

written by www.mbsm.pro | 28 March 2023

HERMETIC COMPRESSORS AND SPARES

19-01-2009

EMBRACO

A range of domestic/light commercial compressors covering applications using R12 (alternative replacements) and R134A refrigerants. Compressors are supplied with LST electrics as standard. PW/FF compressors can be fitted with a start capacitor for HST applications.



CODE	MODEL	APPLICATION	VOLTS/HZ	DISP CC	NOM HP	LIST £
R12 REFRIGERANT						
040453	EM30NP	LBP	220-240/50	3.01	1/10	81.08
040456	EM40NP	LBP	220-240/50	3.77	1/8	84.29
040459	EM55NP	LBP	220-240/50	4.99	1/6	88.14
040465	PW3.5K9	H/M/LBP	220/50-60	3.47	1/8	78.23
040468	PW4.5K11	H/M/LBP	220/50-60	4.33	1/6	81.65
040474	FF6BK	H/M/LBP	220-240/50	6.23	1/5	91.00
040477	FF7.5BK	H/M/LBP	220-240/50	6.93	1/5	93.51
R134A REFRIGERANT						
040503	EM30HNP	LBP	220-240/50	3.01	1/12	97.88
040506	EM40HNP	LBP	220-240/50	3.77	1/10	100.88
040509	EM50HNP	LBP	220-240/50	4.99	1/8	102.83
040512	EM60HNP	LBP	220-240/50	5.54	1/6	106.66
040568	EM45HHR	M/M/LBP	220-240/50	3.77	1/10	101.25
040569	EM55HHR	HBP	220-240/50	4.60	1/8	104.88
040570	EM65HHR	HBP	220-240/50	5.54	1/6	109.15
040533	PW3.5HK9	HBP	220-240/50-60	3.47	1/8	95.54
040536	PW4.5HK11	HBP	220-240/50-60	4.33	1/6	97.89
040515	FF16HAK	H/M/LBP	220-240/50-60	6.23	1/5	108.73
040518	FG75HAK	H/M/LBP	220-240/50	7.95	1/4	111.13
040521	FG85HAK	H/M/LBP	220-240/50	9.05	1/4	114.84
040527	FF110HAK	H/M/LBP	220-240/50-60	9.05	1/4	121.31
040530	FF112HBK	H/M/LBP	220-240/50	11.15	1/3	137.60

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Mbsm.pro, Files, PDF, HERMETIC COMPRESSORS AND SPARES

Mbsm.pro, Files, Docx, COMPRESSOR EQUIVALENCE, r12

Category: Files

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COMPRESSOR EQUIVALENCE

IDENTIFY YOUR COMPRESSORS

CODE	DESCRIPTION					
T A J 4 5 19 Z H R	Group description					
T A J 4 5 19 Z	Compressor description					
R	No letter = welding valve Letter R = with bottle					
H	H = high induction pressure (-15°C à +15°C) B = low induction pressure (-40°C à -10°C) M = medium and high induction pressure (-25°C à +15°C)					
Z	A, B, or D = refrigerant R12 C = refrigerant R407 E, F, G or H = refrigerant R22 J, K, L = refrigerant R502 T = refrigerant R22 or R502 Y = refrigerant R134A Z = refrigerant R404A or R407B or R507					
19	Corresponds to the first refrigeration power numbers expressed in BTU/h at 60Hz Example : 19 preceded by the number 5 means 19 000 BTU/h					
5	Number of figures composing the refrigeration power. Example : 19 000 BTU/h					
4	Applications 1 = Low vaporization pressure. Engine with standard start-up torque 2 = Low vaporization pressure. Engine with start-up torque 3 = High vaporization pressure. Engine with standard start-up torque 4 = High vaporization pressure. Engine with start-up torque 5 = Air conditioning 6 = Medium and high vaporization pressure. Engine with high start-up torque 0 = Medium and high vaporization pressure. Engine with high standard start-up torque					
AJ	Family : TH-AZ-AEZ-AE-AJ-FH-AH-AI-RK-RGA P designates compressors intended for parallel disassembly Ex : TAHP, TAGP, TANP D designates compressors mounted in 'couple' S designates single-propeller condensation groups C or noletter = single-phased T = tri-phased					
T						

R12-POWERED LOW PRESSURE COMPRESSORS

Hermetic Unit	CV	Aspera	Danfoss	Necchi	Uninad	Zanussi	DKK
AE1227	1/12	A1055	TL3A	M3.5	D30AS	E30601	KH0.63N06
AZ1335D	1/8	A1075	TL4A	M4	D36AS	E44101	KH0.75N07
AZ1355D	1/6	A1111	TL5A	M5	L55A	V1040G	MH1.0N12
AEZ1360A	1/5	B1112	FR7.5A	M7	L76A	V1350E	MH1.25N12
AEZ1380A	1/4	A1118	FR10A	M9	L88	E88102	MH1.6H15
AE1410A	1/3	E1121	FR11A	M11	P12		MH2.0H15
AE1412A	3/8	T1124	SC15A	M13	P14		

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R12-POWERED HIGH PRESSURE COMPRESSORS

Hermetic Unit	CV	Aspera	Danfoss	Necchi	Uninad	DKK
AZ9387	1/6	A5132	FR6BX	M4H	AE65Z47	
CAE592F9	1/5	A5160	FR8.5B	M7H	L57PX	MH1.25N18
CAE4440A	1/3	E6185	SC10B		P14TY	
CA34452A	3/8	E6187	SC12B			
CA34461A	1/2	T6213	SC15B		CA32P	
CA34492A	3/4	J6220	SC21B			
CA34511A	1	J6226				
CAH4518A	1.5	H6238				
CAH4525A	2	H6253				

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Mbsm.pro, Files, Docx, COMPRESSOR EQUIVALENCE, r12

Mbsm.pro, Compressor, AHA4525AFZ, CAH4525A, 2 hp, r12

Category: compressor

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Mbsm.pro, Compressor, AHA4525AFZ, CAH4525A, H6253, 2 hp, r12

Mbsm.pro, Compressor, NEU6212Z, 1/2 hp, EMBRACO, ASPERA, R134A, hbp

Category: compressor

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Mbsm.pro, Compressor, NEU6212Z, 1/2 hp, EMBRACO, ASPERA, R134A, hbp

Mbsm.pro, Compressor, CAE59ZF9, 1/5 hp, r12

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Mbsm.pro, Compressor, CAE59ZF9, 1/5 hp, r12

Mbsm.pro, Compressor, Qd59, 1/6 hp++, 1/5 hp–, 142 w, QD series Compressor

Category: compressor

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Mbsm.pro, Compressor, Qd59, 1/6 hp++, 1/5 hp–, 142 w, QD series Compressor

Board for the White Point refrigerator

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Mbsm.pro, Fridge Compressor,
Tecumseh, AZ Freezer, AE, R134a,
AE4460YFZ1C, ae8284br, ae4460y, ae
8284 br, ae 4460 y, 1/2 hp, hbp

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(P)



Tecumseh

AE-8284-BR

R-134a

AE4460Y-FZ1C

220-240V ~ 50 Hz

LRA: 18.0

625-10017



SUCTION



EAC

51

K2617

23

020341

THERMALLY PROTECTED
COUNTRY OF ORIGIN: BRAZIL



Galaxy M32

Mbsm.pro, Fridge Compressor, Tecumseh, AZ Freezer, AE, R134a, AE4460YFZ1C, ae8284br, ae4460y, ae 8284 br, ae 4460 y, 1/2 hp, hbp

Mbsm.pro, Kikr inverter, kikdr G08b05

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