



CPRT SERIES
13 SEER

Split System
Heat Pump

2 to 5 Ton



Standard Features

- High-efficiency Copeland® scroll compressor
- Louvered guard protects coil from damage and adds strength to the unit
- Bottom pan rails elevate the unit above slab
- 8-pole, 850-RPM motor
- 4-bladed fan
- Copper tube, aluminum fin coil
- Brass liquid and suction service valves mounted at a 45° angle with sweat connections and service ports
- Fully charged for 15' of tubing length
- Factory-installed liquid line filter drier
- Discharge line muffler
- Suction line accumulator
- Check-flowrater expansion device
- Time-initiated, temperature-terminated defrost control
- Low-pressure control for loss-of-charge protection
- Contactor with lug connection
- Ground lug connection

Air Handler and Coil Compatibilities

- AEPT, ARPT and ARUF multi-position electric heat air handlers
- MBR/MBE modular blower
- CA, CH and H indoor coils

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

Accessories

- Standard Room Thermostat with 1-stage cool/2-stage heat (1213403)
- Digital Room Thermostat with 1-stage cool/2-stage heat (1213404)
- Programmable room thermostat with 1-stage cool / 2-stage heat: 1213410 (5 & 2) or 1213412 (7-day)
- 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		
CPRT24-1	3/8"	3/4"	Sweat	137
CPRT30-1	3/8"	3/4"	Sweat	142
CPRT36-1	3/8"	7/8"	Sweat	152
CPRT42-1	3/8"	7/8"	Sweat	162
CPRT48-1	3/8"	7/8"	Sweat	249
CPRT60-1	3/8"	7/8"	Sweat	337

