

**Mbsm.pro, Compressor,  
KULTHORN, c-bzN101, 1/8 hp,  
1bp, 100 w, r134a, C-  
BZN140L5Z (1/6Hp), C-  
BZN175L5Z (1/5Hp), C-  
BZN200L5R (1/4Hp), C-  
BZN250L5W (1/3Hp)**

written by Lilianne | 1 November 2024



c-bzN101 appears to be a model number for a KULTHORN refrigerator compressor. It's specifically a 1/8HP compressor, which is commonly used in smaller refrigerators.

**Gas R134a**

<b>Series C-BZN*</b>	<p><b>LBP:</b></p> <p>C-BZN140L5Z (1/6Hp)  C-BZN175L5Z (1/5Hp)  C-BZN200L5R (1/4Hp)  C-BZN250L5W (1/3Hp)</p>
<b>Series AZA*</b>	<p><b>LBP:</b></p> <p>AZA1335YK (1/10Hp)  AZA1345YK (1/8Hp)  AZA1350YK (1/6Hp)  AZA1360YK (1/5Hp)  AZA1370YK (1/4Hp)</p>
<b>Series AE*</b>	<p><b>LBP:</b></p> <p>AE1390YK (1/3Hp)  AE1411YK (1/2Hp) <b>HBP:</b>  AE4430Y (1/4Hp)  AE4440Y (1/3Hp)  AE4448Y (1/2Hp)  AE4459Y (3/4Hp)  AE7426Y (3/8Hp)  AE2415Y (1/2Hp)</p>
<b>Series WJ*</b>	<p><b>CBP:</b></p> <p>WJ9460YK (3/4Hp)</p>

**Gas R404A**

<b>Series AE*</b>	<p><b>LBP:</b></p> <p>AE2425ZK (1/2Hp)  AE2416ZK (3/8Hp)  AE2428ZK (5/8Hp)  AE2432ZK (5/8Hp)  AE2420ZK (1/2Hp)</p>
<b>Series WJ*</b>	<p><b>LBP:</b></p> <p>WJ2435ZK (3/4Hp)  WJ2440ZK (3/4Hp)  WJ2450ZK (1Hp) <b>HBP:</b>  WJ9513Z (1.8HP)</p>

<b>Series AW</b>	<p><b>LBP:</b>  AW2464ZK (1.62Hp)  AW2495ZK-P (2.4HP)  AW2495ZK-9 (2.4Hp)  AW2510ZK (2.3Hp, 3Hp)</p>
<b>Series CA*</b>	<p><b>LBP:</b>  CA2435Z (1.0Hp)</p>
<b>Series BA*</b>	<p><b>MBP:</b>  BA7440Z (1/2Hp)</p>

