

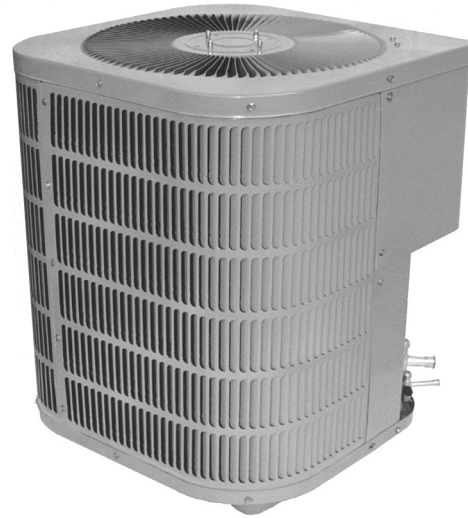


Air Conditioning & Heating

CKL SERIES
10 SEER

Split System
Air Conditioning

1½ and 5 Ton
[5.28 kW to 17.56 kW]



*The CKL outdoor condensing section
designed for ground-level or rooftop
mounting application.*



Standard Features

- Louvered guard protects coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Copper tube, aluminum fin coil construction
- Brass suction and liquid shut off valve with sweat connections
- Quiet operating top discharge
- Totally enclosed and permanently lubricated condenser motor
- Fully charged for 15' [4.57m] of tubing length
- Factory-installed liquid line filter drier
- Hermetically sealed compressor with internal high-pressure relief

Air Handler and Coil Compatibilities

- CA and CH indoor coils
- U, UC, H and HT fan-less indoor coils for heat pump or cooling applications
- ARPT, ARUF 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

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/1-stage heat (Model CHT18-60)
- Digital room thermostat with 1-stage cool/1-stage heat (CHTD18-60)
- Outdoor thermostats for staging/multi-staging indoor heating units (OT/EHR18-60)



