

**10 SEER  
SPLIT SYSTEM  
AIR CONDITIONING  
1½ THRU 5 TON  
(5.28 to 17.56kW)**



**Description/Application**

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

**Designed to be matched with:**

- U, UC, H, HT fan-less indoor coils for heat pump or cooling applications
- ARPT, ARUF and AEPT multi-position electric heat air handler
- ARPF dedicated downflow electric heat air handler
- AWB vertical wall-mounted air handler with electric heat
- AH vertical wall-mounted air handler with hydronic heat
- AC ceiling-mounted air handler with electric heat
- ACHP ceiling-mounted air handler with hydronic heat

**Accessories**

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

**Standard Equipment 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
- Crankcase heater (where indicated)

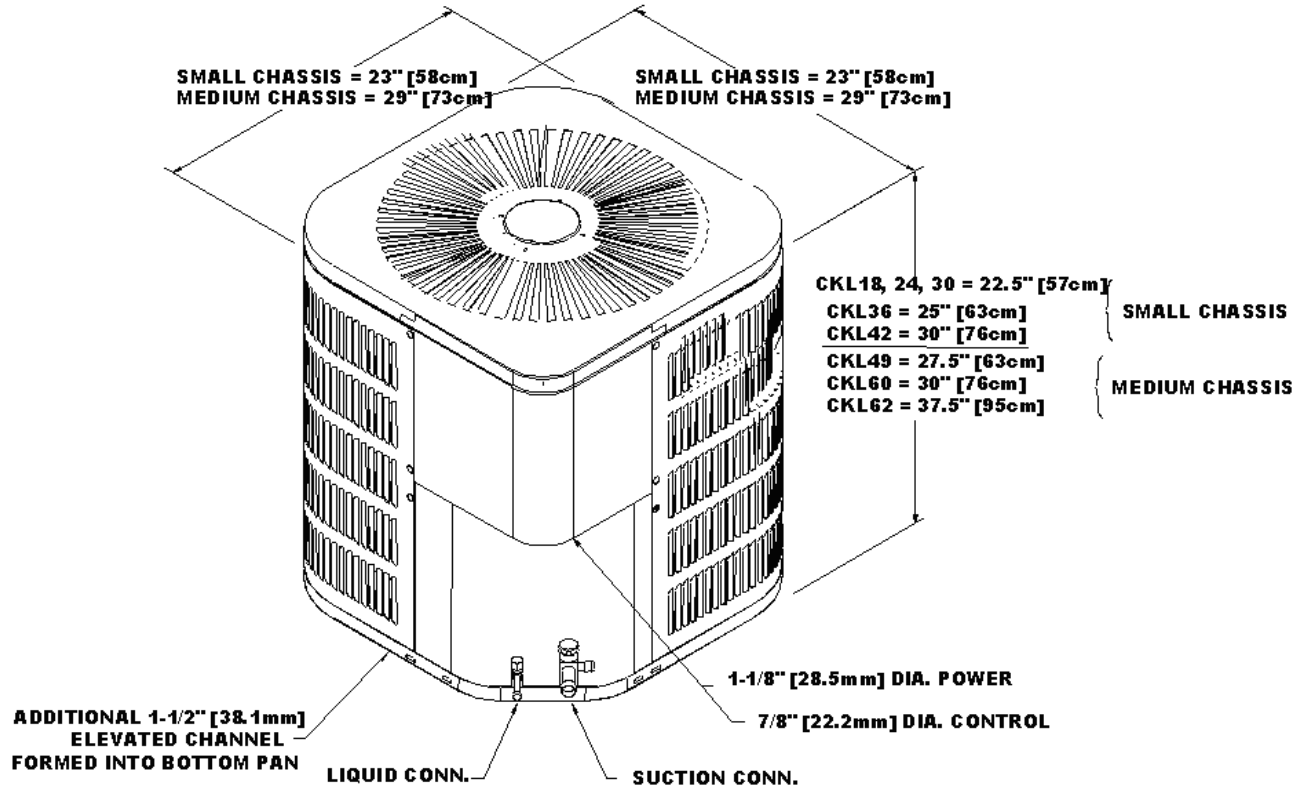
**Cabinet Construction Features**

- Polyester powder paint provides premium durability and improved UV protection
- Heavy gauge, zinc-clad, G90 galvanized steel

## 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]
CKL24-1H	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]
CKL36-1H-3A	3/8" [9.5mm]	3/4" [19mm]	Sweat	142 lbs. [64.4kg]
CKL42-1A	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	160 lbs. [72.6kg]
CKL49-1-3	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	176 lbs. [79.8kg]
CKL60-1-3-4	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	208 lbs. [94.3kg]
CKL62-1	3/8" [9.5mm]	7/8" [22.2mm]	Sweat	258 lbs. [117.0kg]

## Dimensional Data for CKL 18-62 Models



## Electrical Data

Model	Volts	PH	+Minimum Circuit Ampacity	*Maximum Overcurrent Protection	Maximum Volts	Minimum Volts	Compressor		Cond. Fan	
							RLA	LRA	FLA	HP
CKL18-1C	208/230	1	12.6	20	253	197	9.0	45	1.3	1/6
CKL24-1H	208/230	1	16.4	20	253	197	12.1	57	1.3	1/6
CKL30-1F	208/230	1	18.9	30	253	197	14.1	73	1.3	1/6
CKL36-1H	208/230	1	22.8	40	253	197	17.2	96	1.3	1/6
CKL36-3A	208/230	3	14.2	20	253	197	10.3	75	1.3	1/6
CKL42-1A	208/230	1	24.2	40	253	197	18.3	102	1.3	1/6
CKL49-1	208/230	1	26.8	40	253	197	20.0	110	1.8	1/4
CKL49-3	208/230	3	17.8	30	253	197	12.8	78	1.8	1/4
**CKL60-1	208/230	1	33.1	50	253	197	25.0	150	1.8	1/4
**CKL60-3	208/230	3	21.2	30	253	197	15.5	124	1.8	1/4
**CKL60-4	460	3	10.1	15	506	414	7.4	59.6	0.8	1/4
**CKL62-1	208/230	1	36.4	60	253	197	30.1	144	2.5	1/3

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

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

\*\*With Scroll Compressor.

