 42 kg
EAN 5702428839525
Gross weight 44.5 kg
Net weight 42 kg
EAN 5702428839525

Approval standard	CE UL
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Blue
Compressor power supply [V/Ph/Hz]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 N-m
Discharge connection pipe size [in]	3/4 in

Discharge connection rotolock size [in]	1 1/4 in
Discharge connection size [in]	1 1/4 in
Discharge connection sleeve pipe size [in]	3/4 in
Drawing number	8502012g
Economizer	No
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Fitting remark	(shipped with rotolock version only)
Fitting sleeve	ODF
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	Schrader
Generation code	B
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°C
High Side Volume	0.6 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
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Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	340 V
Low value of voltage range at 60Hz [V]	414 V
LRA	80 A
MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Nominal cooling capacity 60 kBTU/h	80.2 kBTU/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 kW
Number of starts per hour [Max]	12
Oil charge [L]	1.8 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 N-m

Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Spade
Refrigerant	R22
Refrigerant charge [kg] [Max]	5 kg
Relief valve	30 bar/8 bar
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Air conditioning Refrigeration MT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts and gaskets
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
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Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm3]	135.78 cm3
Technology	Reciprocating
Test dif [bar] [Max]	30 bar
Test HP [bar] [Max]	30 bar
Test LP [bar] [Max]	25 bar
Torque earth [Nm]	3 N-m
Torque power [Nm]	3 N-m
Total height [mm]	413 mm
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Type designation	Compressor
Viscosity [cP]	32 cP
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Capacity control	Fixed speed

Colour	Blue
Compressor power supply [V/Ph/Hz]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	MT080-4
Diameter [mm]	288 mm
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Discharge connection mounting torque [Nm]	90 N-m
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Discharge connection size [in]	1 1/4 in
Discharge connection sleeve pipe size [in]	3/4 in
Drawing number	8502012g
Economizer	No
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Fitting remark	(shipped with rotolock version only)
Fitting sleeve	ODF
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	Schrader
Generation code	B
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°C
High Side Volume	0.6 L
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High value of voltage range at 50Hz [V]	460 V
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LRA	80 A

MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
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Nominal cooling capacity 60 kBTU/h	80.2 kBtu/h
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Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
Phase	3
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Refrigerant charge [kg] [Max]	5 kg
Relief valve	30 bar/8 bar
Rotational speed at 50Hz [rpm]	2900 rpm
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Torque earth [Nm]	3 N-m

Torque power [Nm]	3 N-m
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [0hm]	1.94 0hm

Refrigerant: R22, Segment usage: Air conditioning;Refrigeration MT, Compressor power supply [V/Ph/Hz]: 400/3/50 460/3/60

Product details

Gross weight 44.5 kg
Net weight 42 kg
EAN 5702428839525
Gross weight 44.5 kg
Net weight 42 kg
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Approval standard	CE UL
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Blue
Compressor power supply [V/Ph/Hz]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 N-m
Discharge connection pipe size [in]	3/4 in
Discharge connection rotolock size [in]	1 1/4 in
Discharge connection size [in]	1 1/4 in
Discharge connection sleeve pipe size [in]	3/4 in
Drawing number	8502012g
Economizer	No
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Fitting remark	(shipped with rotolock version only)
Fitting sleeve	ODF
Fitting standard	Rotolock
Frequency [Hz]	50/60

Gauge port HP	None
Gauge port LP	Schrader
Generation code	B
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°C
High Side Volume	0.6 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
IP protection class	IP55 (with cable gland)
Low side max pressure (Ps)	18.4 bar
Low Side TS Max	50 Â°C
Low Side TS Min	-35 Â°C
Low Side Volume	16.5 L
Low value of nominal voltage at 50Hz [V]	380 V
Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	340 V
Low value of voltage range at 60Hz [V]	414 V
LRA	80 A
MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Nominal cooling capacity 60 kBTU/h	80.2 kBTu/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 kW
Number of starts per hour [Max]	12
Oil charge [L]	1.8 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 N-m
Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Spade
Refrigerant	R22
Refrigerant charge [kg] [Max]	5 kg

Relief valve	30 bar/8 bar
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Air conditioning Refrigeration MT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts and gaskets
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
Shipped oil	Initial oil charge
Suction connection height [mm]	265 mm
Suction connection mounting torque [Nm]	110 N-m
Suction connection pipe size [in]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm ³]	135.78 cm ³
Technology	Reciprocating
Test dif [bar] [Max]	30 bar
Test HP [bar] [Max]	30 bar
Test LP [bar] [Max]	25 bar
Torque earth [Nm]	3 N-m
Torque power [Nm]	3 N-m
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	1.94 Ohm
Approval standard	CE UL
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Blue
Compressor power supply [V/Ph/Hz]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 N-m
Discharge connection pipe size [in]	3/4 in
Discharge connection rotolock size [in]	1 1/4 in

Discharge connection size [in]	1 1/4 in
Discharge connection sleeve pipe size [in]	3/4 in
Drawing number	8502012g
Economizer	No
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Fitting remark	(shipped with rotolock version only)
Fitting sleeve	ODF
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	Schrader
Generation code	B
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°C
High Side Volume	0.6 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
IP protection class	IP55 (with cable gland)
Low side max pressure (Ps)	18.4 bar
Low Side TS Max	50 Â°C
Low Side TS Min	-35 Â°C
Low Side Volume	16.5 L
Low value of nominal voltage at 50Hz [V]	380 V
Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	340 V
Low value of voltage range at 60Hz [V]	414 V
LRA	80 A
MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Nominal cooling capacity 60 kBTU/h	80.2 kBtu/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 kW
Number of starts per hour [Max]	12
Oil charge [L]	1.8 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 N-m

Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Spade
Refrigerant	R22
Refrigerant charge [kg] [Max]	5 kg
Relief valve	30 bar/8 bar
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Air conditioning Refrigeration MT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts and gaskets
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
Shipped oil	Initial oil charge
Suction connection height [mm]	265 mm
Suction connection mounting torque [Nm]	110 N-m
Suction connection pipe size [in]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm3]	135.78 cm3
Technology	Reciprocating
Test dif [bar] [Max]	30 bar
Test HP [bar] [Max]	30 bar
Test LP [bar] [Max]	25 bar
Torque earth [Nm]	3 N-m
Torque power [Nm]	3 N-m
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	1.94 Ohm







