

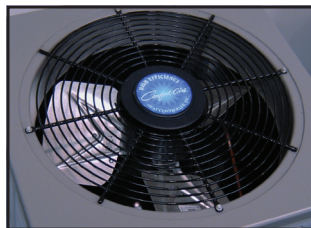


14.5 SEER Condensing Units for R-410A

RSG14-B SERIES

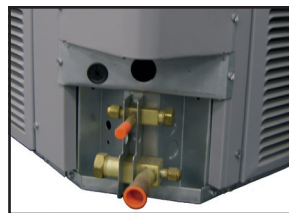
1½ to 5 Tons

Dependable comfort for single family, multi-family and light commercial applications. SEER ratings as high as 16.0, depending on air handler match.



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



High efficiency and charged with earth-friendly R-410A





- **Louvered metal jacket** protects the coil while adding to the attractive appearance and allowing maximum heat exchange
- **Long life copper coils** with enhanced aluminum fins provide maximum heat exchange for greatest efficiency
- **Muffler** on compressor discharge dampens compressor sound
- **Waterproof control box** is conveniently located for installation and service
- **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
- **Top discharge fan** assembly provides easy access to working components, optimum heat exhaust and quiet operation
- **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

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.

HEAT CONTROLLER, INC.

PERFORMANCE DATA—AHRI STANDARD CONDITIONS—NOMINAL 14.5 SEER

INDOOR/OUTDOOR UNIT MATCHES			COOLING PERFORMANCE				NOM. AIR FLOW CFM
INDOOR TYPE	OUTDOOR MODEL	INDOOR MODEL	CAPACITY (BTUH)		EFFICIENCY		
			TOTAL	SENS	EER	SEER*	
HYDRONIC AIR HANDLER	RSG1418-1B	AHG24-0A	18,000	15,000	12.5	14.0	600
	RSG1424-1B	AHG24-0A	23,600	19,100	12.0	14.0	800
	RSG1430-1B	AHG30-0A	29,800	24,700	12.0	14.0	1000
	RSG1436-1B	AHG36-0A	35,600	29,500	12.0	14.0	1200
	RSG1442-1B	AHG48-0A	40,500	33,500	12.0	14.0	1400
	RSG1448-1B	AHG48-0A	47,000	39,000	12.0	14.0	1600
	RSG1460-1B	AHG60-0A	56,000	46,500	12.0	14.0	2000
VARIABLE SPEED HYDRONIC AIR HANDLER	RSG1418-1B*	 AHGV24-0A	17,800	14,600	13.0	16.0	600
	RSG1424-1B*	 AHGV24-0A	23,000	19,000	13.0	16.0	800
	RSG1430-1B	AHGV36-0A	27,000	22,400	12.5	15.0	1000
	RSG1436-1B	AHGV36-0A	34,000	28,200	12.0	15.0	1200
	RSG1442-1B	AHGV48-0A	40,000	33,200	12.5	15.0	1400
	RSG1448-1B	AHGV48-0A	47,500	39,500	12.5	15.0	1600
	RSG1460-1B	AHGV60-0A	58,500	48,500	12.5	15.0	2000
ELECTRIC HEAT AIR HANDLER	RSG1418-1B	HAG24-00-1A	18,000	15,000	12.0	14.5	600
	RSG1424-1B	HAG24-00-1A	23,600	19,100	12.0	14.5	800
	RSG1430-1B	HAG36-00-1A	28,200	23,400	12.0	14.5	1000
	RSG1436-1B	HAG36-00-1A	35,000	29,000	12.0	14.5	1200
	RSG1442-1B	HAG48-00-1A	40,500	33,500	12.0	14.5	1400
	RSG1448-1B	HAG48-00-1A	47,500	39,500	12.0	14.5	1600
	RSG1460-1B	HAG60-00-1A	59,500	49,500	12.0	14.5	2000
VARIABLE SPEED ELECTRIC HEAT AIR HANDLER	RSG1418-1B*	 HAGV24-00-1A	17,800	14,600	13.0	16.0	600
	RSG1424-1B*	 HAGV24-00-1A	24,000	19,900	13.5	15.5	800
	RSG1430-1B	HAGV36-00-1A	27,000	24,400	12.5	15.0	1000
	RSG1436-1B	HAGV36-00-1A	34,000	28,200	12.0	14.0	1200
	RSG1442-1B	HAGV48-00-1A	40,000	33,200	12.5	15.0	1400
	RSG1448-1B	HAGV48-00-1A	47,500	39,500	12.5	15.0	1600
	RSG1460-1B	HAGV60-00-1A	58,500	48,500	12.5	15.0	2000
UPFLOW AND COUNTERFLOW CASED COILS *	RSG1418-1B	VHG24EA-14, -17	18,000	15,000	12.0	14.5	600
	RSG1424-1B	VHG24EA-14, -17	23,600	19,100	12.0	14.5	800
	RSG1430-1B	VHG36EA-14, -17, -21	27,800	23,000	12.0	14.5	1,000
	RSG1436-1B	VHG36EA-14, -17, -21	34,600	28,700	12.0	14.5	1,200
	RSG1442-1B	VHG48EA-17, -21, -24	40,500	33,500	12.0	14.5	1,400
	RSG1448-1B	VHG48EA-17, -21, -24	48,000	39,800	12.0	14.5	1,600
	RSG1460-1B	VHG60EA-21, -24	59,500	49,500	12.0	14.5	2,000
MULTI-POSITION CASED COILS	RSG1418-1B	MHG24EA-14, -17	18,000	15,000	12.0	14.5	600
	RSG1424-1B	MHG24EA-14, -17	23,600	19,100	12.0	14.5	800
	RSG1430-1B	MHG36EA-14, -17, -21	27,800	23,000	12.0	14.5	1,000
	RSG1436-1B	MHG36EA-14, -17, -21	34,600	28,700	12.0	14.5	1,200
	RSG1442-1B	MHG48EA-17, -21, -24	40,500	33,500	12.0	14.5	1,400
	RSG1448-1B	MHG48EA-17, -21, -24	48,000	39,800	12.0	14.5	1,600
	RSG1460-1B	MHG60EA-21, -24	59,500	49,500	12.0	14.5	2,000
UNCASED COILS	RSG1418-1B	CSG24EA-14, -17	18,000	15,000	12.0	14.5	600
	RSG1424-1B	CSG24EA-14, -17	23,600	19,100	12.0	14.5	800
	RSG1430-1B	CSG36EA-14, -17, -21	27,800	23,000	12.0	14.5	1,000
	RSG1436-1B	CSG36EA-14, -17, -21	34,600	28,700	12.0	14.5	1,200
	RSG1442-1B	CSG48EA-17, -21, -24	40,500	33,500	12.0	14.5	1,400
	RSG1448-1B	CSG48EA-17, -21, -24	48,000	39,800	12.0	14.5	1,600
	RSG1460-1B	CSG60EA-21, -24	59,500	49,500	12.0	14.5	2,000

