

Thermal Cut-out

- Compressor Kit includes:
 - Molded Plug
 - Thermal Cut-out
 - Mounting Hardware
 - Warranty Tag
 - Instruction Sheet

- Competitively Priced

 Ouiot Start ups
 - Quiet Start-ups and Shutdown
 - Reliable
 - Conveniently fits other makes and models
 - Proven Product
 - Same square mounting as other scroll manufacturers (7.50" x 7.50")

Available through Totaline Sales Centers.

Molded Plug

APA032KAG A57LGE
APA032KAG A57LGE
R410A

1 PH 60 Hz 208 - 230V~ LRA 70 MCC 23.8

MADE IN KOREA (1) ROHS



Universal HVAC/R Parts and Supplies

1 US

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Product Offering

- Residential AC/HP Applications.
- Single phase, 208-230V, 60Hz.
- Two 3 phase models, 208-230V, 460V, 60Hz.
- 21 models: 11 R-410A Sku's and 10 R-22 Sku's.
- R-410A capacity range 15,200 Btu/hr 54,000 Btu/hr.
- R-22 capacity range 21,500 Btu/hr 62,000 Btu/hr.
- Used by major OEM's including; Carrier, ICP and Lennox.

Product Highlights

- · Optimized performance in low load conditions.
- · Internal pressure relief.
- · Excellent external discharge temperature protection.
- · Check valve acts as an anti-reverse rotation device.
- · UL and cUL listed.

Convenient Installation

- · Cooling and heat pump applications.
- · Minimal piping differences with other scrolls.
- Same square mounting (7.50" x 7.50") as other scroll manufacturers.



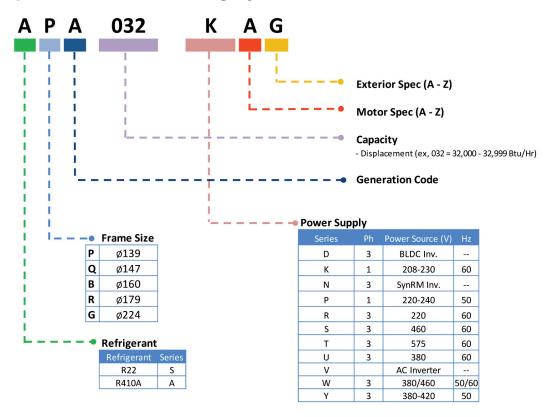
- · Compressor kit includes:
 - Molded Plug
- Warranty Tag
- Thermal Cut-out
- Instruction Sheet
- Mounting Hardware

Features & Benefits

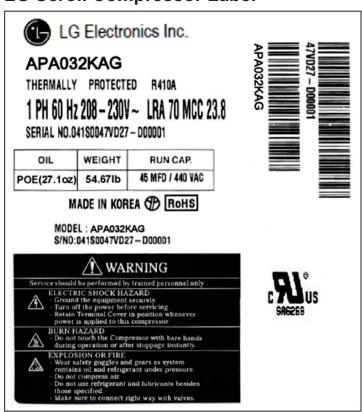
- Quiet Start-up and Shut Down Device: Start-up and shut down sound is minimized by a check valve located in the discharge port of the scroll sets – prevents scroll from operating backwards.
- Discharge Temperature Protection (DTS):
 The compressor discharge temperature is monitored by a temperature sensor mounted on the top cap of the compressor. DTS protects against excessively high scroll temperatures due to loss of charge or operating outside the compressor envelope.
- Internal Motor Overload Protection (OLP):
 An inherent protection system sensing both motor winding temperature and motor current; designed to open the common wire on single phase units and stop motor operation if motor high temperature or over current conditions exist.
- Internal Pressure Relief (IPR): The internal pressure relief is designed to open when the difference of the suction and discharge pressure is within a certain range, allowing high temperature gas bypass into the motor area and tripping the OLP.
- Vacuum Protection Device: An internal protection that opens if a high vacuum condition exists and bypasses high pressure gas to the low pressure. The OLP may trip.