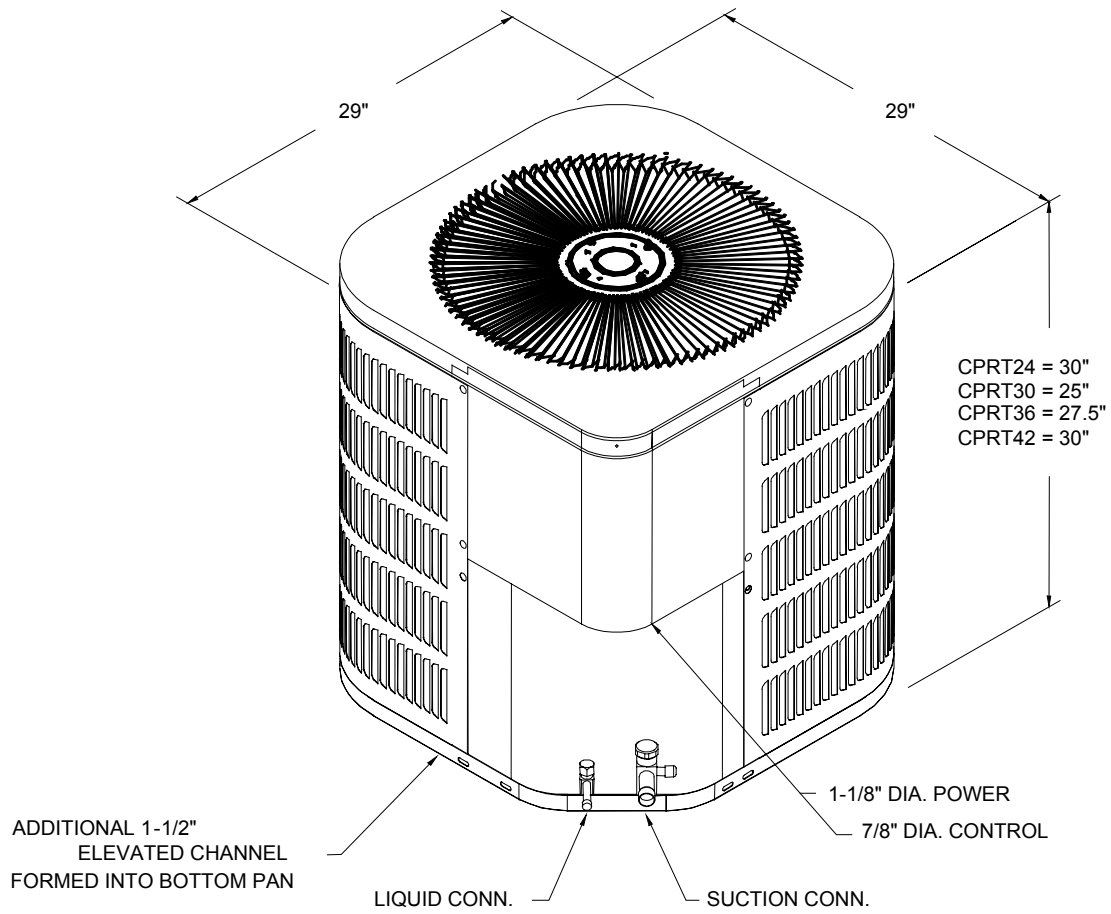
Electrical Data

Model	Volts	Ph	Hz		Maximum			Compressor		Condenser Fan	
								RLA	LRA	FLA	HP
CPRT24-1	208/230	1	60	14.5	20	197	253	10.9	54.0	.9	1/6
CPRT30-1	208/230	1	60	17.8	30	197	253	13.5	72.5	.9	1/6
CPRT36-1	208/230	1	60	20.1	30	197	253	14.8	83.0	1.6	1/4
CPRT42-1	208/230	1	60	23.0	40	197	253	17.1	95.0	1.6	1/4
CPRT48-1	208/230	1	60	24.6	40	197	253	18.4	109.0	1.6	1/4
CPRT60-1	208/230	1	60	29.2	50	197	253	22.1	137.0	1.6	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

