

PRODUCT SPECIFICATIONS

CPLE SERIES 10 SEER

Split System Heat Pump

1½ to 5 Ton



Air Conditioning & Heating



The CPLE split system heat pump is designed for ground-level or rooftop mount application.

Standard Features

- Energy-efficient compressor with internal high-pressure relief
- Louvered guard protects coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Quiet operating top discharge
- Totally enclosed and permanently lubricated condenser motor
- Copper tube, aluminum fin coil
- Brass liquid and suction service valves with sweat connections
- Fully charged for 15' of tubing length
- Factory-installed bi-flow liquid line filter drier
- Discharge line muffler
- Suction line accumulator
- Check-flowrate expansion device
- Time initiated, temperature-terminate defrost
- Low-pressure control for loss of charge protection
- Crankcase heater (where indicated)

Cabinet Construction

- Polyester powder paint provides premium durability and improved UV protection
- Heavy gauge, zinc-clad, G90 galvanized steel
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds

Air Handler and Coil Compatibilities

- ARUE, ARPT and AEPT multi-position electric heat air handlers
- ARPF dedicated downflow electric heat air handler
- AWB vertical wall-mounted electric heat air handler
- AH vertical wall-mounted hydronic heat air handler
- AC ceiling-mounted electric heat air handler
- ACHP ceiling-mounted hydronic heat air handler
- MBR/MBE modular blower
- CA, CH and H indoor coils

Accessories

- Standard Room Thermostat with 1-stage cool/2-stage heat (HPT18-60)
- Digital Room Thermostat with 1-stage cool/2-stage heat (CHTP18-60HD)
- Outdoor Lockout Thermostat/Emergency Heat Relay Kit for staging electric heat (OT/EHR18-60)
- Outdoor Thermostat (OT18-60); required for all heat pumps if outdoor ambient temperature is 0°F with 50% or higher relative humidity



PRODUCT SPECIFICATIONS

Specifications

Model	Service Valve		Type	Approximate Shipping Weight (pounds)
	Liquid	Suction		
CPLE18-1B/-1C	3/8"	3/4"	Sweat	127
CPLE24-1B/-1C	3/8"	3/4"	Sweat	137
CPLE30-1A/-1C	3/8"	3/4"	Sweat	140
CPLE36-1A/-1C	3/8"	3/4"	Sweat	152
CPLE42-1B/-1C	3/8"	7/8"	Sweat	162
CPLE48-1A/-1C	3/8"	7/8"	Sweat	178
CPLE48-3A/-3C	3/8"	7/8"	Sweat	178
CPLE60-1/-1C	3/8"	7/8"	Sweat	210
CPLE60-3/-3C	3/8"	7/8"	Sweat	210

Electrical Data

Model	Volts	Ph	Hz	Minimum Circuit Amps ¹	Maximum Overcurrent Protection ²	Minimum Volts	Maximum Volts	Compressor		Condenser Fan	
								RLA	LRA	FLA	HP
*CPLE18-1B/-1C	208/230	1	60	13.1	20	197	253	9.4	49	1.3	1/6
*CPLE24-1B/-1C	208/230	1	60	17.6	30	197	253	13.0	56	1.3	1/6
*CPLE30-1A/-1C	208/230	1	60	18.4	30	197	253	13.7	75	1.3	1/6
*CPLE36-1A/-1C	208/230	1	60	22.1	30	197	253	16.2	96	1.8	1/4
*CPLE42-1B/-1C	208/230	1	60	23.2	40	197	253	17.1	105	1.8	1/4
*CPLE48-1A/-1C	208/230	1	60	24.6	40	197	253	18.3	102	1.8	1/4
*CPLE48-3A/-3C	208/230	3	60	17.6	30	197	253	12.6	91	1.8	1/4
**CPLE60-1/-1C	208/230	1	60	33.1	50	197	253	25.0	150	1.8	1/4
**CPLE60-3/-3C	208/230	3	60	21.1	30	197	253	15.4	124	1.8	1/4

