

LG Scroll Compressors



Features

- Quiet Start-up and Shut-down: Sound is minimized by a check valve in the discharge port of the scroll sets
- Discharge Temperature Protection (DTS): External thermal sensor protects against excessively high scroll temperatures
- Internal Pressure Relief (IPR): Relief valve opens at very high internal pressures protecting the unit
- Internal Motor Overload Protection (OLP): Thermal switch senses high temperature of the compressor motor windings



| Item ID                  | Nominal H.P. | Volts-Phase-Hertz | Capacity (BTU) | Discharge Line I.D. | Suction Line I.D. | Run Capacitor MFD/Volts | Replaces               |              |
|--------------------------|--------------|-------------------|----------------|---------------------|-------------------|-------------------------|------------------------|--------------|
|                          |              |                   |                |                     |                   |                         | Copeland               | Danfoss      |
| <b>R22, R407C Series</b> |              |                   |                |                     |                   |                         |                        |              |
| SQA022KAZ                | 1 3/4        | 208/230-1PH-60    | 21500          | 1/2                 | 3/4               | 35/440                  | ZR21K5-PPV, ZR22K4PPV  |              |
| SQA026KAZ                | 2+           | 208/230-1PH-60    | 26100          | 1/2                 | 3/4               | 35/440                  | ZR23K5-PPV             | HRM025T1L1P6 |
| SQA032KAZ                | 2 1/2        | 208/230-1PH-60    | 32300          | 1/2                 | 3/4               | 45/440                  | ZR23K5-PPV, ZR30K3PPV  | HRM032U1L1P6 |
| SQA038KAZ                | 3            | 208/230-1PH-60    | 37000          | 1/2                 | 3/4               | 50/440                  | ZR38K5-PPV, ZR38K3PPV  | HRM038U1L1P6 |
| SQA042KAZ                | 3 1/2        | 208/230-1PH-60    | 41200          | 1/2                 | 3/4               | 50/440                  | ZR42K5-PPV, ZR40K3PPV  | HRM040B1L1P6 |
| SR047KZ                  | 4            | 208/230-1PH-60    | 47600          | 1/2                 | 7/8               | 60/440                  | ZR48K5-PPV             | HRM048U1L1P6 |
| SRA053KAZ                | 4 1/2        | 208/230-1PH-60    | 53500          | 1/2                 | 7/8               | 70/440                  | ZR54K5-PPV             | HRM054U1L1P6 |
| SRA057KZ                 | 4 3/4        | 208/230-1PH-60    | 58000          | 1/2                 | 7/8               | 70/440                  | ZR57K3-PPV             | HRM057U1L1P6 |
| SR061RBZ                 | 5            | 208/230-3PH-60    | 62000          | 1/2                 | 7/8               | N/A                     | ZR61K3-TFS             | HRM062U2L1P6 |
| <b>R410A Series</b>      |              |                   |                |                     |                   |                         |                        |              |
| APB016KAA                | 1 1/2        | 208/230-1-60      | 15200          | 1/2"                | 3/4"              | 35/370                  | ZP16K5EPFV             |              |
| APB020KAA                | 2            | 208/230-1-60      | 19500          | 1/2"                | 3/4"              | 35/370                  | ZP20K5EPFV             |              |
| APB024KAA                | 2+           | 208/230-1-60      | 22500          | 1/2"                | 3/4"              | 40/370                  | ZP24K5EPFV             |              |
| APA032KAA                | 3            | 208/230-1-60      | 30500          | 1/2"                | 3/4"              | 45/440                  | ZP32K5EPFV, ZP31K3EPFV | HRH032U1L1P6 |
| AQA034KAA                | 3            | 208/230-1-60      | 34100          | 1/2"                | 7/8"              | 45/440                  | ZP34K5EPFV             | HRH034U1L1P6 |
| AQA036KAA                | 3+           | 208/230-1-60      | 36000          | 1/2"                | 7/8"              | 45/440                  | ZP36K5EPFV, ZP38K5EPFV | HRH038U1L1P6 |
| AQA042KAA                | 4            | 208/230-1-60      | 41500          | 1/2"                | 7/8"              | 70/440                  | ZP42K5EPFV             | HRH040U1L1P6 |
| ABA051KAC                | 5            | 208/230-1-60      | 51500          | 1/2"                | 7/8"              | 75/440                  | ZP51K5EPFV             | HRH051U1L1P6 |
| ABA054KAA                | 5+           | 208/230-1-60      | 54000          | 1/2"                | 7/8"              | 80/440                  | ZP54K5EPFV             | HRH054U1L1P6 |
| ABA054RAB                | 5+           | 208/230-3-60      | 54500          | 1/2"                | 7/8"              | —                       | ZP54K5E1FS             | HRH054U2L1P6 |
| ABA054WAB                | 5+           | 460-3-60          | 54000          | 1/2"                | 7/8"              | —                       | ZP54K5E1FD             | HRH054U4L1P6 |

