



Air Conditioning & Heating

COOLING CAPACITY: 24,000 TO 57,000 BTU/H

HEATING CAPACITY: 24,000 TO 57,000 BTU/H

SSZ16

HIGH-EFFICIENCY SPLIT SYSTEM HEAT PUMP

UP TO 16 SEER



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Standard Features

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
- High-density foam compressor sound blanket
- SmartShift® technology to ensure quiet, reliable defrost
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Compressor short-cycle protection
- 850 RPM condenser fan motor
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections with easy access to gauge ports
- Copper tube / enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Goodman® brand 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
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home) and the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

NOMENCLATURE

	S	S	Z	16	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand	Amana® Distinctions™ (High Feature Set Model)						Engineering * Minor Revision		
Product Category	Split System						Engineering * Major Revision		
Unit Type	X Condenser R-410A Z Heat Pump R-410A						Electrical		
							1	208/230 V, 1 Phase, 60 Hz	
							2	220/240 V, 1 Phase, 50 Hz	
							3	208/230 V, 3 Phase, 60 Hz	
							4	460 V, 3 Phase, 60 Hz	
Efficiency	13 13 SEER 14 14 SEER 16 16 SEER						Nominal Capacity		
							018	1½ Tons	042 3½ Tons
							024	2 Tons	048 4 Tons
							030	2½ Tons	060 5 Tons
							036	3 Tons	

* Neither used for order entry or inventory management.



SPECIFICATIONS

	SSZ16 0241A	SSZ16 0361A	SSZ16 0481A	SSZ16 0601B
CAPACITIES AND RATINGS				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Nominal Heating (BTU/h)	24,000	36,000	48,000	60,000
Decibels	70	71	72	72
COMPRESSOR				
RLA	13.5	14.1	19.9	28.8
LRA	58.3	77.0	109.0	152.9
CONDENSER FAN MOTOR				
Horsepower	1/6	1/6	1/6	1/6
FLA	1.1	1.0	1.0	1.0
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	153	186	278	273
ELECTRICAL DATA				
Volts-Hz	208/230-60	208/230-60	208/230-60	208/230-60
Minimum Circuit Ampacity ²	17.9	18.6	25.9	37
Max. Overcurrent Protection ³	30	30	40	60
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	190	233	305	309
SHIP WEIGHT (LBS)	208	255	327	331

¹ Tested and rated in accordance with AHRI Standard 210/240

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

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

EXPANDED HEATING DATA

SSZ160241A* / CA*F3636*6A* + TXV / MBVC1600A*-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	18.7	17.3	15.9	15.0	14.4	13.0	11.5	10.0	8.6	7.0
ΔT	31.9	30.2	28.4	26.6	25.4	24.6	22.9	21.1	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.0	7.4
kW	1.79	1.75	1.72	1.68	1.7	1.65	1.62	1.58	1.68	1.64	1.60	1.58	1.56	1.52	1.48	1.45	1.41	1.37
Amps	8.4	7.8	7.3	6.9	6.7	6.6	6.2	5.9	5.7	5.4	5.2	5.1	5.0	4.7	4.4	4.2	3.9	3.5
COP	4.93	4.76	4.57	4.37	4.22	4.13	3.91	3.69	3.26	3.08	2.91	2.79	2.71	2.49	2.27	2.03	1.78	1.50
EER	16.9	16.3	15.6	14.9	14.4	14.1	13.4	12.6	11.2	10.5	9.9	9.5	9.3	8.5	7.7	6.9	6.1	5.1

SSZ160361A* / CA*F4860*6A*+TXV/ MBVC2000A*-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	31.0	28.6	26.2	24.2	22.2	21.0	20.2	18.1	16.1	14.0	12.0	9.8
ΔT	33.4	31.6	29.7	27.8	26.5	25.7	23.9	22.0	20.2	18.6	17.2	16.2	15.6	14.0	12.4	10.8	9.2	7.6
kW	2.70	2.65	2.59	2.54	2.5	2.48	2.43	2.37	2.46	2.40	2.34	2.31	2.28	2.22	2.16	2.11	2.05	1.99
Amps	13.1	12.1	11.3	10.6	10.3	10.1	9.5	9.0	8.6	8.2	7.9	7.7	7.6	7.2	6.7	6.3	5.8	5.3
COP	4.68	4.52	4.35	4.15	4.02	3.93	3.73	3.52	3.12	2.95	2.78	2.67	2.59	2.39	2.17	1.95	1.71	1.44
EER	16.0	15.5	14.9	14.2	13.7	13.4	12.7	12.0	10.6	10.1	9.5	9.1	8.9	8.2	7.4	6.7	5.8	4.9

