



Air Conditioning & Heating



2 TO 5 TON

PRODUCT SPECIFICATIONS

CLT SERIES

13 SEER

HIGH-EFFICIENCY SPLIT SYSTEM AIR CONDITIONER



The Goodman® CLT 13 SEER Air Conditioner features an attractive louvered metal guard that protects the coil from damage and strengthens the unit. Designed for ground-level or rooftop mount, the raised base pan elevates the unit above the slab for excellent water drainage. The powder-paint finish provides premium durability and improved UV protection.

Standard Features

- High-efficiency Copeland® scroll compressor
- Quiet operating top discharge
- Enclosed, permanently lubricated 8-pole, 850-RPM PSC condenser motor
- Copper tube/aluminum fin coil
- Brass suction and liquid service valve with sweat connections
- Fully charged for 15' of tubing length
- Factory-installed liquid line filter dryer
- Compressor sound blanket
- Contactor with lug connections
- Ground lug connection

Cabinet Features

- Polyester powder paint provides premium durability and improved UV protection
- Heavy-gauge, zinc-clad, galvanized steel
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds

Air Handler and Coil Compatibilities

- ARPF, ARUF, AEPF, and ADPF versatile upflow, horizontal, or downflow air handlers; units may be located in closet, utility room, attic, or basement
- AWUF vertical wall-mounted electric heat air handler
- ACNF ceiling-mounted electric heat air handler
- MBR/MBE modular blowers
- CA, CH and CS indoor coils