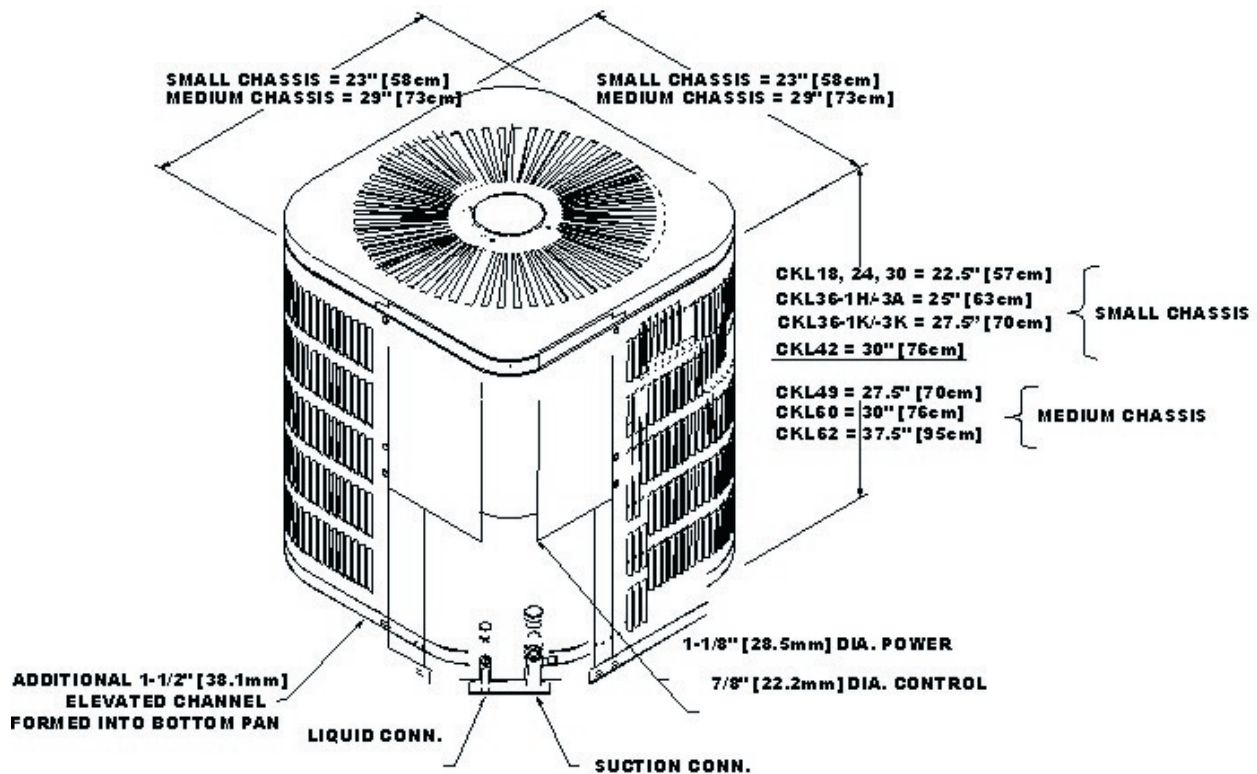
PRODUCT SPECIFICATIONS

Physical Data

Model	Liquid Connection	Suction Connection	Type	Approx. Shipping Weight
CKL18-1C	3/8" [9.5mm]	3/4" [19mm]	Sweat	125 lbs. [56.7kg]
CKL18-1D	3/8" [9.5mm]	3/4" [19mm]	Sweat	125 lbs. [56.7kg]
CKL24-1H	3/8" [9.5mm]	3/4" [19mm]	Sweat	127 lbs. [57.6kg]
CKL24-1K	3/8" [9.5mm]	3/4" [19mm]	Sweat	127 lbs. [57.6kg]
CKL30-1F	3/8" [9.5mm]	3/4" [19mm]	Sweat	130 lbs. [59.0kg]
CKL30-1G	3/8" [9.5mm]	3/4" [19mm]	Sweat	130 lbs. [59.0kg]
CKL36-1H	3/8" [9.5mm]	3/4" [19mm]	Sweat	142 lbs. [64.4kg]
CKL36-1K	3/8" [9.5mm]	3/4" [19mm]	Sweat	152 lbs. [68.9kg]
CKL36-3A	3/8" [9.5mm]	3/4" [19mm]	Sweat	142 lbs. [64.4kg]
CKL36-3K	3/8" [9.5mm]	3/4" [19mm]	Sweat	152 lbs. [68.9kg]
CKL42-1A	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	160 lbs. [72.6kg]
CKL42-1B	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	160 lbs. [72.6kg]
CKL49-1	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	176 lbs. [79.8kg]
CKL49-1A	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	176 lbs. [79.8kg]
CKL49-3	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	176 lbs. [79.8kg]
CKL49-3A	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	176 lbs. [79.8kg]
CKL60-1	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	208 lbs. [94.3 kg]
CKL60-3	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	208 lbs. [94.3 kg]
CKL60-4	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	208 lbs. [94.3 kg]
CKL62-1	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	258 lbs [117.0kg]