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

2) May use fuses or HACR type Circuit Breakers of the same size as noted

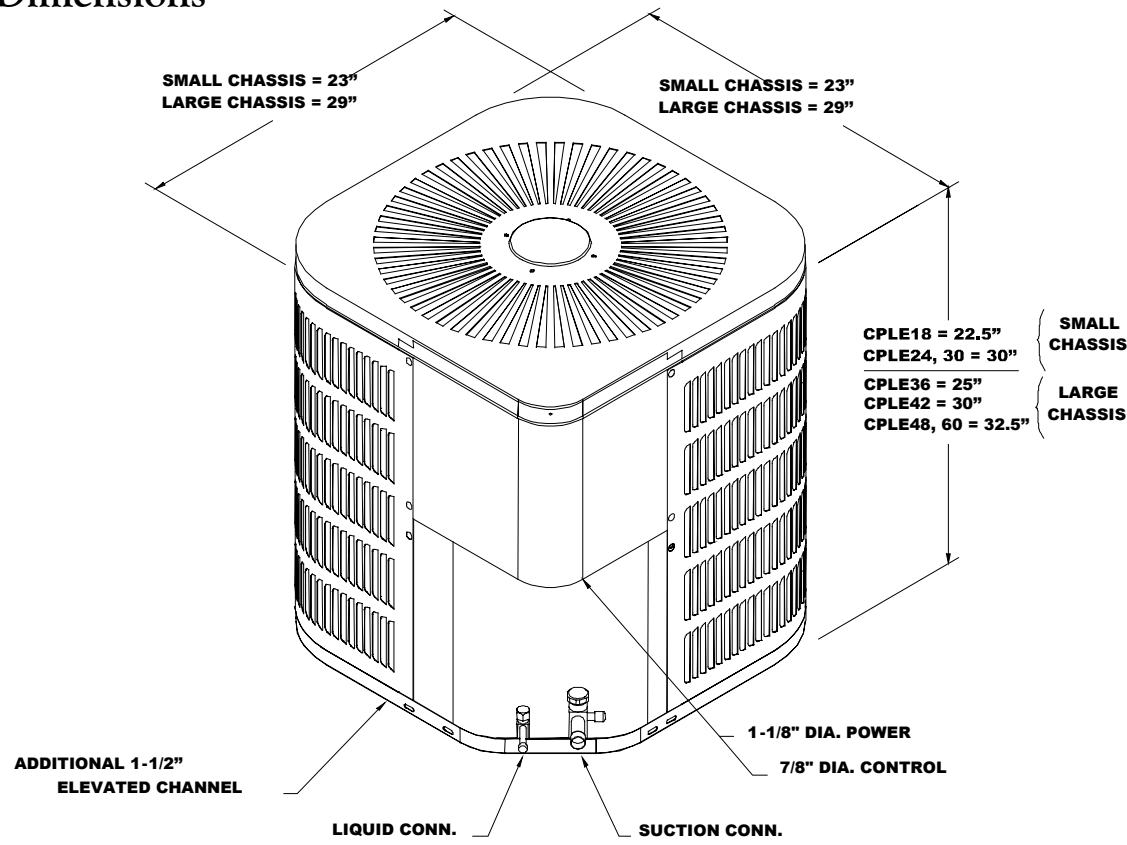
3) The *-C models are painted Architectural Gray. All other models are painted Bahama Beige.

