



Air Conditioning & Heating



2 TO 5 TON

PRODUCT SPECIFICATIONS

CPLT SERIES

SPLIT SYSTEM
HEAT PUMP

13 SEER



The CPLT features an attractive louvered metal guard to protect the coil from damage and strengthen the unit. Designed for ground-level or rooftop mount, the base pan elevates the unit above the slab for excellent water drainage. A powder-paint finish provides premium durability and improved UV protection.

Standard Features

- Energy-efficient scroll compressor with internal pressure relief valve
- Quiet condenser fan system includes an 8-pole, 840 RPM motor, four-bladed fan and wire discharge grille
- High-quality compressor sound blanket
- R-22 refrigerant-charged for 15' of refrigerant lines
- Factory-installed bi-flow liquid line filter dryer
- Suction line accumulator
- Check flowrater expansion device
- Discharge line muffler
- Low-pressure switch
- Reliable, time-initiated, temperature-terminated defrost control
- Brass liquid and suction line service valves
- Contactor with lug connection
- Ground lug connection
- ARI Certified; ETL Certified

Cabinet Features

- Polyester powder paint provides premium durability and improved UV protection
- Heavy-gauge, galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds

Accessories

- Standard Room Thermostat with 1-stage cool/2-stage heat
- Digital Room Thermostat with 1-stage cool/2-stage heat
- Outdoor Lockout Thermostat/Emergency Heat Relay Kit for staging electric heat
- Outdoor Thermostat



PRODUCT SPECIFICATIONS

SPECIFICATIONS

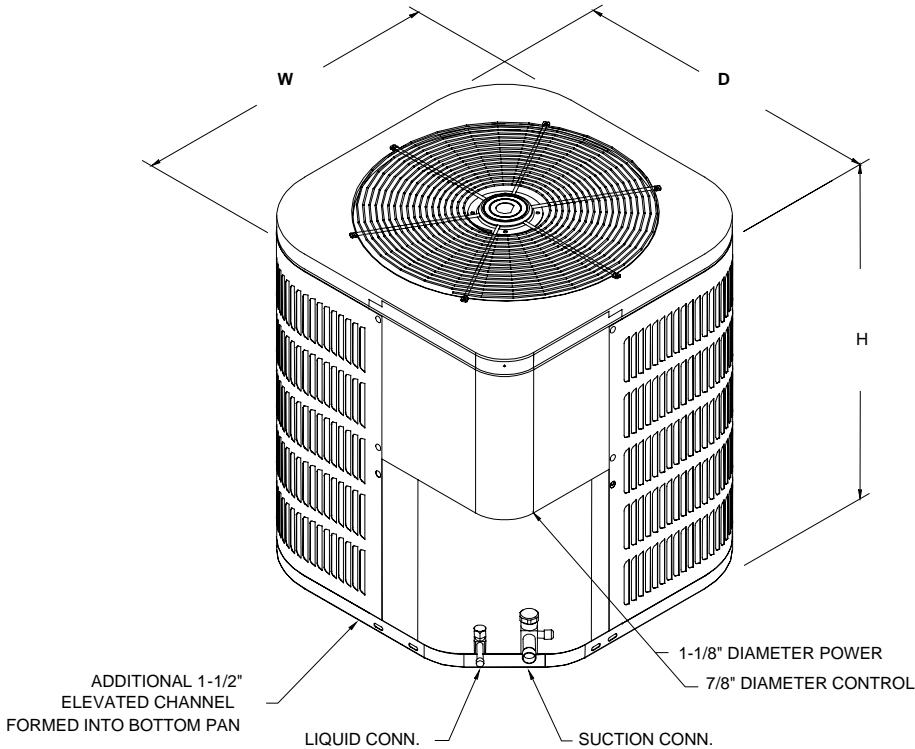
	CPLT24-1B	CPLT30-1B	CPLT36-1B	CPLT42-1B	CPLT48-1B	CPLT60-1B
Nominal Capacities						
Cooling (BTU/h)	22,800	30,000	35,000	40,000	46,500	55,000
EER / SEER						
Heating (BTU/h)	23,000	31,000	36,000	40,000	46,000	55,000
Decibels	72	77	77	77	77	77
Compressor						
RLA	10.9	13.5	14.8	17.1	18.4	22.1
LRA	54	72.5	83	95	109	137
Condenser Fan Motor						
Horsepower	1/6	1/6	1/4	1/4	1/4	1/4
FLA	0.9	0.9	1.6	1.6	1.6	1.6
Refrigeration System						
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Electrical Data						
Voltage-Phase	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Min. Circuit Ampacity ¹	14.7	18	20.1	23	24.6	29.2
Max. Overcurrent Protection (amps) ²	20	30	30	40	40	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Ship Weight (lbs)	137	142	152	162	249	337