Capacities are at ARI conditions.

Cross reference comparisons do not imply that all products compared are exact in reference to form, fit and function. Review specifications carefully prior to purchase.

Packard Refrigeration Compressor and Condensing Unit Offerings



| Nominal H.P. (Tons) | 1/10                | 1/8 | 1/6 | 1/5 | 1/4 | 1/3 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 13 | 24 | 40 |
|---------------------|---------------------|-----|-----|-----|-----|-----|-----|-----|---|-------|-------|---|-------|---|-------|---|---|---|---|---|---|----|----|----|----|----|
| R12 Reciprocating   | 350 to 5000 BTU     |     |     |     |     |     |     |     |   |       |       |   |       |   |       |   |   |   |   |   |   |    |    |    |    |    |
| R22 Reciprocating   | 15903 to 287300 BTU |     |     |     |     |     |     |     |   |       |       |   |       |   |       |   |   |   |   |   |   |    |    |    |    |    |
| R134a Reciprocating | 113 to 107631 BTU   |     |     |     |     |     |     |     |   |       |       |   |       |   |       |   |   |   |   |   |   |    |    |    |    |    |
| R404A Reciprocating | 702 to 87421 BTU    |     |     |     |     |     |     |     |   |       |       |   |       |   |       |   |   |   |   |   |   |    |    |    |    |    |

\*For large refrigeration scrolls SV, SZ series please call for availability.

Refrigeration Compressors



Features

- L1NB Series for ultra low temperature applications
- Replacement compressors for low temperature refrigeration and food service equipment

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\* Additional mounting configurations on base plate.

| Item ID          | Volts-Phase-Hertz | BTU        |           |           | Foot (in.) | I.D. Discharge Size (in.) | I.D. Suction Size (in.) |
|------------------|-------------------|------------|-----------|-----------|------------|---------------------------|-------------------------|
|                  |                   | LT @ -10°F | MT @ 20°F | HT @ 45°F |            |                           |                         |
| <b>R12 Blend</b> |                   |            |           |           |            |                           |                         |
| L1NB2G2EBAB      | 115-1-60          | 2400       | —         | —         | 4.8 x 8    | 3/8                       | 5/8                     |
| L1NB2G2EBCB      | 208/230-1-60      | 2400       | —         | —         | 4.8 x 8    | 3/8                       | 5/8                     |
| <b>BTU</b>       |                   |            |           |           |            |                           |                         |
| <b>R404A</b>     |                   |            |           |           |            |                           |                         |
| L63B562BBAB      | 115-1-60          | 4800       | —         | —         | 4.8 x 8.0  | 3/8                       | 5/8                     |
| L63B562BBCB      | 208/230-1-60      | 5100       | —         | —         | 4.8 x 8.0  | 3/8                       | 5/8                     |
| L63B652BBCB      | 208/230-1-60      | 6200       | —         | —         | 4.8 x 8.0  | 3/8                       | 5/8                     |
| L63A113BBCA      | 208/230-1-60      | 10600      | —         | —         | 7.5 x 7.5  | 1/2                       | 3/4                     |
| L63A113DBLA      | 208/230-3-60      | 10800      | —         | —         | 7.5 x 7.5  | 1/2                       | 3/4                     |
| L63A183BBCA      | 208/230-1-60      | 18000      | —         | —         | 7.5 x 7.5  | 1/2                       | 3/4                     |
| L63A183DBDA      | 208/230-3-60      | 18000      | —         | —         | 7.5 x 7.5  | 1/2                       | 3/4                     |