* With Crankcase Heat

**Uses Scroll Compressor

PRODUCT SPECIFICATIONS

Dimensions



PRODUCT SPECIFICATIONS

Performance Ratings

Model Outdoor Section	Model Indoor Section	Total Cooling BTUH (1)	Sensible Cooling BTUH	(2) BTUH @ 75 F / 63 F-95F		Cooling SEER	Cooling EER (3)	Heating BTUH 47 F	Heating COP 47 F	Heating BTUH 17f	Heating COP 17 F	Heating HSPF	Decibels
				Total	Sens								
CPLE18-1B/-1C	AH18	16,200	11,400	15,700	10,800	10.00	9.00	16,000	3.00	10,200	2.20	6.80	77
	AC18-XX	16,200	11,400	15,700	10,800	10.00	9.00	16,000	3.00	9,200	2.20	6.80	
	AWB18-XX	16,200	11,400	15,700	10,800	10.00	9.00	17,000	3.00	10,200	2.20	6.80	
	ARUF018	17,000	11,700	15,700	10,800	10.00	9.00	17,400	3.00	10,600	2.20	6.80	
	HT1830/U18/UC18+EEP	17,000	11,700	15,700	10,800	10.00	9.00	17,400	3.00	10,600	2.20	6.80	
	AWB24-XX	17,000	12,600	16,400	12,100	10.50	9.50	17,600	3.00	10,600	2.20	6.80	
	AH24/ARUF024/ARPT024	17,400	13,000	16,400	12,100	10.50	9.50	18,000	3.00	11,000	2.20	7.00	
	ARPF024	17,400	13,000	16,400	12,100	10.50	9.50	17,000	3.00	11,000	2.20	7.00	
	HT3236/H36F+EEP	17,400	13,000	16,400	12,100	10.50	9.50	18,000	3.00	11,000	2.20	7.00	
	UC29/U29+EEP	17,400	13,000	16,400	12,100	10.50	9.50	18,000	3.00	11,000	2.20	7.00	
	CA*F018*2A+EEP	17,000	11,700	15,700	10,800	10.00	9.00	17,400	3.00	10,600	2.20	6.80	
	CA*F024*2A+EEP	17,400	13,000	16,400	12,100	10.50	9.50	18,000	3.00	11,000	2.20	7.00	
	CHPF024A2A+EEP	17,000	11,700	15,700	10,800	10.00	9.00	17,400	3.00	10,600	2.20	6.80	
	CHPF030A2A+EEP	17,400	13,000	16,400	12,100	10.50	9.50	18,000	3.00	11,000	2.20	7.00	
CPLE24-1B/-1C	AH24	21,800	16,000	22,500	15,500	10.00	9.00	21,400	3.00	12,400	2.00	7.00	77
	AC24-XX	21,800	16,000	22,500	15,500	10.00	9.00	21,400	3.00	12,000	2.00	6.80	
	AWB24-XX	21,800	16,000	22,500	15,500	10.00	9.00	21,800	3.00	12,400	2.00	7.00	
	ARUF024/ARPT024	22,000	16,400	22,500	15,500	10.00	9.00	22,000	3.00	12,800	2.00	7.00	
	ARPF024	22,000	16,400	22,500	15,500	10.00	9.00	21,000	3.00	12,800	2.00	7.00	
	HT1830/U29/UC29+EEP	22,000	16,400	22,500	15,500	10.00	9.00	22,000	3.00	12,800	2.00	7.00	
	AH30/AWB30-XX/ARUF030	22,400	17,000	22,100	16,100	10.00	9.00	22,400	3.00	13,000	2.00	7.00	
	U30+EEP	22,400	17,000	22,100	16,100	10.00	9.00	22,400	3.00	13,000	2.00	7.00	
	AWB36-XX/ARUF032/ARPT032	22,800	17,400	22,500	16,300	10.50	9.50	22,800	3.00	13,000	2.00	7.00	
	AC30-XX	22,800	17,400	22,500	16,300	10.50	9.50	22,800	3.00	13,000	2.00	7.00	
	U31/U32/UC32+EEP	22,800	17,400	22,500	16,300	10.50	9.50	22,800	3.00	13,000	2.00	7.00	
	HT3236/H36F+EEP	22,800	17,400	22,500	16,300	10.50	9.50	22,800	3.00	13,000	2.00	7.00	