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Compresseur à piston Danfoss Maneurop MT22JC5PVE (2.0HP / 1PH) Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH) Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH) Compresseur à piston Danfoss Maneurop 3PH (2.3HP / 1PH) 2.6HP / 1PH) Compresseur à piston Danfoss Maneurop MT32JF4DVE (2.6HP / 3PH); Compresseur à piston Danfoss Maneurop MT36JG5CVE (3.0HP / 1PH) Compresseur à piston Danfoss Maneurop MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Compresseur à piston Danfoss Maneurop 3KFHB4 (3.6PH) 4.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT56HL4BVE (4. 6HP / 3PH) Compresseur à piston Danfoss Maneurop MT64HM4DVE (5.3HP / 3PH) Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH) Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH) Compresseur à piston Danfoss Maneurop 4.0 Compresseur à piston MT144HV4AVE (12,0HP / 3PH) Compresseur à piston Danfoss Maneurop MT160HW4EVE (13.3HP / 3PH) Compresseur à piston Danfoss Maneurop MT22JC5VE (2.0HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MT22JC4AVE

(2.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ28JE5AVE
 (2,3 HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ28JE4AVE
 (2,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ32JF5AVE
 (2,6 CV / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ32JF4BVE
 (2.6HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ36JG5AVE
 (3.0HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ36JG4BVE
 (3.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ40JH4AVE
 (3,3 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ50HK4CVE
 (4,0 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ56HL4BVE
 (4,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ64HM4CVE
 (5,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ72HN4AVE
 (6,0 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ80HP4AVE
 (6,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ100HS4VE
 (8,3 CV / 3 PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ125HU4VE
 (10.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ144HV4AVE
 (12,0 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop
 MTZ160HE4AVE (13,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss
 Maneurop NTZ048A4LR1A (2.0HP / 3PH); [R134A, R404, R507] Compresseur à piston
 Danfoss Maneurop NTZ068A4LR1A (3,5 CV / 3PH); [R134A, R404, R507] Compresseur à
 piston Danfoss Maneurop NTZ096A4LR1A (4,5 CV / 3PH); [R134A, R404, R507]
 Compresseur à piston Danfoss Maneurop NTZ108A4LR1A (5,0 CV / 3PH); [R134A, R404,
 R507] Compresseur à piston Danfoss Maneurop NTZ136A4LR1A (6,5 CV / 3PH); [R134A,
 R404, R507] Compresseur à piston Danfoss Maneurop NTZ215A4LR1A (10,0 HP /
 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ271A4LR1A
 (13.0HP / 3PH); [R134A, R404, R507] COMPRESSEUR MANEUROP 2.0HP MT22 MANEUROPE
 2.0HP MT22 COMPRESSEUR MANEUROP COMPRESSEUR MTZ-22JE-4VE R404A MANEUROPE 2.30HP
 MT28JE-5PVE MT28-5VI / MT28-5VM COMPRESSEUR MANEUROP 2.30HP MT28JE-5PVE MT28-5VI
 / MT28-5VM COMPRESSEUR MANEUROPEUR 2.30H5 / R404A) COMPRESSEUR MANEUROP 2.8HP
 MTZ32-5VM (R134a / R404A / R507) COMPRESSEUR MANEUROP MT32JF5MVE 2-3 / 4HP
 ((R22) COMPRESSEUR MANEUROP 3.0HP MT36JG4FVE (MT36-4VI / MT36-4VM) (R22)
 COMPRESSEUR 3.0HP COMPRESSEUR MT36 MANEUROP 3.3HP MT40JH4EVE COMPRESSEUR
 MANEUROP 3.3HP MTZ40-JH4AVE COMPRESSEUR (R407A / C / F / R134A / R404A / R507)
 Compresseur MANEUROP MTZ-36-JG4AVE (R407C / R134a / R404A-R407C / R134a / R404A)
 -Compresseur JH4AVE (R134a / R404A) – Compresseur 3.3HP 3PH MANEUROP MTZ-44-
 HJ4AVE (R134a / R404A) – 3. 5HP 3PH MANEUROP 4HP MTZ-50HK-4CVE (MTZ50-4VI /
 MTZ50-4VM) COMPRESSEUR (R134A / R404A) MANEUROP MTZ56HL3BVE R407c, R134a, R507a,
 R404a compresseur MANEUROP MT-64-4VM COMPRESSEUR MANEUR 64-4VM COMPRESSEUR
 MANEUR COMPRESSEUR MT72-4VM COMPRESSEUR MANEUROP MT-80-4VM (6.5HP) Compresseur
 MANEUROP 6.6HP MT81HP4AVE COMPRESSEUR MANEUROP MTZ80HM4DVE COMPRESSEUR MANEUROP
 8.5HP MT100-4VM COMPRESSEUR MANEUROPE 10HP MT100-4VM (MT100HS4DVE) COMPRESSEUR
 10HP MT100-4VM (MT100HS4DVE) COMPRESSEUR MT12M10 MANHOP 4-COMPRESSEUR 10HP R22)
 COMPRESSEUR MANEUROP 10HP MTZ125HW4AVE (R404A / R134A / R507 / R407C)
 COMPRESSEUR MANEUROPE 12HP MT144-4VM COMPRESSEUR MANEUROPE 13.3HP MT160-4VM
 (MT160HW4DVE) COMPRESSEUR MANZVMER 10 COMPRESSEUR MANZVM4 (MT160HW4DVE) / 2 ‘)
 SER. KIT POUR MT-28 MANEUROP 7703009 (1-1 / 8 ‘& 3/4’) SER.

compressor, R134a, AE4430Y-FZ, HERMÉTIQUE-TECUMSEH, 220-240V 50Hz, 1/4HP++, HMBP, 1/3HP, 337W, AEZ4430Y

