



RSG14**S1M

Split System Air Conditioner 14 SEER

REFRIGERANT SYSTEM

- R410a Refrigerant
- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air away from living area and shrubbery
- All units factory run tested
- Easy access to electrical panels, pre-wired for easy hook-up
- Liquid line drier shipped loose
- All units ETL and ETLC approved and AHRI Certified
- Charged for 15 feet of interconnecting tubing
- High pressure switch factory installed

WARRANTY

Standard warranty or Extended warranty available with product registration. See warranty document for details or visit www.marsdelivers.com



MODEL NUMBER GUIDE

R	S	G	14	24	S	1	M
Residential Condenser	Split System	'Green' Gas R-410A	Minimum SEER	Capacity BTUH x 1000	S = Scroll Compressor	Power 1 = 208/230-1-60	Series/ Revision

PHYSICAL AND ELECTRICAL DATA

Model	Volts/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Over- current Device (amps)	Compressor		Outdoor Fan Motor			Refrig. Charge (oz.) ¹	Shipping Weight (lbs.) ²
					Rated Load (amps)	Locked Rotor (amps)	Rated Load (amps)	Rated HP	Nom. RPM		
RSG1418S1M	208-230/60/1	197-253	12.4	20	9.4	56.6	0.7	1/10	1075	77	150
RSG1424S1M	208-230/60/1	197-253	15.0	25	11.2	60.8	1.0	1/6	825	86	160
RSG1430S1M	208-230/60/1	197-253	17.0	25	12.8	67.8	1.0	1/6	825	100	180
RSG1436S1M	208-230/60/1	197-253	18.6	30	14.1	83	1.0	1/6	825	102	185
RSG1442S1M	208-230/60/1	197-253	24.1	40	17.9	113	1.7	1/4	825	160	208
RSG1448S1M	208-230/60/1	197-253	26.6	45	19.8	109	1.7	1/4	825	174	220
RSG1460S1M	208-230/60/1	197-253	34.8	60	26.4	134	1.8	1/3	825	192	253

Note:

1 Factory charged for 15 feet of line set. Adjust per installation instructions.

2 Weights listed are unit weights with packaging



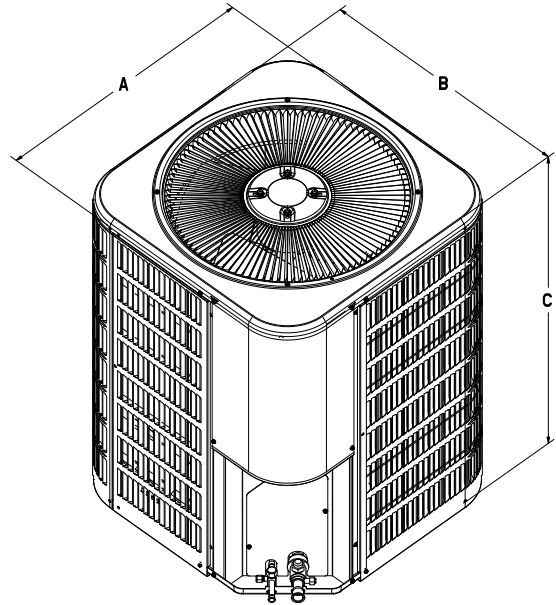
Comfort-Cire®

UNIT DIMENSIONS & SOUND RATINGS

Model	Dimensions (inch)			Sound Rating (dBA)
	A - Width	B - Depth	C - Height	
RSG1418S1M	24-1/4	24-1/4	29	71
RSG1424S1M	28-1/4	28-1/4	29	76
RSG1430S1M	28-1/4	28-1/4	37	74
RSG1436S1M	28-1/4	28-1/4	37	74
RSG1442S1M	28-1/4	28-1/4	33	76
RSG1448S1M	28-1/4	28-1/4	33	80
RSG1460S1M	32-1/4	32-1/4	37	80

Note:

Dimensions listed are unit sizes w/o packaging.



