



Air Conditioning & Heating



2 TO 5 TON

## PRODUCT SPECIFICATIONS

# SSX16 SERIES

## 16 SEER

### HIGH-EFFICIENCY R-410A

### SPLIT SYSTEM

### AIR CONDITIONER

COOLING CAPACITY:

24,000 BTU/H TO 57,000 BTU/H



The Goodman® SSX16 16 SEER Air Conditioner uses the environmentally friendly refrigerant R-410A and features energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. R-410A is chlorine-free to help prevent damage to the ozone layer.

#### Standard Features

- R-410A environmentally friendly refrigerant
- High-efficiency Copeland® scroll compressor  
Single-Stage – 2 through 4 tons  
Two-Stage – 5 tons
- High-quality compressor sound blanket
- High-pressure switch; low-pressure switch
- Factory-installed filter dryer
- 850 RPM condenser fan motor
- Copper tube/enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- Contactor with lug connection
- Ground lug connection
- ARI Certified; ETL Certified

#### Cabinet Features

- Unique Goodman® sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side compressor and tubing access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets 2001 Florida Building Code unit integrity requirements for hurricane-type winds

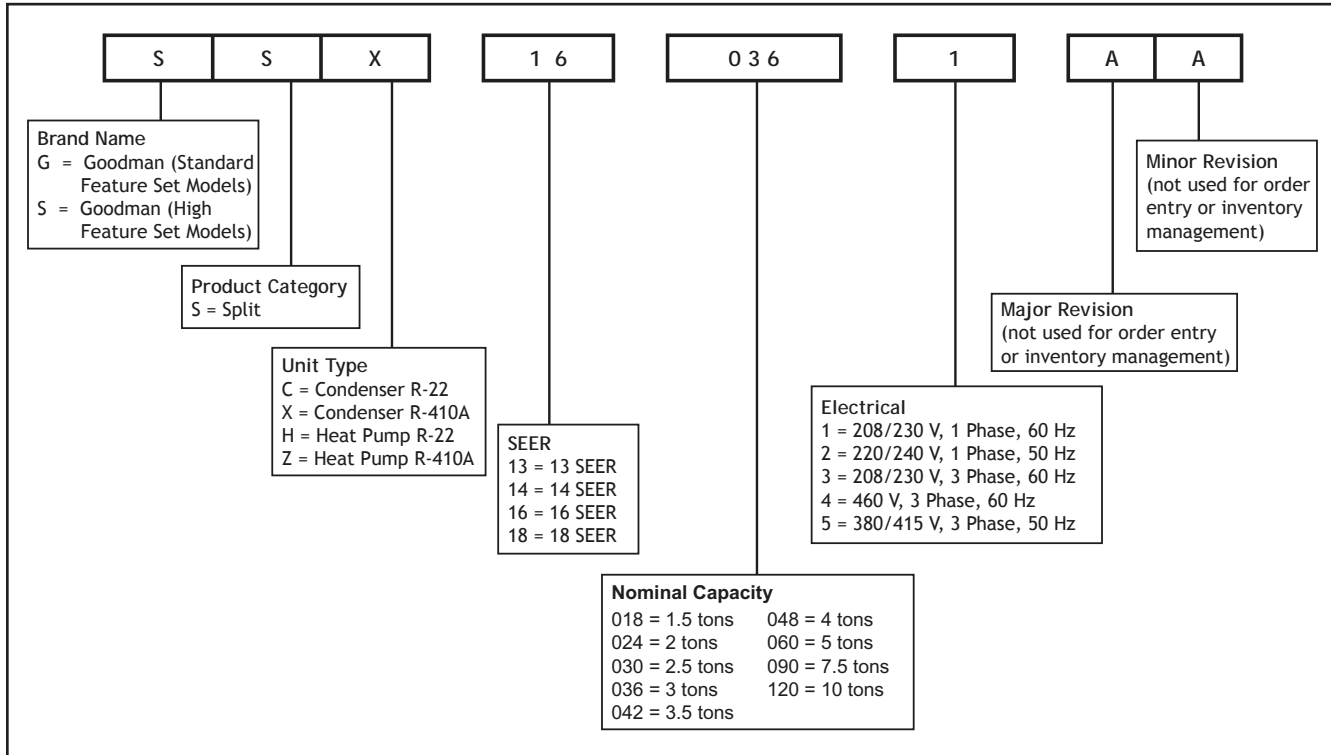
#### Accessories

- See Page 7.