Category: compressor

written by www.mbsm.pro | 14 December 2021

Compressor Tecumseh L` Unite AEZ4430Y/AE4430Y, HBP – R134a, 220 – 240V, 50 Hz, 1 phase
*Warning – equivalent goods: AE4430Y will be delivered

Refrigerant:	R134a
Power range(W):	701 – 1000 W
Connecting size:	3/16"
Suction:	1/4"
Working area:	HBP
Design type:	Hermetic
Model series:	AE
Use with:	Expansion/Capillary
Power supply:	230 V
Oil type:	POE
Engine type:	CSIR
Article condition:	New
Info:	Oil filled
Shipping weight:	12,20 Kg
Contents:	1,00 Pieces
Dimensions (height):	19,90 cm
customs tariff number:	84143081
Manufacturer:	Tecumseh L` Unite
Model:	AEZ4430Y
Stroke volume (cm3):	8,8
Performance condition:	+5 / +50 °C
Power (W):	768
Engine type:	CSIR
dbA @ 1m:	50
Note:	Fan cooling necessary
Equipment:	Start-Capacitor 50 uF / 250V
Oil quantity (l):	0,35
Compressor type:	Piston
Suction (inch):	1/4
Discharge (inch):	3/16
Alternative:	AE4430Y



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Compressor Tecumseh L` Unite AE4430Y/AEZ4430Y, HBP – R134a, 220 – 240V, 50 Hz, 1

phase, discharge: 8.02 cm³, oil type: POE, oil charge: 280 cm³, electrical equipment CSIR, cooling power: 702 W at +5 / +50 °C, connection: suction: 1/4 inch, discharge: 3/16 inch, sound level: 56 dBA, start capacitor: 50uF/250V, expansion device: capillary or with expansion valve, cooling: forced, height: 200 mm, weight: 9.7 kg

							
CODE CD	TYPE	CODE CD	TYPE	CODE CD	TYPE	CODE CD	TYPE
FRD255	ML60TB	FRD696	FRD6CL	VD6063	NB6165GK	BTD2876	AEZ4430Z
FRD137	GP14TB	-	NL11MF	-	NE6210Z	FRD464	CAE4440Y
VD6043	GP12TB	FRD463	FRG11- NL10MF	SOMD1432	NE6187Z	-	-
FRD256	ML80TB	-	NL7MLX	-	NE6181GK	BTD2742	AEZ4440Z
MED2302	MP14TP	-	-	FRD158	T6217GK	FRD443	CAE9470Z
FRD257	ML90TB	-	-	-	NE6210GK	FRD442	CAE4450Z
PLD1803	GL45TB	FRD333	TL5G	-	BP6125H	CHD2658	THB4415Y
ISD1007	MR22FB	FRLD2643	SC21CL	SOMD17676	T2180GK	MED2261	CAJ2440Z
FRD665	MX18FB	FRD271	SC15CL	-	T2168GK	PLD1781	CAJ2428Z
ITD281	ML45TB	-	-	-	NB6144GK	FRD254	AEZ4425Z
VD6041	GL90TB	FRD128	FR10G- NL8.4MF	FRD130	NE6170Z	FRD501	AEZ4430Y
ITD284	MP12TB	-	SC10MLX	FRD144	NE9213GK	INF2116	CAE9460Z
-	GP12FB	FRD463	FR11G	FRD140	NE2121Z	-	AEZ2410Y
FRD695	MS34FB	-	-	FRD467	N2212GK	MARD1027	CAJ2464Z
-	MX16TB	-	SC15MLX	FRD156	T6220GK	VD6062	CAJ9480Z
SOMD17024	MX18TB	BTD2337	SC18MLX	FRD159	T6222GK	FRD444	CAJ9510Z
PLD1805	GL80TB	SOMD10205	FR7.5G- NL7.3MF	-	NE6160Z	FXD1075	AEZ4425Y
-	GL80PB	SOMD10205	FR7.5G- NL7.3MF	-	NE5160Z	-	-
GVD66397	MP12FB	ICD6006	SC12CL	FRLD2524	T2155GK	-	CAE2420Z
PLD1807	GL60TB	FRLD2624	NL6.1MF	IAD1434	NB6144Z	SOMD17679	THB4419Y- THB4422Y
VD6022	GL90AA	-	NLE9F	FRD142	NB2118Z	-	AEZ2380Y

							
CODE CD	TYPE	CODE CD	TYPE	CODE CD	TYPE	CODE CD	TYPE
-	GL40PB	-	-	FRD135	BF5132H	-	-
MED2303	MX21FB	VD6019	SC18CL	FRD164	T2178GK	PLD1782	CAJ2432Z
-	MS26FB	-	GS26CLX	FRD154	NJ2192GK	PLD1784	CAJ2446Z
VD6040	L76TN	-	-	-	NE6181E	-	AEZ4440E
IAD1475	ML80FB	IAD1448	FR8.5CL	FRD157	NE2125GK	ARD3991	AEZ2415Z
GVD66397	MP12FB	FRD475	SC10CL	FRD146	NE2134GK	-	CAE2417Z- CAE2420Z
GVD19540	ML90FB	FRD475	SC10CL	IAD1426	NEK2134GK	-	CAE2417Z- CAE2420Z
ISD1007	MR22FB	FRLD2643	SC21CL	IAD1383	T2180GJ	MED2261	CAJ2440Z
FRD257	ML90TB	-	-	FRD145	NEK6210GK	FRD442	CAE4450Z
ITD284	MP12TB	-	SC12MLX	FRD144	NE9213GK	INFD2116	CAE9460Z
-	MR22TB	-	GS21MLX	FRD259	NJ9226GK	FRD476	CAJ9513Z
IAD1384	MS26TB	-	GLS26MLX	IAD1461	NJ9232GK	ITD955	CAJ4517Z
FRD473	MS34TB	-	GLS34MLX	INFD1730	NJ9238GK	FRD468	CAJ4519Z
ZDA2548	GX18TB	-	-	FRD131	T6213Z	FRD461	CAE4448Y
IAD1475	ML80FB	IAD1448	FR8.5CL	IAD1432	NEK2125GK	-	AEZ2415Z
IAD1376	MP14FB	ICD6006	SC12CL	FRD162	NEK2150GK	-	CAE2420Z
ZDA2548	GX18TB	IAD1366	SC18G	FRD139	T6215Z	-	CAE4461Y
-	GL90PB	FRD128	FR10G- NL8.4MF	-	NE5170Z	-	-
VD6032	L45TN	-	-	FRD179	NB6152E	-	-
VD6034	L57TN	-	-	-	NB6165E	FGD4617	AEZ4430E
VD6036	L88TN	-	-	-	NE6210E	FGD4604	CAE4450E- CAE9450T

