Century®

SE Series

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 manueuverability
- 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

For the latest AHRI system matches, please visit AHRIdirectory.org

SAC14 SERIES

SPLIT SYSTEM AIR CONDITIONER

Up to 15.2 SEER2

Cooling Capacity: 18 - 60 kBtu/h



AHRI CERTIFIED

ETL LISTED c US Intertek

Warranty–5 years on parts, 10 years on compressor
Ext. Warranty–10 years on parts, 10 years on compressor
(Some limitations apply; see printed warranty for details.)
www.century-hvac.com

R454B

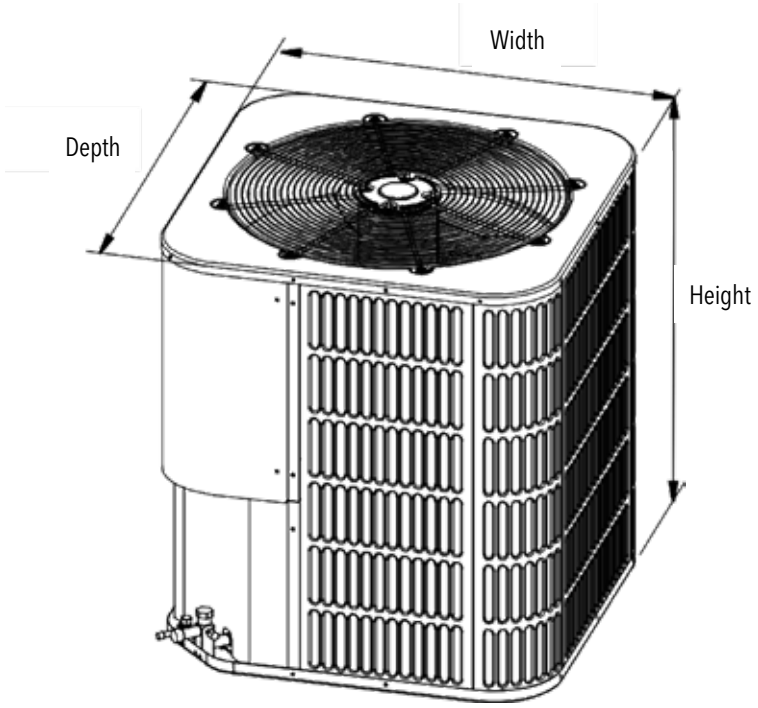
MODEL NUMBER GUIDE

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
NOMINAL CAPACITY				
Cooling (BTU/h)	17,800	23,800	28,000	33,600
ELECTRICAL DATA				
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
COMPRESSOR				
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
CONDENSER COIL				
Type	Tube and Fin	Tube and Fin	Tube and Fin	Tube and Fin
FAN MOTOR				
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
REFRIGERATION SYSTEM				
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. - 6oz	4 lbs. - 14oz	6 lbs. - 6oz	5 lbs. - 1oz
OPERATION RANGE				
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

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SPECIFICATIONS	SAC1442S1A	SAC1448S1A	SAC1460S1A
NOMINAL CAPACITY			
Cooling (BTU/h)	41,000	45,000	54,000
ELECTRICAL DATA			
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
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
RLA	18.2	21.0	27.8
LRA	96	95	125
Crankcase Heater	No	No	No
CONDENSER COIL			
Type	Tube and Fin	Tube and Fin	Tube and Fin
FAN MOTOR			
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
REFRIGERATION SYSTEM			
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. - 12oz	6 lbs. - 4oz	6 lbs. - 0oz
OPERATION RANGE			
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

"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."

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.

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www.heatcontroller.com • www.century-hvac.com

HEAT CONTROLLER
Confidence in any climate
Century