SSZ160481A* / CA*F4860*6A* + TXV / MBVC2000A*-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	59.1	55.9	52.6	49.2	47.0	45.5	42.3	39.0	35.4	32.6	30.1	28.4	27.3	24.5	21.7	19.0	16.2	13.3
ΔT	35.3	33.4	31.4	29.4	28.1	27.2	25.3	23.3	21.1	19.5	18.0	17.0	16.3	14.7	13.0	11.3	9.7	7.9
kW	3.69	3.62	3.54	3.47	3.4	3.40	3.32	3.25	3.14	3.06	2.99	2.95	2.92	2.85	2.78	2.71	2.63	2.56
Amps	17.6	16.3	15.2	14.3	13.8	13.5	12.7	12.1	11.5	11.0	10.5	10.2	10.1	9.6	8.9	8.4	7.7	6.9
COP	4.68	4.52	4.35	4.15	4.01	3.93	3.72	3.51	3.30	3.12	2.94	2.82	2.74	2.52	2.29	2.05	1.80	1.51
EER	16.0	15.5	14.9	14.2	13.7	13.4	12.7	12.0	11.3	10.7	10.0	9.6	9.4	8.6	7.8	7.0	6.1	5.2

SSZ160601B* / CAPF4961*6A* / MBVC2000A*-1*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.0	67.2	63.3	59.2	56.5	54.7	50.9	46.9	44.6	41.2	37.9	35.8	34.5	30.9	27.4	23.9	20.4	16.7
ΔT	37.6	35.6	33.5	31.3	29.9	29.0	26.9	24.8	23.6	21.8	20.1	18.9	18.2	16.4	14.5	12.7	10.8	8.8
kW	4.67	4.58	4.49	4.40	4.3	4.30	4.22	4.12	4.62	4.51	4.41	4.34	4.30	4.19	4.08	3.98	3.87	3.76
Amps	22.9	21.2	19.9	18.7	18.0	17.7	16.6	15.8	15.1	14.4	13.7	13.4	13.2	12.6	11.7	11.0	10.2	9.2
COP	4.45	4.30	4.13	3.94	3.81	3.72	3.53	3.33	2.82	2.67	2.52	2.41	2.35	2.16	1.97	1.76	1.54	1.30
EER	15.2	14.7	14.1	13.5	13.0	12.7	12.1	11.4	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.4

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is ARI Rating Conditions at 47°F outdoor ambient temperature

kW = Total system power

AHRI RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS ³			HEATING CAPACITY (BTU/H)			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	HI	HSPF ⁴	LOW			
SSZ16 0241A*	ASPT24B14A*		22,800	17,600	14.50	12.00	16,300	13,500	22,400	8.20	14,800	810	5722686	
	ASPT30C14A*		23,000	17,800	15.00	12.50	16,400	13,600	22,600	8.50	14,000	845	5722687	
	ASPT36C14A*		23,000	17,800	15.00	12.50	16,400	13,600	22,000	8.50	13,600	860	5722767	
	ASUF29B14A*+TXV		22,800	17,600	14.50	12.00	16,300	13,500	22,400	8.20	14,800	810	5722685	
	AVPTC30C14A*		23,000	17,800	15.00	12.50	16,400	13,600	22,600	8.50	14,000	740	5924415	
	AVPTC36C14A*		23,000	17,800	15.00	12.50	16,400	13,600	22,000	8.50	13,600	800	5924416	
	CA*F3636*6D*+EEP+TXV		23,400	18,100	14.00	12.00	16,700	13,900	23,000	9.50	15,000	850	4392858	
	CA*F3636*6D*+MBVC1200**1A*+TXV		24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.25	15,000	820	4392859	
	CA*F3636*6D*+MBVC1600**1A*+TXV		24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.50	15,000	880	4392860	
	CA*F3636*6D*+TXV	A*VC950704CXB*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.50	15,000	850	5937807	
	CA*F3636*6D*+TXV	A*VC950714CXB*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.20	15,000	850	5937808	
	CA*F3636*6D*+TXV	A*VM960603BXB*	23,400	18,100	16.00	13.00	16,700	13,900	23,000	9.50	15,000	825	5937809	
	CA*F3636*6D*+TXV	A*VM960604CXB*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.20	15,000	850	5937810	
	CA*F3636*6D*+TXV	G*VC950453BXB*	23,400	18,100	16.00	13.00	16,700	13,900	24,000	9.50	15,000	825	5937811	
	CA*F3636*6D*+TXV	G*VC950704CXB*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.50	15,000	850	5937812	
	CA*F3636*6D*+TXV	G*VM960603BXB*	23,400	18,100	16.00	13.00	16,700	13,900	24,000	9.50	15,000	825	5937813	
	CA*F3642*6D*+TXV	G*E80603B*B*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.00	15,000	860	5038720	
	CA*F3642*6D*+TXV	A*EH800603B*A*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.00	15,000	860	6844660	
	CA*F3743*6D*+MBVC1600**1A*+TXV	G*VC950704CXB*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	8.90	15,000	880	4415245	
	CA*F3743*6D*+TXV	G*VC950704CXB*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	8.80	15,000	850	5937814	
CHPF3636B6C*+EEP+TXV		23,400	18,100	14.00	12.00	16,700	13,900	23,000	9.50	15,000	850	3300408		
CHPF3636B6C*+TXV	A*VM960603BXB*	23,400	18,100	16.00	13.00	16,700	13,900	23,000	9.50	15,000	825	5937815		
CHPF3636B6C*+TXV	G*VC950453BXB*	23,400	18,100	16.00	13.00	16,700	13,900	23,000	9.50	15,000	825	5937816		
CHPF3636B6C*+TXV	G*VM960603BXB*	23,400	18,100	16.00	13.00	16,700	13,900	23,000	9.50	15,000	825	5937817		
CHPF3642C6C*+MBVC1600**1A*+TXV		24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.50	15,000	880	3610016		
CHPF3642C6C*+TXV	G*E80603B*B*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.00	15,000	860	5038649		
CHPF3642C6C*+TXV	G*VC950704CXB*	23,400	18,100	16.00	12.50	16,700	13,900	23,000	9.25	15,000	850	5937818		
CHPF3642C6C*+TXV	A*EH800603B*A*	24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.00	15,000	860	6844593		
CHPF3743C6B*+MBVC1600**1A*+TXV		24,000	18,600	16.00	13.00	17,200	14,200	23,000	9.50	15,000	880	3610025		