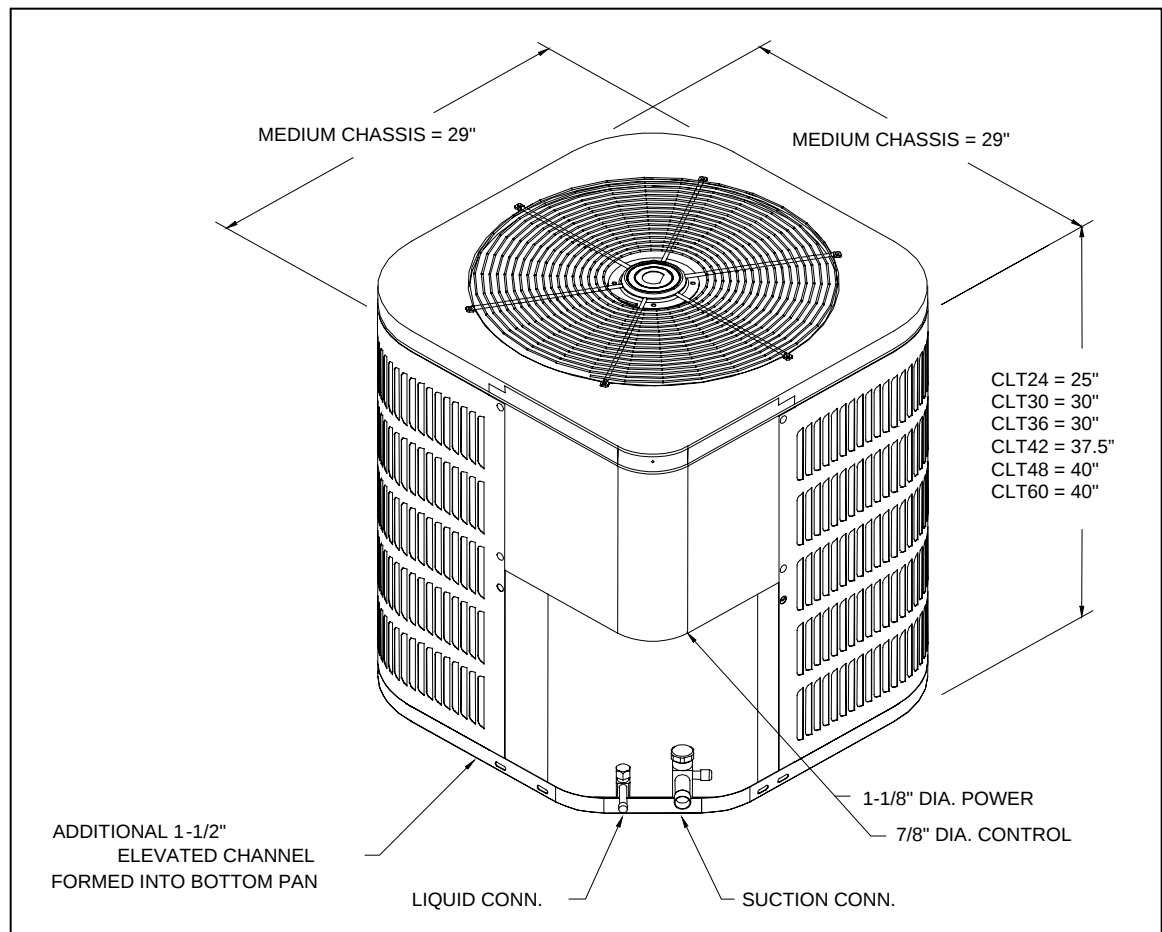
Accessories

- Standard room thermostat with 1-stage cool/1-stage heat
- Digital room thermostat with 1-stage cool/1-stage heat
- Outdoor Thermostat
- Low Ambient Kit



PRODUCT SPECIFICATIONS

DIMENSIONS



ACCESSORIES

Item #	Accessory Description
CHT18-60 or CHSATG)	Standard room thermostat with 1-stage cool/1-stage heat
CH70TG	Digital room thermostat with 1-stage cool/1-stage heat
OT18-60A	Outdoor Thermostat
LA-01	Low Ambient Kit

SPECIFICATIONS

	CLT24-1A/-1B	CLT30-1A/-1B	CLT36-1A/-1B	CLT36-1C	CLT42-1A/-1B	CLT48-1A/-1B	CLT60-1/-1B
Compressor							
RLA	9.6	12.2	14.8	14.4	16.6	18.0	22.1
LRA	45	63	83	77	95	104	137
Decibels	74	74	74	74	74	74	74
Condenser Fan Motor							
FLA	0.9	1.1	1.6	1.6	1.6	1.6	1.6
Horsepower	1/6	1/6	¼	¼	¼	¼	¼
Refrigeration System							
Liquid Line ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line ("O.D.)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Electrical Data							
Voltage/Hz-Phase	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ¹	12.9	16.4	20.1	19.6	22.4	24.1	29.2
Max. Overcurrent Protection (amps) ²	20	20	30	30	30	40	50
Min / Max Volts	253/197	253/197	253/197	253/197	253/197	253/197	253/197
Ship Weight (lbs)	173	208	209	195	258	270	271

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² Must use fuses or HACR type Circuit Breakers of the same size as noted.