LOW BACK PRESSURE COMPRESSORS

Type	COMPRESSOR MODELS	Nominal Power (H.P.)	Refrigerant		REFRIGERATION CAPACITY AT 50HZ Rated 54.5°C Cond Temp (Watts)								VOLTAGE
			Displacement (cm ³)	Oil charge (cm ³)	Evaporating Temperature								
					-25°C	-15°C	-10°C	-5°C	0°C	+7.2°C	+15°C		
PISTON	THB4410Y	1/8	R134a	2.72	250	65.8	74	101	132	170	237	332	220-240V/1/50Hz
	THB4413Y	1/7	R134a	3.58	250	95.3	104	137	178	227	315	436	220-240V/1/50Hz
	THB4415Y	1/6	R134a	4.23	250	117	123	160	206	262	363	502	220-240V/1/50Hz
	THB4419Y	1/5	R134a	5.20	250	132	149	194	251	319	439	602	220-240V/1/50Hz
	THB4422Y	1/5	R134a	6.10	250	176	194	248	315	394	533	717	220-240V/1/50Hz
	AEZ4425Y	1/5	R134a	7.55	450	116	185	260	350	455	635	866	220-240V/1/50Hz
	AEZ4430Y	1/4	R134a	8.85	450	195	245	328	432	558	777	1065	220-240V/1/50Hz
	CAE4440Y	1/3	R134a	12.05	450	236	310	421	561	731	1026	1413	220-240V/1/50Hz
	CAE4448Y	3/7	R134a	14.15	450	344	403	530	693	892	1242	1705	220-240V/1/50Hz
	CAE4456Y	7/16	R134a	16.2	450	381	458	604	787	1009	1396	1904	220-240V/1/50Hz
	CAJ4452Y	3/7	R134a	15.2	887	226	370	528	724	957	1358	1879	220-240V/1/50Hz
	CAJ4461Y	1/2	R134a	18.3	887	370	475	642	856	1115	1569	2168	220-240V/1/50Hz
	TAJ4461Y												400V/3/50Hz
	CAJ4476Y	5/8	R134a	21.75	887	352	536	756	1030	1358	1926	2668	220-240V/1/50Hz
	CAJ4492Y	3/4	R134a	25.95	887	255	584	871	1215	1617	2295	3164	220-240V/1/50Hz
	TAJ4492Y												400V/3/50Hz
	CAJ4511Y	1	R134a	32.7	887	569	878	1227	1654	2160	3026	4148	220-240V/1/50Hz
	TAJ4511Y												400V/3/50Hz
	FH4581Y	1-1/2	R134a	53.2	1330	208	1036	1650	2371	3200	4583	6333	220-240V/1/50Hz
	TFH4518Y												400V/3/50Hz
	FH4525Y	2	R134a	74.25	1330	1155	1667	2343	3201	4329	6053	8442	220-240V/1/50Hz
	TFH4525Y												400V/3/50Hz

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MEDIUM/HIGH BACK PRESSURE COMPRESSORS

Type +	COMPRESSOR+ MODELS+ +<
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MEDIUM/HIGH BACKPRESSURE COMPRESSORS

TYPE	COMPRESSOR MODELS	Nominal Power (H.P.)		Refrigerant	Displacement t (cm ³)	Motor type	REFRIGERATION CAPACITY AT 50HZ Rated @54.5°C Cond Temp (Watts)						VOLTAGE
			Evaporating Temperature										
			-15°C				-9.4°C	-3.9°C	+7.2°C	+10.0°C	+12.8°C		
PISTON	AE3414YS	1/6	R134a	4.49	RSIR	116	159	212	354	398	446	220-240V/1/50Hz	
	AE3417YS	1/6	R134a	5.67	RSIR	148	203	270	451	507	568	220-240V/1/50Hz	
	AE4425YS	1/5	R134a	7.57	CSIR	221	303	403	673	757	849	220-240V/1/50Hz	
	AE4430YS	1/4	R134a	8.85	CSIR	262	358	477	796	896	1003	220-240V/1/50Hz	
	AE4440YS	1/3	R134a	12.04	CSIR	346	474	631	1054	1186	1328	220-240V/1/50Hz	
	AE4448YS	3/7	R134a	14.17	CSIR	404	553	736	1230	1383	1550	220-240V/1/50Hz	

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THE NEW TWO GENERATION BRAZIL COMPRESSORS

TYPE	COMPRESSOR MODELS	Nominal Power (H.P.)			REFRIGERATION CAPACITY AT 50HZ Rated @54.5°C Cond Temp (Watts)								VOLTAGE
			Refrigerant	Displacement (cm ³)	Evaporating Temperature								
-20°C	-15°C	-10°C	-5°C	0°C	+15°C	+10°C	+5°C						
PISTON	AE4425Y-FZ1A	1/5	R134a	6.69	160	237	312	390	479	583	709	863	220-240V/1/50HZ
	AE4430Y-FZ1A	1/4	R134a	8.02	239	270	352	450	566	702	861	1045	220-240V/1/50HZ
	AE4440Y-FZ1A	1/3	R134a	10.33	332	369	471	591	733	899	1093	1317	220-240V/1/50HZ
	AE4450Y-FZ1C	3/8	R134a	13.24	345	478	620	778	957	1163	1402	1680	220-240V/1/50HZ
	AE4456Y-FZ1C	1/2	R134a	14.51	479	534	682	854	1052	1282	1547	1853	220-240V/1/50HZ
	AE4460Y-FZ3C	1/2	R134a	15.09	435	561	712	890	1095	1330	1594	1889	220-240V/1/50HZ

