

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



QUIET START-UP AND SHUT-DOWN

Discharge check valve minimizes sound



INTERNAL OVERLOAD PROTECTION

Thermal switch protects the compressor motor from overheating



	Item ID	Nominal H.P.	Volts-Phase-Hertz	Capacity (BTU)	Discharge Line I.D.	Suction Line I.D.	Run Capacitor MFD/Volts	Direct Replacement For Copeland
R22, R407C	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
	SQA032KAZ	2 1/2	208/230-1PH-60	32300	1/2	3/4	45/440	ZR32K5-PFV, ZR30K3PFV
	SQA038KAZ	3	208/230-1PH-60	37000	1/2	3/4	50/440	ZR38K5-PFV, ZR36K3PFV
	SQA042KAZ	3 1/2	208/230-1PH-60	41200	1/2	3/4	50/440	ZR42K5-PFV, ZR40K3PFV
	SR047KBZ	4	208/230-1PH-60	47600	1/2	7/8	60/440	ZR48K5-PFV
	SRA053KAZ	4 1/2	208/230-1PH-60	53500	1/2	7/8	70/440	ZR54K5-PFV
	SR057KCZ	4 3/4	208/230-1PH-60	58000	1/2	7/8	70/440	ZR57K3-PFV
	SR061RBZ	5	208/230-3PH-60	62000	1/2	7/8	N/A	ZR61K3-TF5
	R410A	APB016KAA	1 1/2	208/230-1-60	15200	1/2"	3/4"	35/370
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
AQA034KAA		3	208/230-1-60	34100	1/2"	7/8"	45/440	ZP34K5EPFV
AQA036KAA		3+	208/230-1-60	36000	1/2"	7/8"	45/440	ZP36K5EPFV, ZP38K5EPFV
AQA042KAA		4	208/230-1-60	41500	1/2"	7/8"	70/440	ZP42K5EPFV
ABA051KAC		5	208/230-1-60	51500	1/2"	7/8"	75/440	ZP51K5EPFV
ABA054KAA		5+	208/230-1-60	54000	1/2"	7/8"	80/440	ZP54K5EPFV
ABA054RAB		5+	208/230-3-60	54500	1/2"	7/8"	—	ZP54K5ETF5
ABA054WAB	5+	460-3-60	54000	1/2"	7/8"	—	ZP54K5ETF5	

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.

← **SQUARE MOUNT FOR A QUICK AND EASY INSTALL**



NEW MEDIUM TEMP. REFRIGERATION SCROLLS!



DISCHARGE TEMPERATURE SENSOR

External thermal sensor protects the scroll mechanism from overheating



INTERNAL PRESSURE RELIEF

A relief valve that opens to protect against high internal pressure

POE OIL CHARGED!

R404A, R507, R407A, R407C, R448A, R449A

Item ID	Nominal H.P.	Volts-Phase-Hertz	Capacity (BTU)	Discharge Line I.D.	Suction Line I.D.	Run Capacitor MFD/Volts	Direct Replacement For Copeland	Direct Replacement For Heatcraft*
MPA010KAA	1 1/4	208/230-1-60	15300	1/2	3/4"	30/370	ZS09KAE-PFV	21518201
MPA010RAA	1 1/4	208/230-3-60	15400	1/2	3/4"	N/A	ZS09KAE-TF5	21518202
MPA010SAA	1 1/4	460-3-60	15500	1/2	3/4"	N/A	ZS09KAE-TFD	21518203
MPA013KAA	1 3/4	208/230-1-60	19800	1/2	3/4"	35/370	ZS13KAE-PFV	21518204
MPA013RAA	1 3/4	208/230-3-60	19600	1/2	3/4"	N/A	ZS13KAE-TF5	21518205
MPA013SAA	1 3/4	460-3-60	19600	1/2	3/4"	N/A	ZS13KAE-TFD	21518206
MPA015KAA	2	208/230-1-60	23400	1/2	3/4"	40/370	ZS15KAE-PFV	21518207
MPA015RAA	2	208/230-3-60	23000	1/2	3/4"	N/A	ZS15KAE-TF5	21518208
MPA015SAA	2	460-3-60	22800	1/2	3/4"	N/A	ZS15KAE-TFD	21518209
MPA019KAA	2 1/4	208/230-1-60	26100	1/2"	3/4"	45/370	ZS19KAE-PFV	21518210
MPA019RAA	2 1/4	208/230-3-60	25800	1/2"	3/4"	N/A	ZS19KAE-TF5	21518211
MPA019SAA	2 1/4	460-3-60	25600	1/2"	3/4"	N/A	ZS19KAE-TFD	21518212
MBA021KAA	2 3/4	208/230-1-60	34400	1/2"	7/8"	55/370	ZS21KAE-PFV	21518213
MBA021RAA	2 3/4	208/230-3-60	34500	1/2"	7/8"	N/A	ZS21KAE-TF5	21518214
MBA021SAA	2 3/4	460-3-60	34600	1/2"	7/8"	N/A	ZS21KAE-TFD	21518215
MBA026KAA	3	208/230-1-60	38500	1/2"	7/8"	55/370	ZS26KAE-PFV	21518216
MBA026RAA	3	208/230-3-60	38100	1/2"	7/8"	N/A	ZS26KAE-TF5	21518217
MBA026SAA	3	460-3-60	38000	1/2"	7/8"	N/A	ZS26KAE-TFD	21518218
MBA029KAA	3 1/2	208/230-1-60	43000	1/2"	7/8"	60/440	ZS29KAE-PFV	21518219
MBA029RAA	3 1/2	208/230-3-60	43000	1/2"	7/8"	N/A	ZS29KAE-TF5	21518220
MBA029SAA	3 1/2	460-3-60	42800	1/2"	7/8"	N/A	ZS29KAE-TFD	21518221
MBA033KAA	4	208/230-1-60	48100	1/2"	7/8"	80/440	ZS33KAE-PFV	21518222
MBA033RAA	4	208/230-3-60	48100	1/2"	7/8"	N/A	ZS33KAE-TF5	21518223
MBA033SAA	4	460-3-60	48100	1/2"	7/8"	N/A	ZS33KAE-TFD	21518224
MRA038KAA	4 1/2	208/230-1-60	54000	1/2"	7/8"	80/440	ZS38K4E-PFV	21518225
MRA038RAA	4 1/2	208/230-3-60	54500	1/2"	7/8"	N/A	ZS38K4E-TF5	21518226
MRA038SAA	4 1/2	460-3-60	54700	1/2"	7/8"	N/A	ZS38K4E-TFD	21518227
MRA045RAA	5 1/4	208/230-3-60	65000	1/2"	7/8"	N/A	ZS45K4E-TF5	21518228
MRA045SAA	5 1/4	460-3-60	65000	1/2"	7/8"	N/A	ZS45K4E-TFD	21518229



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