COMPRESSOR CROSS REFERENCE

	Emerson		LG India		Tecumseh India		Danfoss		Embra	ico	Kulthorn Kirby		Tecumseh Europe	
Refrigerant	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	odel Capacity Model Capa Btu/Hr Model Btu/		Capacity Btu/Hr	Model	Capacity Btu/Hr
		2.500				-	-	-	NE6210E	3,949	A.E. 4.440.EV	2.442	AED3440EFZ (AEZ3440E)	3,450
	KCE443HAE	3,600	-	-	-				NE6181E	3,256	AE 4440EK	3,412	AED4440EFZ (AEZ4440E)	3,450
	VCE4C1UAE	F 100			AVD4461FGF	5 500			NE9213E	5,529	A F 4 4 4 0 F 1/	2.000		
(Mg)	KCE461HAE	5,100	-	-	AKR4461EGE	5,500	-	-	NE7213E	5,570	AE4448EK	3,999	-	-
R22(HBP)									NJ7225F	9,822				
R22	KCJ511HAE	9,350	-	-	AKR5512EGH	10,000	-	-	T7223F	9,140	WJ 5510EK	9,178	-	-
									T6222E	9,092				
									NJ9232E	12,333	AW 5513EK	12,068		
	KCJ513HAE	12,800	-	-	AWQ5515EGE	13,000	MT018-5	12,330	NJ7231F	12,273	WJ 5515EK	12,000	AJE4517EFZ (CAJ4517E)	12,810
									-	-	AW 5515GK	12,966		
			MA42HAEG	1,409										1,540
	KCE419HAG	1,585	MA53HAEF	1,747	THK4420YCG	1,725	TL5G	1,400	NB5132Z	1,445	AE3415Y	1,314	THB4419YFZ	
			MA53HAEG	1,747										
		2,145			-	-	NL6.1MF	1,987	-	-				
	KCE425HAG		MA62HAEG	2,064	THK4428YCG	2,370	FR7.5G	2,083	NB5144Z	1,823	AE 3417Y	1,706	AED3425YCZ (AEZ3425Y)	2,297
	1102 1231 1110				THK4428YFS	2,370	FR7GH	2,191	NB6144Z	1,823	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,700	, 1233 123 122 (, 1223 123 1)	2,237
					-	-	NL7.3MF	2,432	-	-				
					-	-	FR8.5G	2,437	NE5160Z	2,342	AE3425Y	2,491		
	KCE432HAG	2,690	MA72HAEP	2,501	THK4428YCG	2,370	FR10G	2,626	NE6160Z	2,342	AE4425Y	2,388	AED3430YFZ (AEZ3430Y)	2,814
		2,030	MA88HAEP 2	2,938	THK4430YGS	2,850	NL8.4MF	2,793	NE5170Z	2,694	AE9417Y-SR	2,716	(, ,	_,,,,,
R-134a(HBP)					-	-	-	-	NE6170Z	2,694	-	-		
E.	KCE444HAG	3,675	-	-	AEA4440YGS	3,600	NLE10MF	3,475	-	-	-	-	-	-
34.							NL11MF	3,808	NE5187Z	3,719	AE3440Y	3,634	AED3440YGZ (AE3440Y)	3,702
₹.							SC12G	3,973	NE6187Z	3,719	AE4440Y	3,668	AED4440YGZ (CAE4440Y)	3,702
							SC12GH	3,992		-	-	-	-	-
				-	AEA4440YGS	3,600	NL11MF	3,808	NE5187Z	3,719			AED4440YGZ (CAE4440Y)	
	KCJ444HAG	3,700	-				SC12G	3,973	NE6187Z	3,719	-	-		3,702
							SC12GH	3,992	-	-				
	KCN463HAG	5,250	-	-	AKR4460YGH	5,430	SC18G	5,476	T6213Z	4,989	BA4459Y	5,289	AJE4461YCZ (CAJ4461Y)	5,663
							5540511		T624.57	6.050			AED4456YGZ (CAE4456Y)	5,060
	KCJ467HAG	5,600		-	AKR4460YGH	5,430	SC18GH	5,543	T6215Z	6,058	AE9437Y	5,732	AJE4461YCZ (CAJ4461Y) AJE4492YCZ (CAJ4492Y)	5,663
							SC18MFX	5,760	T6217Z	6,532				
	KCJ498HAG	8,200		-	-	-	SC12/12G	7,946	NJ6220Z	8,678	AW4495YK	8,121		7,972
	KCIADOCAL	1 900					MTZ018-5	8,233	NEC191CV	1,847			ΔΕDΚΑΛΩΤΕΤ (ΛΕΤΩΛΛΩΤ)	2,263
	KCJ422CAL KCJ438CAL	1,800 3,200	-	-	-	-	-	-	NE6181GK	1,047	-	-	AEDK440ZFZ (AEZ9440Z) AEDK450ZFZ (CAE9450Z)	2,263
			-	-	-	-	-	-	NE9213GK	3,433	-	-	AEDK450ZFZ (CAE9450Z) AEDK460ZFZ (CAE9460Z)	3,439
<u> </u>	KCJ461CAL	5,100	-	-			SC18CL	5,101	T6222GK	5,793			AJEK480ZGZ (CAJ9480Z)	5,143
G					-	-	SC18MLX	5,421	NT6222GK	5,033	-	-	AJEK510ZFZ (CAJ9510Z)	5,652
R404A(CBP)	KCJ484CAL	7,000	-	-	-	-	-	-	NJ9232GK	7,219			AJEK510ZFZ (CAJ9510Z)	7,217
40		-		-	-		SC15/15CL	9,127	-			-	/ yERS 13212 (C/1J33132)	,,417
E	KCM511CAL	9,000	-			-	SC15/15DL	8,869	NJ9238GK	8,938	-		-	-
	KCM514CAL	12,000	-	-	-	-	-	-	-	-	-	-	-	-
	KCM519CAL	16,100	-	-	-	-	-	-	-	-	-	-	-	-
	KCM522CAL	18,300	-	-	-	-	-	-	-	-	-	-	-	-

