



13 SEER Condensing Units for R-410A

RSG13 SERIES 1½ to 5 Tons

Dependable comfort for single family, multi-family and light commercial applications.

- **Louvered metal jacket** protects the coil while adding to the attractive appearance
- **Long life copper coils** with enhanced aluminum fins provide maximum heat exchange for greatest efficiency
- **Muffler** on compressor discharge dampens compressor sound
- **Top discharge fan** assembly provides easy access to working components, optimum heat exhaust and quiet operation
- **Scroll compressors** feature advanced technology for long life and efficiency
- **Heavy duty grille** and motor mount contribute to quiet fan operation
- **Service ports** for both vapor and liquid are easily accessed
- **Waterproof control box** is conveniently located for installation and service
- **Durable cabinet** is painted to stand up to tough weather conditions and maintain an attractive appearance
- Condensing units are designed for outdoor ground level or rooftop installation



Top discharge fan assembly for simple access to components; fan motor is mounted to grille for quiet operation

Readily accessible service valves and ports for fast installation and maintenance



Units are certified and rated under AHRI Standard 210/240 for Unitary Air Conditioners when installed as a matched system

HEAT CONTROLLER, INC.

PERFORMANCE DATA—AHRI STANDARD CONDITIONS—NOMINAL 13 SEER

INDOOR/OUTDOOR UNIT MATCHES			COOLING PERFORMANCE <small>80°F DB/67°F WB INDOOR—95°F DB OUTDOOR</small>				NOM. AIR FLOW CFM
INDOOR TYPE	OUTDOOR MODEL	INDOOR MODEL	CAPACITY (BTUH)		EFFICIENCY		
			TOTAL	SENS	EER	SEER*	
HYDRONIC AIR HANDLER	RSG1318-1A	AHG24-0A	17,900	14,900	11.4	13.0	600
	RSG1324-1A	AHG24-0A	23,600	19,600	11.2	13.0	800
	RSG1330-1A	AHG30-0A	29,600	24,500	11.6	13.0	1000
	RSG1336-1A	AHG36-0A	34,000	28,500	11.2	13.0	1200
	RSG1342-1A	AHG48-0A	41,500	34,400	11.2	13.0	1400
	RSG1348-1A	AHG48-0A	47,000	39,000	11.5	13.0	1600
	RSG1360-1A	AHG60-0A	55,500	48,000	11.1	13.0	2000
VARIABLE SPEED HYDRONIC AIR HANDLER	RSG1318-1A	AHGV24-0A	18,000	15,000	12.0	14.0	600
	RSG1324-1A	AHGV24-0A	23,800	19,500	11.8	14.0	800
	RSG1330-1A	AHGV36-0A	29,200	23,900	12.0	14.0	1000
	RSG1336-1A	AHGV36-0A	36,000	29,500	12.0	14.0	1200
	RSG1342-1A	AHGV48-0A	42,000	34,400	12.0	14.0	1400
	RSG1348-1A	AHGV48-0A	48,000	39,400	12.0	14.0	1600
	RSG1360-1A	AHGV60-0A	55,000	46,700	11.8	13.5	2000
