Comfort-Aire®

13 SEER CONDENSERS FOR R-22

RSN13 DRY R-22 SERIES
1.5 to 5 Tons

Units come with nitrogen charge which must be exhausted prior to charging with R-22

Designed for use as replacement for existing R-22 system, can be slab- or rooftop-mounted

The RSN Series of split system condensers are the perfect replacement for outdoor condensing units of R-22 systems. Shipped with a nitrogen holding charge, they are designed to be charged with R-22 in the field.

- **Louvered metal jacket** of galvanized steel with a polyester urethane finish protects the coil while adding to the attractive appearance
- **Permanently lubricated PSC motor** is quiet and reliable, requires no maintenance, and is protected from the elements
- **Composite base pan** is stronger and lighter than steel, resists corrosion and absorbs sound
- **Heavy duty scroll compressors** are designed for long life and efficiency
- **Heavy duty grille assembly** makes it easy to access components from top for service without disconnecting fan motor, designed for maximum air flow and quiet operation
- **Compressor and control access** is located on the side of the unit for convenient installation and service
- **Service ports** are conveniently located to simplify service

MODEL NOMENCLATURE

R	S	N	13	24	S	1	E
Residential Condenser	Split System	Nitrogen charged	Minimum SEER	Capacity BTUH x 1000	S = Scroll Compressor	Power 1 = 208/230-1-60	Series/ Revision

HEAT CONTROLLER

1900 Wellworth Ave., Jackson MI 49203 • Ph. 517-787-2100 • www.heatcontroller.com

A MTS Company

ELECTRICAL AND PHYSICAL DATA

MODEL	RSN1318S1E	RSN1324S1E	RSN1330S1E	RSN1336S1E	RSN1342S1E	RSN1348S1E	RSN1360S1E
Nom. Cooling Capacity (BTUH)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Power Supply	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Total Amps	8.7	11.5	14.1	16.8	16.2	21.3	26.7
Delay Fuse Max.†	15	20	30	35	30	45	50
Min. Circ. Ampacity	10.8	14.1	17.5	20.6	19.9	26.3	33.1
Coil Area Sq. Ft.	8.2	9.9	9.9	9.9	17.7	17.7	25.4
Coil Rows-FPI	1-22	1-18	1-18	1-18	1-22	1-22	1-22
Coil Tube Dia. OD	3/8"	Micro-Channel	Micro-Channel	Micro-Channel	3/8"	3/8"	3/8"
Fan Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
Fan Motor Amps	0.3	0.7	0.7	1.2	1.4	1.4	1.4
Fan HP	1/20	1/10	1/10	1/4	1/4	1/4	1/4
Fan SCFM	1410	1985	3000	3000	4000	4000	4000
Compressor RLA	8.3	10.8	13.4	15.4	14.7	19.8	25.3
Compressor LRA	40.3	56	68	87	77	104	146
Ref. Liquid Line OD	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Ref. Suction Line 0 to 24'	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
Ref. Suction Line 25' to 39'	3/4"	3/4"	7/8"*	7/8"*	7/8"	7/8"	1-1/8**
Ref. Suction Line 40' to 75'	3/4"	3/4"	7/8"*	7/8"*	1-1/8**	1-1/8**	1-1/8**
Connection Sizes Liquid/Suction	3/8"/3/4"	3/8"/3/4"	3/8"/3/4"	3/8"/3/4"	3/8"/7/8"	3/8"/7/8"	3/8"/7/8"

NOTE: See IOM for charging amounts.
† HACR type circuit breaker may be used.

* Requires 7/8" to 3/4" reducer from line to unit.
**Requires 1-1/8" to 7/8" reducer from line to unit.

UNIT DIMENSIONS (in.)

DIMENSION	RSN1318S1E	RSN1324S1E	RSN1330S1E	RSN1336S1E	RSN1342S1E	RSN1348S1E	RSN1360S1E
HEIGHT	23	23	27	27	31	31	43
WIDTH	22 ¾	22 ¾	22 ¾	22 ¾	30 ¾	30 ¾	30 ¾
DEPTH	22 ¾	22 ¾	22 ¾	22 ¾	30 ¾	30 ¾	30 ¾
WEIGHT (lbs) NET/SHIPPING	103/107	112/117	10/109	105/109	176/183	176/183	229/238

ACCESSORIES

PART NO.	DESCRIPTION
912933	Start Assist Kit—for extra starting torque when operating in low line voltage or high operating temperatures
920900	Extreme Wind Condition Mounting Kit

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

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