**Gas R22**

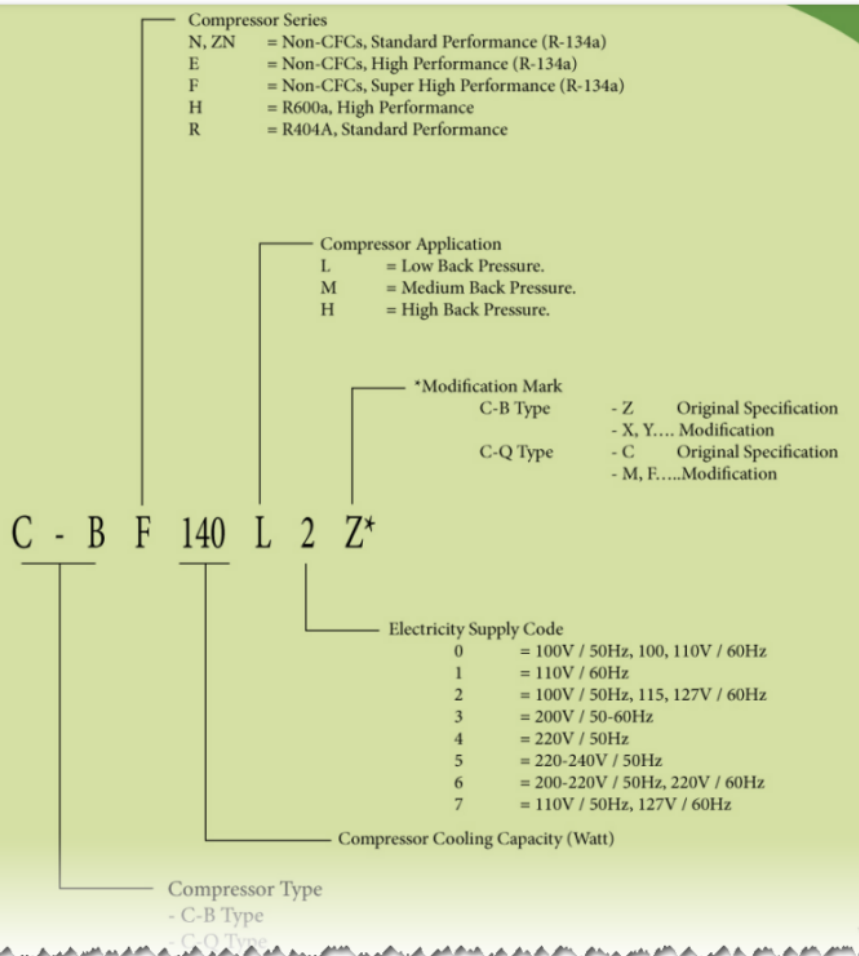
<b>Series WJ*</b>	<p><b>R22 – CBP:</b>  WJ9470GK-SA (1Hp)  WJ9485GK-SA (1.3Hp)</p>
<b>Series AE*</b>	<p><b>R22 – HBP:</b>  AE4474EK (5/8Hp)  AE7440EK (1/2Hp)</p>
<b>Series AW*</b>	<p><b>R22 – HBP:</b>  AW5522EK (1.93Hp)  AW5528EK (2.43Hp)  AW5532EK (2.69Hp)  AW5538E (3.15Hp)  AW5542E (3.59Hp) <b>R22/R407 – MBP:</b>  AW4522EK-SA (1.93Hp)  AW4528EK-SA (2.43Hp)  AW4532GK-SA (2.69Hp)</p>
<b>Series WJ*</b>	<p><b>R22 – HBP:</b>  WJ5510EK (1Hp)  WJ5516EK (1.34Hp)</p>