	CA*F024*2A+EEP	22,000	16,400	22,500	15,500	10.00	9.00	22,000	3.00	12,800	2.00	7.00	
	CA*F030*2A+EEP	22,800	17,400	22,500	16,300	10.50	9.50	22,800	3.00	13,000	2.00	7.00	
	CHPF024A2A+EEP	22,000	16,400	22,500	15,500	10.00	9.00	22,000	3.00	12,800	2.00	7.00	
	CHPF030A2A+EEP	22,800	17,400	22,500	16,300	10.50	9.50	22,800	3.00	13,000	2.00	7.00	
CPLE30-1A/-1C	AC30-XX	27,000	19,000	26,800	18,000	10.00	9.00	26,000	3.00	15,000	2.00	6.80	77
	HT3236/U29/UC29+EEP	27,000	19,000	26,800	18,000	10.00	9.00	27,000	3.00	16,000	2.00	6.80	
	AWB30-XX	27,400	19,400	27,000	18,400	10.00	9.00	28,000	3.00	16,000	2.00	6.80	
	ARUF030	27,400	19,400	27,000	18,400	10.00	9.00	28,000	3.00	16,600	2.00	6.80	
	U30+EEP	27,400	19,400	27,000	18,400	10.00	9.00	28,000	3.00	16,600	2.00	6.80	
	H36F+EEP	27,400	19,400	27,000	18,400	10.50	9.50	28,000	3.00	16,600	2.00	6.80	
	AWB36-XX/ARUF032/ARPT032	28,000	21,000	27,800	20,200	10.50	9.50	28,600	3.00	17,000	2.00	7.00	
	ARPF036	28,000	21,000	27,800	20,200	10.50	9.50	28,600	3.00	17,000	2.00	7.00	
	HT4248/U31/H48F+EEP	28,000	21,000	27,800	20,200	10.50	9.50	28,300	3.00	17,000	2.00	7.00	
	U32/UC32+EEP	28,000	21,000	27,800	20,200	10.50	9.50	28,600	3.00	17,000	2.00	7.00	
	CA*F024*2A+EEP	27,000	19,000	26,800	18,000	10.00	9.00	27,000	3.00	16,000	2.00	6.80	
	CA*F030*2A+EEP	28,000	21,000	27,800	20,200	10.50	9.50	29,000	3.00	17,000	2.00	7.00	
	CHPF030A2A+EEP	27,000	19,000	26,800	18,000	10.00	9.00	27,000	3.00	16,000	2.00	6.80	
	CHPF042B2A+EEP	28,000	21,000	27,800	20,200	10.50	9.50	29,000	3.00	17,000	2.00	7.00	
CPLE36-1A/-1C	HT36/U35/UC35+EEP	32,000	22,500	30,600	23,000	10.00	9.00	33,000	3.00	17,600	2.00	7.00	80
	AC36-XX/ARPF036	32,600	22,900	31,150	23,400	10.00	9.00	31,000	2.80	17,000	2.00	6.80	
	AWB36-XX/ARUF036/ARPT036	33,000	23,400	31,500	23,800	10.00	9.00	33,000	3.10	18,600	2.10	7.30	
	HT3236/U36/UC36+EEP	33,000	23,400	31,500	23,800	10.00	9.00	33,000	3.10	18,600	2.10	7.30	
	HT4248+EEP	34,000	24,400	31,500	23,800	10.00	9.00	33,000	3.10	18,800	2.10	7.30	
	ARUF042/ARPT042	35,000	26,200	32,300	25,500	10.50	9.50	34,200	3.20	18,800	2.10	7.50	
	U42/UC42/H49F+EEP	35,000	26,200	32,300	25,500	10.50	9.50	33,200	3.20	18,800	2.10	7.50	
	CA*F036*2A+EEP	33,000	23,200	31,500	23,800	10.00	9.00	33,000	3.10	18,600	2.10	7.30	
	CA*F042*2A+EEP	35,000	26,200	32,300	25,500	10.50	9.50	33,200	3.20	18,800	2.10	7.50	
	CHPF030A2A+EEP	33,000	23,400	31,500	23,800	10.00	9.00	33,000	3.10	18,600	2.10	7.30	
	CHPF036B2A+EEP	32,000	22,500	30,600	23,000	10.00	9.00	33,000	3.00	17,600	2.00	7.00	
	CHPF042B2A+EEP	34,000	24,400	31,500	23,800	10.00	9.00	33,200	3.10	18,800	2.10	7.30	