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS

Condenser	Indoor Model	Cooling Capacity (BTU/h)		SEER ¹	EER ²	ARI #
		Total	Sensible			
CLT24-1*	AEPF18301A*	22,400	16,800	14	12.5	892290
	AEPT030-00*-1*	22,400	16,800	14	12.5	517567
	ARPF18241A*	22,000	16,500	13	11.5	892557
	ARPT032-00*-1*	22,000	16,500	13	11.5	517566
	ARUF032-00*-1*	22,000	16,500	13	11.5	517565
	ARUF18241A*	22,000	16,500	13	11.5	891918
	AWB36-XX	22,000	16,500	13	11.5	503828
	AWUF36XX1A*	22,000	16,500	13	11.5	891711
	CA*F030*2*+G*V80704B**	22,000	16,500	14	12.5	551588
	CA*F030*2*+TXV+EEP	21,000	15,750	13	11.5	884810
	CA*F036*2*+EEP	22,000	16,500	13	11.5	503832
	CA*F042*2*+G*V80704B**	22,400	16,800	14	12.5	551577
	CA*F042*2*+G*V90704C**	22,400	16,800	14	12.5	503833
	CA*F048*2*+EEP	22,400	16,800	13	11.5	503834
	CA*F1824*6A*+G*V80704B**	22,000	16,500	14	12.5	892850
	CA*F3131*6A*+G*V80704B**	22,400	16,800	14	12.5	892450
	CA*F3131*6A*+G*V90704C**	22,400	16,800	14	12.5	892724
	CA*F3636*6A*+EEP	22,400	16,800	13	11.5	892986
	CHPF030A2*+EEP	22,000	16,500	13	11.5	503840
	CHPF030A2*+G*V80704B**	22,000	16,500	14	12.5	551593
	CHPF036B2*+EEP	22,400	16,800	13	11.5	503843
	CHPF042B2*+G*V80704B**	22,400	16,800	14	12.5	551581
	CHPF042B2*+G*V90704C**	22,400	16,800	14	12.5	503844
	CHPF1824A6A*+EEP	22,000	16,500	13	11.5	892133
	CHPF1824A6A*+G*V80704B**	22,000	16,500	14	12.5	892349
	CHPF2430B6A*+G*V80704B**	22,400	16,800	14	12.5	893057
	CHPF2430B6A*+G*V90704C**	22,400	16,800	14	12.5	892055
	CSCF1824N6A*+EEP	22,000	16,500	13	11.5	893168
	CSCF1824N6A*+G*V80704B**	22,000	16,500	14	12.5	1008556
	CSCF1824N6A*+G*V90453B**	22,000	16,500	14	12.5	1008558
	CSCF3036N6A*+EEP	22,400	16,800	13	11.5	891683
	H36F+EEP	22,000	16,500	13	11.5	503851
	H36F+G*V80704B**	22,000	16,500	14	12.5	1008548
	H36F+G*V90453B**	22,000	16,500	14	12.5	1008552
	H49F+EEP	22,400	16,800	13	11.5	503853

1) Seasonal Energy Efficiency Ratio

2) 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 that 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.

PERFORMANCE RATINGS (CONT.)

Condenser	Indoor Model	Cooling Capacity (BTU/h)		SEER ¹	EER ²	ARI #
		Total	Sensible			
CLT30-1*	AEPF30361A*	28,000	21,000	14	12.5	892943
	AEPT036-00*-1*	28,000	21,000	14	12.5	517585
	ARPF18241A*	26,600	19,950	13	11.5	892454
	ARPT032-00*-1*	26,600	19,950	13	11.5	517564
	ARUF032-00*-1*	26,600	19,950	13	11.5	517615
	ARUF18241A*	26,600	19,950	13	11.5	893147
	CA*F030*2*+EEP	26,600	19,950	13	11.5	503872
	CA*F030*2*+G*V80704B**	27,000	20,250	14	12.5	551580
	CA*F037*2*+EEP	27,000	20,250	13	11.5	893767
	CA*F042*2*+EEP	27,000	20,250	13	11.5	503875
	CA*F042*2*+G*V80704B**	27,000	20,250	14	12.5	551578
	CA*F042*2*+G*V90704C**	27,000	20,250	14	12.5	503876
	CA*F1824*6A*+EEP	26,600	19,950	13	11.5	892710
	CA*F1824*6A*+G*V80704B**	27,000	20,250	14	12.5	891784
	CA*F3131*6A*+EEP	27,000	20,250	13	11.5	891913
	CA*F3131*6A*+G*V80704B**	27,000	20,250	14	12.5	891808
	CA*F3131*6A*+G*V90704C**	27,000	20,250	14	12.5	892543
	CHPF030A2*+EEP	26,600	19,950	13	11.5	503881
	CHPF030A2*+G*V80704B**	27,000	20,250	14	12.5	551584
	CHPF036B2*+EEP	27,000	20,250	13	11.5	503884
	CHPF042B2*+EEP	28,400	21,300	13	11.5	535499
	CHPF042B2*+G*V80704B**	27,000	20,250	14	12.5	551575
	CHPF042B2*+G*V90704C**	27,000	20,250	14	12.5	503885
	CHPF1824A6A*+EEP	26,600	19,950	13	11.5	892107
	CHPF1824A6A*+G*V80704B**	27,000	20,250	14	12.5	892942
	CHPF2430B6A*+EEP	28,400	21,300	13	11.5	892178
	CHPF2430B6A*+G*V80704B**	27,000	20,250	14	12.5	892392
	CHPF2430B6A*+G*V90704C**	27,000	20,250	14	12.5	891687
	CSCF1824N6A*+EEP	26,600	19,950	13	11.5	891605
	CSCF3036N6A*+EEP	28,400	21,300	13	11.5	891942
	CSCF3036N6A*+G*V80704B**	27,000	20,250	14	12.5	892984
	CSCF3036N6A*+G*V90704C**	27,000	20,250	14	12.5	892083
	H36F+EEP	26,600	19,950	13	11.5	503890
	H49F+EEP	28,400	21,300	13	11.5	503891
	H49F+G*V80704B**	27,000	20,250	14	12.5	551574
	H49F+G*V90704C**	27,000	20,250	14	12.5	527370
	H49F+G*V90905C**	28,000	21,000	14	12.5	1038140