[] Designates metric equivalent

Dimensions



PRODUCT SPECIFICATIONS

Electrical Data

Model	Volts	Ph	Hz	Minimum Circuit Amps	Maximum Overcurrent Protection	Minimum Volts	Maximum Volts	Compressor		Condenser Fan	
								RLA	LRA	FLA	HP
CKL18-1C	208/230	1	60	12.6	20	197	253	9.0	45	1.3	1/6
CKL18-1D	208/230	1	60	11.9	20	197	253	8.5	49	1.3	1/6
CKL24-1H	208/230	1	60	16.4	20	197	253	12.1	57	1.3	1/6
CKL24-1K	208/230	1	60	13.6	20	197	253	9.8	56	1.3	1/6
CKL30-1F	208/230	1	60	18.9	30	197	253	14.1	73	1.3	1/6
CKL30-1G	208/230	1	60	18.4	30	197	253	13.7	75	1.3	1/6
CKL36-1H	208/230	1	60	22.8	40	197	253	17.2	96	1.3	1/6
CKL36-1K	208/230	1	60	22.8	40	197	253	17.2	84	1.3	1/6
CKL36-3A	208/230	3	60	14.2	20	197	253	10.3	75	1.3	1/6
CKL36-3K	208/230	3	60	14.1	20	197	253	10.2	84	1.3	1/6
CKL42-1A	208/230	1	60	24.2	40	197	253	18.3	102	1.3	1/6
CKL42-1B	208/230	1	60	22.8	40	197	253	17.2	115	1.3	1/6
CKL49-1	208/230	1	60	26.8	40	197	253	20.0	110	1.8	1/4
CKL49-1A	208/230	1	60	24.7	40	197	253	18.3	102	1.8	1/4
CKL49-3	208/230	3	60	17.8	30	197	253	12.8	78	1.8	1/4
CKL49-3A	208/230	3	60	17.6	30	197	253	12.6	91	1.8	1/4
**CKL60-1	208/230	1	60	33.1	50	197	253	25.0	150	1.8	1/4
**CKL60-3	208/230	3	60	21.1	30	197	253	15.4	124	1.8	1/4
**CKL60-4	460	3	60	10.1	15	414	506	7.4	59.6	0.8	1/4
**CKL62-1	208/230	1	60	36.4	60	197	253	27.1	144	2.5	1/3

* May use fuses or HACR type Circuit Breakers of the same size as noted.

** Uses scroll compressor

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

PRODUCT SPECIFICATIONS

Performance Ratings

Condenser	Evaporator Model (3)	Total BTUH [kW]		Sensible BTUH [kW]		SEER (1)	EER (2)	Decibels
CKL18-1C/1D	AC18-XX (4)	17000	[5.0]	12600	[3.7]	10.00	9.00	77
	AWB18-XX/ACHP1819-1	16800	[4.9]	12400	[3.6]	10.00	9.00	
	ARUF018	17000	[5.0]	12700	[3.7]	10.00	9.00	
	U18/UC18+EEP (5)	17000	[5.0]	12700	[3.7]	10.00	9.00	
	AH18	17400	[5.1]	12900	[3.8]	10.00	9.00	
	ARPF024/ARPT024/ARUF024	17400	[5.1]	13200	[3.9]	10.00	9.00	
	U29/UC29+EEP	17400	[5.1]	12700	[3.7]	10.00	9.00	
	HT1830/H24F+EEP	17400	[5.1]	13200	[3.9]	10.00	9.00	
	U31+EEP	18000	[5.3]	13100	[3.8]	10.50	9.50	
	ARPT032/ARUF032	18000	[5.3]	13500	[4.0]	10.50	9.50	
	AAPT030	18000	[5.3]	13500	[4.0]	11.00	10.00	
	HT3236/H36F/U32/UC32+EEP	18000	[5.3]	13500	[4.0]	10.50	9.50	
	CA*F018*2A+EEP	17000	[5.0]	12700	[3.7]	10.00	9.00	
	CA*F024*2A+EEP	17400	[5.1]	13200	[3.9]	10.00	9.00	
	CA*F030*2A+EEP	18000	[5.3]	13500	[4.0]	10.50	9.50	
	CHPF024A2A+EEP	17400	[5.1]	13200	[3.9]	10.00	9.00	
CHPF030A2A+EEP	18000	[5.3]	13500	[4.0]	10.50	9.50		
CKL24-1H/1K	ARPF024/ARPT024/ARUF024	23000	[6.7]	17200	[5.0]	10.00	9.00	77
	U29/UC29+EEP (5)	23000	[6.7]	17200	[5.0]	10.00	9.00	
	HT1830/H24F+EEP	23000	[6.7]	17200	[5.0]	10.00	9.00	
	AC24-XX (4)	23200	[6.8]	17200	[5.0]	10.00	9.00	
	AWB24-XX/ACHP2423-1/AH24	23200	[6.8]	17200	[5.0]	10.00	9.00	
	U31+EEP	24000	[7.0]	18400	[5.4]	10.50	9.50	
	U36/UC36/H36F+EEP	24000	[7.0]	18400	[5.4]	10.50	9.50	
	HT3236/U32/UC32+EEP	24000	[7.0]	18400	[5.4]	10.50	9.50	
	ARPT032/ARUF032	24000	[7.0]	18400	[5.4]	10.50	9.50	
	AAPT030	24000	[7.0]	18400	[5.4]	11.00	10.00	
	CA*F024*2A+EEP	23000	[6.7]	17200	[5.0]	10.00	9.00	
	CA*F030*2A+EEP	24000	[7.0]	18400	[5.4]	10.50	9.50	
	CA*F036*2A+EEP	24000	[7.0]	18400	[5.4]	10.50	9.50	
	CHPF024A2A+EEP	23000	[6.7]	17200	[5.0]	10.00	9.00	
CHPF030A2A+EEP	24000	[7.0]	18400	[5.4]	10.50	9.50		