Available through Totaline® Sales Centers

LG Scroll Compressor Part Numbering System



LG Scroll Compressor Label

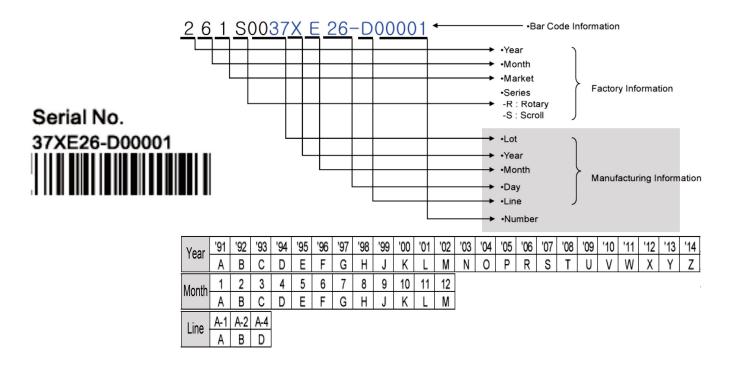


LG Scroll Compressor Box Label





LG Scroll Compressor Serial Number Composition



Frequently Asked Questions

- Q1. Can a competitor's aftermarket compressor be subbed for in-warranty replacements on OEM compressors?
 - **A1.** No in-warranty replacement of an OEM compressor in Carrier®, Bryant® and Payne® equipment must use the specified service replacement compressor from EPIC in order to be accepted in the warranty system
- Q2. Are LG Compressors a drop-in replacement in non-warranty applications for other major brands of compressors?
 - **A2.** Yes they are designed to have the same footprint, and piping differences are insignificant to allow for subbing in the field.
- Q3. What is the service parts warranty on LG Compressors?
 - **A3.** All LG Compressors are covered by a standard 1-year warranty. Extended warranties for 2-5 years are available on all models.
- Q4. Are all LG compressors supplied with a molded plug?
 - A4. Yes one made specifically for the LG product line and supplied with the service compressor.
- Q5. Is the LG molded plug interchangeable with other scroll manufacturers?
 - **A5.** No it can only be used on LG product
- Q6. Are "alternative refrigerants" approved for use with LG compressors in residential applications?
 - **A6.** No alternative refrigerants are not approved for use in Carrier®, Bryant® and Payne® equipment regardless of compressors' brand.

Available through Totaline® Sales Centers

LG Scroll Compressor Technical Detail for R-410A Models

R-410A SERVICE MODEL	CAPACITY BTU/HR	APPL	PHASE	VOLTAGE	HZ	RUN CAP MFD/VOLTS	OIL TYPE	POE VG32 CHARGE (OZ.)
APA016KAC	15,200	AC/HP	1	208-230	60	35/370	POE	27.1
APA020KAC	19,500	AC/HP	1	208-230	60	35/370	POE	27.1
APA024KAB	22,400	AC/HP	1	208-230	60	40/370	POE	27.1
APA029KAC	28,000	AC/HP	1	208-230	60	45/440	POE	27.1
APA032KAG	30,500	AC/HP	1	208-230	60	45/440	POE	27.1
AQA038KAB	37,700	AC/HP	1	208-230	60	60/440	POE	43.3
AQA039KAC	39,000	AC/HP	1	208-230	60	60/440	POE	43.3
AQA042KAE	41,500	AC/HP	1	208-230	60	70/440	POE	43.3
ABA049KAB	48,000	AC/HP	1	208-230	60	70/440	POE	50.7
ABA051KAF	51,500	AC/HP	1	208-230	60	75/440	POE	50.7
ABA054KAC	54,000	AC/HP	1	208-230	60	80/440	POE	50.7

LG Scroll Compressor R-410A Offering with Legacy Part Numbers (see note below)

		<u> </u>	<u> </u>
Refrigerant	Legacy Part Number	OEM Part Number	Service Part Number
R-410A	-	-	APA016KAC
R-410A	-	-	APA020KAC
R-410A	-	-	APA024KAB
R-410A	RLC2821	APA029KAB	APA029KAC
R-410A	RLC3021	APA032KAD	APA032KAG
R-410A	RLC3721	AQA038KAA	AQA038KAB
R-410A	RLC3921	AQA039KAA	AQA039KAC
R-410A	-	AQA042KAB	AQA042KAE
R-410A	-	-	ABA049KAB
R-410A	RLC5221	ABA051KAE	ABA051KAF
R-410A	-	ABA054KAB	ABA054KAC

Note: Service part numbers will be sold upon inventory depletion of corresponding legacy part numbers.