- 1) Certified per ARI 240 @ 80 °F/67 °F/95 °F
- 2) TVA Rating
- 3) Seasonal Energy Efficiency Ratio
- 4) Energy Efficiency Ratio @ 80 °F/67 °F/95 °F
- 5) HSPF = Heating Seasonal Performance Factor
- 6) 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.

When mix-matching outdoor and indoor units, the indoor unit check-flowrator must match the outdoor unit size.
See the AR series air handler for coil instructions.

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Model Outdoor Section	Model Indoor Section	Total Cooling BTUH (1)	Sensible Cooling BTUH	(2) BTUH @ 75 F / 63 F-95F		Cooling SEER	Cooling EER (3)	Heating BTUH 47 F	Heating COP 47 F	Heating BTUH 17f	Heating COP 17 F	Heating HSPF	Decibels
				Total	Sens								
CPLE42-1B/-1C	HT4248/U47/UC47+EEP	39,000	29,000	37,000	28,700	10.00	9.00	39,000	3.00	20,000	2.00	7.30	80
	ARUF042/ARPT042	40,000	29,600	37,800	29,200	10.00	9.00	40,000	3.10	20,800	2.10	7.50	
	ARUF048	40,000	31,600	38,700	30,200	10.00	9.00	41,000	3.10	21,000	2.10	7.50	
	U49/UC49/U48/UC48+EEP	40,000	31,600	38,700	30,200	10.00	9.00	41,000	3.10	21,000	2.10	7.50	
	HT4860/H49F+EEP	41,000	31,600	38,700	30,200	10.50	9.50	41,000	3.10	21,000	2.10	7.50	
	ARPF048/ARUF049/ARPT049	41,000	31,800	38,700	30,200	10.50	9.50	41,500	3.30	22,000	2.20	7.50	
	CA*F048*2A+EEP	40,000	29,600	37,800	29,200	10.00	9.00	41,000	3.20	21,000	2.10	7.50	
	CHPF042B2A+EEP	39,000	29,000	37,000	28,700	10.00	9.00	39,000	3.00	20,000	2.00	7.30	
	CHPF048D2A+EEP	41,000	31,600	38,700	30,200	10.50	9.50	41,000	3.20	21,000	2.10	7.50	
CPLE48-1A/-1C	U62/UC62+EEP	45,000	34,300	42,300	32,000	10.00	9.00	44,000	3.00	25,000	2.00	7.50	80
	ARPF048/ARUF049/ARPT049	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	U60/UC60+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	HT4860/H60F+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	ARPF060/ARUF061/ARPT061	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
	U61/UC61+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
	HT61/H61F+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.20	26,000	2.15	7.50	
	CA*F060*2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	CA*F061*2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
	CHPF048D2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	CHPF060D2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
CPLE48-3A/-3C	U62/UC62+EEP	45,000	34,300	42,300	32,000	10.00	9.00	42,500	3.00	25,000	2.00	7.50	80
	ARPF048/ARUF049/ARPT049	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	U60/UC60+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	HT4860/H60F+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	ARPF060/ARUF061/ARPT061	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
	U61/UC61+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
	HT61/H61F+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.20	26,000	2.15	7.50	
	CA*F060*2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	CA*F061*2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
	CHPF048D2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	CHPF060D2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
CPLE60-1/-1C CPLE60-3/-3C	ARPF060/ARUF061/ARPT061	55,000	39,900	51,900	36,300	10.00	9.00	55,000	3.30	32,000	2.30	8.00	77
	H61F+EEP	55,000	39,900	51,900	36,300	10.00	9.00	55,000	3.30	32,000	2.30	8.00	
	HT61/U61/UC61+EEP	54,000	39,900	51,900	36,300	10.50	9.50	52,000	3.30	32,000	2.30	8.00	
	CA*F061*2A+EEP	54,000	39,900	51,900	36,300	10.00	9.00	52,000	3.30	32,000	2.30	8.00	
	CHPF060D2A+EEP	54,000	39,900	51,900	36,300	10.00	9.00	52,000	3.30	32,000	2.30	8.00	