COOLING PERFORMANCE WITH EVAPORATOR COILS AC'S

Outdoor Model	Indoor Model	SEER	EER	AHRI Rated Capacity ¹ BTUH	Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line		TXV ²
	Evap. Coil						Outdoor		Indoor		Size		
							Suction	Liquid	Suction	Liquid	Suction	Liquid	
RSG1418S1M	(C, M, V)CG18PA1M + TXV	14.5	12	17400	14600	650	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG18PB1M + TXV	14.5	12	17400		650	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG18PC1M + TXV	14.5	12	17400		650	3/4	3/8	3/4	3/8	3/4	3/8	4200
RSG1424S1M	(C, M, V)CG24PA2M + TXV	14.5	11.8	22000	18800	815	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG24PB2M + TXV	14.5	11.8	22000		815	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG24PC2M + TXV	14.5	11.8	22000		815	3/4	3/8	3/4	3/8	3/4	3/8	4200
RSG1430S1M	(C, M, V)CG30PA2M + TXV	14.5	11.9	27000	22400	1000	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG30PB2M + TXV	14.5	11.9	27000		1000	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG30PC2M + TXV	14.5	11.9	27000		1000	3/4	3/8	3/4	3/8	3/4	3/8	4200
RSG1436S1M	(C, M, V)CG36PA1M + TXV	14.5	12	33400	27200	1200	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG36PB1M + TXV	14.5	12	33400		1200	3/4	3/8	3/4	3/8	3/4	3/8	4200
	(C, M, V)CG36PC1M + TXV	14.5	12	33400		1200	3/4	3/8	3/4	3/8	3/4	3/8	4200
RSG1442S1M	(C, M, V)CG42PB2M + TXV	14	11.9	38500	31800	1400	7/8	3/8	7/8	3/8	7/8	3/8	4202
	(C, M, V)CG42PC2M + TXV	14	11.9	38500		1400	7/8	3/8	7/8	3/8	7/8	3/8	4202
	(C, M, V)CG42PD2M + TXV	14	11.9	38500		1400	7/8	3/8	7/8	3/8	7/8	3/8	4202
RSG1448S1M	(C, M, V)CG48PB1M + TXV	14	11.8	45000	36600	1600	7/8	3/8	7/8	3/8	7/8	3/8	4202
	(C, M, V)CG48PC1M + TXV	14	11.8	45000		1600	7/8	3/8	7/8	3/8	7/8	3/8	4202
	(C, M, V)CG48PD1M + TXV	14	11.8	45000		1600	7/8	3/8	7/8	3/8	7/8	3/8	4202
RSG1460S1M	(C, M, V)CG60PC1M + TXV	14	11.8	54000	41500	1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	4202
	(C, M, V)CG60PD1M + TXV	14	11.8	54000		1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	4202

Note:

1 Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

2 Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required

COOLING PERFORMANCE WITH AIR HANDLERS AND FURNACES

Outdoor Model	Indoor Model	Variable Speed Furnace ¹	SEER	EER	AHRI Rated Capacity ² BTUH	Sensible Capacity BTUH	CFM
	Evap. Coil & Air Handler ¹						
RSG1430S1M	HMG30F1M		14.00	12.20	28000	21000	1000
	HMG30X1M		15.10	13.00	28000		1000
	HCG36V1M		16.00	13.00	28000		1000
	(C,V,M)CG36PB1M + TXV	GUH95C045B3M	16	12.5	28000	23256.21	1015
	(C,V,M)CG36PB1M + TXV	GUH95C045B3M	16	12.3	27400	23094.48	1020
	(C,V,M)CG30PC2M + TXV	GUH95C090C4M	16.5	12.8	27600	22159.38	945
	(C,V,M)CG36PC1M + TXV	GUH95C090C4M	16.5	12.9	27800	22380.16	945
	(C,V,M)CG30PB2M + TXV	GUH95T070B3M	16.5	12.7	27000	22144.6	960
	(C,V,M)CG36PB1M	GUH95T070B3M	16	12.8	27400	22456.8	960
	(C,V,M)CG36PB1M + TXV	GUH95T070B3M	16.5	12.8	27400	22456.8	960
	(C,V,M)CG30PC2M + TXV	GUH95T090C3M	16.5	12.7	27000	22538.67	1000
	(C,V,M)CG36PC1M	GUH95T090C3M	16	12.8	27400	22851.94	1000
	(C,V,M)CG36PC1M + TXV	GUH95T090C3M	16.5	12.8	27400	22851.94	1000
RSG1436S1M	HMG36F1M		14.00	12.20	34000	25500	1200
	HMG36X1M		14.00	12.20	34000		1200
	HCG36V1M		14.50	12.20	34000		1200
	(C,V,M)CG42PB2M + TXV	GUH95C070B3M	16	12	33600	27757.17	1200
	(C,V,M)CG48PB1M + TXV	GUH95C070B3M	16	12	34000	28058.31	1200
	(C,V,M)CG42PC2M	GUH95C090C4M	16	12.9	33600	27757.17	1200
	(C,V,M)CG42PC2M + TXV	GUH95C090C4M	16.5	12.9	33600	27757.17	1200
	(C,V,M)CG48PC1M	GUH95C090C4M	16	13	34000	28058.31	1200
	(C,V,M)CG48PC1M + TXV	GUH95C090C4M	16.5	13	34000	28058.31	1200
	(C,V,M)CG42PC2M + TXV	GUH95C110C5M	16.5	12.9	33600	27905.72	1215
	(C,V,M)CG48PC1M + TXV	GUH95C110C5M	16.5	13	34000	28207.04	1215
	(C,V,M)CG42PB2M + TXV	GUH95T045B3M	16	13	34200	28016.01	1200
	(C,V,M)CG48PB1M + TXV	GUH95T045B3M	16	13	34600	28196.77	1200
	(C,V,M)CG42PB2M + TXV	GUH95T070B3M	16	13	34200	28016.01	1200
	(C,V,M)CG48PB1M + TXV	GUH95T070B3M	16	13	34600	28196.77	1200
	(C,V,M)CG42PC2M	GUH95T090C3M	16	13	34200	28016.01	1200
	(C,V,M)CG42PC2M + TXV	GUH95T090C3M	16.5	13	34200	28016.01	1200
	(C,V,M)CG42PC2M	GUH95T090C3M	16	13	34600	28196.77	1200
	(C,V,M)CG48PC1M + TXV	GUH95T090C3M	16.5	13	34600	28196.77	1200
RSG1442S1M	HMG42F1M		14.00	12.20	40000	30000	1400
	HMG42X1M		14.50	12.20	40000		1400
	HCG42V1M		15.00	12.50	40000		1450
	(C,V,M)CG48PC1M + TXV	GUH95C090C4M	16	12	39500	31714.88	1345
	(C,V,M)CG60PC1M + TXV	GUH95C090C4M	16	12.7	39500	31171.18	1345
	(C,V,M)CG48PC1M + TXV	GUH95C110C5M	16	12	39500	32935.73	1455
	(C,V,M)CG60PC1M + TXV	GUH95C110C5M	16	12.7	39500	32348.28	1455

Note:

¹ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all furnaces and AH products.

² Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240.