*Energy Star® compliant, qualifies for Federal Tax Credits

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

ELECTRICAL & PHYSICAL DATA

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.
RSG1418-1B	9.0/9.0	48	0.8	12/12	20/20	16.39	1	2805	112.0	154	171
RSG1424-1B	13.5/13.5	58.3	0.8	18/18	30/30	16.39	1	2805	105.6	154	171
RSG1430-1B	12.8/12.8	64	1.4	18/18	30/30	16.39	1	3000	112.0	157	175
RSG1436-1B	16.7/16.7	79	1.9	23/23	35/35	21.85	1	3570	130.4	181	201
RSG1442-1B	17.9/17.9	112	2.8	26/26	40/40	21.85	1	3060	145.12	205	225
RSG1448-1B	21.8/21.8	117	2.8	31/31	50/50	21.85	2	4105	216.0	249	269
RSG1460-1B	26.4/26.4	134	2.8	36/36	60/60	21.85	2	4105	240.0	254	274

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

LINE SIZES AND COMPRESSOR

Model	Connection Size (Inch IDS Female)		Standard Line Size (Inch ID)		Compressor Type
	Liquid	Suction	Liquid	Suction	
RSG1418-1B	3/8	3/4	3/8	3/4	Scroll
RSG1424-1B	3/8	3/4	3/8	3/4	Scroll
RSG1430-1B	3/8	3/4	3/8	3/4	Scroll
RSG1436-1B	3/8	7/8	3/8	7/8	Scroll
RSG1442-1B	3/8	7/8	3/8	7/8	Scroll
RSG1448-1B	3/8	7/8	3/8	1-1/8	Scroll
RSG1460-1B	3/8	7/8	3/8	1-1/8	Scroll

MODEL IDENTIFICATION

RS	G	14	18	—	1	B
A/C Series	Refrigerant R-410A	SEER (Nominal)	Nominal Cooling Capacity x 1000		Power 1 = 208/230V-1-60	Revision Level

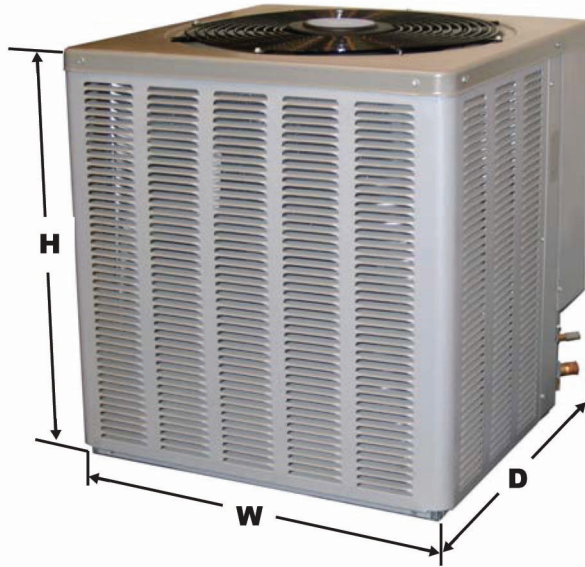
Power Supply: 208/230V-1-60



Certain models & matches; see page 2.

UNIT DIMENSIONS

Model No.	Height "H" (inches)	Depth "D" (inches)	Width "W" (inches)
RSG1418, 1424, 1430-1B	27-3/8	31-5/8	31-5/8
RSG1436/1442/1448/1460-1B	35-3/8	31-5/8	31-5/8



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

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

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THE QUALITY LEADER IN CONDITIONING AIR