# PRODUCT SPECIFICATIONS

## NOMENCLATURE



## SPECIFICATIONS

	SSX16 0241A	SSX16 0361A	SSX16 0481A	SSX16 0601A
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Decibels	TBD	TBD	TBD	TBD
<b>Compressor</b>				
RLA	13.4	14.1	19.8	25.6
LRA	58.3	77	109	118
Stages	1	1	1	2
<b>Condenser Fan Motor</b>				
Horsepower (RPM)	1/12	1/6	1/6	1/6
FLA	0.60	1.10	1.10	1.00
<b>Refrigeration System</b>				
Liquid Valve Size ("O.D.") <sup>1</sup>	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.") <sup>1</sup>	3/4"	3/4"	7/8"	7/8"
Valve Connection Type	Sweat			
Refrigerant Charge	165	180	270	225
<b>Electrical Data</b>				
Voltage-Hz / Phase	208/230-60-1			
Minimum Circuit Ampacity <sup>2</sup>	17.4	18.7	25.9	33.0
Maximum Overcurrent Protection Device <sup>3</sup>	30	30	40	50
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"			
Ship Weight (lbs)	282	282	282	296

<sup>1</sup> Up to 35' in equivalent line length

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted

# PRODUCT SPECIFICATIONS

## PERFORMANCE RATINGS

Outdoor Unit	Indoor Unit	Cooling Capacity				ARI Ref #
		Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
SSX16 0241A*	AEPF30361A*+TXV	24,000	18,240	16	12.5	1047150
	CA*F048*4*+MBE1600**-1+TXV	24,000	18,240	16	12.5	1047139
	CA*F048*4*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047145
	CA*F048*4*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047141
	CA*F060*4*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047147
	CA*F060*4*+TXV+G*V81155C**	24,000	18,240	16	12.5	1047149
	CA*F060*4*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047143
	CA*F3636*6A*+MBE1600**-1+TXV	24,000	18,240	16	12.5	1047138
	CA*F3636*6A*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047144
	CA*F3636*6A*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047140
	CA*F3642*6A*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047146
	CA*F3642*6A*+TXV+G*V81155C**	24,000	18,240	16	12.5	1047148
	CA*F3642*6A*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047142
	CHPF048*4*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047154
	CHPF048*4*+TXV+G*V81155C**	24,000	18,240	16	12.5	1047156
	CHPF048*4*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047152
	CHPF3636B6A*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047164
	CHPF3636B6A*+TXV+G*V81155C**	24,000	18,240	16	12.5	1047165
	CHPF3636B6A*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047163
	CHPF3642*6A*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047153
	CHPF3642*6A*+TXV+G*V81155C**	24,000	18,240	16	12.5	1047155
	CHPF3642*6A*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047151
	CSCF3642N6A*+TXV+G*V80905C**	24,000	18,240	16	12.5	1047159
	CSCF3642N6A*+TXV+G*V81155C**	24,000	18,240	16	12.5	1047161
	CSCF3642N6A*+TXV+G*V950704C**	24,000	18,240	16	12.5	1047157
	H60F+TXV+G*V80905C**	24,000	18,240	16	12.5	1047160
	H60F+TXV+G*V81155C**	24,000	18,240	16	12.5	1047162
	H60F+TXV+G*V950704C**	24,000	18,240	16	12.5	1047158
SSX16 0361A*	AEPF426016A*+TXV	34,600	27,334	16	12.5	1047179
	CA*F4860*6A*+MBE1600**-1+TXV	34,000	26,860	16	12.5	1047167
	CA*F4860*6A*+MBE2000**-1+TXV	35,000	27,650	16	12.5	1047180
	CA*F4860*6A*+TXV+G*V950905D**	35,000	27,650	16	12.5	1047166
	CA*F4860*6A*+TXV+G*V951155D**	35,000	27,650	16	12.5	1047168
	CHPF060D4*+TXV+G*V951155D**	35,000	27,650	16	12.5	1047170
	CHPF4860*6A*+MBE2000**-1+TXV	35,000	27,650	16	12.5	1047178
	CHPF4860D6A*+TXV+G*V951155D**	35,000	27,650	16	12.5	1047169
	CSCF4860N6A*+TXV+G*V950905D**	35,000	27,650	16	12.5	1047171
	CSCF4860N6A*+TXV+G*V951155D**	35,000	27,650	16	12.5	1047173
	H61F+TXV+G*V950905D**	35,000	27,650	16	12.5	1047172
	H61F+TXV+G*V951155D**	35,000	27,650	16	12.5	1047174
	H61F+TXV+G*V951155D**	35,000	27,650	16	12.5	1047174

