



## STANDARD FEATURES:

- Eco-friendly R-454B refrigerant with low GWP
- Energy-efficient compressor
- Equipped with thermal overload protection
- High quality condenser with inner-groove copper tube and aluminum fin
- Service valves with sweat connections and easy-access gauge ports
- Factory-installed high pressure switch and low pressure switch
- AHRI certified and ETL listed
- Filter drier included as accessory

## CABINET FEATURES:

- Compact design allows for ease of installation, clearance, durability, and maneuverability
- Powder-coated galvanized steel cabinet
- Protective steel louvered coil guard
- Steel wire axial fan guard
- ECM fan motor and unique blade style allowing for smooth discharge air and quieter operation

## SPLIT SYSTEM AIR CONDITIONER

*Up to 15.2 SEER2*

*Cooling capacity: 18 - 60 kBtu/h*



For the latest AHRI system matches,  
please visit [www.marsdeliversratings.com](http://www.marsdeliversratings.com)  
or [AHRIdirectory.org](http://AHRIdirectory.org)



### Limited Warranty

5 years on parts and 10 years on compressor and heat exchanger. Unit cost replacement if heat exchanger, condenser coil, evaporator coil (excludes cased coils), or compressor fails in the first year.  
With registration, 10 years on all parts and 20 years on heat exchanger.

(Limitations apply, see actual warranty for complete details.)

[www.comfort-aire.com](http://www.comfort-aire.com)

## MODEL NUMBER GUIDE

S	AC	14	18	S	1	A
SE Series	Air Conditioning	SEER 2	Capacity BTUH x 1000	Standard Efficiency	Power 1 = 208/230-1-60	Revision Level

## SPECIFICATIONS

	SAC1418S1A	SAC1424S1A	SAC1430S1A	SAC1436S1A
<b>NOMINAL CAPACITY</b>				
Cooling (BTU/h)	17,800	23,800	28,000	33,600
<b>ELECTRICAL DATA</b>				
Voltage / Phase (60 Hz)	208/230 / 1	208/230 / 1	208/230 / 1	208/230 / 1
Min. / Max. Voltage	187/253	187/253	187/253	187/253
MCA	11.4	15.3	16.4	21.9
MOP	19.9	26.5	28.4	38.3
<b>COMPRESSOR</b>				
Type	Rotary	Rotary	Rotary	Scroll
Stage	Single	Single	Single	Single
RLA	8.4	11.2	12.1	16.3
LRA	40	55	55	86
Crankcase Heater	No	No	No	No
<b>CONDENSER COIL</b>				
Type	Tube and Fin	Tube and Fin	Tube and Fin	Tube and Fin
<b>FAN MOTOR</b>				
Motor Type	ECM	ECM	ECM	ECM
Capacitor (uF)	/	/	/	/
Horsepower (HP)	1/6	1/6	1/6	1/3
Full Load Amps (FLA)	0.9	1.3	1.2	1.5
<b>REFRIGERATION SYSTEM</b>				
Liquid Valve Size (O.D.)	3/8	3/8	3/8	3/8
Suction Valve Size (O.D.)	3/4	3/4	3/4	3/4
Liquid Line Size (O.D.)	3/8	3/8	3/8	3/8
Suction Line Size (O.D.)	3/4	3/4	3/4	3/4
Refrigerant Charge (lbs. - oz.)	4 lbs.-6 OZ	4 lbs.-14 OZ	6 lbs.- 6 OZ	5 lbs.-1 OZ
<b>OPERATION RANGE</b>				
Cooling (°F)	55-120	55-120	55-120	55-120
Cooling (°C)	12.7-48.9	12.7-48.9	12.7-48.9	12.7-48.9
Sound Power (dB)	73	75	75	77

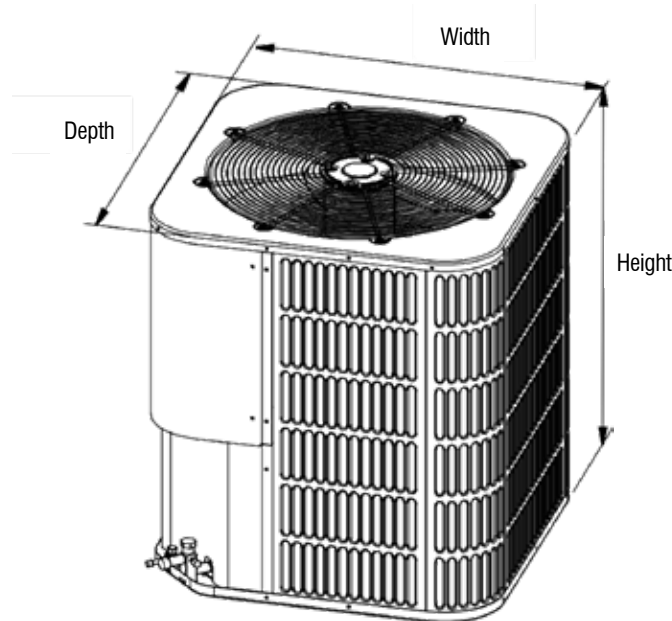
### NOTE:

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## SPECIFICATIONS

	SAC1442S1A	SAC1448S1A	SAC1460S1A
<b>NOMINAL CAPACITY</b>			
Cooling (BTU/h)	41,000	45,000	54,000
<b>ELECTRICAL DATA</b>			
Voltage / Phase (60 Hz)	208/230 / 1	208/230 / 1	208/230 / 1
Min. / Max. Voltage	187/253	187/253	187/253
MCA	24.5	28.3	36.8
MOP	42.6	49.3	64.5
<b>COMPRESSOR</b>			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
RLA	18.2	21.0	27.8
LRA	96	95	125
Crankcase Heater	No	No	No
<b>CONDENSER COIL</b>			
Type	Tube and Fin	Tube and Fin	Tube and Fin
<b>FAN MOTOR</b>			
Motor Type	ECM	ECM	ECM
Capacitor (uF)	/	/	/
Horsepower (HP)	1/3	1/3	1/3
Full Load Amps (FLA)	1.7	2.0	2.0
<b>REFRIGERATION SYSTEM</b>			
Liquid Valve Size (O.D.)	3/8	3/8	3/8
Suction Valve Size (O.D.)	7/8	7/8	7/8
Liquid Line Size (O.D.)	3/8	3/8	3/8
Suction Line Size (O.D.)	7/8	7/8	1-1/8
Refrigerant Charge (lbs. - oz.)	5 lbs.-12 OZ	6 lbs.-4 OZ	6 lbs.-0 OZ
<b>OPERATION RANGE</b>			
Cooling (°F)	55-120	55-120	55-120
Cooling (°C)	12.7-48.9	12.7-48.9	12.7-48.9
Sound Power (dB)	78	78	80



	SAC1418S1A	SAC1424S1A	SAC1430S1A	SAC1436S1A	SAC1442S1A	SAC1448S1A	SAC1460S1A
DIMENSIONS AND WEIGHTS							
Height (in.)	24-15/16	24-15/16	33-3/16	24-15/16	33-3/16	33-3/16	33-3/16
Width (in.)	23-5/8	28	28	29-1/8	29-1/8	28	29-1/8
Depth (in.)	23-5/8	28	28	29-1/8	29-1/8	28	29-1/8
Weight (lbs.)	117	132	161	154	174	187	212

*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.*

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."