(1) Seasonal Energy Efficiency Ratio

(2) Energy Efficiency Ratio @ 80°F/67°F [26.6°C/19.4°C] Inside - 95°F [35°C]

(3) 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.

(4) Note: XX of A Model Designate Electric Heat Quantity.

(5) 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.

[] Designates metric equivalents

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model (3)	Total BTUH [kW]		Sensible BTUH [kW]		SEER (1)	EER (2)	Decibels
CKL30-1F/1G	AWB30-XX (4)	27000	[7.9]	20000	[5.9]	10.00	9.00	77
	U29/UC29+EEP (5)	27000	[7.9]	20000	[5.9]	10.00	9.00	
	ARUF030	27200	[8.0]	20500	[6.0]	10.00	9.00	
	HT1830/U30+EEP	27200	[8.0]	20500	[6.0]	10.00	9.00	
	ACHP3028-1/AH30	28000	[8.2]	20750	[6.1]	10.00	9.00	
	AWB36-XX/ARPT036/ARUF036	28000	[8.2]	21200	[6.2]	10.00	9.00	
	U31+EEP	28000	[8.2]	21200	[6.2]	10.00	9.00	
	AC30-XX	28400	[8.3]	21050	[6.2]	10.00	9.00	
	HT3236/U32/UC32/H36F+EEP	28600	[8.4]	21800	[6.4]	10.00	9.00	
	AC36-XX/AH36	29000	[8.5]	21500	[6.3]	10.00	9.00	
	ARPF036/ARPT032/ARUF032	29000	[8.5]	21800	[6.4]	10.50	9.50	
	AEPT030	28000	[8.2]	21000	[6.2]	10.50	9.50	
	AEPT036	29000	[8.5]	22100	[6.5]	11.00	10.00	
	HT4248/U42/UC42/H49F+EEP	29000	[8.5]	22100	[6.5]	10.50	9.50	
	CA*F024*2A+EEP	27000	[7.9]	20000	[5.9]	10.00	9.00	
	CA*F030*2A+EEP	28600	[8.4]	21800	[6.4]	10.00	9.00	
	CA*F042*2A+EEP	29000	[8.5]	22100	[6.5]	10.50	9.50	
	CHPF024A2A+EEP	27200	[8.0]	20500	[6.0]	10.00	9.00	
CHPF030A2A+EEP	28600	[8.4]	21800	[6.4]	10.00	9.00		
CHPF042B2A+EEP	29000	[8.5]	22100	[6.5]	10.50	9.50		
CKL36-1H/1K CKL36-3A/3K	ACHP3632-1	32000	[9.4]	23000	[6.7]	10.00	9.00	82
	U35/UC35+EEP (5)	33000	[9.7]	24000	[7.0]	10.00	9.00	
	ARPF036/AC36-XX (4)	33200	[9.7]	24600	[7.2]	10.00	9.00	
	HT36/U36/UC36/H36F+EEP	34000	[10.0]	25200	[7.4]	10.00	9.00	
	HT3236+EEP	34400	[10.1]	25500	[7.5]	10.00	9.00	
	AWB36-XX/ARPT036/ARUF036	34000	[10.0]	25200	[7.4]	10.00	9.00	
	AH36	34400	[10.1]	25500	[7.5]	10.00	9.00	
	ARPT042/ARUF042	35000	[10.3]	26600	[7.8]	10.50	9.50	
	HT4248/U42/UC42/H49F+EEP	35000	[10.3]	26000	[7.6]	10.50	9.50	
	AEPT036	35000	[10.3]	26000	[7.6]	11.00	10.00	
	CA*F036*2A+EEP	34000	[10.0]	25200	[7.4]	10.00	9.00	
	CA*F042*2A+EEP	35000	[10.3]	26000	[7.6]	10.50	9.50	
	CHPF030A2A+EEP	34400	[10.1]	25500	[7.5]	10.00	9.00	
	CHPF036B2A+EEP	34000	[10.0]	25200	[7.4]	10.00	9.00	
CHPF042B2A+EEP	35000	[10.3]	26000	[7.6]	10.50	9.50		