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MEDIUM/HIGH BACK PRESSURE COMPRESSORS

TYPE	COMPRESSOR MODELS	Nominal Power (H.P.)	Refrigerant			REFRIGERATION CAPACITY AT 50HZ Rated @54.5°C Cond Temp (Watts)							VOLTAGE
			Displacement (cm ³)	Oil charge (cm3)	Evaporating Temperature								
					-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C		
ROTARY	RGA/HGA4467Z	1/2	R404A	9.50	290	679	847	1047	1283	1557	1872	2231	220-240V/1/50Hz
	BGA/HGA4480Z	2/3	R404A	11.50	290	825	1017	1252	1530	1851	2212	2613	220-240V/1/50Hz
	RGA/HGA4492Z	3/4	R404A	12.50	290	905	1133	1398	1706	2060	2468	2932	220-240V/1/50Hz
	RGA/HGA4512Z	1	R404A	16.10	290	1163	1438	1770	2160	2609	3118	3689	220-240V/1/50Hz
	RGA/HGA4445Y	1/3	R134a	9.50	290	392	493	618	770	954	1173	1430	220-240V/1/50Hz
	RGA/HGA4450Y	2/5	R134a	11.50	290	501	625	778	963	1184	1445	1749	220-240V/1/50Hz
	RGA/HGA4460Y	1/2	R134a	12.70	290	537	677	844	1045	1287	1576	1920	220-240V/1/50Hz
	RGA/HGA4576Y	2/3	R134a	16.10	290	696	870	1086	1349	1662	2030	2457	220-240V/1/50Hz

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Compressor, r600a, 1/5HP, LBP, 149W, htk12aa, Electrolux, Brandt, 220-240V 50Hz, Run Capacitor: 4.0 µF (5.0 µF as alternative) , Motor type RSCR/RSIR

Category: compressor

written by www.mbsm.pro | 14 December 2021

compressor/compressor ACC – Electrolux HTK12AA, LBP – R600a, Power consumption 1/5HP++, 220-240V/1/50Hz, Motor type RSIR, Injection: Capillary operation, Displacement 11.1 cm³, Oil type mineral oil, Oil quantity 170 cm³, Power 116 W at -25 / +55°C, Power consumption 149 W, Current 0.77, Weight 8.6Cooling capacity

-10 °C	-15 °C	-20 °C	-25 °C	-30 °C	-35 °C
300	240	188	144	107	78

Shipping Class	Standard
Scope Of Application	LBP
Lieferzeit	2-3 Wochen
Type Of Construction	Piston
Condensation Temperature	55°C
Maker	ACC
Manufacturer No.	HPY12AA
Displacement In Cm3	11.1
Measuring Requirements	Ashrae
Refrigerants	R600a
Series	HPY
Condensing Units Compressors	Compressors
Suspense	220-240V
Weight In Kg	12.7

1. Be the first to review this product

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Verdichter - Cubigel

R-600a, LBP

Hermetische Verdichter für Kapillarrohrbetrieb.
Hochleistungs-Verdichter mit Betriebskondensatoren.
LBP Temperaturbereich -30 °C bis -10 °C.
Netzspannung 220 - 240 V / 50 Hz.



Artikelnr.	Typ	Leistung (PS)	Kälteleistung [W] T _s -25 °C, T _k +45 °C
			-25
47-32 HQY45AA	HQY 45 AA	1/12	52
47-32 HQY55AA	HQY 55 AA	1/9	62
47-32 HQY70AA	HQY 70 AA	1/8	80
47-32 HQY80AA	HQY 80 AA	1/7	99
47-32 HQY90AA	HQY 90 AA	1/7	109
47-32 HQY99AA	HQY 99 AA	1/6	119
47-32 HPY12AA	HPY 12 AA	1/5	144
47-32 HPY14AA	HPY 14 AA	1/5	166
47-32 HPY16AA	HPY 16 AA	1/4	181

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 **Hinweis: Bilder Können vom Produkt abweichen**

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Caj4492A, R12, Tecumseh, Refrigeration, Compressor, 3/4HP, Medium/High Back Pressure

Category: compressor

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Caj4492A, R12, Tecumseh, Refrigeration, Compressor, 3/4HP, Medium/High Back Pressure

Compressor, Danfoss, Secop, SC18G,
104g8822, 1/2HP, R134A, 685 Litres,
Presentoire cokacolla, LBP/HBP

Category: compressor

written by www.mbsm.pro | 14 December 2021





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OverviewQuick detailsType :compressorBrand Name :SECOPModel Number :
ASC18GCertification :CE, CCCAfter-sales service provided :No overseas service
provided.Gas :R134aType :PistonPower Source :AC PowerLubrication
Style :LubricatedMute :YesPackage :wooden case or cartonApplication :Danfoss
Freezer CompressorDelivery time :7-20 DaysSpecial period :1 monthSupply
AbilitySupply Ability3000 Piece / Pieces per MonthPackaging and
shippingPackaging Details1.For small order quantity: packed with a wooden case
or carton.