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

² Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

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

DIMENSIONS



Model	Width	Depth	Height
CPLT24-1B	29"	29"	31.5"
CPLT30-1B	29"	29"	26.5"
CPLT36-1B	29"	29"	29"
CPLT42-1B	29"	29"	31.5"
CPLT48-1B	35.5"	35.5"	31.5"
CPLT60-1B	35.5"	35.5"	35.5"

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS

Outdoor Unit	Indoor Unit	Cooling Capacity			Heating Capacity (BTU/h)			ARI #
		BTU/h	SEER ¹	EER ²	High	HSPF ³	Low	
CPLT24-1*	ADPF18241A*	22,800	13	11.6	23,000	7.7	11,500	891898
	AEPF18301A*	22,800	14	12.6	23,000	7.8	11,500	893769
	AEPF30361A*	23,400	14	12.6	23,400	8	11,800	892883
	AEPT030-00*-1*	22,800	14	12.6	23,000	7.5	11,500	517455
	AEPT036-00*-1*	23,400	14	12.6	23,400	8	11,800	555794
	ARPF036-00B-1*	22,800	13	11.6	23,000	7.7	11,500	575623
	ARPF18241A*	22,800	13	11.6	23,000	7.7	11,500	892814
	ARPT032-00*-1*	22,800	13	11.6	23,000	7.7	11,500	517453
	ARUF032-00*-1*	22,800	13	11.6	23,000	7.7	11,500	517452
	ARUF18241A*	22,800	13	11.6	23,000	7.7	11,500	891789
	CA*F030*2*+EEP	22,800	13	11.6	23,000	7.3	11,500	516876
	CA*F042*2*+EEP	22,800	13	11.6	23,000	7.3	11,500	516871
	CA*F1824*6A*+EEP	22,800	13	11.6	23,000	7.7	11,500	893754
	CA*F3131*6A*+EEP	22,800	13	11.6	23,000	7.7	11,500	893768
	CHPF030A2*+EEP	22,800	13	11.6	23,000	7.3	11,500	516906
	CHPF042B2*+EEP	22,800	13	11.6	23,000	7.3	11,500	516884
	CHPF1824A6A*+EEP	22,800	13	11.6	23,000	7.7	11,500	893762
	CHPF2430B6A*+EEP	22,800	13	11.6	23,000	7.7	11,500	893745
	CSCF1824N6A*+EEP	22,800	13	11.6	23,000	7.7	11,500	893742
	H36F+EEP	22,800	13	11.6	23,000	7.5	11,500	516899
CPLT30-1*	ADPF18241A*	29,000	13	11.6	30,000	8	18,000	892462
	AEPF18301A*	29,000	13.5	12	30,000	8	18,000	892225
	AEPF30361A*	30,000	14	12.6	31,000	8.5	19,000	892971
	AEPT030-00*-1*	29,000	13.5	12	30,000	8	18,000	517448
	AEPT036-00*-1*	30,000	14	12.6	31,000	8.5	19,000	517462
	ARPF036-00B-1*	29,000	13	11.6	30,000	8	18,000	575619
	ARPF18241A*	29,000	13	11.6	30,000	8	18,000	893130
	ARPT032-00*-1*	29,000	13	11.6	30,000	8	18,000	517463
	ARUF032-00*-1*	29,000	13	11.6	30,000	8	18,000	517458
	ARUF18241A*	29,000	13	11.6	30,000	8	18,000	891594
	CA*F030*2*+EEP	30,000	13	11.6	30,000	7.8	18,000	516885
	CA*F042*2*+EEP	30,000	13	11.6	30,000	7.8	18,000	516882
	CA*F1824*6A*+EEP	30,000	13	11.6	30,000	7.8	18,000	891856
	CA*F3131*6A*+EEP	30,000	13	11.6	30,000	7.8	18,000	892806
	CHPF030A2*+EEP	30,000	13	11.6	30,000	7.8	18,000	516895
	CHPF042B2*+EEP	30,000	13	11.6	30,000	7.8	18,000	516901
	CHPF1824A6A*+EEP	30,000	13	11.6	30,000	7.8	18,000	892265
	CHPF2430B6A*+EEP	30,000	13	11.6	30,000	7.8	18,000	891997
	CSCF1824N6A*+EEP	29,000	13	11.6	30,000	7.8	18,000	892227
	H36F+EEP	29,000	13	11.6	30,000	7.8	18,000	516905

¹ Seasonal Energy Efficiency Ratio

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

³ HSPF = Heating Seasonal Performance Factor

Notes:

- Order the EEP from the Service Department using Part No. B13707-38 or new Solid State Board B13707-35S.