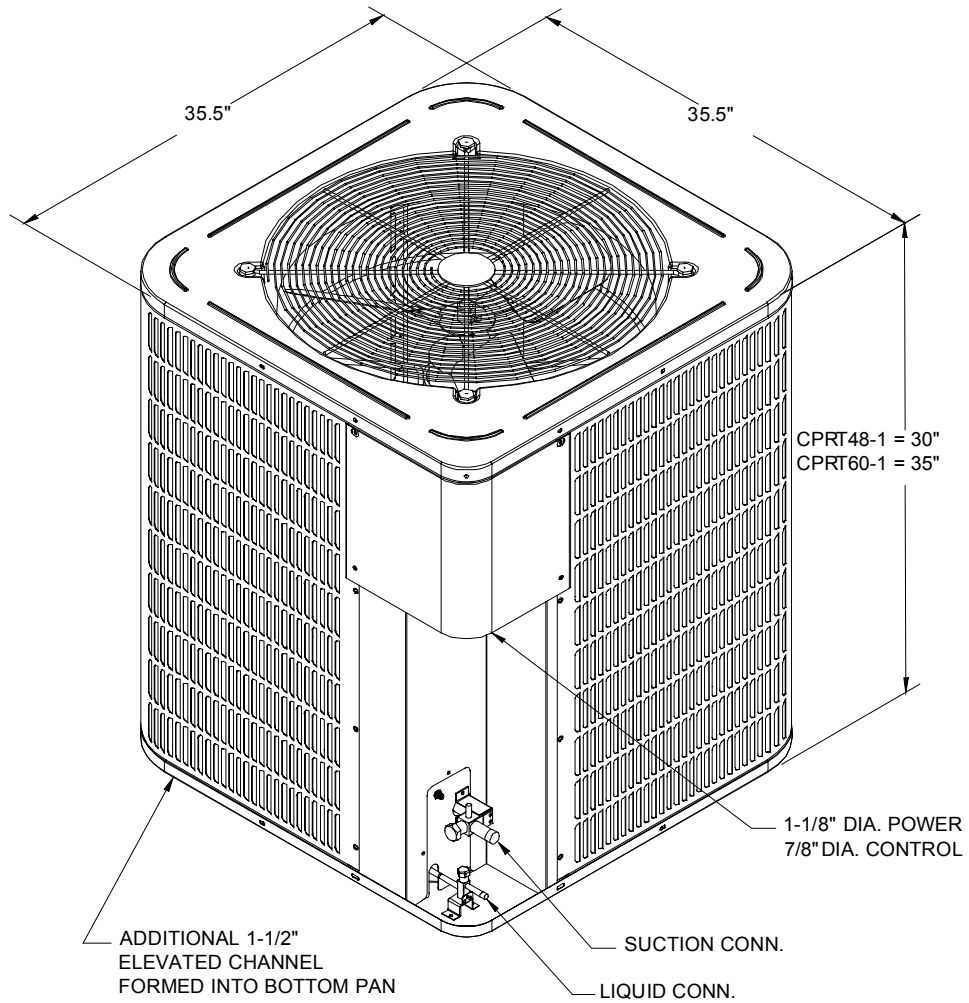
PRODUCT SPECIFICATIONS

Dimensions for CPRT24-42 Models



PRODUCT SPECIFICATIONS

Dimensions for CPRT48-60 Models



PRODUCT SPECIFICATIONS

Performance Ratings

Model	Coil / Air Handler	Cooling Capacity				Heating Capacity					ARI Ref. #
		Total BTUH	Sensible BTUH	SEER	EER	47°F BTUH	47°F COP*	HSPF	17°F BTUH	17°F COP*	
CPRT24-1	AEPT030-00*-1*	22,800	17,000	14	12.6	23,000	3.5	7.5	11,500	2.5	539694
	ARPT032-00*-1*	22,800	17,000	13	11.6	23,000	3.3	7.7	11,500	2.3	539735
	ARUF032-00*-1*	22,800	17,000	13	11.6	23,000	3.3	7.7	11,500	2.3	539765
	CA*F030*2*+EEP	22,800	17,000	13	11.6	23,000	3.3	7.3	11,500	2.28	539685
	CA*F042*2*+EEP	22,800	17,000	13	11.6	23,000	3.3	7.3	11,500	2.28	539746
	CHPF030A2*+EEP	22,800	17,000	13	11.6	23,000	3.3	7.3	11,500	2.28	539717
	CHPF042B2*+EEP	22,800	17,000	13	11.6	23,000	3.3	7.3	11,500	2.28	539808
	H36F+EEP	22,800	17,000	13	11.6	23,000	3.3	7.5	11,500	2.3	539771
CPRT30-1	AEPT030-00*-1*	29,000	22,300	13.5	12	30,000	3.42	8	18,000	2.52	539719
	AEPT036-00*-1*	30,000	26,000	14	12.5	31,000	3.5	8.5	19,000	2.6	539708
	ARPT032-00*-1*	29,000	22,300	13	11.6	30,000	3.3	8	18,000	2.4	539801
	ARUF032-00*-1*	29,000	22,300	13	11.6	30,000	3.3	8	18,000	2.4	539793
	CA*F030*2*+EEP	30,000	23,000	13	11.6	30,000	3.3	7.8	18,000	2.4	539762
	CA*F042*2*+EEP	30,000	23,000	13	11.6	30,000	3.3	7.8	18,000	2.4	539751
	CHPF030A2*+EEP	30,000	22,300	13	11.6	30,000	3.3	7.8	18,000	2.4	539757
	CHPF042B2*+EEP	30,000	22,300	13	11.6	30,000	3.3	7.8	18,000	2.4	539752
	H36F+EEP	29,000	22,300	13	11.6	30,000	3.3	7.8	18,000	2.4	539761
CPRT36-1	AEPT036-00*-1*	35,000	25,300	14	12.6	37,000	3.5	8.5	21,000	2.3	539780
	ARPT049-00*-1*	35,000	25,300	13	11.6	36,000	3.5	8	20,000	2.3	539787
	ARUF048-00*-1*	35,000	25,300	13	11.6	36,000	3.5	8	20,000	2.3	539809
	ARUF049-00*-1*	35,000	25,300	13	11.6	36,000	3.5	8	20,000	2.3	539775
	CA*F048*2*+EEP	35,000	25,300	13	11.6	36,000	3.48	8	20,000	2.28	539807
	CHPF048D2*+EEP	35,000	25,300	13	11.6	36,000	3.48	8	20,000	2.28	539736
	H60F+EEP	35,000	25,300	13	11.6	36,000	3.5	8	20,000	2.3	539792

1) Certified per ARI 210/240 @ 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.