2.For full container: packed with pallet, 24 pallets in one 20ft
container.postureGuangZhou, huangpu portProcessing time:: A.7-30 days

1.Product name:

1, Danfoss refrigeration / refrigeration compressor SC18G

2.Type: LBP 3.Voltage

: 220 ~ 240V / 50Hz, 1 / 2HP

No	Model	HP	Temperature	Electricity	Refrigerant
1	SC10C	1/3	LBP	220~240V/50HZ	R22
2	SC12C	3/8	LBP	220~240V/50HZ	R22
3	SC15CM	1/2	LBP	220~240V/50HZ	R22
4	SC18CM	5/8	LBP	220~240V/50HZ	R22
5	SC10D	3/8	MBP	220~240V/50HZ	R22
6	SC12D	1/2	MBP	220~240V/50HZ	R22
7	SC15D	5/8	MBP	220~240V/50HZ	R22
8	SC10G	5/16	MBP	220~240V/50HZ	R22
9	SC12G	1/3	MBP	220~240V/50HZ	R134A
10	SC15G	3/8	MBP	220~240V/50HZ	R134A
11	SC18G	1/2	MBP	220~240V/50HZ	R134A
12	SC21G	5/8	MBP	220~240V/50HZ	R134A
13	SC10CL	1/3	LBP	220~240V/50HZ	R404a
14	SC12CL	3/8	LBP	220~240V/50HZ	R404a
15	SC15CL	1/2	LBP	220~240V/50HZ	R404a
16	SC18CL	5/8	LBP	220~240V/50HZ	R404a
17	SC21CL	7/8	LBP	220~240V/50HZ	R404a

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4. Gas consumption: R134a



Everest

Number	: 1117825	Model	: EV 024 SD		
Volume	: 1.2 CBM	Capacity	: 685 LTRS		
Weight	: 157 KG	Color/Logo	: RED		
Consumption	: 14 Kwh/24 hrs	Date	: DEC 2011		
0 Hz	: 50	Ref. Type	: R134A	GRMS	: 475
2 Watt	: 646	Climate Class	: D		
Capacity at 0 Deg.C evaporator temperature: 980					



Lightage of Lamps: 20(TOP) 40(SIDE)

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AHT

Innenraumbeleuchtung
Light inside cabinet

(+)

220-240V/50Hz

50 W

0.21 A

IP 21

LE221

10

Suppression max. de service admis
Sécurité propre selon VVV-VBG 7
Imperméabilité examinée



consignes locales de la mise au rebut. Faites attention de ne pas endommager

no frost, egl99aa zmc refrigerator,
DF40, silver, ideal, zanussi, IDEAL
ZANUSSI, EGL99AA ZMC, DF 40 Elgance,
Compressor, ACC Cubigel, Huayi,
Electrolux, ZEM GL99AA, GL99AA, LBP ,
R134a, 220-240V/1/50Hz, 1/4 HP,
discharge 9.93 cm³, motor type RSIR,
LRA 14.4A

Category: compressor

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Mbsm_dot_pro_private_PDF_GL99AA-compresseur-acc-cubigell-gl99aaTélécharger
Mbsm_dot_pro_private_PDF_GL99AATélécharger

Compressor ACC Cubigel Huayi Electrolux ZEM GL99AA, LBP – R134a,
220-240V/1/50Hz, 1/4 HP, discharge 9.93 cm³, motor type RSIR, LRA 14.4A,
expansion device: capillary, cooling: static, weight 11 kg , the statutory
warranty period shall apply (24 months), Delivery time Info: with “immediately
available” and “scarce stock”, usually delivery within 2 days. For “currently
not available” delivery time usually 2 weeks or delivery time in urgent cases
contact us.

Refrigerant:	R134a
Power range(W):	101 – 200 W
Performance range (C):	-35 C to -10 C
Connecting size:	4,9 mm
Suction:	6,5 mm
Working area:	LBP
Design type:	Hermetic
Model series:	GL
Use with:	Capillary
Power range(HP):	0-2
Power supply:	230 V
Oil type:	ISO VG 22 Ester
Engine type:	RSIR
Article condition:	New
Info:	Oil filled
Shipping weight:	13,00 Kg
Dimensions (length × width × height):	23,10 × 16,20 × 18,60 cm

Cooling capacity condition:	T0 -25 C, Tk +55 C
Manufacturer:	ACC Cubigel Huayi Electrolux ZEM
Model:	GL99AA
Stroke volume (cm3):	9,93
Cooling capacity (W):	174
Power (HP):	0,25
Max. Starting current (A):	14,4
Max. Operating current (A):	1,31
Engine type:	RSIR
COP:	0,92
Note:	Static cooling
Conveying and suction volume (m3):	1,72
Oil quantity (l):	0,295
Compressor type:	Piston
Cooling:	Static
RPM:	2900
Power range:	-35 C to -10 C
Alternative:	HLY90AA, NL11F
Pressure line (mm):	4,9
Suction line (mm):	6,5



COMPRESSOR

Displacement (cm ³)	9.95
Diameter (mm)	25.4
Stroke (mm)	19.62
Net Weight (Kg)	9.6
Oil type	ISO VG 22 ESTER
Oil charge (cm ³)	295

MOTOR

Approximate Power (CV)	1/4
Voltage/Frequency (V/Hz)	220V 50Hz
Voltage range (V)	187-264
Code	-
Type	RSIR
Phase number	1 PH
Locked rotor current (A)	14.0
Main W. resist. at 25°C (Ω)	9.96
Start W. resist. at 25°C (Ω)	20.39

ELECTRICAL COMPONENTS

Relay	PTC 3003 - K100		
Nominal voltage (V)	200 - 240		
Resistance μ	14,00		
Protector	MRP336JZ	T0377	AE11FU

APPLICATION

Application	Low back pressure
Refrigerant	R134a
Evaporating (°C)	-35 to -10
Expansion	Capillar
Comp. cooling	Static
Max. ambient temp. (°C)	43

NOMINAL PERFORMANCE

	CYCLE A	CYCLE B
Cooling capacity (W)	175	238
Input power (W)	189	200
EER (kcal/Wh)	0.79	1.02
COP (W/W)	0.92	1.19
Current (A)	1.31	1.34

TEST CONDITIONS

Evaporating temp. (°C)	-25.0	-23.3
Condensing temp. (°C)	55.0	55.0
Liq.t. entering expan. (°C)	55.0	32.0
Ambient t. and return (°C)	32.0	32.0
Tens/Freq (V/Hz)	220V 50Hz	220V 50Hz

موديل : KGT1

الشركة العالمية لصناعة الأجهزة المنزلية - الاسكندرية

١,٢ أمبير

١٩٥ وات

٥٠ هيرتز

٢٢٠ فولت

السعة : ١,٣ اقدم

درجة الحماية : IPX2

التصنيف : ST

الشحنة : ١٧٠ جم ف ١٣٤ ا

سنة الانتاج

No.