Part No. B13707-38 is not interchangeable with B13707-35S.

- XX designates electric heat quantity

- When mix-matching outdoor and indoor units, the indoor unit check flowrator must match the outdoor unit size.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Unit	Cooling Capacity			Heating Capacity (BTU/h)			ARI #
		BTU/h	SEER ¹	EER ²	High	HSPF ³	Low	
CPLT36-1*	ADPF30421A*	35,000	13	11.6	36,000	8	20,000	891773
	AEPF30361A*	35,000	14	12.6	37,000	8.5	21,000	892936
	AEPT036-00*-1*	35,000	14	12.6	37,000	8.5	21,000	517460
	ARPF048-00B-1*	35,000	13	11.6	36,000	8	20,000	575621
	ARPF36421A*	35,000	13	11.6	36,000	8	20,000	893052
	ARPT049-00*-1*	35,000	13	11.6	36,000	8	20,000	517461
	ARUF048-00*-1*	35,000	13	11.6	36,000	8	20,000	517447
	ARUF049-00*-1*	35,000	13	11.6	36,000	8	20,000	531807
	ARUF36421A*	35,000	13	11.6	36,000	8	20,000	893002
	CA*F048*2*+EEP	35,000	13	11.6	36,000	8	20,000	516909
	CA*F3636*6A*+EEP	35,000	13	11.6	36,000	8	20,000	892456
	CHPF048D2*+EEP	35,000	13	11.6	36,000	8	20,000	516894
	CHPF3642D6A*+EEP	35,000	13	11.6	36,000	8	20,000	892179
	CSCF3642N6A*+EEP	35,000	13	11.6	36,000	8	20,000	892886
	H60F+EEP	35,000	13	11.6	36,000	8	20,000	516910
CPLT42-1*	ADPF30421A*	39,000	13	11.6	40,000	8.4	22,400	892992
	AEPF42601A*	40,000	14	12.6	41,000	8.5	23,000	892786
	AEPT060-00*-1*	40,000	14	12.6	41,000	8.5	23,000	517459
	ARPF048-00B-1*	39,000	13	11.6	40,000	8.4	22,400	575620
	ARPF36421A*	39,000	13	11.6	40,000	8.4	22,400	892844
	ARPT049-00*-1*	39,000	13	11.6	40,000	8.4	22,400	517450
	ARUF049-00*-1*	39,000	13	11.6	40,000	8.4	22,400	517457
	ARUF36421A*	39,000	13	11.6	40,000	8.4	22,400	893037
	CA*F060*2*+EEP	39,000	13	11.6	40,000	8.4	22,400	516929
	CA*F3642*6A*+EEP	39,000	13	11.6	40,000	8.4	22,400	893741
	CHPF060D2*+EEP	39,000	13	11.6	40,000	8.4	22,400	516913
	CHPF4860D6A*+EEP	39,000	13	11.6	40,000	8.4	22,400	893761
	CSCF4860N6A*+EEP	39,000	13	11.6	40,000	8.4	22,400	892892
	H61F+EEP	39,000	13	11.6	40,000	8.4	22,400	516912
CPLT48-1*	AEPF42601A*	46,500	13.5	12	46,000	8.6	30,400	892537
	AEPT060-00*-1*	46,500	13.5	12	46,000	8.6	30,400	517451
	ARPF061-00B-1*	46,500	13	11.6	46,000	8.5	30,400	575616
	ARPF48601A*	46,500	13	11.6	46,000	8.5	30,400	892199
	ARPT061-00*-1*	46,500	13	11.6	46,000	8.5	30,400	517449
	ARUF061-00*-1*	46,500	13	11.6	46,000	8.5	30,400	517454
	ARUF48601A*	46,500	13	11.6	46,000	8.5	30,400	892025
	CA*F048*2*+EEP	42,500	12	10.6	42,000	8	28,000	516928
	CA*F060*2*+EEP	43,500	12.5	11	43,000	8.2	28,000	516916
	CHPF060D2*+EEP	46,000	13	11.6	45,000	8.4	33,000	516914
	CHPF4860D6A*+EEP	46,000	13	11.6	45,000	8.4	33,000	893758
	CSCF4860N6A*+EEP	46,000	13	11.6	45,000	8.4	30,000	892807
	H61F+EEP	46,000	13	11.6	45,000	8.4	30,000	516923

