

Tecumseh, AEZ1410D, compressor, 1/3 HP, r12

Category: compressor

written by Amina | 25 October 2023



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Suction gases: 20.0 °C
Overheating: 30.0 K
Hypothermia: 0.00 K
Liquid: 45.0 °C
Refrigerant: R12

Power supply: 220 – 240V 1~ 50 Hz

Characteristics

- Cylinder volume 9.4 cm³
- Weight 11.3kg
- Suction line connection 7.9 mm – 5/16"
- Discharge Line Connection 6.4 mm – 1/4"
- Power consumption V/Hz/ph 200-230V / 50 / 1
- Starting current 14.0 A
- Oil refill 0.25 dm³
- Type of application Low temperature
- Compressor series AEZ
- Refrigerant R12
- Maximum operating current 2.8A

Evaporation °C	Condensation °C	35	40	45	50	55	60
-35	Pf (Watt)	154	138	121	104	86.9	
	Pa (W)	191	187	183	179	174	
	I(A)	1.63	1.63	1.62	1.61	1.6	
	COP (Watt/W)	0.81	0.74	0.66	0.58	0.5	
-thirty	Pf (Watt)	203	184	164	144	125	105
	Pa (W)	203	201	200	198	196	193
	I(A)	1.65	1.65	1.65	1.65	1.65	1.65
	COP (Watt/W)	1	0.91	0.82	0.73	0.64	0.55
-25	Pf (Watt)	264	241	218	194	172	149
	Pa (W)	218	219	220	220	220	221
	I(A)	1.69	1.69	1.7	1.71	1.71	1.72
	COP (Watt/W)	1.21	1.1	0.99	0.88	0.78	0.68
-20	Pf (Watt)	340	311	283	255	228	202
	Pa (W)	237	240	243	246	249	251
	I(A)	1.74	1.75	1.77	1.78	1.79	1.8
	COP (Watt/W)	1.43	1.29	1.16	1.04	0.92	0.8
-15	Pf (Watt)	429	394	359	327	295	264
	Pa (W)	260	266	271	276	281	286
	I(A)	1.81	1.83	1.85	1.87	1.89	1.91
	COP (Watt/W)	1.65	1.48	1.33	1.19	1.05	0.93
-10	Pf (Watt)	532	490	449	409	372	336
	Pa (W)	287	294	301	309	316	323
	I(A)	1.91	1.93	1.95	1.98	2	2.02
	COP (Watt/W)	1.85	1.66	1.49	1.33	1.18	1.04

Pf (W) – Cooling capacity (Watt)

Pa (W) – Power consumption (Watt)

I (A) – Current (A)

COP (W/W) – C.OP (Watt/W)

CV Watt	1 Porte	2 Portes	Conge-lateur	ASPERA	DANFOSS	EMBRACO	IRE	NECCHI	PRESCOLD	UH	ZEM	ELUX
1/ 12	45	160 l	120 l	90 l	BP 1058	TL 2.5 ATL 2.5 B	PW 3.5 K7		AS 14 55 ZF	AM	AZ 1320 AAE 12 Z7	D 36 ASL 33 AU
1/ 10	56	200 l	160 l	120 l	BP 1072	TL 3 A ATL 3	PW 4.5 B F86	B 5A 42PB 6AF 86	ESM 3	AS 12	AE 10 Z7AZ 1328 AAEZ 1332 A	L 40 AWL 40 ASL 40 AU
1/ 8	73	220 l	240 l	200 l	BP 1084	TL 4 A ATL 4	PW 4.5 B K9	B 8A 43PB 86PB 9AF 88	ESM 4	AS 8	AE 8Z A7AZ 1333 AAZ 1335 AAEZ 1336 A	L 45 AUL 45 AW
1/ 6	96	400 l	325 l	270 l	BP 1111 ABP 1112	TL 5 A B	PW 5.5 K11	B 9A 30L 10A 02L 10A 16L 10A 46PB 12AF 90	ESM 5	AS 6 6AS	AE 6Z A7AE 66 ZD7AZ 1340 AAEZ 1343 AAZ 1345 A	L 55 AUL 55 AT
1/ 5	127	500 l	410 l	350 l	B 1116 BB 2116 BB 3117	FR 7.5 AFR 7.5 BNL 6 A	FF 7.5 BK	L 13A 17L 13A 18L 13A 26L 13B 20L 13A 47	ESM 7	AM 55 ZFAM 5 ZF	AE 5Z F9AZ 1355 DAEZ 1355 DAEZ 1360 AAEZ 1367 A	L 76 ATL 76 AWL 76 BW
1/ 4	146	600 l	480 l	400 l	B 1118 BB 2118 BB 3119 AE 1121 AE 3121	FR 8.5 AFR 8.5 BNL 7 A	FF 8.5 BK	L 16A 01L 16A 25L 16B 22L 17A 34	ESM 8	AM 4C	AE 4Z F11AEZ 1380 AAEZ 1380 B	L 88 AVL 88 BWL 88 FW
1/ 4	158	800 l	600 l	500 l		FR 10 AFR 10 B			ESM 9	QM 43		
1/ 3	230	1200 l	800 l	600 l		FR 11 AFR 11 B						

1/ 230 1200 3 1 800 1 600 1	E 1130 BE 2130 BE SC 12 A 3130 BE 4130 B	ESM 11	AE 1410 AAEZ 1410 DCAE 2410 A	P 12 BWP 12 FW
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DANFOSS

223101 1/ 12 CV TL 2.5 A
223102 1/ 10 CV TL 3 A
223103 1/ 8 CV TL 4 A
223104 1/ 6 CV TL 5 A
223105 1/ 5 CV TL 7.5 A
223106 1/ 4 CV TL 8.5 A
223107 1/ 4 CV FR 10 A
223108 1/ 3 CV FR 11 A
223109 1/ 3 CV SC 12 A


R12 LRA 14.6
208-220V ~ 50Hz RLA 1.6
6A36490300
AEZ1410D

52 D1405 10 143826 A
CE
COUNTRY OF ORIGIN: FRANCE THERMALLY PROTECTED

⚠ WARNING	⚠ ADVERTENCIA	⚠ AVERTISSEMENT
To avoid burns, IMMEDIATELY GET AWAY if you hear sizzling, sputtering or popping inside the compressor. Improper servicing can lead to electrocution, fire or explosion. Service only by trained professional.	Para evitar quemaduras, RETIRESE INMEDIATAMENTE al oír chisporroteos, siseos o estallidos dentro del compresor. El mantenimiento inadecuado puede causar electrocución, incendio o explosión. Solamente profesionales entrenados pueden hacer los servicios de mantenimientos.	Pour vous prévenir de brûlures, ELOIGNEZ VOUS IMMEDIATEMENT si vous entendez des grésillements, crépitements ou petites explosions à l'intérieur du compresseur. Une maintenance inappropriée peut engendrer un incendie, une électrocution ou une explosion. Toute intervention est réservée à un professionnel habilité.