م.ق.م

صنع في مصر

200

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٢٠٠٥/٢٢٠

Made in Egypt



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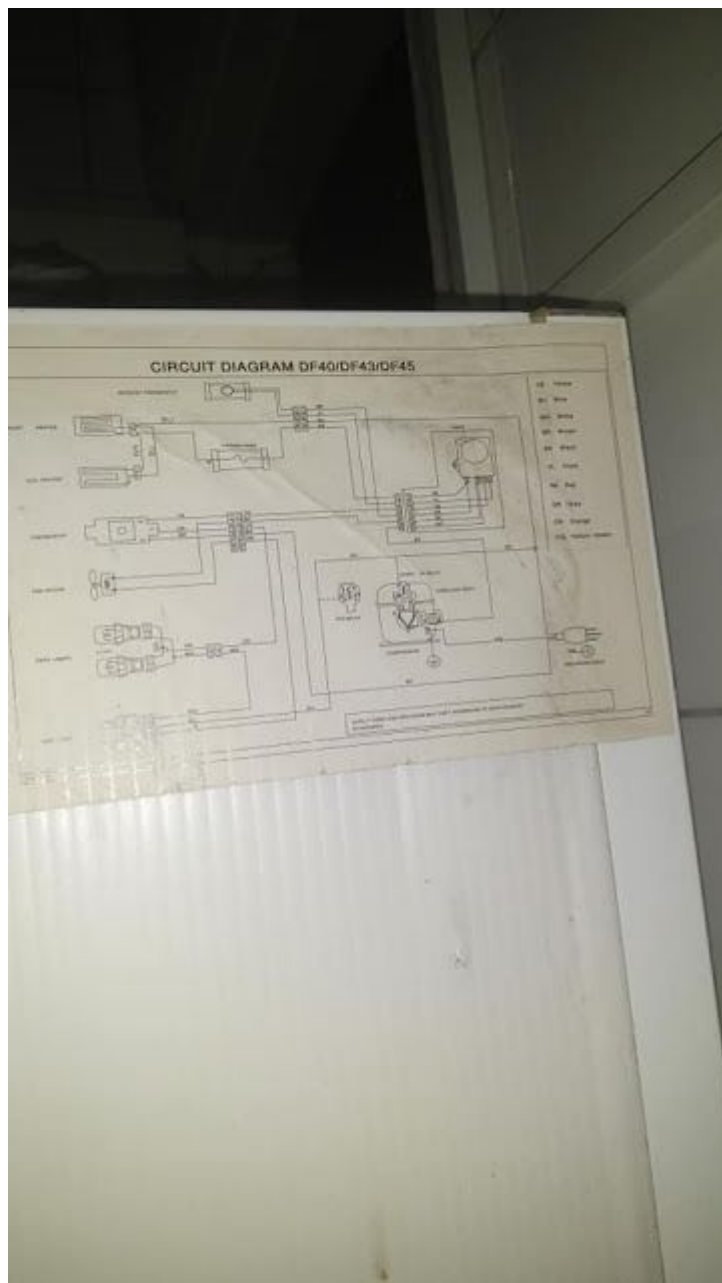
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ZMC

EGL99AA 1002

220-240V~50Hz

R 134 a

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3

480

0250659



Tecumseh, Copeland, Compressor,
Cross, Reference, P12FW, Compressor,
R-12, 1/3HP, 230V, HMBP, ACC-
ELECTROLUX, CUBIGEL/HUAYI

Category: compressor

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Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12,
1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

Whirlpool, Aspera, NE2125E, LBP, capacitive, start inductive run, hermetic compressor, R22, 1/4Hp++ or 1/3Hp–

Category: compressor

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compressor Aspera NE2125E, LBP – R22, 220-240V / 1 / 50Hz, stroke volume 8.78 cm³, LRA 11.0A, motor type CSIR, capillary tube / expansion valve operation, oil AB 46.Cooling

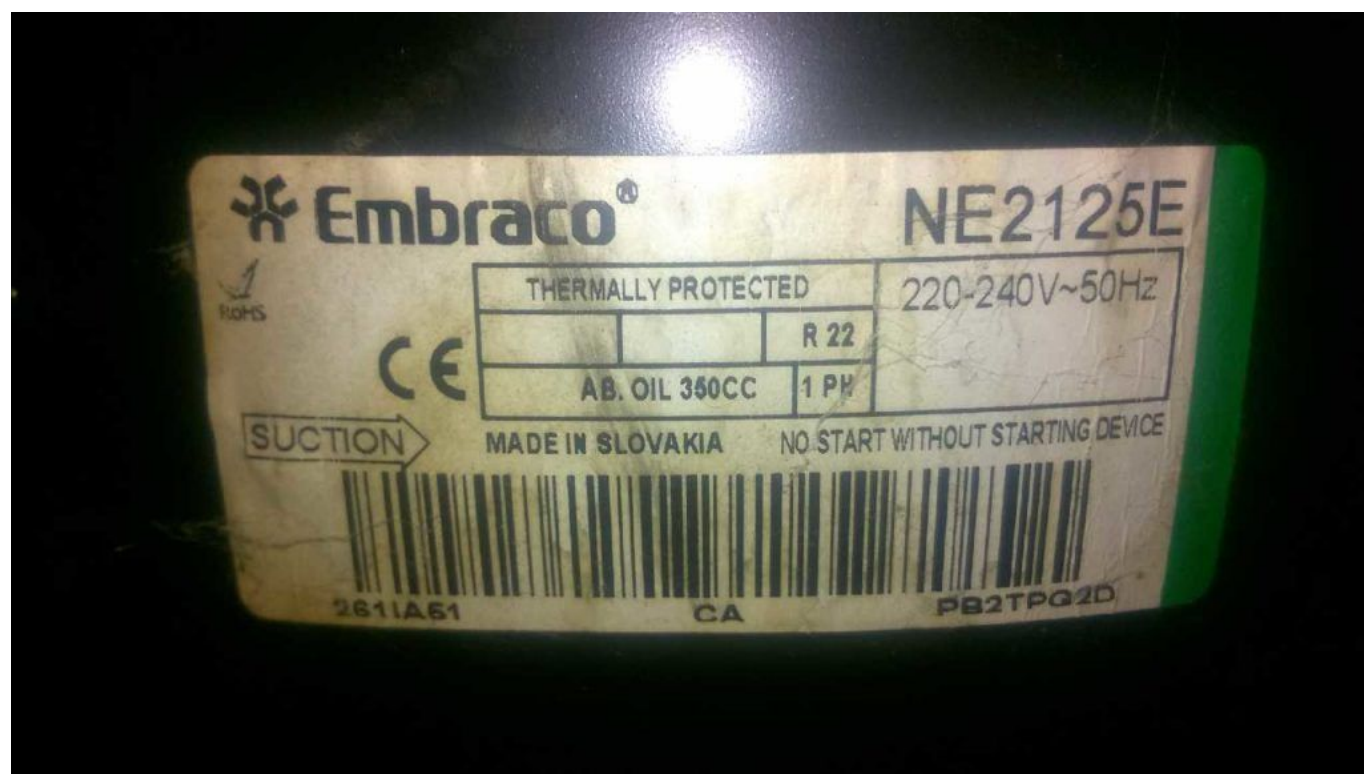
capacity measured for condensation temperature of: 45 ° C, Measurement conditions: ASHRAE