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Unit	Cooling Capacity			Heating Capacity (BTU/h)			ARI #
		BTU/h	SEER ¹	EER ²	High	HSPF ³	Low	
CPLT60-1*	ADPF48601A*	55,000	13	11.6	55,000	8.4	35,000	892131
	AEPF42601A*	55,000	13	11.6	55,000	8.5	35,000	893051
	AEPT060-00*-1*	55,000	13	11.6	55,000	8.5	35,000	517446
	ARPF060-00B-1*	55,000	13	11.6	55,000	8.4	35,000	575618
	ARPF48601A*	55,000	13	11.6	55,000	8.4	35,000	891998
	ARPT061-00*-1*	55,000	13	11.6	55,000	8.4	35,000	518833
	ARUF061-00*-1*	55,000	13	11.6	55,000	8.4	35,000	517445
	ARUF48601A*	55,000	13	11.6	55,000	8.4	35,000	892123
	CA*F061*2*+EEP	54,000	13	11.6	54,000	8.4	34,000	516921
	CA*F4860*6A*+EEP	54,000	13	11.6	54,000	8.4	34,000	893773
	CHPF060D2*+EEP	54,000	13	11.6	54,000	8.4	34,000	516925
	CHPF4860D6A*+EEP	54,000	13	11.6	54,000	8.4	34,000	893756
	CSCF4860N6A*+EEP	54,000	13	11.6	54,000	8.4	34,000	891731
	H61F+EEP	54,000	13	11.6	54,000	8.4	34,000	516927

