Comfort-Aire®

RSG13**S1M

Split System Air Conditioner

13 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
- Corner mounted service valves for easy hook-up and service
- Liquid line filter drier shipped loose
- Charged for 15 feet of interconnecting tubing
- All units ETL and ETLC approved and AHRI certified

WARRANTY

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

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Intertek

AHRI CERTIFIED
Unitary Small AC
AHRI Standard 210/240

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MODEL NUMBER GUIDE

R	S	G	13	24	S	1	M
Residential Condenser	Split System	'Green' Gas R-410A	SEER 13, 14, 16	Capacity BTUH x 1000	S = Scroll Compressor	Power 1 = 208/230-1-60	Series/ Revision

ELECTRICAL AND PHYSICAL DATA

Model	Voltage/ Hz/ Phase	Voltage Range	Min. Circuit (Amps)	Max. Fuse (Amps)1	Compressor		Fan Motor			Refrig. Charge (oz.)2	Weight (lbs.)
					Rated Load (Amps)	Locked Rotor (Amps)	Full Load (Amps)	Rated HP	Nom. RPM		Louvered
RSG1318	208-230/60/1	197-253	10.9	15	8.1	39	0.7	1/10	1010	62	136
RSG1324	208-230/60/1	197-253	14.1	20	10.7	53	0.7	1/10	1010	63	137
RSG1330	208-230/60/1	197-253	15.6	25	11.6	59	1.1	1/5	1090	82	147
RSG1336	208-230/60/1	197-253	20.1	35	15.2	70	1.1	1/5	1090	84	149
RSG1342	208-230/60/1	197-253	28.1	45	21.1	90	1.7	1/4	825	104	194
RSG1348	208-230/60/1	197-253	31.9	50	24.1	100	1.7	1/4	825	124	192
RSG1360	208-230/60/1	197-253	29.4	60	22.1	120	1.7	1/4	830	144	205

1 Overcurrent protection device
2 Factory charge adequate for 15 feet of line set. Adjust per Installation Instructions.

ACCESSORIES

DESCRIPTION	WHERE USED	CATALOG NUMBER
Crankcase Heater	18, 24, 30, 36	93M04
Crankcase Heater	42, 48, 60	93M05
Hard Start Kit	18	10J42
Hard Start kit	24, 30, 36, 42, 48, 60	88M91
Compressor Low Ambient Kit	18, 24, 30, 36, 42, 48, 60	34M72
Sound Blanket	18, 24, 30, 36	14W00
	42, 48, 60	14W01
Short Cycle Protector	18, 24, 30, 36, 42, 48, 60	47J27
Freezestat	3/8" tubing	93G35
Freezestat	5/8" tubing	50A93
Time Delay Relay	18, 24, 30, 36, 42, 48, 60	58M81
Loss of Charge Kit	18, 24, 30, 36, 42, 48, 60	84M23
TXV Kit	18 - 30	H4TXV01
TXV Kit	36 - 48	H4TXV02
TXV Kit	60	H4TXV03