	_	Emerson		LG India		Tecumseh India		Danfoss		Embraco		Kulthorn Kirby		Tecumseh Europe	
	Refrigerant	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr	Model	Capacity Btu/Hr
		IZCNIA1 AL AL	4.450					5C10CLV 1.242 NE212ECV 1.1E7			AED2383ZFZ (AEZ2411Z)	926			
		KCN414LAL	1,150	-	-	-	-	SC10CLX	1,342	NE2125GK	1,157	-	-	AED2411ZFZ (AEZ2415Z)	1,110
		KCN418LAL	1,500	-	-	-	-	SC10CL SC12CL	1,360 1,749	NEK1134GK NEK2134GK	1,536 1,583	-	-	AED2413ZFZ (CAE2417Z)	1,363
	R-404A(LBP)	KCN422LAL	1,800	-	-	-	-	SC12CLX.2	2,011	-	-	-	-	AEA2419ZXC (AEA2419Z) AED1415ZFZ (AE1420Z)	1,995 2,112
	루							SC15CL	2,363			_	_	ALD1413212 (AL14202)	2,112
	4							SC15CLX.2	2,453			WJ2430ZK	2,399		
	4	KCN430LAL	2,575	-	-	-	-	SC10/10CL	2,720	T2168GK	2,567	AE2428ZK	2,388	AED2415ZFZ (CAE2420Z)	2,112
4	œ							SC18CL	2,721			-	-		
SUKE								SC15CL	2,363			WJ2430ZK	2,399	AED1415ZFZ (AE1420Z)	2,112
⊃ I		KCI430LAL	2,425	-	-	-	-	SC15CLX.2	2,453	NEK2168GK	2,413	AE2428ZK	2,388	AED2415ZFZ (CAE2420Z)	2,112
		,						-	-		_,	-	-	AJE2422ZFZ (CAJ2432Z)	2,367
Z L		KCJ450LAL	4,100	-	-	-	-	-	-	-	-	WJ2450ZK AW2450ZK	3,801 4,245	AJB2433ZXC (CAJ2446Z)	4,017
꿏		KCM475LAL	5,700	-	-	AWX2460ZGE	5,750	SC18/18CL SC18/18CLX.2	5,441 5,968	-	-	-	-	AJB2444ZXC (AJB2444Z)	5,257
				MA53LAIM	496	THK1352YCF	460	NL6.1FT	533	EMT60HLP	597	AE1360Y	539	AED1365YGZ (AEZ1365Y)	623
5				MA57LBJG	548	THK1358YCF	500	SC10G	573	NB1116Z	621	AE1370Y	635	AED1370YFZ (AEZ1370Y)	604
₹		KCN372LAG	600	MA62LBEG	596	THK1365YCG	540	FR8.5G	585	NB2116Z	621	AE2360Y	539	THG1365YNS (THG1365YS)	570
2				MA69LAEG	683	THK1374YFS	600	NL7.3FT	633	NB3117Z	594	AZA1360Y	495	-	-
_				MA72LBEG	715	-	-	FR10G	642	NB1117Z	594	AE2370Y	631	-	-
				MA69LAEG	683			NL9FT	748	NE1121Z	860			AE1390Y-FZ1A (AE1390Y)	730
<		KCN396LAG	800	MA72LBEG	715	TWB1390YGS	845	FR11G	803	NE2121Z	860	AE2390Y	809	AED1380YFZ (AEZ1380Y)	764