¹ Seasonal Energy Efficiency Ratio

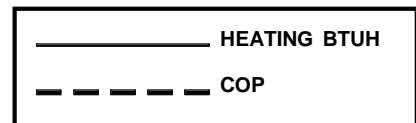
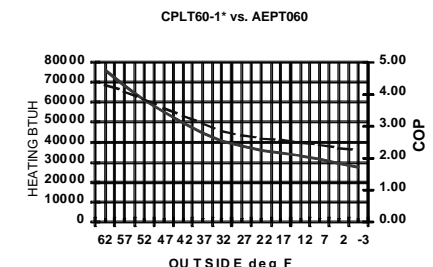
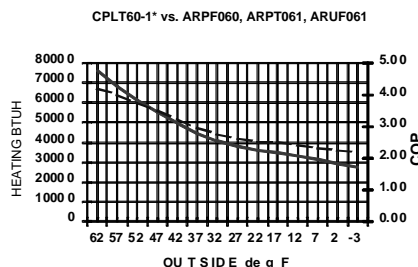
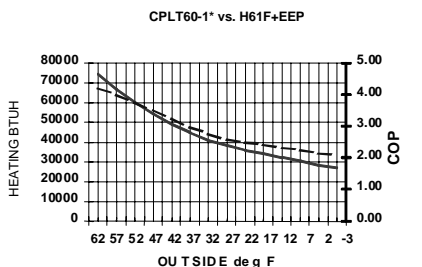
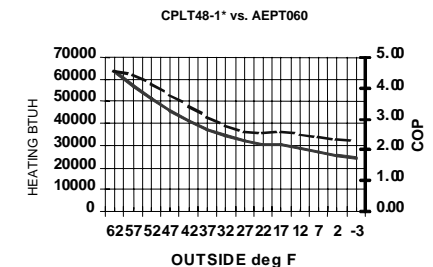
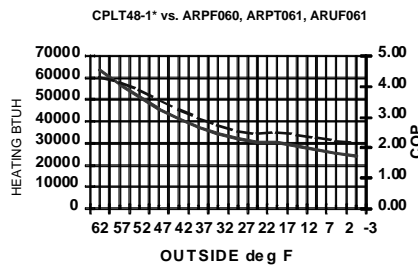
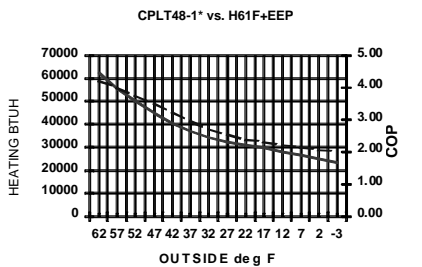
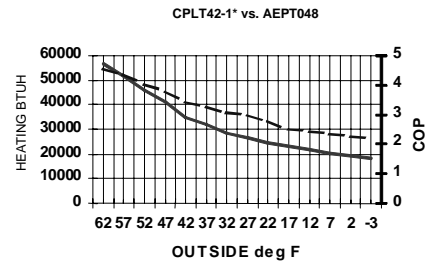
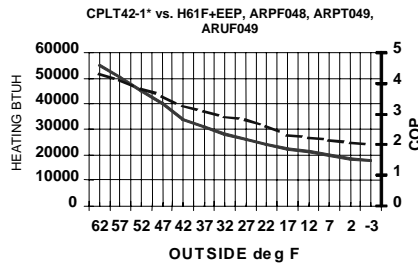
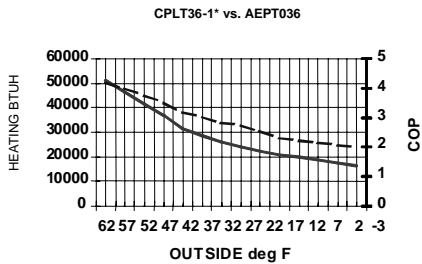
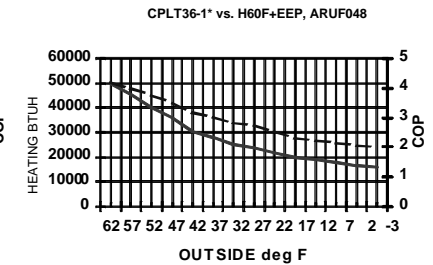
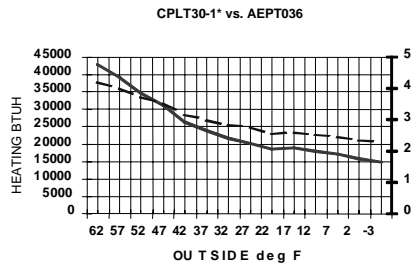
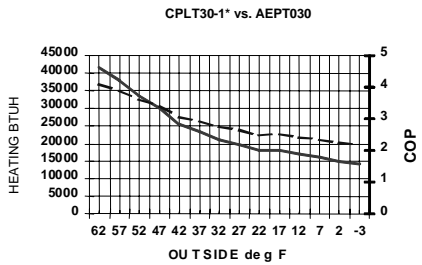
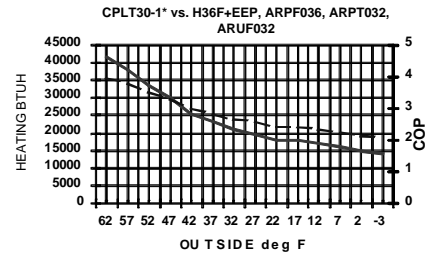
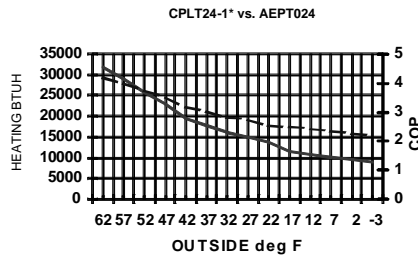
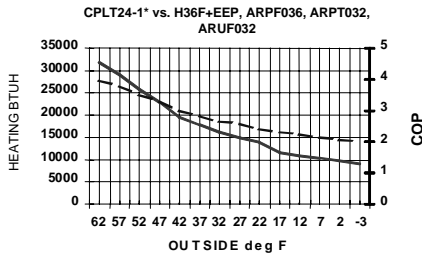
² Energy Efficiency Ratio @ 80 °F/67 °F/95 °F

³ HSPF = Heating Seasonal Performance Factor

Notes:

- Order the EEP from the Service Department using Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S.
- XX designates electric heat quantity
- When mix-matching outdoor and indoor units, the indoor unit check flowrator must match the outdoor unit size.

HEATING PERFORMANCE EXPANDED RATINGS @ 70 °F INDOOR AMBIENT



PRODUCT SPECIFICATIONS

ACCESSORIES

Model	Description
HPT18-60	Standard Room Thermostat with 1-stage cool/2-stage heat
CHTP18-60HD	Digital Room Thermostat with 1-stage cool/2-stage heat
OT/EHR18-60	Outdoor Lockout Thermostat/Emergency Heat Relay kit for staging electric heat
OT18-60 ¹	Outdoor Thermostat

¹ Required for heat pump applications where ambient temperatures fall below 0 °F with 50% or higher relative humidity.



Air Conditioning & Heating

Goodman Manufacturing Company, L.P., reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

*Copyright © 2006 • Goodman Manufacturing Company, L.P. • Houston, Texas
Goodman® brand products are proudly made in the USA.
Printed in the USA.*