¹ Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240
² Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F
³ TVA Rating: BTU/h @ 75°F/ 63°F - 95°F
⁴ HSPF = Heating Seasonal Performance Factor

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- 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

AHRI RATINGS(CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS ³		HEATING CAPACITY (BTU/H)			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	HI	HSPF ⁴	LOW		
SSZ16 0361A*	ASPT36C14A*		33,000	25,200	15.00	12.50	23,400	19,000	33,000	8.20	20,400	1,100	6514948
	ASPT42D14A*		33,000	25,200	15.00	12.50	23,400	19,000	33,000	8.50	20,400	1,145	5722688
	ASUF39C14A*+TXV		33,000	25,200	15.00	12.50	23,400	19,000	33,000	8.20	20,400	1,100	6514949
	AVPTC42D14A*		33,000	25,200	15.00	12.50	23,400	19,000	33,000	8.50	20,400	1,225	5924417
	AVPTC48D14A*		34,400	26,200	16.00	13.00	24,400	19,800	34,000	8.75	21,000	1,075	6678813
	AWUF37XX16B*+TXV		32,000	24,400	14.00	11.50	22,600	18,400	32,000	8.50	18,000	1,150	5010025
	CA*F3743*6D*+TXV	G*VC80604B*B*	34,000	26,000	15.00	12.50	24,200	19,500	34,000	9.00	21,000	1,220	5038655
	CA*F3743*6D*+TXV	G*VC80805C*B*	34,600	26,400	15.50	12.50	24,600	19,900	34,000	9.00	21,000	1,250	5038665
	CA*F3743*6D*+TXV	G*E80805C*B*	34,600	26,400	15.50	12.50	24,600	19,900	34,000	9.00	21,000	1,290	5038721
	CA*F3743*6D*+TXV	A*VC80604B*B*	34,000	26,000	15.00	12.50	24,200	19,500	34,000	9.00	21,000	1,220	5038760
	CA*F3743*6D*+TXV	A*VC80603B*B*	34,000	26,000	15.00	12.00	24,200	19,500	34,000	9.00	21,000	1,090	5038761
	CA*F3743*6D*+TXV	ADV80805C*B*	34,600	26,400	15.50	12.50	24,600	19,900	34,000	9.00	21,000	1,250	5038764
	CA*F3743*6D*+TXV	A*VC80805C*B*	34,600	26,400	15.50	12.50	24,600	19,900	34,000	9.00	21,000	1,250	5038768
	CA*F3743*6D*+TXV	A*VC950905CXB*	33,000	25,200	15.50	12.50	23,400	19,000	32,000	9.00	21,000	1,120	5937819
	CA*F3743*6D*+TXV	A*VC950905DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937820
	CA*F3743*6D*+TXV	A*VC950915DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937821
	CA*F3743*6D*+TXV	G*VC950905DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937822
	CA*F3743*6D*+TXV	G*VC950915DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937823
	CA*F3743*6D*+TXV	G*VC951155DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937824
	CA*F3743*6D*+TXV	G*VM960805DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937825
	CA*F3743*6D*+TXV	G*VM961005DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937826
	CA*F3743*6D*+TXV	G*VM961155DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937827
	CA*F3743*6D*+TXV	A*EH800805C*A*	34,600	26,400	15.50	12.50	24,600	19,900	34,000	9.00	21,000	1,290	6844662
	CA*F4961*6D*+EEP+TXV		34,600	26,400	14.50	12.20	24,600	19,900	34,400	9.50	21,000	1,100	4431866
	CA*F4961*6D*+MBVC2000*-1A*+TXV		34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,150	4432016
	CA*F4961*6D*+TXV	A*VC950704CXB*	36,000	27,600	15.50	12.50	25,600	20,600	34,600	9.50	23,000	1,250	5937828
	CA*F4961*6D*+TXV	A*VC950714CXB*	36,000	27,600	15.50	12.50	25,600	20,600	34,600	9.50	23,000	1,250	5937829
	CA*F4961*6D*+TXV	A*VC950915DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937830
CA*F4961*6D*+TXV	A*VM960604CXB*	36,000	27,600	15.50	12.50	25,600	20,600	34,600	9.50	23,000	1,250	5937831	
CA*F4961*6D*+TXV	G*VC950704CXB*	36,000	27,600	15.50	12.50	25,600	20,600	34,600	9.50	23,000	1,250	5937832	
CA*F4961*6D*+TXV	G*VC950714CXB*	36,000	27,600	15.50	12.50	25,600	20,600	34,600	9.50	23,000	1,250	5937833	
CA*F4961*6D*+TXV	G*VC950905DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937834	
CA*F4961*6D*+TXV	G*VC950915DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937835	
CA*F4961*6D*+TXV	G*VM960604CXB*	36,000	27,600	15.50	12.50	25,600	20,600	34,600	9.50	23,000	1,250	5937836	
CA*F4961*6D*+TXV	G*VM960805DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937837	