* COP: Coefficient of Performance

XX designates electric heat quantity

Note: When mix-matching outdoor and indoor units, the indoor unit check-flow rator must match the outdoor unit size.

PRODUCT SPECIFICATIONS

Performance Ratings

Model	Coil / Air Handler	Cooling Capacity				Heating Capacity					ARI Ref. #
		Total BTUH	Sensible BTUH	SEER	EER	47°F BTUH	47°F COP*	HSPF	17°F BTUH	17°F COP*	
CPRT42-1	AEPT060-00*-1*	40,000	30,400	14	12.6	41,000	3.8	8.5	23,000	2.5	539742
	ARPT049-00*-1*	39,000	29,600	13	11.6	40,000	3.6	8.4	22,400	2.3	539709
	ARUF049-00*-1*	39,000	29,600	13	11.6	40,000	3.6	8.4	22,400	2.3	539802
	CA*F060*2*+EEP	39,000	29,600	13	11.6	40,000	3.6	8.4	22,400	2.28	539776
	CHPF060D2*+EEP	39,000	29,600	13	11.6	40,000	3.6	8.4	22,400	2.28	539723
	H61F+EEP	39,000	29,600	13	11.6	40,000	3.6	8.4	22,400	2.3	539806
CPRT48-1	AEPT060-00*-1*	46,500	33,500	13.5	12	46,000	3.5	8.6	30,400	2.6	531554
	ARPT061-00*-1*	46,500	33,500	13	11.6	46,000	3.5	8.5	30,400	2.5	531549
	ARUF061-00*-1*	46,500	33,500	13	11.6	46,000	3.5	8.5	30,400	2.5	531544
	CA*F048*2*+EEP	42,500	30,600	12	10.6	42,000	3.48	8	28,000	2.28	531542
	CA*F060*2*+EEP	43,500	31,400	12.5	11	43,000	3.48	8.2	28,000	2.28	531559
	CA*F061*2*+EEP	46,000	33,000	13	11.6	45,000	3.48	8.4	30,000	2.28	532778
	CHPF060D2*+EEP	46,000	33,000	13	11.6	45,000	3.48	8.4	33,000	2.28	531545
	H61F+EEP	46,000	33,000	13	11.6	45,000	3.5	8.4	30,000	2.3	531536
CPRT60-1	AEPT060-00*-1*	55,000	40,000	13	11.6	55,000	3.5	8.5	35,000	2.6	531533
	ARPT061-00*-1*	55,000	40,000	13	11.6	55,000	3.5	8.4	35,000	2.5	531532
	ARUF061-00*-1*	55,000	40,000	13	11.6	55,000	3.5	8.4	35,000	2.5	531547
	CA*F061*2*+EEP	54,000	39,400	13	11.6	54,000	3.4	8.4	34,000	2.4	531548
	CHPF060D2*+EEP	54,000	39,400	13	11.6	54,000	3.48	8.4	34,000	2.4	531551
	H61F+EEP	54,000	39,400	13	11.6	54,000	3.5	8.4	34,000	2.4	531541