- 1) Certified per ARI 240 @ 80 °F/67 °F/95 °F
- 2) TVA Rating
- 3) Seasonal Energy Efficiency Ratio
- 4) Energy Efficiency Ratio @ 80 °F/67 °F/95 °F
- 5) HSPF = Heating Seasonal Performance Factor
- 6) 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.

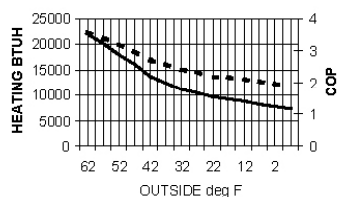
When mix-matching outdoor and indoor units, the indoor unit check-flowrator must match the outdoor unit size.

See the AR series air handler for coil instructions.

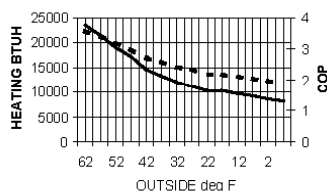
PRODUCT SPECIFICATIONS

Heating Performance Expanded Ratings @ 70 °F Indoor Ambient

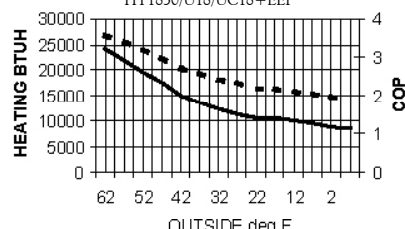
MODEL CPLE18-1* W: AC18-XX, AH18



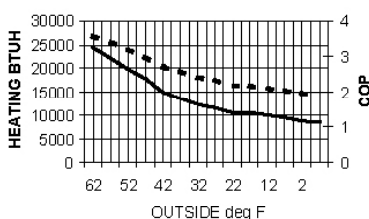
MODEL CPLE18-1* W: AWB18-XX



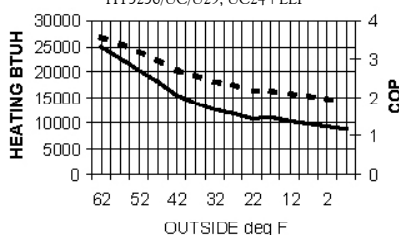
MODEL CPLE18-1* W: ARUF018, HT1830/U18/UC18+EEP