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS ³		HEATING CAPACITY (BTU/H)			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	HI	HSPF ⁴	LOW		
SSZ16 0361A*	CAPT3743*4A	G*VC80604B*B*	33,400	25,600	15.00	12.50	23,600	19,200	33,200	9.00	21,000	1,000	5520814
	CAPT3743*4A*	A*VC80604B*B*	33,400	25,600	15.00	12.50	23,600	19,200	33,200	9.00	21,000	1,000	5520817
	CAPT3743*4A*	A*VC80603B*B*	33,400	25,600	15.00	12.00	23,600	19,200	33,200	9.00	21,000	1,000	5520818
	CAPT3743*4A*	ADV80805C*B*	33,400	25,600	15.50	12.50	23,600	19,200	33,000	9.00	21,000	990	5520820
	CAPT3743*4A*	A*VC80805C*B*	33,400	25,600	15.50	12.50	23,600	19,200	33,200	9.00	21,000	995	5520821
	CAPT3743*4A*	G*VC80805C*B*	33,400	25,600	15.50	12.50	23,600	19,200	33,200	9.00	21,000	995	5520822
	CAPT3743*4A*	G*E80805C*B*	33,400	25,600	15.50	12.50	23,600	19,200	33,200	9.00	21,000	995	5520823
	CAPT3743*4A*	A*VC950915DXB*	33,400	25,600	15.50	13.00	23,600	19,200	33,200	9.00	21,000	1,005	5937838
	CAPT3743*4A*	G*VC950905DXB*	33,400	25,600	15.50	13.00	23,600	19,200	33,200	9.00	21,000	1,005	5937839
	CAPT3743*4A*	G*VC950915DXB*	33,400	25,600	15.50	13.00	23,600	19,200	33,200	9.00	21,000	1,010	5937840
	CAPT3743*4A*	G*VC951155DXB*	33,400	25,600	16.00	13.00	23,600	19,200	33,600	9.00	21,000	1,020	5937841
	CAPT3743*4A*	G*VM960805DXB*	33,400	25,600	16.00	13.00	23,600	19,200	33,600	9.00	21,000	1,000	5937842
	CAPT3743*4A*	G*VM961005DXB*	33,400	25,600	16.00	13.00	23,600	19,200	33,600	9.00	21,000	1,020	5937843
	CAPT3743*4A*	G*VM961155DXB*	33,400	25,600	16.00	13.00	23,600	19,200	33,600	9.00	21,000	1,020	5937844
	CAPT3743*4A*	A*EH80805C*A*	33,400	25,600	15.50	12.50	23,600	19,200	33,200	9.00	21,000	995	6844668
	CAPT3743*4A*+EEP		32,400	24,800	14.00	11.50	23,000	18,600	32,000	8.00	20,000	1,000	5611442
	CAPT3743*4A*+MBVC1600**1A*		32,400	24,800	15.00	12.50	23,000	18,600	32,000	8.50	20,000	1,000	5611443
	CHPF3743D6B*+MBVC2000**1A*+TXV		34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.75	21,000	1,200	3610030
	CHPF4860D6D*+EEP+TXV		34,600	26,400	14.50	12.20	24,600	19,900	34,400	9.50	21,000	1,100	3300413
	CHPF4860D6D*+MBVC2000**1A*+TXV		34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,150	3610058
CHPF4860D6D*+TXV	G*VC950905DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937845	
CHPF4860D6D*+TXV	G*VC951155DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937846	
CHPF4860D6D*+TXV	G*VM960805DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937847	
CHPF4860D6D*+TXV	G*VM961005DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937848	
CHPF4860D6D*+TXV	G*VM961155DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,100	5937849	
CSCF4860N6D*+TXV	G*VC950704CXB*	35,000	26,800	15.50	12.50	24,800	20,000	34,600	9.50	21,000	1,225	5937850	
CSCF4860N6D*+TXV	G*VC950905DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,150	5937851	
CSCF4860N6D*+TXV	G*VC951155DXB*	34,600	26,400	16.00	13.00	24,600	19,900	34,400	9.50	21,000	1,225	5937852	

¹ Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240
³ TVA Rating: BTU/h @ 75°F/63°F - 95°F
² Energy Efficiency Ratio @ 80°F/67°F/95°F
⁴ HSPF = Heating Seasonal Performance Factor

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- 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

AHRI RATINGS(CONT.)