LG Scroll Compressor Technical Detail for R-22 and R-407C Models

R-22 SERVICE MODEL	CAPACITY BTU/HR	APPL	PHASE	VOLTAGE	HZ	RUN CAP MFD/VOLTS	OIL TYPE	MINERAL CHARGE (OZ.)	
SQA022KAZ	21,500	AC/HP	1	208-230	60	35/440	POE	37.2	
SQA026KAZ	26,100	AC/HP	1	208-230	60	35/440	POE	37.2	
SQA032KAZ	32,300	AC/HP	1	208-230	60	45/440	POE	37.2	
SQA038KAZ	37,000	AC/HP	1	208-230	60	50/440	POE	37.2	
SQA042KAZ	41,200	AC/HP	1	208-230	60	50/440	POE	37.2	
SR047KBZ	47,600	AC/HP	1	208-230	60	60/440	POE	55.8	
SRA053KAZ	53,500	AC/HP	1	208-230	60	70/440	POE	55.8	
SR057KCZ	58,000	AC/HP	1	208-230	60	70/440	POE	55.8	
SR061RBO	62,000	AC/HP	3	208-230	60	-	4GSI	68.8	
SR061SAB	61,500	AC/HP	3	460	60	-	4GSI	63.5	

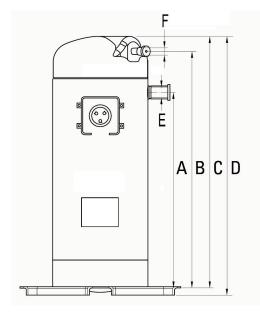
LG Scroll Compressor Accessories (see note below)

Description	Legacy Part Number	Service Part Number	Comments
Thermal Cut Out	RTC0061	AGG74119701	For use on all models
Molded Plug Assy	RMP0051	AGG74119801	For use on all R-410A models
Molded Plug Assy	-	AGG74119802	For use on all R-22 SQA models
Molded Plug Assy	-	AGG74119803	For use on all R-22 SRA/SR models
Molded Plug Assy	-	AGG74119804	For use on all R-22 SR 3 phase models
40W, 240V Crankcase Heater	-	P041-4443	For use on APA, AQA, ABA, SQA models
70W, 240V Crankcase Heater	-	HT32BH857	For use on all R-22 SRA/SR models



LG Scroll Compressor Dimensions





LG Scroll Compressor Weight, Dimensions and Connection Size for R-410A Models

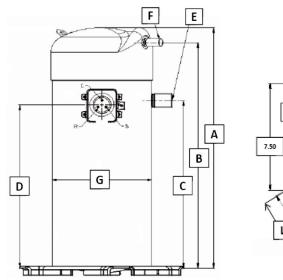
SERVICE MODEL	WEIGHT (LBS.)	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	SUCTION E	DISCHARGE F
APA016KAC	56	9.83	14.93	16.01	16.41	3/4	1/2
APA020KAC	56	9.83	14.93	16.01	16.41	3/4	1/2
APA024KAB	56	9.83	14.93	16.01	16.41	3/4	1/2
APA029KAC	56	9.83	14.93	16.01	16.41	3/4	1/2
APA032KAG	56	9.83	14.93	16.01	16.41	3/4	1/2
AQA038KAB	64	11.94	16.42	17.46	18.01	7/8	1/2
AQA039KAC	64	11.94	16.42	17.46	18.01	7/8	1/2
AQA042KAE	64	11.94	16.42	17.46	18.01	7/8	1/2
ABA049KAB	78	11.69	16.37	17.68	18.23	7/8	1/2
ABA051KAF	78	11.69	16.37	17.68	18.23	7/8	1/2
ABA054KAC	79	11.69	16.37	17.68	18.23	7/8	1/2