(1) Seasonal Energy Efficiency Ratio

(2) Energy Efficiency Ratio @ 80°F/67°F [26.6°C/19.4°C] Inside - 95°F [35°C]

(3) 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.

(4) Note: XX of A Model Designate Electric Heat Quantity.

(5) 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.

[] Designates metric equivalents

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model (3)	Total BTUH [kW]	Sensible BTUH [kW]	SEER (1)	EER (2)	Decibels		
CKL42-1A/1B	U42/UC42+EEP (5)	39500	[11.6]	27300	[8.0]	10.00	9.00	82
	ARPT042/ARUF042	40000	[11.7]	28000	[8.2]	10.00	9.00	
	HT4248/H49F+EEP	40000	[11.7]	28000	[8.2]	10.00	9.00	
	U47/UC47+EEP	40000	[11.7]	28000	[8.2]	10.00	9.00	
	ARUF048	40000	[11.7]	29600	[8.7]	10.00	9.00	
	U49/UC49+EEP	40500	[11.9]	28200	[8.3]	10.00	9.00	
	ARPF048/ARPT049/ARUF049	41000	[12.0]	30400	[8.9]	10.50	9.50	
	HT4860/U60/UC60/H60F+EEP	41000	[12.0]	30400	[8.9]	10.50	9.50	
	AAPT060	41000	[12.0]	30200	[8.8]	11.00	10.00	
	CA*F042*2A+EEP	39500	[11.6]	27300	[8.0]	10.00	9.00	
	CA*F048*2A+EEP	40500	[11.9]	28200	[8.3]	10.00	9.00	
	CA*F060*2A+EEP	41000	[12.0]	30400	[8.9]	10.50	9.50	
	CHPF042B2A+EEP	40000	[11.7]	28000	[8.2]	10.00	9.00	
	CHPF048D2A+EEP	41000	[12.0]	30400	[8.9]	10.50	9.50	
CKL49-1/1A CKL49-3/3A	HT4248/H49F+EEP (5)	44000	[12.9]	33000	[9.7]	10.00	9.00	80
	U47/UC47+EEP	44000	[12.9]	33000	[9.7]	10.00	9.00	
	HT4860/H60F+EEP	45000	[13.2]	34200	[10.0]	10.00	9.00	
	ARUF048	45000	[13.2]	34200	[10.0]	10.00	9.00	
	U49/UC49+EEP	45000	[13.2]	34200	[10.0]	10.00	9.00	
	U59/UC59/U60/UC60+EEP	46000	[13.5]	35000	[10.3]	10.00	9.00	
	ARPF048/ARPT049/ARUF049	46000	[13.5]	35000	[10.3]	10.50	9.50	
	HT61/H61F+EEP	47000	[13.8]	36000	[10.5]	10.50	9.50	
	AAPT060	45000	[13.2]	34200	[10.0]	11.00	10.00	
	CA*F048*2A+EEP	45000	[13.2]	34200	[10.0]	10.00	9.00	
	CA*F060*2A+EEP	46000	[13.5]	35000	[10.3]	10.00	9.00	
	CHPF042B2A+EEP	44000	[12.9]	33000	[9.7]	10.00	9.00	
	CHPF048D2A+EEP	45000	[13.2]	34200	[10.0]	10.00	9.00	
	CHPF060D2A+EEP	47000	[13.8]	36000	[10.5]	10.50	9.50	