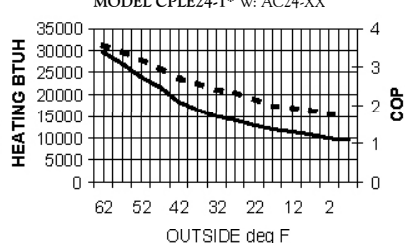
MODEL CPLE18-1* W: AWB24-XX



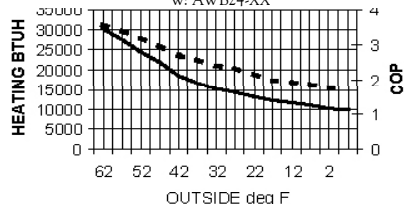
MODEL CPLE18-1* W: ARPF024/ARPT024, ARUF024, H36F+EEP, HT3236/UC/U29, UC24+EEP



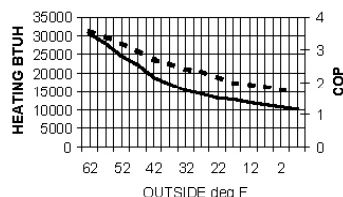
MODEL CPLE24-1* W: AC24-XX



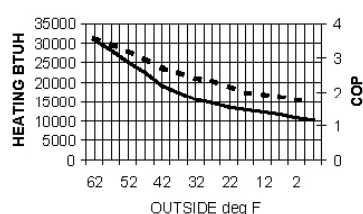
MODEL CPLE24-1* W: AWB24-XX



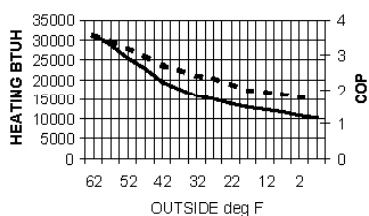
MODEL CPLE24-1* W: ARPF024, ARPT024, ARUF032, HT1830/U/UC29+EEP, CA*F024*2*/CHPF024A2*+EEP



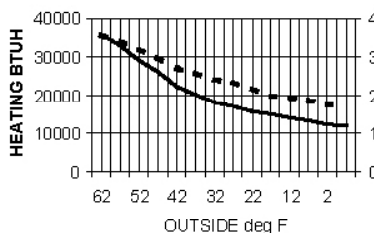
MODEL CPLE24-1* W: ARUF030, AWB30-XX, U30+EEP



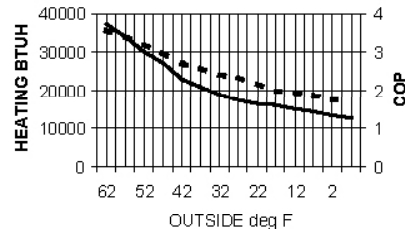
MODEL CPLE24-1* W: ARPF036/ARPT032, ARUF032, U31, U32, U32+EEP, HT3236/H36F+EEP, CA*F030*2*/CHPF030A2*+EEP



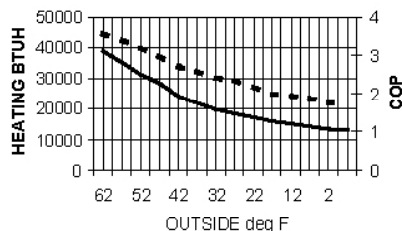
MODEL CPLE30-1* W: AC30-XX, AH30



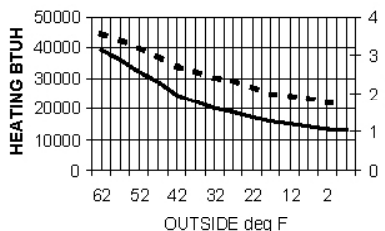
MODEL CPLE30-1* W: U/UC29+EEP, CA*F024*2*/CHPF030A2*+EEP