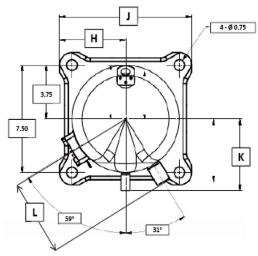
LG Scroll Compressor Weight, Dimensions and Connection Size for R-22 Models

SERVICE MODEL	WEIGHT (LBS.)	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	SUCTION E	DISCHARGE F
SQA022KAZ	60	11.12	15.41	16.49	16.90	3/4	1/2
SQA026KAZ	60	11.12	15.41	16.49	16.90	3/4	1/2
SQA032KAZ	60	11.12	15.41	16.49	16.90	3/4	1/2
SQA038KAZ	61	11.12	15.41	16.49	16.90	3/4	1/2
SQA042KAZ	61	11.12	15.41	16.49	16.90	3/4	1/2
SR047KBZ	96	12.79	17.24	18.39	18.94	7/8	1/2
SRA053KAZ	96	12.79	17.24	18.39	18.94	7/8	1/2
SRA057KCZ	96	12.79	17.24	18.39	18.94	7/8	1/2
SR061RBD	84	11.50	15.90	17.56	18.11	7/8	1/2
SR061SAB	80	11.50	15.90	17.56	18.11	7/8	1/2

Available through Totaline® Sales Centers

Scroll Compressor Line Drawing Example





		Copeland Scr	oll Compressor	LG Scroll C	Compressor
	Dimensions (inches)	R22	R410A	R22	R410A
Model		ZR25K5-PFV	ZP24K5E-PFV	SQA026KAZ	APA024KAB
Overall Height	А	15.26	15.28	16.49	16.01
Discharge Height	В	14.24	14.27	15.41	14.94
Suction Height	С	10.09	10.37	10.35	9.84
Plug Height	D	9.98	10.27	11.12	10.19
Suction	E	0.76	0.76	0.76	0.76
Discharge	F	0.50	0.50	0.50	0.50
Circumference	G	5.50	5.50	6.04	5.72
Center to Mtg Plate end	Н	4.50	4.50	4.62	4.62
Mtg Plate Width	J	9.69	9.69	9.24	9.24
Center to Discharge stub	K	4.06	4.06	4.53	4.20
Center to Suction stub	L	3.93	3.93	3.69	4.11

		Copeland Scr	oll Compressor	LG Scroll Compressor		
	Dimensions (inches)	R22	R410A	R22	R410A	
Model		ZR54K5-PFV	ZP54K5E-PFV	SRA053KAZ	ABA054KAC	
Overall Height	Α	16.43	16.47	18.39	17.68	
Discharge Height	В	15.42	15.46	17.24	16.37	
Suction Height	С	11.16	11.62	12.79	11.70	
Plug Height	D	10.95	11.41	12.48	11.90	
Suction	E	0.88	0.88	0.88	0.88	
Discharge	F	0.50	0.50	0.50	0.50	
Circumference	G	6.51	6.58	7.26	6.53	
Center to Mtg Plate end	Н	4.78	4.63	4.62	4.62	
Mtg Plate Width	J	9.69	9.69	9.24	9.24	
Center to Discharge stub	К	4.55	4.55	5.02	4.61	
Center to Suction stub	L	4.40	4.40	4.39	4.73	



