

**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)<br/> C-BZN175L5Z (1/5Hp)<br/> C-BZN200L5R (1/4Hp)<br/> C-BZN250L5W (1/3Hp)</p>   |
| <b>Series AZA*</b>   | <p><b>LBP:</b></p> <p>AZA1335YK (1/10Hp)<br/> AZA1345YK (1/8Hp)<br/> AZA1350YK (1/6Hp)<br/> AZA1360YK (1/5Hp)<br/> AZA1370YK (1/4Hp)</p>   |
| <b>Series AE*</b>    | <p><b>LBP:</b></p> <p>AE1390YK (1/3Hp)<br/> AE1411YK (1/2Hp) <b>HBP:</b><br/> AE4430Y (1/4Hp)<br/> AE4440Y (1/3Hp)<br/> AE4448Y (1/2Hp)<br/> AE4459Y (3/4Hp)<br/> AE7426Y (3/8Hp)<br/> 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)<br/> AE2416ZK (3/8Hp)<br/> AE2428ZK (5/8Hp)<br/> AE2432ZK (5/8Hp)<br/> AE2420ZK (1/2Hp)</p> |
| <b>Series WJ*</b> | <p><b>LBP:</b></p> <p>WJ2435ZK (3/4Hp)<br/> WJ2440ZK (3/4Hp)<br/> WJ2450ZK (1Hp) <b>HBP:</b><br/> WJ9513Z (1.8HP)</p>              |

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

**Gas R22**

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

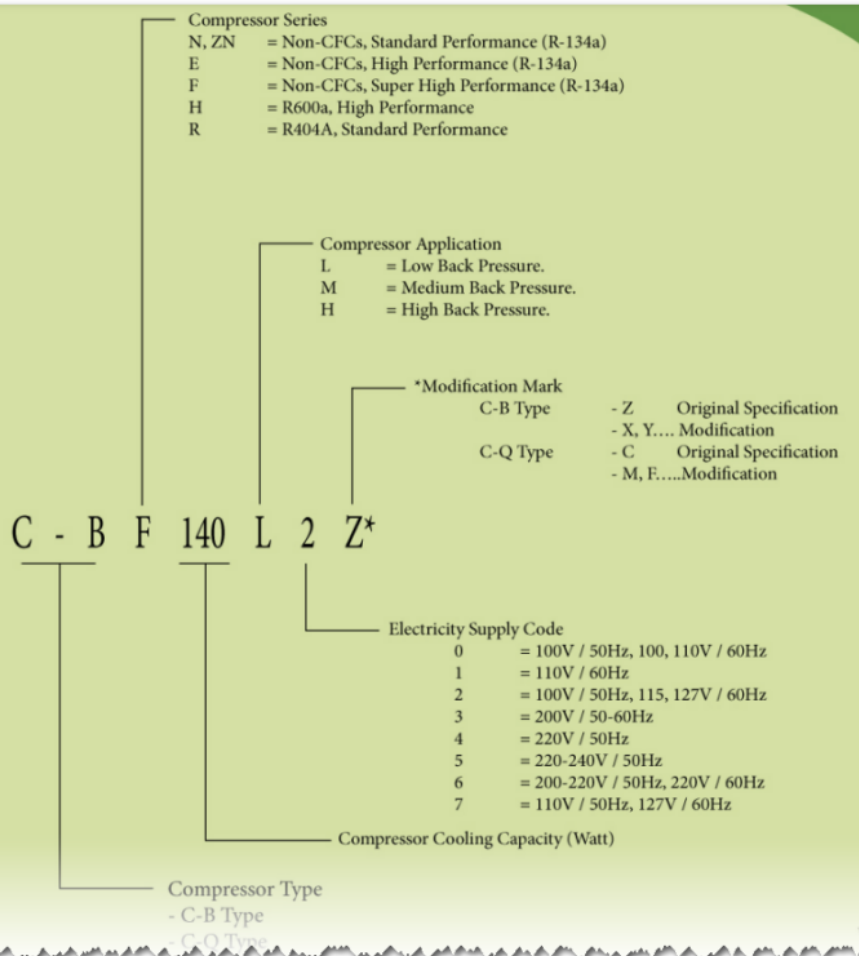


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|  |     | 50Hz      | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 60Hz | mF   | vac | mF  | vac |     |     |
|--|-----|-----------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| <b>C-BZN Series (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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