COOLING PERFORMANCE WITH AIR HANDLERS AND FURNACES

Outdoor Model	Indoor Model	Variable Speed Furnace ¹	SEER	EER	AHRI Rated Capacity ² BTUH	Sensible Capacity BTUH	CFM
	Evap. Coil & Air Handler ¹						
RSG1418S1M	HMG24F1M		14.00	12.20	18000	13000	635
	HMG24X1M		16.00	13.00	18000		635
	HCG24V1M		16.00	13.00	18000		650
	(C,V,M)CG18PB1M + TXV	GUH95C045B3M	16	12	17000	14382.23	650
	(C,V,M)CG30PB2M + TXV	GUH95C045B3M	16.5	13	18000	15035.44	650
	(C,V,M)CG18PB1M + TXV	GUH95C070B3M	16	12.9	17800	14870.96	650
	(C,V,M)CG30PB2M + TXV	GUH95C070B3M	16	13	18000	15188.41	650
	(C,V,M)CG18PB1M	GUH95T045B3M	16	12.7	17400	14702.51	650
	(C,V,M)CG18PB1M + TXV	GUH95T045B3M	16.5	12.7	17400	14702.51	650
	(C,V,M)CG30PB2M	GUH95T045B3M	16	13	18000	15188.41	650
	(C,V,M)CG30PB2M + TXV	GUH95T045B3M	16.5	13.1	18400	15360.76	650
	(C,V,M)CG24PB2M	GUH95T045B3M	16	12.8	17500	15320.24	650
	(C,V,M)CG24PB2M + TXV	GUH95T045B3M	16.5	12.8	17500	15320.24	650
	(C,V,M)CG18PB1M	GUH95T070B3M	16	12.7	17400	14702.51	650
	(C,V,M)CG18PB1M + TXV	GUH95T070B3M	16.5	13.1	18300	15084.59	650
	(C,V,M)CG30PB2M	GUH95T070B3M	16	13	18000	15188.41	650
	(C,V,M)CG30PB2M + TXV	GUH95T070B3M	16.5	13.4	18900	15508.37	650
	(C,V,M)CG24PB2M	GUH95T070B3M	16	13	17900	15490.66	650
	(C,V,M)CG24PB2M + TXV	GUH95T070B3M	16.5	13	17900	15490.66	650
	(C,V,M)CG18PC1M	GUH95T090C3M	16	12.9	17800	14870.96	650
	(C,V,M)CG18PC1M + TXV	GUH95T090C3M	16.5	12.9	17800	14870.96	650
	(C,V,M)CG30PC2M	GUH95T090C3M	16.5	13.1	18400	15360.76	650
	(C,V,M)CG30PC2M + TXV	GUH95T090C3M	16.5	13.1	18400	15360.76	650
	(C,V,M)CG24PC2M + TXV	GUH95T090C3M	16.5	12.8	17500	15320.24	650
RSG1424S1M	HMG24F1M		14.00	12.20	23000	17000	850
	HMG24X1M		15.10	13.00	23000		850
	HCG24V1M		16.00	13.00	23000		820
	(C,V,M)CG30PB2M + TXV	GUH95C045B3M	16.5	12.7	22200	18028.11	790
	(C,V,M)CG24PB2M + TXV	GUH95C045B3M	16	12.3	21000	17939.6	850
	(C,V,M)CG30PB2M	GUH95C070B3M	16	12.8	22600	18678.59	850
	(C,V,M)CG30PB2M + TXV	GUH95C070B3M	16.5	12.8	22600	18678.59	800
	(C,V,M)CG24PB2M + TXV	GUH95C070B3M	16	12.4	21200	18267.29	800
	(C,V,M)CG30PB2M	GUH95T045B3M	16	13	23200	19434.54	800
	(C,V,M)CG30PB2M + TXV	GUH95T045B3M	16.5	13	23200	19434.54	850
	(C,V,M)CG24PB2M + TXV	GUH95T045B3M	16.5	12	21800	18941.16	850
	(C,V,M)CG30PB2M + TXV	GUH95T070B3M	16.5	12.7	22200	18671.49	850
	(C,V,M)CG24PB2M + TXV	GUH95T070B3M	16	12.3	20800	17938.68	850
	(C,V,M)CG30PC2M + TXV	GUH95T090C3M	16.5	12.7	22200	18671.49	800
	(C,V,M)CG24PC2M + TXV	GUH95T090C3M	16	12.3	20800	17938.68	850

Note:

1 A blower time delay relay is required to achieve AHRI rating. This feature is standard on all furnaces and AH products.

2 Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240.

COOLING PERFORMANCE WITH AIR HANDLERS AND FURNACES

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	AHRI Rated Capacity ² BTUH	Sensible Capacity BTUH	CFM
	Air Handler ¹						
RSG1448S1M	HMG48F1M+TXV	N/A	14.00	12.00	46500	39500	1600
	HMG48X1M	N/A	15.10	12.50	46500		1600
	HCG48V1M	N/A	14.50	11.70	47000		1600
RSG1460S1M	HMG60F1M+TXV	N/A	14.00	12.00	58000	42000	1800
	HMG60V1M	N/A	14.00	12.00	58000		1800

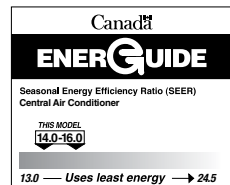
Note:

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ACCESSORIES

Description	Where Used	Kit Number
Crankcase Heater	All models	93M04
Hard Start Kit	18	10J42
	24, 30, 36, 41, 42, 47, 48, 59, 60	88M91
Low Ambient Kit	All models	34M72
Short Cycle Protector	All models	47J27
Freezestat	3/8 tubing	93G35
	5/8 tubing	50A93
Time Delay Relay	All models	58M81
Loss of Charge Kit	All models	84M23 (factory installed)
Sound Blanket	18, 24, 30, 36, 41	14W00 (factory installed)
	42, 47, 48, 59, 60	14W01 (factory installed)
TXV Kit Air Handlers	18, 24, 30	H4TXV01
	36, 42, 48	H4TXV02
	60	H4TXV03
TXV Evaporator Coils	18, 24, 30, 36	4200
	42, 48, 60	4202



Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations. Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.