ELECTRIC HEAT AIR HANDLER	RSG1318-1A	HAG24-00-1A	17,900	14,900	11.4	13.0	600
	RSG1324-1A	HAG24-00-1A	23,600	19,600	11.2	13.0	800
	RSG1330-1A	HAG36-00-1A	29,600	24,500	11.6	13.0	1000
	RSG1336-1A	HAG36-00-1A	34,000	28,500	11.5	13.0	1200
	RSG1342-1A	HAG48-00-1A	41,500	34,400	11.2	13.0	1400
	RSG1348-1A	HAG48-00-1A	47,000	39,000	11.5	13.0	1600
	RSG1360-1A	HAG60-00-1A	55,500	48,000	11.1	13.0	2000
VARIABLE SPEED ELECTRIC HEAT AIR HANDLER	RSG1318-1A	HAGV24-00-1A	18,000	15,000	12.0	14.0	600
	RSG1324-1A	HAGV24-00-1A	23,800	19,700	11.8	14.0	800
	RSG1330-1A	HAGV36-00-1A	29,200	23,200	12.0	14.0	1000
	RSG1336-1A	HAGV36-00-1A	36,000	28,300	12.0	14.0	1200
	RSG1342-1A	HAGV48-00-1A	42,000	34,000	12.0	14.0	1400
	RSG1348-1A	HAGV48-00-1A	48,000	38,900	12.0	14.0	1600
	RSG1360-1A	HAGV60-00-1A	55,000	46,100	11.9	13.5	2000
UPFLOW AND COUNTERFLOW CASED COILS*	RSG1318-1A	VHG24EA-14, -17	18,000	15,100	11.4	13.0	600
	RSG1324-1A	VHG24EA-14, -17	24,000	19,600	11.2	13.0	800
	RSG1330-1A	VHG36EA-14, -17, -21	29,600	24,500	11.6	13.0	1,000
	RSG1336-1A	VHG36EA-14, -17, -21	34,600	28,000	11.5	13.0	1,200
	RSG1342-1A	VHG48EA-17, -21, -24	41,500	34,000	11.2	13.0	1,400
	RSG1348-1A	VHG48EA-17, -21, -24	47,000	38,500	11.5	13.0	1,600
	RSG1360-1A	VHG60EA-21, -24	56,500	46,300	11.0	13.0	2,000
MULTI-POSITION CASED COILS	RSG1318-1A	MHG24EA-14, -17	18,000	15,100	11.4	13.0	600
	RSG1324-1A	MHG24EA-14, -17	24,000	19,600	11.2	13.0	800
	RSG1330-1A	MHG36EA-14, -17, -21	29,600	24,500	11.6	13.0	1,000
	RSG1336-1A	MHG36EA-14, -17, -21	34,600	28,000	11.5	13.0	1,200
	RSG1342-1A	MHG48EA-17, -21, -24	41,500	34,000	11.2	13.0	1,400
	RSG1348-1A	MHG48EA-17, -21, -24	47,000	38,500	11.5	13.0	1,600
	RSG1360-1A	MHG60EA-21, -24	56,500	46,300	11.0	13.0	2,000
UNCASED COILS	RSG1318-1A	CSG24EA-14, -17	18,000	15,100	11.4	13.0	600
	RSG1324-1A	CSG24EA-14, -17	24,000	19,600	12.2	13.0	800
	RSG1330-1A	CSG36EA-14, -17, -21	29,600	24,500	11.6	13.0	1,000
	RSG1336-1A	CSG36EA-14, -17, -21	34,600	28,000	11.5	13.0	1,200
	RSG1342-1A	CSG48EA-17, -21, -24	41,500	34,000	11.2	13.0	1,400
	RSG1348-1A	CSG48EA-17, -21, -24	47,000	38,500	11.5	13.0	1,600
	RSG1360-1A	CSG60EA-21, -24	56,500	46,300	11.0	13.0	2,000

*Limited availability on some models. Contact Factory.

NOTE: Only these combinations of indoor and outdoor units are approved. Any other combinations will not be considered AHRI certified match and could void the warranty.

