

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 |
| R22, R407C Series | | | | | | | | |
| SQA022KAZ | 1 3/4 | 208/230-1PH-60 | 21500 | 1/2 | 3/4 | 35/440 | ZR21K5-PFV, ZR22K4PFV | |
| SQA026KAZ | 2+ | 208/230-1PH-60 | 26100 | 1/2 | 3/4 | 35/440 | ZR25K5-PFV | HRM025T1LP6 |
| SQA032KAZ | 2 1/2 | 208/230-1PH-60 | 32300 | 1/2 | 3/4 | 45/440 | ZR32K5-PFV, ZR30K3PFV | HRM032U1LP6 |
| SQA038KAZ | 3 | 208/230-1PH-60 | 37000 | 1/2 | 3/4 | 50/440 | ZR38K5-PFV, ZR36K3PFV | HRM038U1LP6 |
| SQA042KAZ | 3 1/2 | 208/230-1PH-60 | 41200 | 1/2 | 3/4 | 50/440 | ZR42K5-PFV, ZR40K3PFV | HRM040U1LP6 |
| SR047KBZ | 4 | 208/230-1PH-60 | 47600 | 1/2 | 7/8 | 60/440 | ZR48K5-PFV | HRM048U1LP6 |
| SRA053KAZ | 4 1/2 | 208/230-1PH-60 | 53500 | 1/2 | 7/8 | 70/440 | ZR54K5-PFV | HRM054U1LP6 |
| SR057KCZ | 4 3/4 | 208/230-1PH-60 | 58000 | 1/2 | 7/8 | 70/440 | ZR57K3-PFV | HRM058U1LP6 |
| SR061RBZ | 5 | 208/230-3PH-60 | 62000 | 1/2 | 7/8 | N/A | ZR61K3-TF5 | HRM060U2LP6 |
| R410A Series | | | | | | | | |
| 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 | ZP29K5EPFV, ZP31K5EPFV | HRH032U1LP6 |
| AQA034KAA | 3 | 208/230-1-60 | 34100 | 1/2" | 7/8" | 45/440 | ZP34K5EPFV | HRH034U1LP6 |
| AQA036KAA | 3+ | 208/230-1-60 | 36000 | 1/2" | 7/8" | 45/440 | ZP36K5EPFV, ZP38K5EPFV | HRH038U1LP6 |
| AQA042KAA | 4 | 208/230-1-60 | 41500 | 1/2" | 7/8" | 70/440 | ZP42K5EPFV | HRH040U1LP6 |
| ABA051KAC | 5 | 208/230-1-60 | 51500 | 1/2" | 7/8" | 75/440 | ZP51K5EPFV | HRH051U1LP6 |
| ABA054KAA | 5+ | 208/230-1-60 | 54000 | 1/2" | 7/8" | 80/440 | ZP54K5EPFV | HRH054U1LP6 |
| ABA054RAB | 5+ | 208/230-3-60 | 54500 | 1/2" | 7/8" | — | ZP54K5ETF5 | HRH054U2LP6 |
| ABA054WAB | 5+ | 460-3-60 | 54000 | 1/2" | 7/8" | — | ZP54K5ETF5 | HRH054U4LP6 |

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.