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		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	60Hz	mF	vac	mF	vac		
<b>C-BZN Series (Standard Performance) R134a</b>																
<b>100V/50Hz, 50Hz.</b>																
C-BZN50L0*	LBP	RSIR	2.55	50	62	171	212	0.87	0.93	2.97	3.17	**	**	**	175	
C-BZN90L0*	LBP	RSIR/CSIR	4.16	99	123	338	420	1.12	1.16	3.82	3.96	100	125	**	**	175
C-BZN110L0*	LBP	RSIR/CSIR	5.20	140	168	478	573	1.19	1.23	4.06	4.20	75	125	**	**	175
C-BZN150L0*	LBP	RSIR/CSIR	6.65	190	230	648	785	1.40	1.45	4.78	4.95	75	125	**	**	188
C-BZN160L0*	LBP	CSIR	6.79	194	233	662	795	1.40	1.45	4.78	4.95	150	160	**	**	188
C-BZN175L0*	LBP	CSIR	7.24	208	245	710	836	1.34	1.38	4.57	4.71	100	125	**	**	195
C-BZN200L0*	LBP	CSIR	8.37	241	293	822	1000	1.31	1.36	4.47	4.64	75	125	**	**	195
<b>110V/50Hz.</b>																
C-BZN50L1*	LBP	RSIR	2.55	**	62	**	212	**	0.93	**	3.17	**	**	**	**	175
C-BZN90L1*	LBP	RSIR/CSIR	4.16	**	123	**	420	**	1.16	**	3.96	100	125	**	**	175
C-BZN110L1*	LBP	RSIR/CSIR	5.20	**	168	**	573	**	1.23	**	4.20	75	125	**	**	175
C-BZN150L1*	LBP	RSIR/CSIR	6.65	**	230	**	785	**	1.45	**	4.95	75	125	**	**	188
C-BZN160L1*	LBP	CSIR	6.79	**	233	**	795	**	1.45	**	4.95	150	160	**	**	188
C-BZN175L1*	LBP	CSIR	7.24	**	245	**	836	**	1.38	**	4.71	100	125	**	**	195
C-BZN200L1*	LBP	CSIR	8.37	**	293	**	1000	**	1.36	**	4.64	75	125	**	**	195
<b>100V/50Hz., 115-127V/60Hz.</b>																
C-BZN60L2*	LBP	RSIR	2.98	64	78	218	266	0.95	1.02	3.24	3.48	**	**	**	**	175
C-BZN75L2*	LBP	RSIR	3.64	80	99	273	338	0.99	1.06	3.38	3.62	**	**	**	**	175
C-BZN90L2*	LBP	RSIR	4.16	99	123	338	420	1.12	1.16	3.82	3.96	**	**	**	**	175
C-BZN100L2*	LBP	RSIR	4.50	108	130	369	444	1.13	1.18	3.86	4.03	**	**	**	**	175
C-BZN120L2*	LBP	RSIR	5.70	154	188	526	642	1.28	1.33	4.37	4.54	**	**	**	**	188
C-BZN140L2*	LBP	RSIR	6.08	168	192	573	655	1.34	1.36	4.57	4.64	**	**	**	**	188
C-BZN175L2*	LBP	RSCR	7.24	208	245	710	836	1.43	1.47	4.88	5.02	**	**	15	200	195
<b>220-240V/50Hz.</b>																
C-BZN50L5*	LBP	RSIR	2.55	50	**	171	**	0.87	**	2.97	**	**	**	**	**	175
C-BZN60L5*	LBP	RSIR	2.98	64	**	218	**	0.95	**	3.24	**	**	**	**	**	175
C-BZN75L5*	LBP	RSIR	3.64	80	**	273	**	0.99	**	3.38	**	**	**	**	**	175
C-BZN90L5*	LBP	RSIR/CSIR	4.16	99	**	338	**	1.12	**	3.82	**	40	160	**	**	175
C-BZN100L5*	LBP	RSIR	4.50	108	**	369	**	1.13	**	3.86	**	**	**	**	**	175
C-BZN110L5*	LBP	RSIR	5.20	140	**	478	**	1.19	**	4.06	**	**	**	**	**	175
C-BZN120L5*	LBP	RSIR	5.70	154	**	526	**	1.28	**	4.37	**	**	**	**	**	188
C-BZN140L5*	LBP	RSCR	5.70	154	**	526	**	1.38	**	4.71	**	**	**	3.5	350	188
C-BZN140L5*	LBP	RSIR	6.08	168	**	573	**	1.34	**	4.57	**	**	**	**	**	188
C-BZN140L5*	LBP	RSCR	6.08	168	**	573	**	1.43	**	4.88	**	**	**	3.5	350	188
C-BZN150L5*	LBP	RSIR/CSIR	6.65	190	**	648	**	1.40	**	4.78	**	40	160	**	**	188
C-BZN150L5*	LBP	RSCR	6.65	190	**	648	**	1.50	**	5.12	**	**	**	3.5	350	188
C-BZN160L5*	LBP	RSIR	6.79	194	**	662	**	1.40	**	4.78	**	**	**	**	**	188
C-BZN175L5*	LBP	RSIR/CSIR	7.24	208	**	710	**	1.34	**	4.57	**	40	160	**	**	195
C-BZN175L5*	LBP	RSCR	7.24	208	**	710	**	1.43	**	4.88	**	**	**	3.5	350	195
C-BZN200L5*	LBP	RSIR/CSIR	8.37	241	**	822	**	1.31	**	4.47	**	40	160	**	**	195
C-BZN200L5*	LBP	RSCR	8.37	241	**	822	**	1.41	**	4.81	**	**	**	3.5	350	195
<b>200-220V/50Hz., 220V/60Hz.</b>																
C-BZN50L6*	LBP	RSIR	2.55	50	62	171	212	0.87	0.93	2.97	3.17	**	**	**	**	175
C-BZN60L6*	LBP	RSIR	2.98	64	78	218	266	0.95	1.02	3.24	3.48	**	**	**	**	175
C-BZN75L6*	LBP	RSIR	3.64	80	99	273	338	0.99	1.06	3.38	3.62	**	**	**	**	175
C-BZN90L6*	LBP	RSIR	4.16	99	123	338	420	1.12	1.16	3.82	3.96	**	**	**	**	175
C-BZN100L6*	LBP	RSIR/CSIR	4.50	108	130	369	444	1.13	1.18	3.86	4.03	40	160	**	**	175
C-BZN110L6*	LBP	RSIR/CSIR	5.20	140	168	478	573	1.19	1.23	4.06	4.20	40	160	**	**	175
C-BZN120L6*	LBP	RSIR/CSIR	5.70	154	188	526	642	1.28	1.33	4.37	4.54	40	160	**	**	188
C-BZN120L6*	LBP	RSCR	5.70	154	188	526	642	1.38	1.43	4.71	4.88	**	**	3.5	350	188
C-BZN140L6*	LBP	RSIR	6.08	168	192	573	655	1.34	1.36	4.57	4.64	**	**	**	**	188

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