[ ] Designates metric equivalents

**Performance Ratings**

Condenser Model	Evaporator Model See Note (3)	Total BTUH [kW]		Sensible BTUH [kW]		SEER (1)	EER (2)	Decibels
CKL18-1B	AC18-XX (4)	17000	[5.0]	12600	[3.7]	10.00	9.00	75
	AWB18-XX/ACHP1819-1	16800	[4.9]	12400	[3.6]	10.00	9.00	
	ARUF018-00A-1/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	
	ARPF024-00B-1/ARPT024-00A-1/ARUF024-00A-1	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	
	ARPF036-00B-1/ARPT032-00A-1/ARUF032-00A-1	18000	[5.3]	13500	[4.0]	10.50	9.50	
	AEPT024-00A-1	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		
CKL24-1F	ARPF024-00B-1/ARPT024-00A-1/ARUF024-00A-1	23000	[6.7]	17200	[5.0]	10.00	9.00	78
	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	
	ARPF036-00B-1/ARPT032-00A-1/ARUF032-00A-1	24000	[7.0]	18400	[5.4]	10.50	9.50	
	AEPT024-00A-1	24000	[7.0]	18400	[5.4]	11.00	10.00	
	HT4248/U42/UC42/H49F+EEP	24000	[7.0]	18400	[5.4]	10.50	9.50	
CKL30-1E	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	
	ARUF030-00A-1	27200	[8.0]	20500	[6.0]	10.00	9.00	
	HT1830/U30+EEP	27200	[8.0]	20500	[6.0]	10.00	9.00	
	ACH3028-1/AH30	28000	[8.2]	20750	[6.1]	10.00	9.00	
	AWB36-XX/ARPT036-00A-1/ARUF036-00A-1	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	
	ARPF036-00B-1/ARPT032-00A-1/ARUF032-00A-1	29000	[8.5]	21800	[6.4]	10.50	9.50	
AEPT030-00A-1	28000	[8.2]	21000	[6.2]	10.50	9.50		
AEPT036-00A-1	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		
CKL36-1H/3A	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	
	AC36-XX (4)	33200	[10.0]	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	[10.3]	25500	[7.5]	10.00	9.00	
	AWB36-XX/ARPT036-00A-1/ARUF036-00A-1	34000	[10.1]	25200	[7.4]	10.00	9.00	
	AH36	34400	[10.3]	25500	[7.5]	10.00	9.00	
	ARPT042-00A-1/ARUF042-00A-1	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	
	AEPT036-00A-1	35000	[10.3]	26000	[7.6]	11.00	10.00	
	HT4248/U42/UC42+EEP (5)	39500	[11.6]	27300	[8.0]	10.00	9.00	
ARPT042-00A-1/ARUF042-00A-1	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		
ARUF048-00A-1	40000	[11.7]	29600	[8.7]	10.00	9.00		
U49/UC49+EEP	40500	[11.9]	28200	[8.3]	10.00	9.00		
ARPF048-00B-1/ARPT049-00A-1/ARUF049-00A-1	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		
AEPT048-00A-1	41000	[12.0]	30200	[8.8]	11.00	10.00		

(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 outdoor and indoor units, use piston supplied with 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

**Performance Ratings (cont.)**

Condenser Model	Evaporator Model See Note (3)	Total		Sensible		SEER (1)	EER (2)	Decibels
		BTUH	[kW]	BTUH	[kW]			
CKL49-1/3	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	
	ARUF048-00A-1	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	[10.0]	10.00	9.00	
	ARPF048-00B-1/ARPT049-00A-1/ARUF049-00A-1	46000	[13.5]	35000	[10.3]	10.50	9.50	
	HT61/H61F+EEP	47000	[13.8]	36000	[10.3]	10.50	9.50	
	AEPT048-00A-1	45000	[13.2]	34200	[10.5]	11.00	10.00	
CKL60-1/ 0.75	U59/UC59+EEP (5)	54000	[15.8]	39500	[11.6]	10.00	9.00	79
	ARUF060-00A-1	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	
	ARPF060-00B-1/ARPT061-00A-1/ARUF061-00A-1	57000	[16.7]	42000	[12.3]	10.50	9.50	
CKL62-1	AEPT060-00A-1	57000	[16.7]	42000	[12.3]	10.50	9.50	80
	ARUF060-00A-1	58000	[17.0]	45000	[13.2]	10.00	9.00	
	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	
	ARPF060-00B-1/ARPT061-00A-1/ARUF061-00A-1	62000	[18.2]	45000	[13.2]	10.00	9.00	
	AEPT060-00A-1	61000	[17.9]	45000	[13.2]	10.50	9.50	

(1) Seasonal Energy Efficiency Ratio

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[ ] Designates metric equivalents

**NOTE: SPECIFICATIONS AND PERFORMANCE DATA LISTED HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE**

**Quality Makes the Difference!**

All of our systems are designed and manufactured with the same high-quality standards, regardless of size or efficiency. We have designed these units to significantly reduce the most frequent causes of product failure. They are simple to service and forgiving to operate. We use quality materials and components. Finally, every unit is run-tested before it leaves the factory. That's why we know...

***There's No Better Quality.***

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