Unfortunately the compressor is no longer available.

If you would like an offer for an identical alternative, please email us or give us a short call, we will prepare an offer for you.Cooling capacity (W) at To

– 10 ° C – 15 ° C – 20 ° C – 25 ° C – 30 ° C

651 517 401 304 226

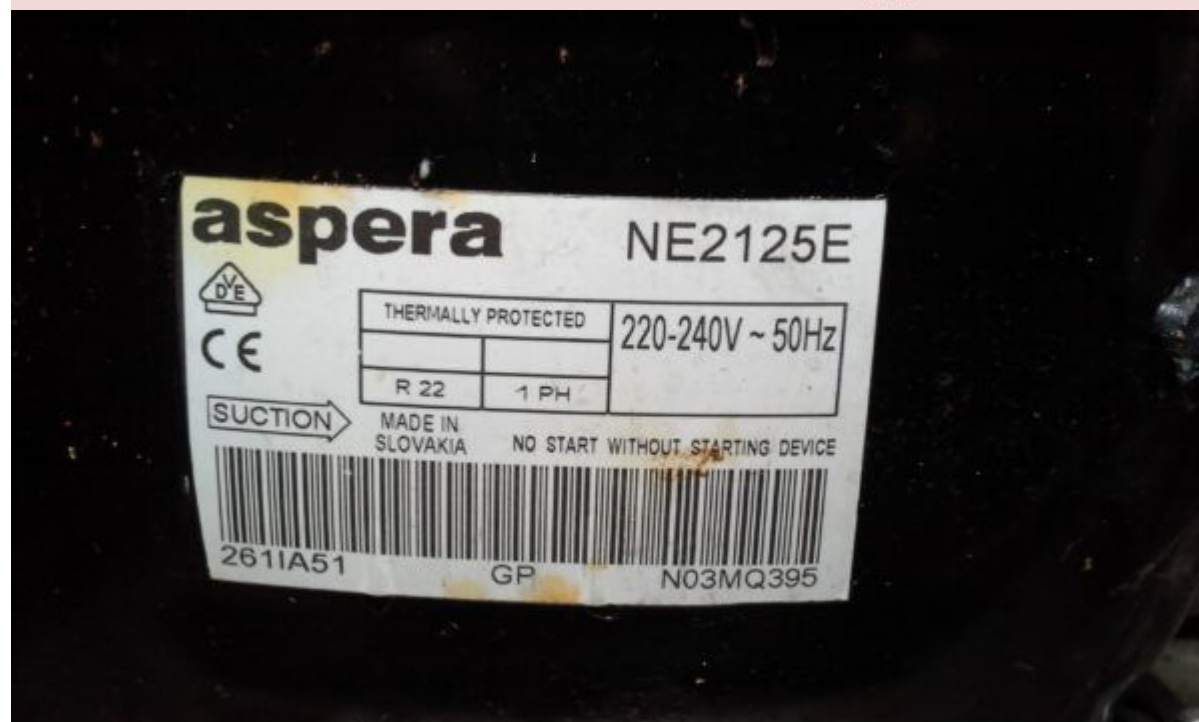


R22 - LBP Applications

COMPRESSOR	FREQUENCY	DIMENSION	
		(from -30°C to -5°C evap. temp.)	-
NE2125E	50 Hz	0.91 mm I.D. × 3.2 m	-
	60 Hz	0.91 mm I.D. × 2.85 m	-
NE2134E	50 Hz	0.91 mm I.D. × 2.8 m	-
	60 Hz	0.91 mm I.D. × 2.5 m	-
T2140E	50 Hz	0.91 mm I.D. × 2.6 m	-
	60 Hz	0.91 mm I.D. × 2.3 m	-
T2155E	50 Hz	1.20 mm I.D. × 3.9 m	-
	60 Hz	1.20 mm I.D. × 3.5 m	-
T2168E	50 Hz	1.20 mm I.D. × 3.3 m	-
	60 Hz	1.20 mm I.D. × 2.8 m	-
NJ2178E	50 Hz	1.20 mm I.D. × 3.0 m	-

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Shipping Class	Default
Scope Of Application	LBP
Delivery Time	2-3 Weeks
Stock Availability	In Stock
Type	Reciprocating Piston
Condensation Temperature	45 ° C
Manufacturer	Aspera
Manufacturer No.	NE2125E
Power In Hp	1/4 +
Starting Torque	HST
Stroke Volume In Cm3	8.78
Measurement Conditions	Ashrae
Refrigerant	R22
Oil Type	ISO46
Series	NE
Condensing Units Compressors	Compressor

Tension	220-240V
Weight In Kg	10.4