1) Certified per ARI 210/240 @ 80 °F/67 °F/95 °F

2) TVA Rating

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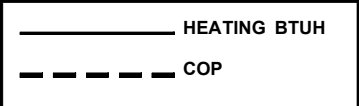
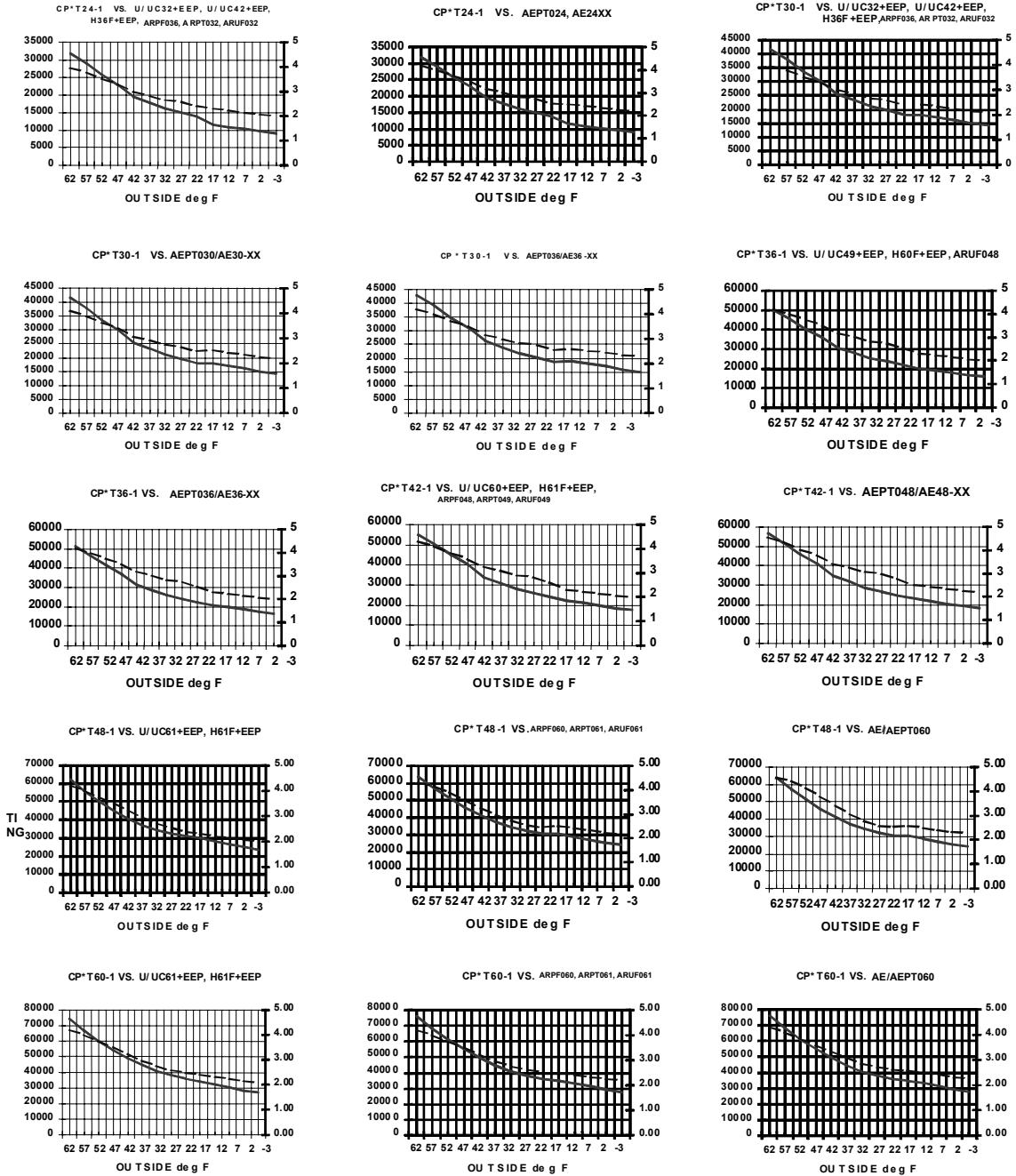
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Note: When mix-matching outdoor and indoor units, the indoor unit check-flow rator must match the outdoor unit size.

PRODUCT SPECIFICATIONS

Heating Performance Expanded Ratings @ 70 °F Indoor Ambient





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