Competitive Cross Reference - LG to Copeland and Danfoss R-410A Models

R-410A M	R-410A Models - Single Phase, 208-230 Volt, 60 Hz									
LG Scroll Compressors			Copela	nd Scroll Com	oressors	Danfos	Danfoss Scroll Compressors			
LG Part Number	CAPACITY BTU/HR	RUN CAP MFD/VOLTS	COPELAND Part Number	CAPACITY BTU/HR	RUN CAP MFD/VOLTS	DANFOSS Part Number	CAPACITY BTU/HR	RUN CAP MFD/VOLTS		
APA016KAC	15,200	35/370	ZP16K5E-PFV	15,500	30/370	N/A	N/A	N/A		
APA020KAC	19,500	35/370	ZP20K5E-PFV	20,000	35/370	N/A	N/A	N/A		
APA024KAB	22,400	40/370	ZP24K5E-PFV	24,000	40/370	N/A	N/A	N/A		
APA029KAC	28,000	45/440	ZP28K5E-PFV	27,900	45/370	HRH029U1LP6	29,000	45/370		
APA032KAG	30,500	45/440	ZP31K5E-PFV	31,100	45/370	HRH029U1LP6	29,000	45/370		
AQA038KAB	37,700	60/440	ZP38K5E-PFV	37,500	45/370	HRH036U1LP6	35,404	55/370		
AQA039KAC	39,000	60/440	ZP39K5E-PFV	39,000	45/370	HRH039U1LP6	39,510	60/370		
AQA042KAE	41,500	70/440	ZP42K5E-PFV	42,000	70/370	HRH039U1LP6	39,510	60/370		
ABA049KAB	48,000	70/440	ZP49K5E-PFV	49,400	70/370	HRH051U1LP6	51,798	70/370		
ABA051KAF	51,500	75/440	ZP51K5E-PFV	51,000	70/370	HRH051U1LP6	51,798	70/370		
ABA054KAC	54,000	80/440	ZP54K5E-PFV	54,000	80/370	HRH054U1LP6	54,498	80/370		

Competitive Cross Reference - LG to Copeland and Danfoss R-22 Models

R-22 Mod	R-22 Models - Single Phase, 208-230 Volt, 60 Hz									
LG S	Scroll Compres	sors	Copela	nd Scroll Com	pressors	Danfos	s Scroll Comp	ressors		
LG Part Number	CAPACITY BTU/HR	RUN CAP MFD/VOLTS	COPELAND Part Number			DANFOSS Part Number	CAPACITY BTU/HR	RUN CAP MFD/VOLTS		
SQA022KAZ	21,500	35/440	ZR21K5E-PFV	21,000	35/370	N/A	N/A	N/A		
SQA026KAZ	26,100	35/440	ZR25K5E-PFV	25,300	40/370	HRM025T1LP6	25,000	45/370		
SQA032KAZ	32,300	45/440	ZR32K5E-PFV	32,600	50/370	HRM034U1LP6	34,103	45/370		
SQA038KAZ	37,000	50/440	ZR38K5E-PFV	38,000	55/370	HRM038U1LP6	37,999	55/370		
SQA042KAZ	41,200	50/440	ZR42K5E-PFV	42,200	55/370	HRM042U1LP6	42,005	60/370		
SR047KBZ	47,600	60/440	ZR48K5E-PFV	48,200	60/440	HRM048U1LP6	47,706	60/370		
SRA053KAZ	53,500	70/440	ZR54K5E-PFV	53,500	80/370	HRM054U1LP6	53,705	70/370		
SR057KCZ	58,000	70/440	ZR57K3E-EFV	58,000	80/370	HRM058U1LP6	57,705	80/370		

R-22 Models - Three Phase, 208-230/ 460 Volt, 60 Hz								
LG Scroll Compressors Copeland Scroll Compressors Danfoss Scroll Compressors								
LG Part Number	CAPACITY BTU/HR	COPELAND Part Number	CAPACITY BTU/HR	DANFOSS Part Number	CAPACITY BTU/HR			
SR061RBD	62,000	ZR57/61K3-TF5	58,500/62,000	HRM058/60U2LP6	57,808/59,723			
SR061SAB	61,500	ZR57/61K3-TFD	58,500/62,000	HRM058/60U4LP6	57,808/59,723			