PERFORMANCE DATA—AHRI STANDARD CONDITIONS—NOMINAL 13 SEER

Model	Rated Load Amps (RLA)	Compressor		Min. Circuit Ampacity	Max. Fuse or HACR Circuit Breaker	Outdoor Coil			R-410A Oz.*	Weight	
		Locked Rotor Amps (LRA)	Fan Motor Full Load Amps (FLA)			Face Area Sq. Ft.	No. Rows	CFM		Net Lbs.	Ship Lbs.
RSG1318-1A	9.0/9.0	48	0.6	12/12	20/20	11.06	1	1645	77	127	135
RSG1324-1A	12.8/12.8	58.3	0.6	17/17	25/25	11.06	1	1700	77	126	134
RSG1330-1A	14.1/14.1	73	0.8	19/19	30/30	13.72	1	2370	95	144	154
RSG1336-1A	17.0/17.0	96.7	0.8	23/23	35/35	16.39	1	2805	106	166	178
RSG1342-1A	21.8/21.8	112	1.2	29/29	50/50	16.39	1	3295	118	194	206
RSG1348-1A	21.8/21.8	117	1.2	29/29	50/50	21.85	1	3295	149	222	233
RSG1360-1A	26.4/26.4	134	1.2	35/35	60/60	21.85	1	3570	176	227	238

*Factory charge includes refrigerant for 15 feet of standard line set.

LINE SIZES AND COMPRESSOR

Model	Connection Size (Inch ODS Female)		Standard Line Size (Inch OD)		Compressor Type
	Liquid	Suction	Liquid	Suction	
RSG1318-1A	3/8	3/4	3/8	3/4	Scroll
RSG1324-1A	3/8	3/4	3/8	3/4	Scroll
RSG1330-1A	3/8	3/4	3/8	3/4	Scroll
RSG1336-1A	3/8	7/8	3/8	7/8	Scroll
RSG1342-1A	3/8	7/8	3/8	7/8	Scroll
RSG1348-1A	3/8	7/8	3/8	1-1/8	Scroll
RSG1360-1A	3/8	7/8	3/8	1-1/8	Scroll

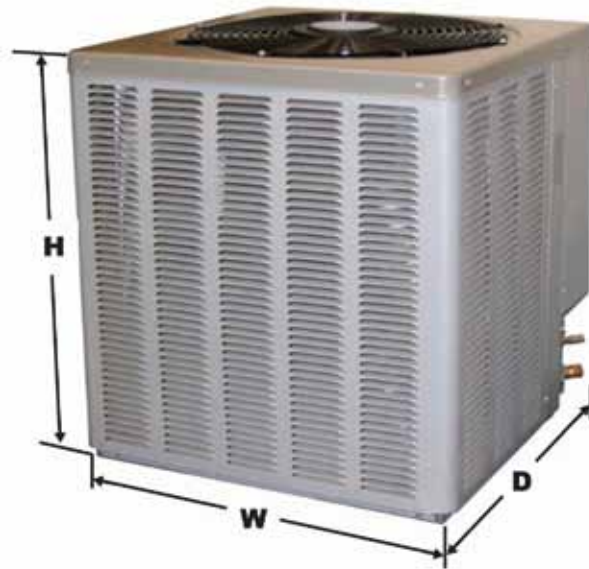
MODEL IDENTIFICATION

RS	G	13	18	—	1	A
A/C Series	Refrigerant R-410A	SEER (Nominal)	Nominal Cooling Capacity x 1000		Power 1 = 208/230V-1-60	Revision Level

Power Supply: 208/230V-1-60

UNIT DIMENSIONS

Model Number	Height "H" (inches)	Depth "D" (inches)	Width "W" (inches)
RSG1318/1324	24-1/4	23-5/8	23-5/8
RSG1330	24-1/4	27-5/8	27-5/8
RSG1336/1342/1348	27-3/8	31-5/8	31-5/8
RSG1360	35-3/8	31-5/8	31-5/8



Outstanding Limited Warranty—12 years on compressor, 12 years on other parts!

With registration by original owner within 90 days; other limitations apply. See printed warranty for details.

**Design, specifications, materials and performance data
subject to change without notice.**

HEAT CONTROLLER, INC.

1900 Wellworth Ave., Jackson, Michigan 49203 • Ph. 517-787-2100 • Fax 517-787-9341

www.heatcontroller.com

THE QUALITY LEADER IN CONDITIONING AIR