ا بـ		KCN390LAG	800	MA72LAEP	754	14401230103	043	SC12G	845	NE3121Z	860	AL23901	003	AED2380YFZ (AEZ2380Y)	764
-	<u>(</u>			-	-			SC15G	885	-	-			-	-
	٣							NLE10MF	912	NE1130Z	1,099	AE2411Y-SR	972	AED1410YFZ (AE1410Y)	868
	4a	KCN411LAG	960	MA88LAEP	933	TWB1390YGS	845	NL11F	933	NE3130Z	1,099	AE2410Y	921	AED2410YFZ (CAE2410Y)	868
	<u> </u>							NL10FT	968	NE2130Z	1,174	-	-	-	-
	ዽ	KCJ412LAG	1,025	-	-	TWB1390YGS	845	NL10FT	968	NE1130Z	1,099			AED1412YFZ (AE1412Y)	1,025
						TPH2415YFS	1,240	SC12FT	1,094		1,099	AE2413Y	1,126	AED2412YFZ (CAE2412Y)	1,025
		KCN415LAG				-	-	SC15F	1,103	NE2130Z	1,174			-	-
				1 260 -		TPH2415YFS	1,240	SC15FT	1,313	-	-				
			1,260		_			SC18F	1,324	NE2134Z	1,215	AEA2415Y	1,262	AED2414YFZ (CAE2414Y)	1,137
			1,200					SC18G	1,331	NE2130Z	1,174	, ,	1,202	,	1,137
								SC18MFX	1,498	-	-				
Į		KCJ423LAG	1,925	-	-	-	-	SC21FTX	1,939	NJ2152Z	2,054	-	-	-	-

References

- LG India Product Catalogue (2010)
 Tecumseh India Product Catalogue (Feb 2011)
- Danfoss Selection Software (RS+3, V3.6)
- Embraco Hermetic Compressors Catalogue (Oct. 2011)
- Kulthorn Kirby (Homepage)
- Tecumseh Europe (Homepage)

Rating Conditions

Aml	Ambient		Evaporating		Condensing		Subcooled		Suction Gas		Suction Pressure			Discharge Pressure		
Temperature		Temperature		Temperature		Liquid		Temperature		R134a	R22	R404A	R134a	R22	R404A	
°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	Psig	Psig	Psig	Psig	Psig	Psig	
HBP																
95	35	45	7.2	130	54.4	115	46.1	95	35	40	77	93.7	196	300	354	
MBP																
95	35	20	-6.7	130	54.4	115	46.1	95	35	18	-	55.6	196	-	354	
LBP																
90	32	-10	-23.3	130	54.4	90	32	90	32	1.9	-	24.6	196	ı	354	

- The compressor models in the chart are not drop-in replacement. But indicate nearest capacity models available.
 All compressor models are rated at below mentioned rating conditions only

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