LG R-22 Competitive Cross-Reference

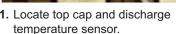
10 LG R-22 MODELS REPLACE 59 COPELAND & 36 DANFOSS/SCROLL TECH MODELS

Competitive Cross-reference Sheet					
LG Model	ARI Capacity	Copeland Model	ARI Capacity	Danfoss / Scroll Tech Model	ARI Capacity
SQA022KAZ	21,500	ZR21KA-PFV	21,000		
		ZR21K5E-PFV	21,000		
		ZR22K3-PFV	22,400		
		ZR22KC-PFV	22,000		
		ZR23K1-PFV	22,900		
		ZR22K4-PFV	22,000		
SQA026KAZ	26,100	ZR24K3-PFV	24,500		
		ZR24K4-PFV	24,400		
		ZR24KC-PFV	24,300		
		ZR25K5E-PFV	25,300		
		ZR26K3-PFV	26,600		
		ZR26KA-PFV	26,000		
		ZR26KC-PFV	26,500	HRM025T1	25,000
		ZR28K3-PFV	28,500		
		ZR28K5E-PFV	28,400		
		ZR28KA-PFV	28,400		
		ZR29KC-PFV	28,500		
SQA032KAZ	32,300	ZR30K3-PFV	31,100		
		ZR30KC-PFV	31,100		
		ZR32K3-PFV	32,600		
		ZR32K5E-PFV	32,600		
		ZR32KA-PFV	32,600	HRM032U1	32,000
		ZR34K3-PFV	34,400	HRM034U1	34,103
		ZR34KA-PFV	34,400	SRC340	33,700
		ZR34KC-PFV	34,300	XCD340	34,103
SQA038KAZ	37,000	ZR36K3-PFV	36,900	XCD380	37,999
		ZR36KC-PFV	36,900	HRM038U1	37,999
		ZR38K5E-PFV	38,000	SCD380	37,400
		ZR38KA-PFV	38,000	SCD400	39,700
		ZR40K3-PFV	40,600	HRM040U1	39,999
		ZR40KC-PFV	40,600	XCD400	39,999
SQA042KAZ	41,200	ZR42K3-PFV	42,800		
		ZR42K5E-PFV	42,200		
		ZR42KA-PFV	42,200	SCD420	41,700
		ZR42KC-PFV	42,000	HRM042U1	42,005
		ZR44KA-PFV	44,000	XCD420	42,005
		ZR44K5E-PFV	44,000	000,4504.0	11.100
SR047KBZ	47,600	ZR45KC-PFV	46,000	SRD450AC	44,100
		ZR45K3-PFV	46,000	HRM045U1	45,001
		ZR46K3-PFV	47,200	XCD450	45,001
		ZR47K3-PFV	48,200		
		ZR48K5E-PFV	48,200	LIDMOATUA	47.000
		ZR47KC-PFV ZR48K3-PFV	47,500 49,800	HRM047U1 HRM048U1	47,000 47,706
			49,800		
		ZR48KC-PFV ZR49K3-PFV	49,500 49,200	SRD480AC XRD480	48,000 47,706
SRA053KAZ	53,500	ZR49K3-PFV ZR52K3-PFV	49,200 52,000	ARD400	41,100
		ZR52K3-PFV ZR54K3-PFV	52,000	HRM054U1	53,705
		ZR54K5E-PFV	53,500	SRD540	54,100
		ZR54KA-PFV	53,500	XRD540 XRD540	53,705
		ZR54KC-PFV	55,000	AND340	55,705
		ZR57K3E-PFV	58,000	SRD/XRD580	57,900
SR057KCZ	58,000	ZR57K3E-PFV ZR57KCE-PFV	57,500	HRM058U1	57,900 57,705
		ZR61K3E-PFV	62,000	SRD/XRD600	60,000
		ZR61KCE-PFV	62,000	HRM060U1	59,757
SR061RBD	62,000	ZR57K3E-TF5	58,000	SRY/XRY580	57,900
		ZN3/N3E-1F3	50,000	HRM058U2	57,808
		ZR61K3E-TF5	62,000	HRM060U2	9,723
SR061SAB	61,500	ZR57K3E-TFD	58,000	SRH/XRH600	60,000
			· · · · · · · · · · · · · · · · · · ·	HRM058U4	
		ZR61K3E-TFD	62,000	HRM060U4	57,808 59,723