OUTDOOR UNIT	INDOOR UNITS		FURNACES	COOLING CAPACITY (BTU/H)			TVA RATINGS ³			HEATING CAPACITY (BTU/H)			CFM	AHRI #
	COILS/AIR HANDLERS			TOTAL	SEER ¹	EER ²	TOTAL	SENS.	SEER ¹	EER ²	HI	HSPF ⁴		
	ASPT48D14A*			45,000	15.00	12.50	32,200	26,400	44,000	8.50	28,800	1,600	5796522	
	ASPT60D14A*			45,000	15.00	12.50	32,200	26,400	44,000	8.50	28,800	1,600	5722689	
	ASUF59D14A*+TXV			45,000	14.50	12.00	32,200	26,400	44,000	8.50	28,800	1,600	5722768	
	AVPTC48D14A*			45,000	15.00	12.50	32,200	26,400	44,000	9.00	28,800	1,625	5924418	
	AVPTC60D14A*			45,000	15.00	12.50	32,200	26,400	44,000	9.00	28,800	1,625	5924419	
	CA*F4961*6D*+EEP+TXV			45,500	14.00	12.00	32,400	26,600	46,000	9.00	29,000	1,550	4431867	
	CA*F4961*6D*+MBVC2000**1A*+TXV			47,000	16.00	13.00	33,600	27,600	46,000	9.50	34,000	1,550	4432025	
	CA*F4961*6D*+TXV		G*E81005C*B	46,000	16.00	13.00	32,800	27,000	45,500	9.00	30,000	1,570	5038671	
	CA*F4961*6D*+TXV		A*VC950714CXB*	45,500	15.00	12.50	32,400	26,600	46,000	9.00	29,000	1,550	5623147	
	CA*F4961*6D*+TXV		G*VC950714CXB*	45,500	16.00	12.50	32,400	26,600	46,000	9.00	29,000	1,550	5623148	
	CA*F4961*6D*+TXV		G*VC950905DXB*	46,000	15.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623150	
	CA*F4961*6D*+TXV		A*VC950915DXB*	46,000	15.75	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623154	
	CA*F4961*6D*+TXV		G*VC950915DXB*	46,000	15.75	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623155	
	CA*F4961*6D*+TXV		G*VC951155DXB*	46,000	16.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623158	
	CA*F4961*6D*+TXV		A*VM960604CXB*	45,500	15.00	12.50	32,400	26,600	46,000	9.00	29,000	1,550	5623162	
	CA*F4961*6D*+TXV		G*VM960604CXB*	45,500	15.00	12.50	32,400	26,600	46,000	9.00	29,000	1,550	5623163	
	CA*F4961*6D*+TXV		G*VM960805DXB*	46,000	15.75	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623165	
	CA*F4961*6D*+TXV		G*VM961005DXB*	46,000	16.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623168	
	CA*F4961*6D*+TXV		G*VM961155DXB*	46,000	16.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623171	
SSZ16	CA*F4961*6D*+TXV		G*VC950704CXB*	45,500	15.00	12.50	32,400	26,600	46,000	9.00	29,000	1,550	5937853	
0481A*	CA*F4961*6D*+TXV		A*EH801005C*A*	46,000	16.00	13.00	32,800	27,000	45,500	9.00	30,000	1,570	6844614	
	CAPT4961*4A*		G*E81005C*B	46,000	15.50	13.00	32,800	27,000	45,500	9.00	30,000	1,675	5520859	
	CAPT4961*4A*		G*VC950905DXB*	46,000	15.00	13.00	32,800	27,000	46,000	8.50	34,000	1,695	5623151	
	CAPT4961*4A*		A*VC950915DXB*	46,000	15.00	13.00	32,800	27,000	46,000	9.00	34,000	1,660	5623156	
	CAPT4961*4A*		G*VC950915DXB*	46,000	15.00	13.00	32,800	27,000	46,000	9.00	34,000	1,660	5623157	
	CAPT4961*4A*		G*VC951155DXB*	46,000	15.50	13.00	32,800	27,000	46,000	9.00	34,000	1,615	5623159	
	CAPT4961*4A*		G*VM960805DXB*	46,000	15.00	13.00	32,800	27,000	46,000	9.00	34,000	1,660	5623166	
	CAPT4961*4A*		G*VM961005DXB*	46,000	15.50	13.00	32,800	27,000	46,000	9.00	34,000	1,615	5623169	
	CAPT4961*4A*		G*VM961155DXB*	46,000	15.50	13.00	32,800	27,000	46,000	9.00	34,000	1,615	5623172	
	CAPT4961*4A*		G*VC950704CXB*	45,500	14.00	12.50	32,400	26,600	46,000	8.50	29,000	1,695	5937854	
	CAPT4961*4A*		A*EH801005C*A*	46,000	15.50	13.00	32,800	27,000	45,500	9.00	30,000	1,675	6844670	
	CAPT4961*4A*+EEP			45,500	14.00	12.00	32,400	26,600	46,000	8.50	29,000	1,675	5520865	
	CAPT4961*4A*+MBVC2000**1A*			47,000	16.00	13.00	33,600	27,600	46,000	9.00	34,000	1,615	5527447	
	CHPF4860D6D*+EEP+TXV			45,500	14.00	12.00	32,400	26,600	46,000	9.00	29,000	1,550	3300417	
	CHPF4860D6D*+MBVC2000**1A*+TXV			47,000	16.00	13.00	33,600	27,600	46,000	9.50	34,000	1,550	3610060	
	CHPF4860D6D*+TXV		G*VC950905CXB*	46,000	15.50	12.80	32,800	27,000	46,000	9.50	34,000	1,475	5623149	
	CHPF4860D6D*+TXV		G*VC950905DXB*	46,000	16.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623152	
	CHPF4860D6D*+TXV		G*VC951155DXB*	46,000	16.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623160	
	CHPF4860D6D*+TXV		G*VM960805CXB*	46,000	15.50	12.80	32,800	27,000	46,000	9.50	34,000	1,475	5623164	
	CHPF4860D6D*+TXV		G*VM960805DXB*	46,000	15.75	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623167	
	CHPF4860D6D*+TXV		G*VM961005DXB*	46,000	16.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623170	
	CHPF4860D6D*+TXV		G*VM961155DXB*	46,000	16.00	13.00	32,800	27,000	46,000	9.50	34,000	1,475	5623173	
	CSCF4860N6D*+TXV		G*VC950905DXB*	45,000	15.50	12.50	32,200	26,400	46,000	9.50	34,000	1,575	5623153	
	CSCF4860N6D*+TXV		G*VC951155DXB*	45,000	15.50	12.50	32,200	26,400	46,000	9.50	34,000	1,550	5623161	

