

Comfort-Aire®

13 SEER CONDENSING UNITS

RSE SERIES

1.5 to 5 Tons

Packed with features for comfort, efficiency and value

- **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
- **Heavy duty 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
- Units are certified and rated under ARI Standard 210/240 for Unitary Air Conditioners when installed as a matched system



Top discharge fan assembly for simple access to components

Accessible service ports for fast installation and maintenance



Outstanding Warranty Coverage—12 years on compressor, 6 years on other parts!

HEAT CONTROLLER, INC.

PERFORMANCE DATA—ARI STANDARD CONDITIONS—NOMINAL 13 SEER

INDOOR/OUTDOOR UNIT MATCHES			COOLING PERFORMANCE 80°F DBT/67°F WBT INDOOR—95°F DBT OUTDOOR				AIR FLOW CFM
INDOOR TYPE	OUTDOOR MODEL	INDOOR MODEL	CAPACITY (BTUH) TOTAL SENS		EFFICIENCY EER SEER*		
HYDRONIC HEAT AIR HANDLERS	RSE1318-1A	AHB1324-0B	18,000	15,100	11.0	13.0	600
	RSE1324-1A		23,400	19,200	11.0	13.0	800
	RSE1330-1A	AHB1330-0B	28,600	23,700	11.0	13.0	1000
	RSE1336-1A	AHB1336-0B	34,800	28,500	11.0	13.0	1200
	RSE1342-1A	AHB1324-0B	41,500	34,400	11.0	13.0	1400
	RSE1348-1A	AHB1361-0B	47,000	39,000	11.5	13.0	1600
	RSE1360-1A		56,500	48,000	11.5	13.0	2000
FAN COILS (NO HEAT)	RSE1318-1A	HFC1324-0A	18,000	15,100	11.7	13.0	600
	RSE1324-1A		23,400	19,200	11.6	13.0	800
	RSE1330-1A	HFC1335-0A	28,600	23,700	11.5	13.0	1000
	RSE1336-1A		34,800	28,500	11.8	13.0	1200
	RSE1342-1A	HFC1348-0A	41,500	34,400	11.3	13.0	1400
	RSE1348-1A		47,000	39,000	11.4	13.0	1600
	RSE1360-1A	HFC1361-0A	56,500	48,000	11.3	13.0	2000
ELECTRIC HEAT AIR HANDLERS	RSE1318-1A	HFE1817EP1A	18,500	13,150	12.2	13.0	600
		HAH1324-00-1A	18,000	15,100	11.7	13.0	600
	RSE1324-1A	HFE2417EP1A	23,600	16,450	11.9	13.0	800
		HAH1324-00-1A	23,400	19,200	11.6	13.0	800
	RSE1330-1A	HFE3017EP1A	28,600	20,100	11.9	13.0	950
		HAH1336-00-1A	28,600	23,700	11.5	13.0	1000
	RSE1336-1A	HFE3617EP1A	34,600	23,500	12.0	13.0	1100
		HAH1336-00-1A	34,800	28,500	11.8	13.0	1200
	RSE1342-1A	HFE4221EP1A	41,500	29,750	11.5	13.0	1350
		HAH1348-00-1A	41,500	34,400	11.3	13.0	1400
	RSE1348-1A	HFE4821EX1A	47,000	33,900	11.5	13.0	1525
		HAH1348-00-1A	47,000	39,000	11.4	13.0	1600
	RSE1360-1A	HFE6024EX1A	60,000	41,350	12.0	13.0	1800
		HAH1361-00-1A	56,500	48,000	11.3	13.0	2000
UPFLOW AND COUNTER FLOW CASED COILS	RSE1318-1A	VHE24FB-14, -17	18,000	14,210	12.0	13.0	600
	RSE1324-1A	VHE24FB-14, -17	24,000	18,650	12.0	13.0	800
	RSE1330-1A	VHE30FB-14, -17	30,000	23,710	11.3	13.0	1,000
	RSE1336-1A	VHE36FB-14, -17	35,200	27,240	11.6	13.0	1,200
		VHE42EB- 21	35,800	27,670	11.7	13.5	1,200
	RSE1342-1A	VHE42EB-17, -21	41,500	31,900	11.5	13.0	1,400
	RSE1348-1A	VHE48EB-17, -21, -24	47,000	36,220	11.6	13.0	1,600
RSE1360-1A	VHE60EB-21, -24	54,000	43,650	11.0	13.0	2,000	
MULTIPOSITION CASED COILS	RSE1318-1A	MHE24FB-14, -17	18,000	14,210	12.0	13.0	600
	RSE1324-1A	MHE24FB-14, -17	24,000	18,650	12.0	13.0	800
	RSE1330-1A	MHE30FB-14, -17	30,000	23,710	11.3	13.0	1,000
	RSE1336-1A	MHE36FB-14, -17	35,200	27,240	11.6	13.0	1,200
		MHE42EB- 21	35,800	27,670	11.7	13.5	1,200
	RSE1342-1A	MHE42EB-17, -21	41,500	31,900	11.5	13.0	1,400
	RSE1348-1A	MHE48EB-17, -21, -24	47,000	36,220	11.6	13.0	1,600
RSE1360-1A	MHE60EB-21, -24	54,000	43,650	11.0	13.0	2,000	
UNCASED COILS	RSE1318-1A	CSE24FB-14, -17	18,000	14,210	12.0	13.0	600
	RSE1324-1A	CSE24FB-14, -17	24,000	18,650	12.0	13.0	800
	RSE1330-1A	CSE30FB-14, -17	30,000	23,710	11.3	13.0	1,000
	RSE1336-1A	CSE36FB-14, -17	35,200	27,240	11.6	13.0	1,200
		CSE42EB- 21	35,800	27,670	11.7	13.5	1,200
	RSE1342-1A	CSE42EB-17, -21	41,500	31,900	11.5	13.0	1,400
	RSE1348-1A	CSE48EB-17, -21, -24	47,000	36,220	11.6	13.0	1,600
RSE1360-1A	CSE60EB-21, -24	54,000	43,650	11.0	13.0	2,000	

*TDR on air handling unit required. All Heat Controller air handling units include TDR blower.