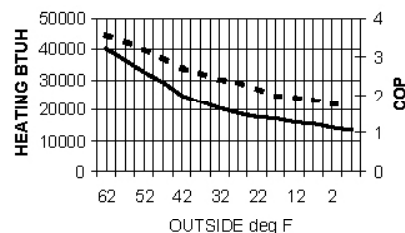
MODEL CPLE30-1* W: AWB30-XX



MODEL CPLE30-1* W: ARUF030, U30+EEP, HT3236/H36F+EEP

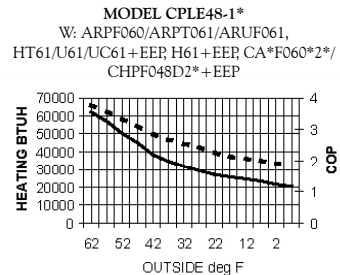
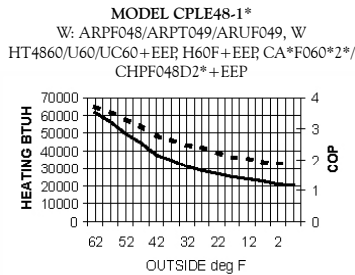
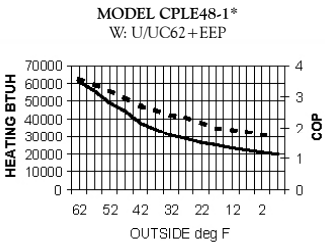
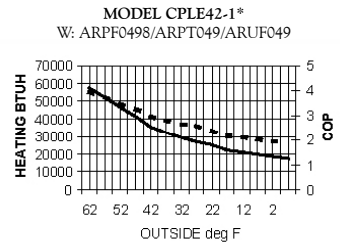
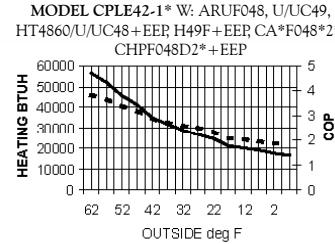
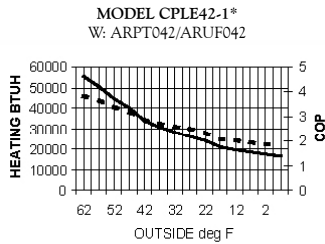
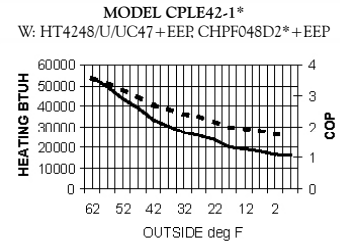
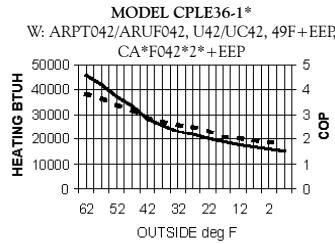
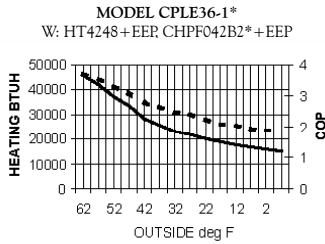
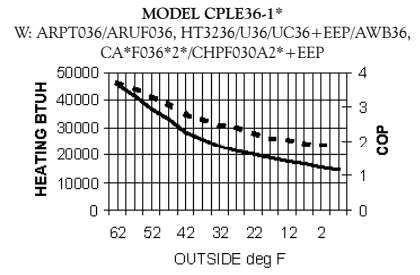
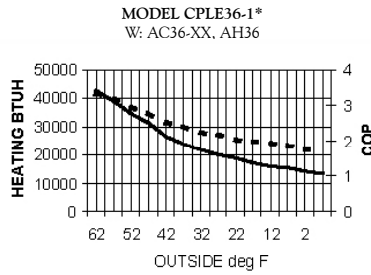
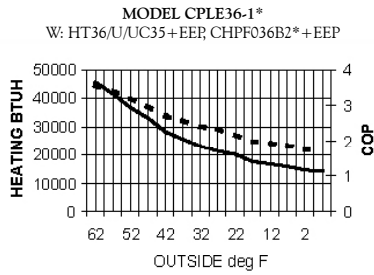


MODEL CPLE30-1* W: ARPF036/ARPT032, ARUF032, 31+EEP, HT4248/U/UC32+EEP, CA*F030*2*/CHPF030A2*+EEP

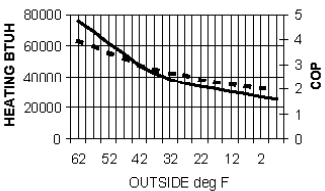


PRODUCT SPECIFICATIONS

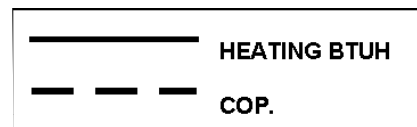
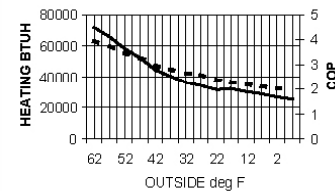
Heating Performance Expanded Ratings @ 70 °F Indoor Ambient (cont.)



MODEL CPLE60-1*/-3* W: ARPF060/ARPT061/ARUF061, H61F+EEP



MODEL CPLE60-1*/-3*
W: HT61/U/UC61+EEP, CA*F060*2*/CHPF048D2*+EEP





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