COOLING PERFORMANCE WITH EVAPORATOR COILS

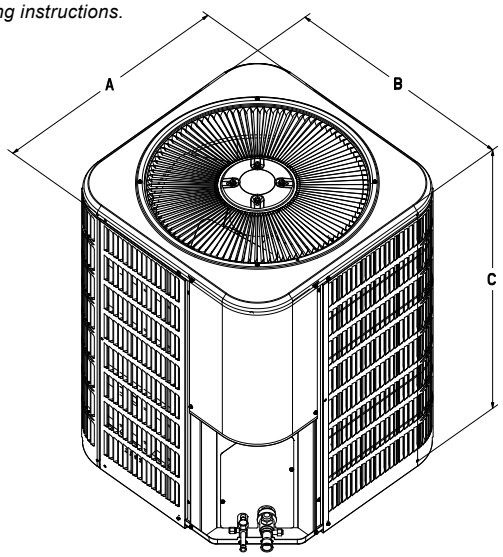
Outdoor Model	Indoor Model / Evaporator Coil	SEER	EER	Rated AHRI Capacity [1]	Rated Sensible Capacity	CFM	Refrigerant Connection				Refrigerant Line Size	
							Outdoor		Indoor			
							Suction	Liquid	Suction	Liquid	Suction	Liquid
RSG1318	(C, M, V)CG18PA1M	13	11	17800	15000	650	5/8	3/8	3/4	3/8	3/4	3/8
	(C, M, V)CG18PB1M	13	11	17800	15000	650	5/8	3/8	3/4	3/8	3/4	3/8
	(C, M, V)CG18PC1M	13	11	17800	15000	650	5/8	3/8	3/4	3/8	3/4	3/8
RSG1324	(C, M, V)CG24/30PA1M	13	10.8	22200	18600	800	5/8	3/8	3/4	3/8	3/4	3/8
	(C, M, V)CG24/30PB1M	13	10.8	22200	18600	800	5/8	3/8	3/4	3/8	3/4	3/8
	(C, M, V)CG24/30PC1M	13	10.8	22200	18600	800	5/8	3/8	3/4	3/8	3/4	3/8
RSG1330	(C, M, V)CG24/30PA1M	13	10.5	27200	22600	1000	3/4	3/8	3/4	3/8	3/4	3/8
	(C, M, V)CG24/30PB1M	13	10.5	27200	22600	1000	3/4	3/8	3/4	3/8	3/4	3/8
	(C, M, V)CG24/30PC1M	13	10.5	27200	22600	1000	3/4	3/8	3/4	3/8	3/4	3/8
RSG1336	(C, M, V)CG36PA1M	13	10.4	33400	27200	1200	3/4	3/8	3/4	3/8	3/4[2]	3/8
	(C, M, V)CG36PB1M	13	10.4	33400	27200	1200	3/4	3/8	3/4	3/8	3/4[2]	3/8
	(C, M, V)CG36PC1M	13	10.4	33400	27200	1200	3/4	3/8	3/4	3/8	3/4[2]	3/8
RSG1342	(C, M, V)CG42PB1M	13	10.1	38400	30600	1350	3/4	3/8	7/8	3/8	3/4[2]	3/8
	(C, M, V)CG42PC1M	13	10.1	38400	30600	1350	3/4	3/8	7/8	3/8	3/4[2]	3/8
	(C, M, V)CG42PD1M	13	10.1	38400	30600	1350	3/4	3/8	7/8	3/8	3/4[2]	3/8
RSG1348	(C, M, V)CG48PB1M	13	10.8	45500	36800	1600	7/8	3/8	7/8	3/8	7/8	3/8
	(C, M, V)CG48PC1M	13	10.8	45500	36800	1600	7/8	3/8	7/8	3/8	7/8	3/8
	(C, M, V)CG48PD1M	13	10.8	45500	36800	1600	7/8	3/8	7/8	3/8	7/8	3/8
RSG1360	(C, M, V)CG60PC1M	13	10.5	54000	41500	1800	7/8	3/8	7/8	3/8	7/8[3]	3/8
	(C, M, V)CG60PD1M	13	10.5	54000	41500	1800	7/8	3/8	7/8	3/8	7/8[3]	3/8

Note:
[1] Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240.
[2] For lines 25 ft. or over, use 7/8".
[3] For lines 25 ft. or over, use 1-1/8".
Equipment is charged for 15 ft. of lineset. Please refer to the IOM for charging instructions.
Increase refrigerant charge by .6 oz. per ft. over 15 ft. based on 3/8 copper.