<sup>1</sup> Seasonal Energy Efficiency Ratio

<sup>2</sup> Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

See Notes on following page.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Unit	Cooling Capacity				ARI Ref #
		Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
SSX16 0481A*	AEPF426016A*+TXV	46,000	34,500	16	12.5	1047181
	CA*F4860*6A*+MBE2000**-1+TXV	47,000	35,250	16	12.5	1047193
	CA*F4860*6A*+TXV+G*V950905D**	46,000	34,500	16	12.5	1047183
	CA*F4860*6A*+TXV+G*V951155D**	46,000	34,500	16	12.5	1047182
	CHPF060D4*+TXV+G*V950905D**	46,000	34,500	16	12.5	1047186
	CHPF060D4*+TXV+G*V951155D**	46,000	34,500	16	12.5	1047188
	CHPF4860*6A*+MBE2000**-1+TXV	47,000	35,250	16	12.5	1047184
	CHPF4860*6A*+TXV+G*V950905D**	46,000	34,500	16	12.5	1047185
	CHPF4860*6A*+TXV+G*V951155D**	46,000	34,500	16	12.5	1047187
	CSCF4860N6A*+TXV+G*V950905D**	46,000	34,500	16	12.5	1047189
	CSCF4860N6A*+TXV+G*V951155D**	46,000	34,500	16	12.5	1047191
	H61F+TXV+G*V950905D**	46,000	34,500	16	12.5	1047190
	H61F+TXV+G*V951155D**	46,000	34,500	16	12.5	1047192
SSX16 0601A*	AEPF426016A*+TXV	57,000	42,750	15.5	12	1047211
	CA*F4860*6A*+MBE2000**-1+TXV	57,000	42,750	16	12	1047196
	CA*F4860*6A*+TXV+G*V950905D**	57,000	42,750	15.5	11.5	1076525
	CA*F4860*6A*+TXV+G*V951155D**	57,000	42,750	15.5	11.5	1047198
	CHPF060D4*+TXV+G*V950905D**	57,000	42,750	15.5	11.5	1047201
	CHPF060D4*+TXV+G*V951155D**	57,000	42,750	15.5	11.5	1047203
	CHPF4860*6A*+MBE2000**-1+TXV	57,000	42,750	15.5	11.5	1047199
	CHPF4860*6A*+TXV+G*V950905D**	57,000	42,750	15.5	11.5	1047200
	CHPF4860*6A*+TXV+G*V951155D**	57,000	42,750	15.5	11.5	1047202
	CSCF4860N6A*+TXV+G*V950905D**	57,000	42,750	15.5	11.5	1047204
	CSCF4860N6A*+TXV+G*V951155D**	57,000	42,750	15.5	11.5	1047206
	H61F+TXV+G*V950905D**	57,000	42,750	15.5	11.5	1047205
	H61F+TXV+G*V951155D**	57,000	42,750	15.5	11.5	1047207