PERFORMANCE DATA—ARI STANDARD CONDITIONS—NOMINAL 14 SEER

INDOOR/OUTDOOR UNIT MATCHES			COOLING PERFORMANCE				AIR FLOW CFM
INDOOR TYPE	OUTDOOR MODEL	INDOOR MODEL	80°F DBT/67°F WBT INDOOR—95°F DBT OUTDOOR		EFFICIENCY		
			CAPACITY (BTUH) TOTAL	SENS	EER	SEER*	
MULTI- POSITION CASED COILS	RSE1318-1A	MHN30EA-14, -17	18,000	15,000	12.2	14.0	600
	RSE1324-1A	MHN30EA-14, -17	24,000	19,710	12.4	14.0	800
	RSE1330-1A	MHN30EA-14, -17	30,000	24,360	11.6	14.0	1,000
	RSE1336-1A	MHN36EA-17, 21	36,000	28,600	12.0	14.0	1,200
	RSE1342-1A	MHN48EA-17, -21, -24	42,000	33,460	12.0	14.0	1,400
	RSE1348-1A	MHN48EA-17, -21, -24	48,000	37,970	12.1	14.0	1,600

*TDR on air handling unit blower required.

MODEL IDENTIFICATION

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

ELECTRICAL AND PHYSICAL DATA

Model	Power Supply 60 hz	Compressor		Fan Motor Full Load Amps (FLA)	Min. Circuit Ampacity	Max. Fuse or HACR Circuit Breaker	Outdoor Coil			R-22 Oz.	Weight	
		Rated Load Amps (RLA)	Locked Rotor Amps (LRA)				Face Area Sq. Ft.	No. Rows	CFM		Net Lbs.	Ship Lbs.
RSE1318-1A	208/230V-1	6.4/6.4	36	1.00	10	15	8.4	1	1900	67.4	150	158
RSE1324-1A	208/230V-1	9.9/9/9	54	0.6	14	20	11.1	1	1700	77.0	155	163
RSE1330-1A	208/230V-1	10.6/10.6	61	0.8	15	20	13.7	1	2325	97.8	175	185
RSE1336-1A	208/230V-1	13.5/13.5	78	0.8	18	30	16.4	1	2800	108	200	212
RSE1342-1A	208/230V-1	19.2/19.2	105	0.8	25	40	16.4	1	2800	121	205	217
RSE1348-1A	208/230V-1	21.1/21.1	115	1.2	28	45	16.4	1	3300	123	210	222
RSE1360-1A	208/230V-1	25/25	150	1.2	33	50	21.9	1	3575	190.8	247	258

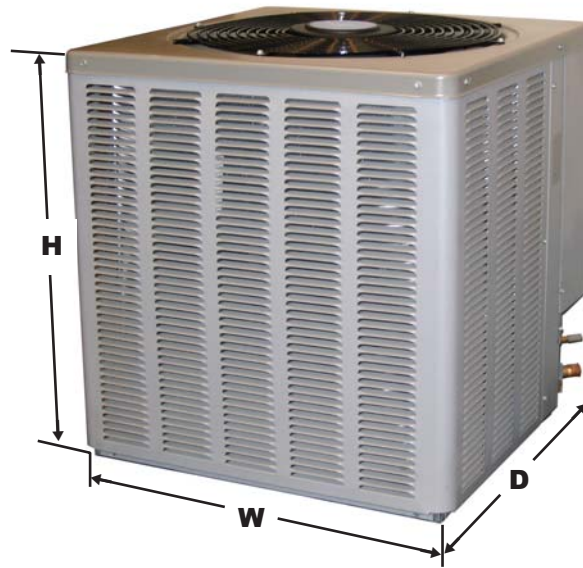
NOTE: Factory charged for 15' line set.

LINE SIZES and COMPRESSOR

Model	Connection Size (Inch ODS Female)		Standard Line Size (Inch OD)		Compressor Type
	Liquid	Suction	Liquid	Suction	
RSE1318-1A	5/16	3/4	1/4	3/4	Reciprocating
RSE1324-1A	5/16	3/4	1/4	3/4	Reciprocating
RSE1330-1A	5/16	3/4	1/4	3/4	Reciprocating
RSE1336-1A	5/16	7/8	5/16	7/8	Reciprocating
RSE1342-1A	5/16	7/8	5/16	7/8	Scroll
RSE1348-1A	3/8	7/8	3/8	1-1/8*	Scroll
RSE1360-1A	3/8	7/8	3/8	1-1/8*	Scroll

UNIT DIMENSIONS

Model Number	Height "H" (inches)	Depth "D" (inches)	Width "W" (inches)
RSE1318/1324	24-1/4	23-5/8	23-5/8
RSE1330	24-1/4	27-5/8	27-5/8
RSE1336/1342/1348	27-15/16	31-5/8	31-5/8
RSE1360	35-15/16	31-5/8	31-5/8



Design, specifications, performance data and materials 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