UNIT DIMENSIONS & SOUND RATINGS

Note: Dimensions listed are unit sizes w/o packaging

Model	Dimensions			Sound Ratings (dBa)
	A - width (in.)	B - depth (in.)	C - height (in.)	
RSG1318	24-1/4	24-1/4	25	74
RSG1324	24-1/4	24-1/4	25	74
RSG1330	24-1/4	24-1/4	29	74
RSG1336	24-1/4	24-1/4	29	74
RSG1342	28-1/4	28-1/4	29	79
RSG1348	28-1/4	28-1/4	33	79
RSG1360	28-1/4	28-1/4	29	80



COOLING PERFORMANCE WITH AIR HANDLERS AND FURNACES

Outdoor Model	Indoor Model / Air Handler[1]	SEER	EER	Rated ARI Capacity[2] BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size	
							Outdoor		Indoor			
							Suction	Liquid	Suction	Liquid	Suction	Liquid
RSG1318S1M	HMG24F1M	13.0	11.0	17,600	13,380	650	3/4	3/8	3/4	3/8	3/4	3/8
	HMG24X1M	14.0	11.0	17,600	13,380	650	3/4	3/8	3/4	3/8	3/4	3/8
	HCG24V1M	14.0	11.0	18,000	13,380	650	3/4	3/8	3/4	3/8	3/4	3/8
RSG1324S1M	HMG24F1M	13.0	11.0	22,800	17,330	800	3/4	3/8	3/4	3/8	3/4	3/8
	HMG24X1M	14.0	11.0	22,800	17,330	800	3/4	3/8	3/4	3/8	3/4	3/8
	HCG24V1M	14.0	11.0	23,000	17,330	800	3/4	3/8	3/4	3/8	3/4	3/8
RSG1330S1M	HMG30F1M	13.0	11.0	28,000	21,000	1000	3/4	3/8	3/4	3/8	3/4	3/8
	HMG30X1M	14.0	11.0	28,000	21,000	1000	3/4	3/8	3/4	3/8	3/4	3/8
	HCG36V1M	14.0	11.0	29,000	21,000	1000	3/4	3/8	3/4	3/8	3/4	3/8
RSG1336S1M	HMG36F1M	13.00	10.50	34,000	24,800	1200	3/4	3/8	7/8	3/8	3/4[3]	3/8
	HMG36X1M	14.0	11.0	34,000	24,800	1200	3/4	3/8	7/8	3/8	3/4[3]	3/8
	HCG36V1M	13.50	11.00	34,000	24,800	1200	3/4	3/8	7/8	3/8	3/4[3]	3/8
RSG1342S1M	HMG42F1M	13.0	11.0	40,000	29,200	1400	7/8	3/8	7/8	3/8	3/4[3]	3/8
	HMG42X1M	14.0	11.0	40,000	29,200	1400	7/8	3/8	7/8	3/8	3/4[3]	3/8
	HCG42V1M	13.5	11.5	40,000	29,200	1400	7/8	3/8	7/8	3/8	3/4[3]	3/8
RSG1348S1M	HMG48F1M	13.00	11.00	47,000	34300	1600	7/8	3/8	7/8	3/8	7/8	3/8
	HMG48X1M	14.0	11.0	47,000	34300	1600	7/8	3/8	7/8	3/8	7/8	3/8
	HCG48V1M	13.50	11.00	47,000	34300	1600	7/8	3/8	7/8	3/8	7/8	3/8
RSG1360S1M	HMG60F1M	13.00	11.00	57,000	41000	1800	7/8	3/8	7/8	3/8	7/8[4]	3/8
	HMG60X1M	13.5	11.0	57,000	41000	1800	7/8	3/8	7/8	3/8	7/8[4]	3/8
	HCG60V1M	13.50	11.00	57,000	41000	1800	7/8	3/8	7/8	3/8	7/8[4]	3/8

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.*

[3] *For lines 25 ft. or over, use 7/8".*

[4] *For lines 25 ft. or over, use 1-1/8".*

Equipment is charged for 15 ft. of lineset.
Please refer to the IOM for charging instructions.
Increase refrigerant charge by .6 oz. per ft. over 15 ft. based on 3/8 copper.

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.

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