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS (CONT.)

Condenser	Indoor Model	Cooling Capacity (BTU/h)		SEER ¹	EER ²	ARI #
		Total	Sensible			
CLT36-1*	AEPF30361A*	36,000	25,920	14	12.5	892616
	AEPT036-00*-1*	36,000	25,920	14	12.5	517576
	ARPF36421A*	36,000	25,920	13	11.5	891814
	ARPT049-00*-1*	36,000	25,920	13	11.5	517549
	ARUF048-00*-1*	36,000	25,920	13	11.5	517581
	ARUF049-00*-1*	36,000	25,920	13	11.5	571121
	ARUF36421A*	36,000	25,920	13	11.5	892714
	CA*F048*2*+EEP	36,000	25,920	13	11.5	503910
	CA*F048*2*+G*V80905C**	36,000	25,920	14	12.5	521164
	CA*F048*2*+G*V81155C**	36,000	25,920	14	12.5	521172
	CA*F048*2*+G*V90905D**	36,000	25,920	14	12.5	503911
	CA*F048*2*+G*V91155D**	36,000	25,920	14	12.5	503912
	CA*F049*2*+G*V90905D**	35,000	25,200	13.5	11.6	1038138
	CA*F3636*6A*+EEP	36,000	25,920	13	11.5	892387
	CA*F3636*6A*+G*V80905C**	36,000	25,920	14	12.5	891764
	CA*F3636*6A*+G*V81155C**	36,000	25,920	14	12.5	893115
	CA*F3636*6A*+G*V90905D**	36,000	25,920	14	12.5	891965
	CA*F3636*6A*+G*V91155D**	36,000	25,920	14	12.5	892495
	CHPF048D2*+EEP	36,000	25,920	13	11.5	503920
	CHPF048D2*+G*V80905C**	36,000	25,920	14	12.5	521163
	CHPF048D2*+G*V81155C**	36,000	25,920	14	12.5	521166
	CHPF048D2*+G*V90905D**	36,000	25,920	14	12.5	503921
	CHPF048D2*+G*V91155D**	36,000	25,920	14	12.5	503922
	CHPF3642D6A*+EEP	36,000	25,920	13	11.5	892764
	CHPF3642D6A*+G*V80905C**	36,000	25,920	14	12.5	892047
	CHPF3642D6A*+G*V81155C**	36,000	25,920	14	12.5	891944
	CHPF3642D6A*+G*V90905D**	36,000	25,920	14	12.5	891963
	CHPF3642D6A*+G*V91155D**	36,000	25,920	14	12.5	892045
	CSCF3642N6A*+EEP	36,000	25,920	13	11.5	891721
	CSCF3642N6A*+G*V80905C**	36,000	25,920	14	12.5	892187
	CSCF3642N6A*+G*V90905D**	36,000	25,920	14	12.5	891991
	CSCF4860N6A*+EEP	36,000	25,920	13	11.5	892664
	H60F+EEP	36,000	25,920	13	11.5	503930
	H60F+G*V80905C**	36,000	25,920	14	12.5	527394
	H60F+G*V90905D**	36,000	25,920	14	12.5	527385
	H61F+EEP	36,000	25,920	13	11.5	503933
CLT42-1*	AEPF42601A*	41,000	29,930	14	12.5	892345
	AEPT060-00*-1*	41,000	29,930	14	12.5	517552
	ARPF36421A*	41,000	29,930	13	11.5	892743
	ARPT049-00*-1*	41,000	29,930	13	11.5	517618
	ARUF049-00*-1*	41,000	29,930	13	11.5	517633
	ARUF36421A*	41,000	29,930	13	11.5	891577
	ARUF486016A*	41,000	29,930	13	11.5	1038146
	ARUF48601A*	41,000	29,930	13	11.5	1038145
	CA*F061*2*+EEP	41,000	29,930	13	11.5	503952
	CA*F061*2*+G*V80905C**	41,000	29,930	14	12.5	521173
	CA*F061*2*+G*V81155C**	41,000	29,930	14	12.5	521183