See Notes on Page 17.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS			COOLING CAPACITY (BTU/H)				TVA RATINGS ³				HEATING CAPACITY (BTU/H)			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES		TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	SEER ¹	EER ²	HI	HSPF ⁴	LOW		
SSZ16 0601B*	CA *F4961*6D**MBVC2000**-1A*+TXV			57,000	42,000	16.00	12.50	39,000	30,800	56,500	9.10	35,800	9.10	35,800	1,750	4514558
	CA *F4961*6D**+TXV	G*VC81005C*B*		55,500	41,000	15.50	11.80	38,000	30,000	55,000	9.00	30,000	9.00	30,000	1,800	5038650
	CA *F4961*6D**+TXV	G*VC80805C*B*		55,000	40,500	15.50	11.80	37,600	29,600	55,500	9.00	30,000	9.00	30,000	1,590	5038722
	CA *F4961*6D**+TXV	A*VC81005C*B*		55,500	41,000	15.50	11.80	38,000	30,000	55,000	9.00	30,000	9.00	30,000	1,800	5038759
	CA *F4961*6D**+TXV	ADV80805C*B*		54,500	40,000	15.50	11.80	37,200	29,400	55,500	9.00	30,000	9.00	30,000	1,580	5038763
	CA *F4961*6D**+TXV	ADV81005C*B*		55,500	41,000	15.50	11.80	38,000	30,000	55,000	9.00	30,000	9.00	30,000	1,820	5038765
	CA *F4961*6D**+TXV	A*VC80805C*B*		55,000	40,500	15.50	11.80	37,600	29,600	55,500	9.00	30,000	9.00	30,000	1,590	5038807
	CA *F4961*6D**+TXV	A*VC950915DXB*		55,500	41,000	15.80	12.20	38,000	30,000	56,000	9.15	35,800	9.15	35,800	1,650	5926592
	CA *F4961*6D**+TXV	G*VC950905CXB*		55,500	41,000	15.40	11.90	38,000	30,000	56,500	9.05	36,000	9.05	36,000	1,600	5926593
	CA *F4961*6D**+TXV	G*VC950905DXB*		55,500	41,000	15.90	12.20	38,000	30,000	56,000	9.15	35,800	9.15	35,800	1,600	5926594
	CA *F4961*6D**+TXV	G*VC950915DXB*		55,500	41,000	15.80	12.20	38,000	30,000	56,000	9.15	35,800	9.15	35,800	1,650	5926595
	CA *F4961*6D**+TXV	G*VC951155DXB*		55,500	41,000	15.50	12.10	38,000	30,000	56,000	9.05	35,800	9.05	35,800	1,600	5926596
	CA *F4961*6D**+TXV	G*VM960805CXB*		55,500	41,000	15.40	11.90	38,000	30,000	56,500	9.05	36,000	9.05	36,000	1,600	5926597
	CA *F4961*6D**+TXV	G*VM960805DXB*		55,500	41,000	15.80	12.20	38,000	30,000	56,000	9.15	35,800	9.15	35,800	1,650	5926598
	CA *F4961*6D**+TXV	G*VM961005DXB*		55,500	41,000	15.50	12.10	38,000	30,000	56,000	9.05	35,800	9.05	35,800	1,600	5926599
	CA *F4961*6D**+TXV	G*VM961155DXB*		55,500	41,000	15.50	12.10	38,000	30,000	56,000	9.05	35,800	9.05	35,800	1,600	5926600
CHPF4860D6D**MBVC2000**-1A*+TXV			56,000	41,500	16.00	12.70	38,500	30,200	55,500	9.20	35,200	9.20	35,200	1,600	4236500	
CHPF4860D6D**+TXV		G*VC81005C*B*	55,500	41,000	15.50	11.80	38,000	30,000	55,000	9.00	30,000	9.00	30,000	1,800	5038659	
CHPF4860D6D**+TXV		G*VC80805C*B*	55,000	40,500	15.50	11.80	37,600	29,600	55,500	9.00	30,000	9.00	30,000	1,590	5038662	
CHPF4860D6D**+TXV		A*VC81005C*B*	55,500	41,000	15.50	11.80	38,000	30,000	55,000	9.00	30,000	9.00	30,000	1,800	5038762	
CHPF4860D6D**+TXV		A*VC80805C*B*	55,000	40,500	15.50	11.80	37,600	29,600	55,500	9.00	30,000	9.00	30,000	1,590	5038766	
CHPF4860D6D**+TXV		G*VC950905CXB*	55,000	40,500	15.50	12.00	37,600	29,600	56,000	9.10	35,800	9.10	35,800	1,600	5926601	
CHPF4860D6D**+TXV		G*VC950905DXB*	55,500	41,000	15.90	12.20	38,000	30,000	56,000	9.20	35,600	9.20	35,600	1,600	5926602	
CHPF4860D6D**+TXV		G*VC951155DXB*	55,000	40,500	15.50	12.10	37,600	29,600	56,000	9.10	35,800	9.10	35,800	1,600	5926603	
CHPF4860D6D**+TXV		G*VM960805CXB*	55,000	40,500	15.50	12.00	37,600	29,600	56,000	9.10	35,800	9.10	35,800	1,600	5926604	
CHPF4860D6D**+TXV		G*VM960805DXB*	55,500	41,000	15.90	12.20	38,000	30,000	56,000	9.15	35,600	9.15	35,600	1,650	5926605	
CHPF4860D6D**+TXV		G*VM961005DXB*	55,000	40,500	15.50	12.10	37,600	29,600	56,000	9.10	35,800	9.10	35,800	1,600	5926606	
CHPF4860D6D**+TXV		G*VM961155DXB*	55,000	40,500	15.50	12.10	37,600	29,600	56,000	9.10	35,800	9.10	35,800	1,600	5926607	