<sup>1</sup> Seasonal Energy Efficiency Ratio

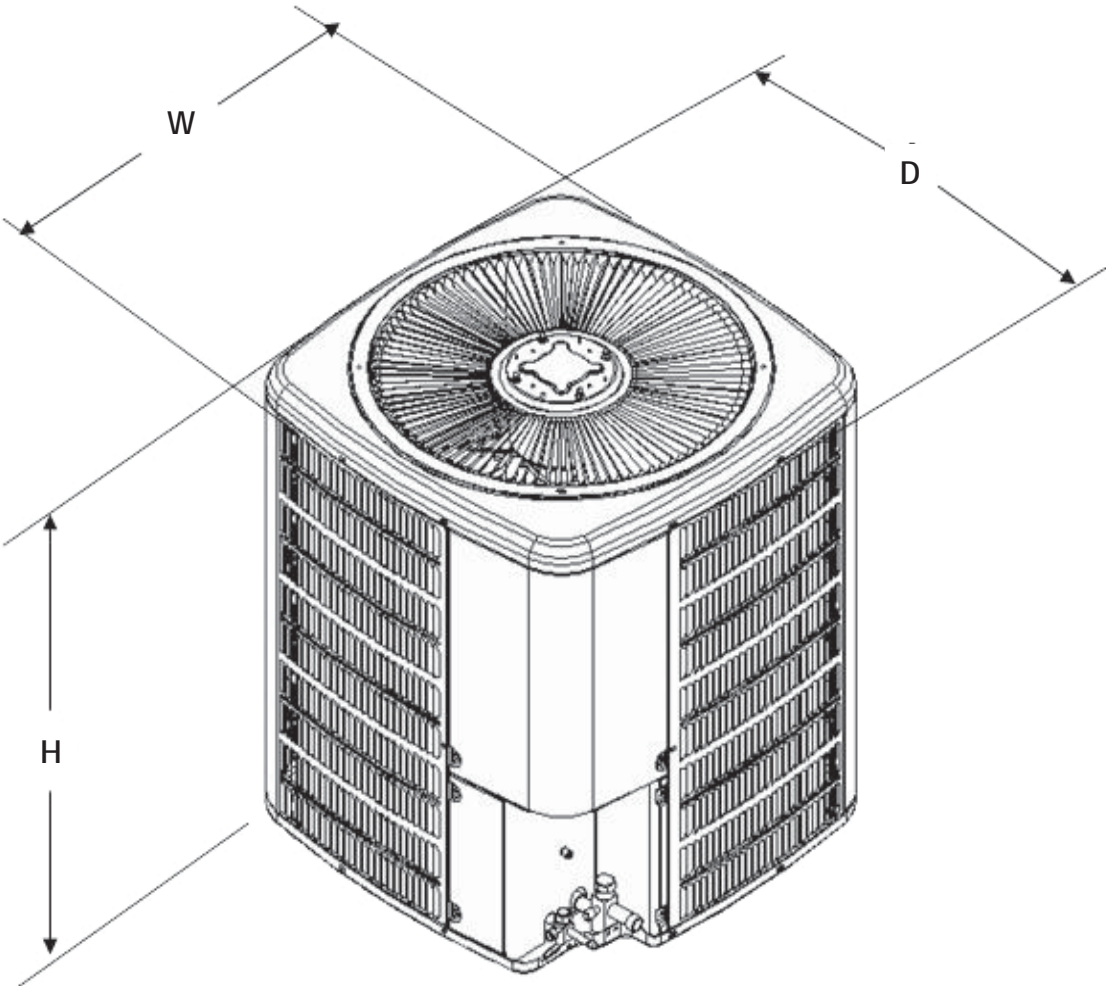
<sup>2</sup> Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

Notes:

- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or what is specified on the piston kit chart supplied with the indoor unit.
- XX of a model designates Electric Heat Quantity.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay.

# PRODUCT SPECIFICATIONS

## DIMENSIONS



Model	Dimensions
SSX160241AA	29x29x38¼
SSX160361AA	29x29x38¼
SSX160481AA	35½x35½x38¼
SSX160601AA	35½x35½x38¼

## ACCESSORIES

Model	Description	SSX16 024	SSX16 030	SSX16 036	SSX16 042	SSX16 048	SSX16 060
ASC01	Anti-Short Cycle Kit	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X			
CSR-U-2	Hard-start Kit			X	X	X	X
CSR-U-3	Hard-start Kit					X	X
FSK01A <sup>1</sup>	Freeze Protection Kit	X	X	X	X	X	X
OT18-60A	Outdoor Thermostat / Lockout Stat	X	X	X	X	X	X
TX2N4 <sup>2</sup>	TXV Kit	X					
TX3N4 <sup>2</sup>	TXV Kit		X	X			
TX5N4 <sup>2</sup>	TXV Kit				X	X	X

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Field-installed, non-bleed, expansion valve kit – Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.



**Air Conditioning & Heating**

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