See Notes on Page 4 or 8.

PERFORMANCE RATINGS (CONT.)

Condenser	Indoor Model	Cooling Capacity (BTU/h)		SEER ¹	EER ²	ARI #
		Total	Sensible			
CLT42-1* (cont.)	CA*F061*2*+G*V90905D**	41,000	29,930	14	12.5	503953
	CA*F061*2*+G*V91155D**	41,000	29,930	14	12.5	503954
	CA*F4860*6A*+EEP	41,000	29,930	13	11.5	892297
	CA*F4860*6A*+G*V80905C**	41,000	29,930	14	12.5	892843
	CA*F4860*6A*+G*V81155C**	41,000	29,930	14	12.5	891738
	CA*F4860*6A*+G*V90905D**	41,000	29,930	14	12.5	892386
	CA*F4860*6A*+G*V91155D**	41,000	29,930	14	12.5	891816
	CHPF060D2*+EEP	41,000	29,930	13	11.5	503963
	CHPF060D2*+G*V80905C**	41,000	29,930	14	12.5	521192
	CHPF060D2*+G*V81155C**	41,000	29,930	14	12.5	521194
	CHPF060D2*+G*V90905D**	41,000	29,930	14	12.5	503964
	CHPF060D2*+G*V91155D**	41,000	29,930	14	12.5	503965
	CHPF4860D6A*+EEP	41,000	29,930	13	11.5	892270
	CHPF4860D6A*+G*V80905C**	41,000	29,930	14	12.5	892001
	CHPF4860D6A*+G*V81155C**	41,000	29,930	14	12.5	891599
	CHPF4860D6A*+G*V90905D**	41,000	29,930	14	12.5	892077
	CHPF4860D6A*+G*V91155D**	41,000	29,930	14	12.5	892060
	CSCF4860N6A*+EEP	41,000	29,930	13	11.5	893004
	H61F+EEP	41,000	29,930	13	11.5	503975
CLT48-1*	AEPF42601A*	44,500	33,375	13.5	12	893035
	AEPT060-00*-1*	44,500	33,375	13.5	12	517634
	ARPF36421A*	44,000	33,000	13	11.5	892341
	ARPT049-00*-1*	44,000	33,000	13	11.5	517628
	ARUF049-00*-1*	44,000	33,000	13	11.5	517622
	ARUF36421A*	44,000	33,000	13	11.5	892185
	CA*F061*2*+EEP	45,000	33,750	13	11.5	503998
	CA*F061*2*+G*V80905C**	45,000	33,750	13.5	12	521197
	CA*F061*2*+G*V81155C**	45,000	33,750	13.5	12	521191
	CA*F061*2*+G*V90905D**	45,000	33,750	13.5	12	503999
	CA*F061*2*+G*V91155D**	45,000	33,750	13.5	12	504000
	CA*F4860*6A*+EEP	45,000	33,750	13	11.5	891813
	CA*F4860*6A*+G*V80905C**	45,000	33,750	13.5	12	892081
	CA*F4860*6A*+G*V81155C**	45,000	33,750	13.5	12	892624
	CA*F4860*6A*+G*V90905D**	45,000	33,750	13.5	12	891800
	CA*F4860*6A*+G*V91155D**	45,000	33,750	13.5	12	891685
	CHPF060D2*+EEP	45,000	33,750	13	11.5	504008
	CHPF060D2*+G*V80905C**	45,000	33,750	13.5	12	521186
	CHPF060D2*+G*V81155C**	45,000	33,750	13.5	12	521184
	CHPF060D2*+G*V90905D**	45,000	33,750	13.5	12	504009
	CHPF060D2*+G*V91155D**	45,000	33,750	13.5	12	504010
	CHPF4860D6A*+EEP	45,000	33,750	13	11.5	891976
	CHPF4860D6A*+G*V80905C**	45,000	33,750	13.5	12	891894
	CHPF4860D6A*+G*V81155C**	45,000	33,750	13.5	12	893098
	CHPF4860D6A*+G*V90905D**	45,000	33,750	13.5	12	892334
	CHPF4860D6A*+G*V91155D**	45,000	33,750	13.5	12	891960