¹ Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240

³ TVA Rating: BTU/h @ 75°F/63°F - 95°F

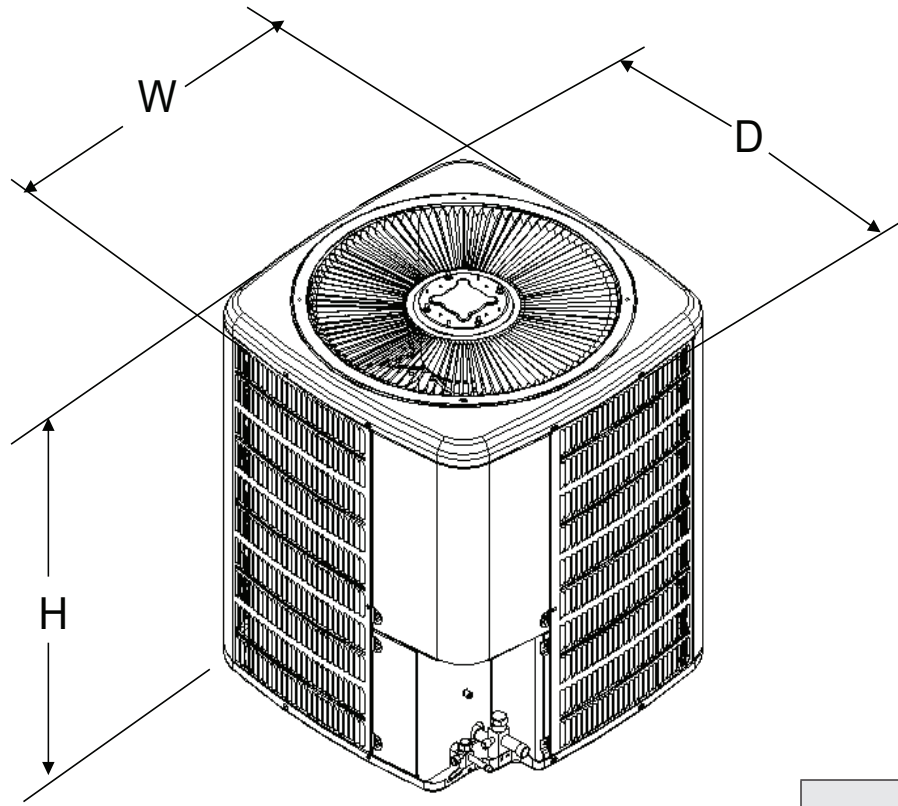
² Energy Efficiency Ratio @ 80°F/67°F/95°F