4 Easy Steps to Replace a Discharge Temperature Sensor







1. Locate top cap and discharge 2. Carefully remove sensor cover.



3. Expose the sensor holder.



4. Slide out the sensor, slide in replacement, and reinstall the cover.

LG Scroll Compressor Thermal Protector and Molded Plug Assemblies

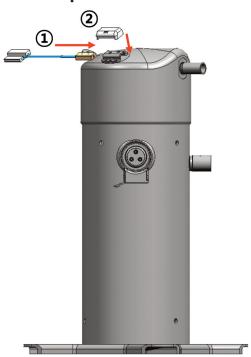


Figure 1 - Thermal Protector Assembly

- 1. Insert "Thermistor" into the bracket with rounded surface facing upwards
- 2. Press down "Thermistor Cover" firmly until clicked



Figure 2 - Molded Plug Assembly

- 1. Insert "Gasket" around the terminals
- 2. Insert "Harness (Molded plug)" to terminal pins
- 3. Press down "Terminal Cover" firmly until clicked

NOTE: The two blue leads from the Discharge Temperature Switch (DTS) located on top of the compressor are to be wired in series between the High Pressure Switch (HPS) and Low Pressure Switch (LPS) (Safety Circuit) utilizing insulated quick disconnects. See wiring diagrams in Figures 3 & 4 on the next page and connection sequence in Figure 1 for reference.

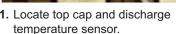
NOTE: Molded plug is not interchangeable with plugs from other manufacturers. Always see connection sequence in Figure 2 for reference.

NOTE: Reference enclosed wiring diagrams and unit wiring diagrams in owner's manual to aid in reattaching electrical connections.



4 Easy Steps to Replace a Discharge Temperature Sensor







1. Locate top cap and discharge 2. Carefully remove sensor cover.



3. Expose the sensor holder.



4. Slide out the sensor, slide in replacement, and reinstall the cover.

LG Scroll Compressor Thermal Protector and Molded Plug Assemblies

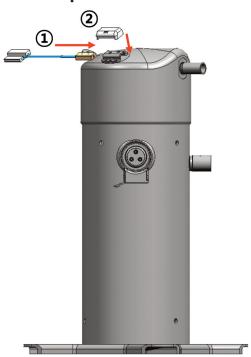


Figure 1 - Thermal Protector Assembly

- 1. Insert "Thermistor" into the bracket with rounded surface facing upwards
- 2. Press down "Thermistor Cover" firmly until clicked



Figure 2 - Molded Plug Assembly

- 1. Insert "Gasket" around the terminals
- 2. Insert "Harness (Molded plug)" to terminal pins
- 3. Press down "Terminal Cover" firmly until clicked

NOTE: The two blue leads from the Discharge Temperature Switch (DTS) located on top of the compressor are to be wired in series between the High Pressure Switch (HPS) and Low Pressure Switch (LPS) (Safety Circuit) utilizing insulated quick disconnects. See wiring diagrams in Figures 3 & 4 on the next page and connection sequence in Figure 1 for reference.

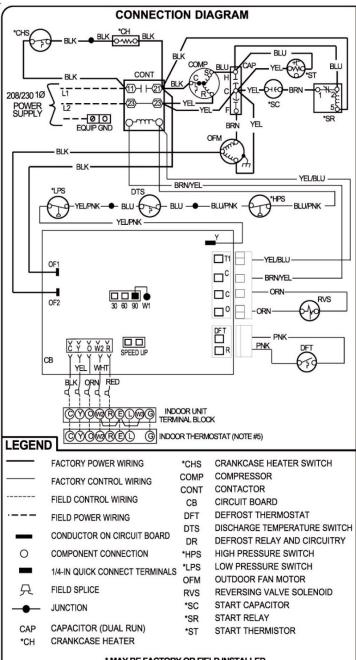
NOTE: Molded plug is not interchangeable with plugs from other manufacturers. Always see connection sequence in Figure 2 for reference.