See Notes on Page 4 or 8.

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS (CONT.)

Condenser	Indoor Model	Cooling Capacity (BTU/h)		SEER ¹	EER ²	ARI #
		Total	Sensible			
CLT48-1* (cont.)	CSCF4860N6A*+EEP	45,000	33,750	13	11.5	892201
	CSCF4860N6A*+G*V81155C**	45,000	33,750	13.5	12	891726
	CSCF4860N6A*+G*V91155D**	45,000	33,750	13.5	12	892856
	H61F+EEP	45,000	33,750	13	11.5	504019
	H61F+G*V81155C**	45,000	33,750	13.5	12	527378
	H61F+G*V91155D**	45,000	34,200	13.5	12	527374
CLT60-1*	AEPF42601A*	53,000	39,750	13	11.8	892448
	AEPT060-00*-1*	53,000	39,750	13	11.8	517619
	CA*F061*2*+EEP	52,000	39,000	13	11.5	504037
	CA*F061*2*+G*V80905C**	53,000	39,750	13.3	11.8	521179
	CA*F061*2*+G*V81155C**	53,000	39,750	13.3	11.8	521178
	CA*F061*2*+G*V90905D**	53,000	39,750	13.3	11.8	520826
	CA*F061*2*+G*V91155D**	53,000	39,750	13.3	11.8	504038
	CA*F4860*6A*+EEP	52,000	39,000	13	11.5	891632
	CA*F4860*6A*+G*V80905C**	53,000	39,750	13.3	11.8	892582
	CA*F4860*6A*+G*V81155C**	53,000	39,750	13.3	11.8	892959
	CA*F4860*6A*+G*V90905D**	53,000	39,750	13.3	11.8	892306
	CA*F4860*6A*+G*V91155D**	53,000	39,750	13.3	11.8	892033
	CHPF060D2*+EEP	52,000	39,000	13	11.5	504042
	CHPF060D2*+G*V80905C**	53,000	39,750	13.3	11.8	521175
	CHPF060D2*+G*V81155C**	53,000	39,750	13.3	11.8	521189
	CHPF060D2*+G*V90905D**	53,000	39,750	13.3	11.8	520816
	CHPF060D2*+G*V91155D**	53,000	39,750	13.3	11.8	504043
	CHPF4860D6A*+EEP	52,000	39,000	13	11.5	892420
	CHPF4860D6A*+G*V80905C**	53,000	39,750	13.3	11.8	892660
	CHPF4860D6A*+G*V81155C**	53,000	39,750	13.3	11.8	893018
	CHPF4860D6A*+G*V90905D**	53,000	39,750	13.3	11.8	891996
	CHPF4860D6A*+G*V91155D**	53,000	39,750	13.3	11.8	891883
	CSCF4860N6A*+EEP	52,000	39,000	13	11.5	892117
	CSCF4860N6A*+G*V81155C**	53,000	39,750	13.3	10.78	892205
	CSCF4860N6A*+G*V91155D**	53,000	39,750	13.3	11.8	891988
	H61F+EEP	52,000	39,000	13	11.5	504047
	H61F+G*V81155C**	53,000	39,750	13.3	10.78	527377
	H61F+G*V91155D**	53,000	39,750	13.3	11.8	527365

- 1) Seasonal Energy Efficiency Ratio
 2) 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 that 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.



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