(1) Seasonal Energy Efficiency Ratio

(2) Energy Efficiency Ratio @ 80°F/67°F [26.6°C/19.4°C] Inside - 95°F [35°C]

(3) 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.

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[] Designates metric equivalents

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model (3)	Total BTUH [kW]		Sensible BTUH [kW]		SEER (1)	EER (2)	Decibels
CKL60-1 CKL60-3 CKL60-4	U59/UC59+EEP (5)	54000	[15.8]	39500	[11.6]	10.00	9.00	80
	ARUF060	56000	[16.4]	40300	[11.8]	10.00	9.00	
	HT4860/U60/UC60/H60F+EEP	55000	[16.1]	39600	[11.6]	10.00	9.00	
	HT61/H61F/U61/UC61+EEP	56000	[16.4]	39500	[11.6]	10.50	9.50	
	U62/UC62+EEP	56000	[16.4]	39500	[11.6]	10.50	9.50	
	ARPF060/ARPT061/ARUF061	57000	[16.7]	42000	[12.3]	10.50	9.50	
	AEPT060	57000	[16.7]	42000	[12.3]	10.50	9.50	
	CA*F060*2A+EEP	55000	[16.1]	39600	[11.6]	10.00	9.00	
	CA*F061*2A+EEP	56000	[16.4]	39500	[11.6]	10.50	9.50	
	CHPF048D2A+EEP	55000	[16.1]	39600	[11.6]	10.00	9.00	
	CHPF060D2A+EEP	56000	[16.4]	39500	[11.6]	10.50	9.50	
	CKL62-1	ARUF060	58000	[17.0]	45000	[13.2]	10.00	
U59/UC59+EEP (5)		58000	[17.0]	42000	[12.3]	10.00	9.00	
HT4860/U60/UC60+EEP		58000	[17.0]	42000	[12.3]	10.00	9.00	
U61/UC61+EEP		60000	[17.6]	43000	[12.6]	10.00	9.00	
U62/UC62+EEP		60000	[17.6]	43000	[12.6]	10.00	9.00	
HT61/H61F+EEP		60000	[17.6]	43000	[12.6]	10.00	9.00	
ARPF060		61000	[17.9]	45000	[13.2]	10.00	9.00	
ARPT061/ARUF061		62000	[18.2]	45000	[13.2]	10.00	9.00	
AEPT060		61000	[17.9]	45000	[13.2]	10.50	9.50	
CA*F060*2A+EEP		58000	[17.0]	42000	[12.3]	10.00	9.00	
CA*F061*2A+EEP		60000	[17.6]	43000	[12.6]	10.00	9.00	
CHPF048D2A+EEP		58000	[17.0]	42000	[12.3]	10.00	9.00	
CHPF060D2A+EEP		60000	[17.6]	43000	[12.6]	10.00	9.00	

(1) Seasonal Energy Efficiency Ratio

(2) Energy Efficiency Ratio @ 80°F/67°F [26.6°C/19.4°C] Inside - 95°F [35°C]

(3) 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.

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