NOTE: Reference enclosed wiring diagrams and unit wiring diagrams in owner's manual to aid in reattaching electrical connections.

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LG Scroll Compressor Wiring Diagrams

Figure 3 - Heat Pump

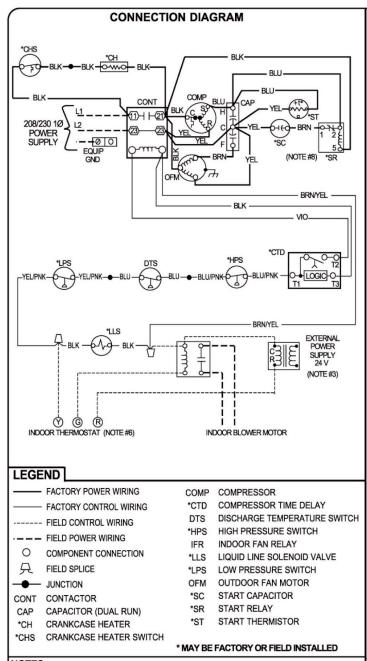


* MAY BE FACTORY OR FIELD INSTALLED

NOTES:

- Compressor and fan motor furnished with inherent Thermal protection.
- To be wired in accordance with national electric Code (N.E.C.) And local codes.
- N.E.C. Class 2, 24 v circuit, min. 40 va required, 60va on Units installed with lls.
- Use copper conductors only from disconnect to unit.
- Must use thermostat and sub-base as stated in Pre-sale literature.
- If indoor section has a transformer with a grounded secondary, connect the grounded side to "c" on the circuit board.
- If any of the original wire, as supplied, must be replaced, use the same or equivalent wire. Check all electrical connections inside control box for tightness.
- Do not attempt to operate unit until service valves have been opened.
- 10. Use conductors suitable for at least 75°c (167°f).

Figure 4 - Cooling Only

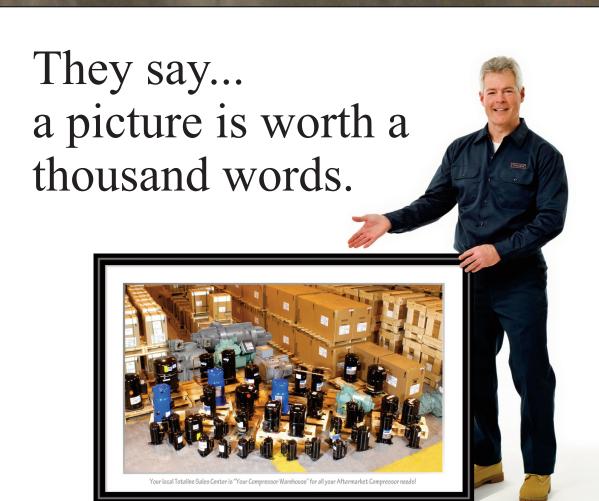


NOTES:

- Symbols are electrical representation only.
- Compressor and fan motor furnished with inherent thermal protection. To be wired in accordance with National Electric N.E.C. and local codes.

- N.E.C. class 2, 24 V circuit, min. 40 VA required, 60 VA on units installed with LLS. Use copper conductors only. Use conductors suitable for at least 75°C (167°F). Connection for typical cooling only thermostat. For other arrangements see installation Instructions.
- If indoor section has a transformer with a grounded secondary, connect the grounded side to the BRN/YEL lead.
- When start relay and start capacitor are installed, start thermistor is not used.
- If any of the original wire, as supplied must be replaced, use the same or equivalent wire. Check all electrical connections inside control box for tightness.
- Do not attempt to operate unit until service valves have been opened.

 Do not rapid cycle compressor. Compressor must be off 3 minutes to allow pressures to equalize between high and low side before starting.



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