⁴ HSPF = Heating Seasonal Performance Factor

NOTES

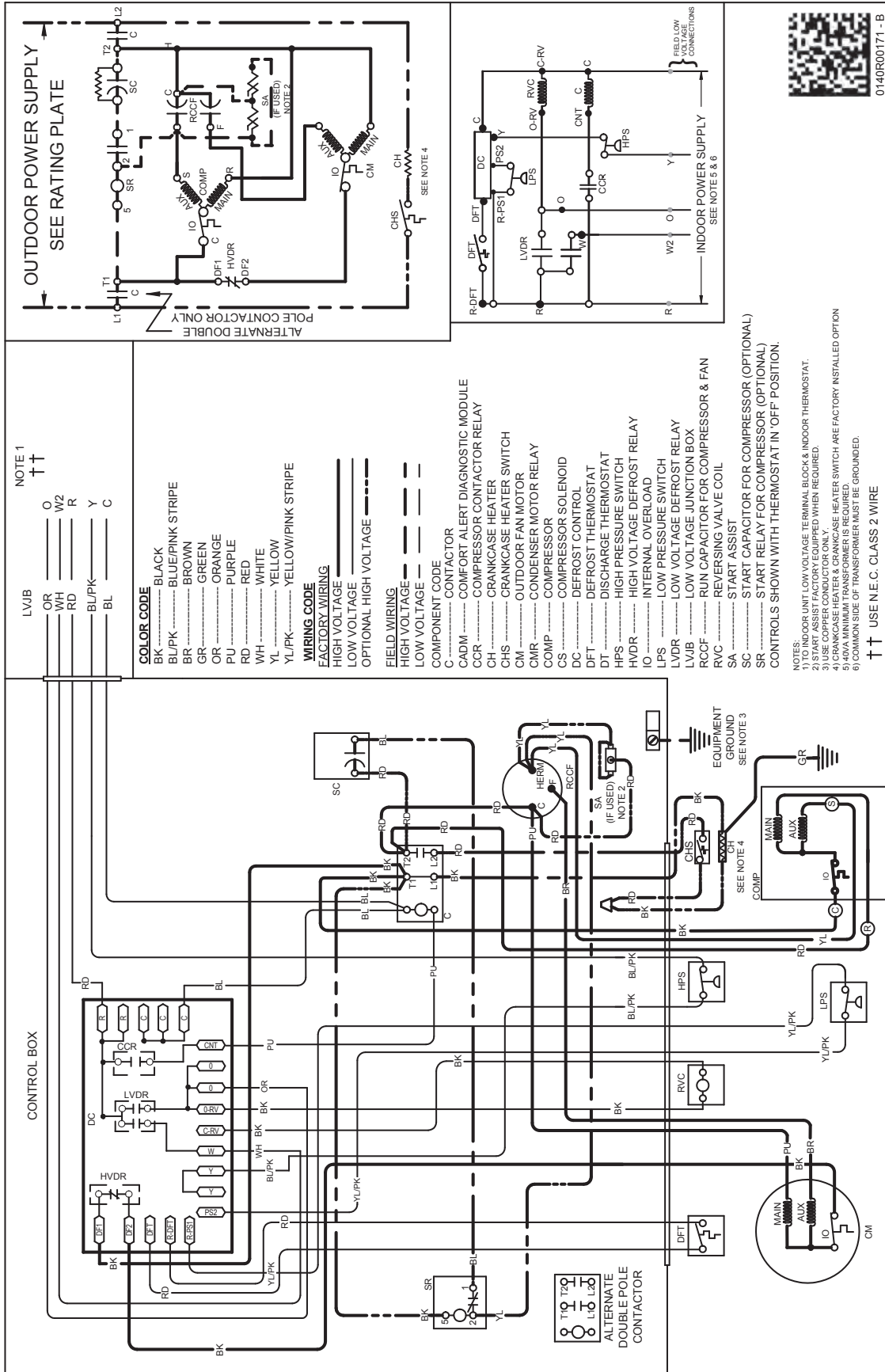
- Always check the S&R plate for electrical data on the unit being installed.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
SSZ160241A*	29	29	38¼
SSZ160361A*	35½	35½	38¼
SSZ160481A*	35½	35½	38¼
SSZ160601B*	35½	35½	38¼

WIRING DIAGRAM



WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

ACCESSORIES

MODEL	DESCRIPTION	SSZ16 024	SSZ16 036	SSZ16 048	SSZ16 060
ABK-20	Anchor Bracket Kit*	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	
CSR-U-3	Hard-start Kit				X
FSK01A ¹	Freeze Protection Kit	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X
TX2N4A ³	TXV Kit	X			
TX3N4 ³	TXV Kit		X		
TX5N4 ³	TXV Kit			X	X

* Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0° F with 50% or higher relative humidity.

³ 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. The TXV should always be sized based on the tonnage of the outdoor unit.