



Air Conditioning & Heating

CKL SERIES 10 SEER

Split System Air Conditioner

1½ to 5 Ton



The CKL split system air conditioner is designed for ground-level or rooftop mount application.



Standard Features

- Hermetically sealed 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 suction and liquid service valve with sweat connections
- Fully charged for 15' of tubing length
- Factory-installed liquid line filter drier
- Contactor with lug connections
- Ground lug connection

Air Handler and Coil Compatibilities

- 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
- AC ceiling-mounted electric heat air handler
- AH vertical wall-mounted hydronic heat air handler
- ACHP ceiling-mounted hydronic heat air handler
- 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/1-stage heat (CHT18-60 or CHSATG)
- Digital room thermostat with 1-stage cool/1-stage heat (CH70TG)
- Outdoor Thermostat (OT18-60)
- Low Ambient Kit (LA-01)



PRODUCT SPECIFICATIONS

Specifications

Model	Nominal Cooling Capacity (BTUH)	Service Valve			Compressor		Condenser Fan		Shipping Weight (pounds)
		Liquid	Suction	Connection Type	RLA	LRA	HP	FLA	
CKL18-1L	18,000	3/8"	3/4"	Sweat	8.5	49	1/6	1.3	125
CKL24-1L	24,000	3/8"	3/4"	Sweat	9.8	56	1/6	1.3	127
CKL30-1L	29,000	3/8"	3/4"	Sweat	13.7	75	1/6	1.3	130
CKL36-1L	35,000	3/8"	3/4"	Sweat	17.2	96	1/6	1.3	152
CKL36-3L	35,000	3/8"	3/4"	Sweat	10.3	75	1/6	1.3	142
CKL36-3K	35,000	3/8"	3/4"	Sweat	10.2	75	1/6	1.3	152
CKL42-1L	41,000	3/8"	7/8"	Sweat	17.2	105	1/6	1.3	160
CKL49-1L	47,000	3/8"	7/8"	Sweat	18.3	102	1/4	1.8	176
CKL49-3L	47,000	3/8"	7/8"	Sweat	12.6	91	1/4	1.8	176
CKL60-1L	57,000	3/8"	7/8"	Sweat	25	150	1/4	1.8	208
CKL60-3L	57,000	3/8"	7/8"	Sweat	15.4	124	1/4	1.8	208
CKL60-4L	57,000	3/8"	7/8"	Sweat	7.4	59.6	1/4	0.8	208
CKL62-1L	62,000	3/8"	7/8"	Sweat	27.1	144	1/3	2.3	258

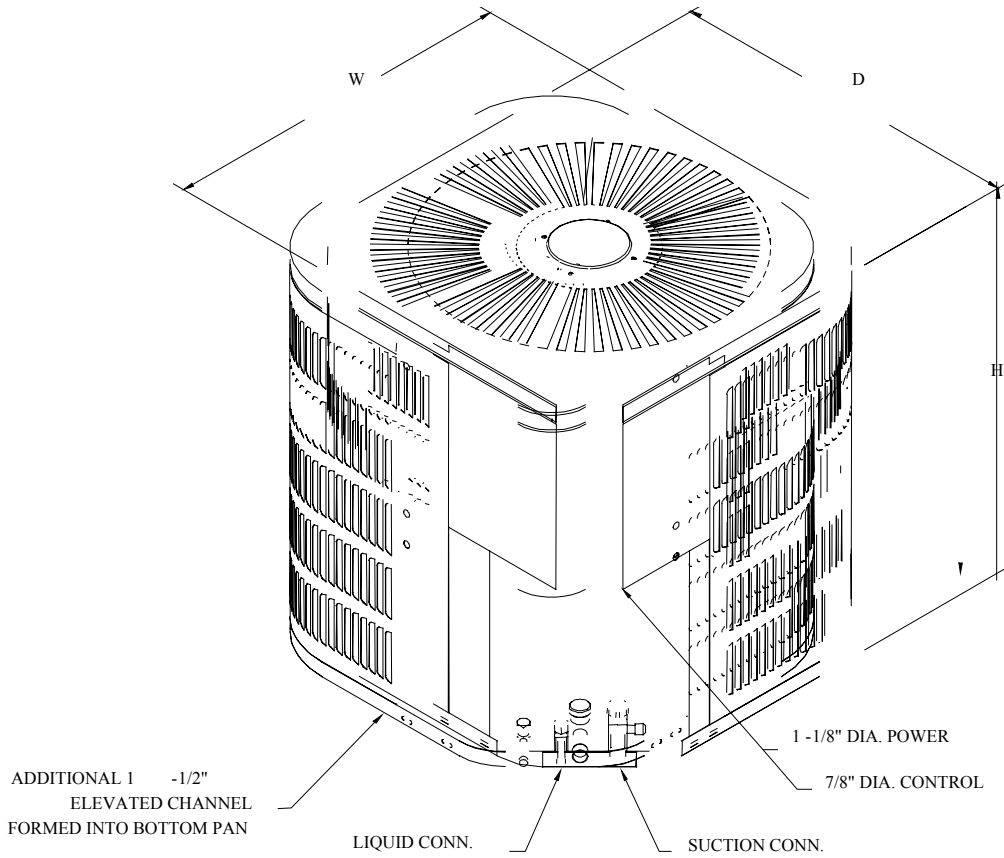
Electrical Data

Model	Minimum Circuit Ampacity	Maximum Overcurrent Protection (amps)	Voltage-Phase	Minimum Volts	Maximum Volts
CKL18-1L	11.9	20	208/230-1	197	253
CKL24-1L	13.6	20	208/230-1	197	253
CKL30-1L	18.4	30	208/230-1	197	253
CKL36-1L	22.8	40	208/230-1	197	253
CKL36-3L	14.2	20	208/230-3	197	253
CKL36-3K	14.1	20	208/230-3	197	253
CKL42-1L	22.8	40	208/230-1	197	253
CKL49-1L	24.7	40	208/230-1	197	253
CKL49-3L	17.6	30	208/230-3	197	253
CKL60-1L	33.1	50	208/230-1	197	253
CKL60-3L	21.1	30	208/230-3	197	253
CKL60-4L	10.1	15	460-3	414	506
CKL62-1L	36.1	60	208/230-1	197	253

- 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



Model	Width	Depth	Height
CKL18-1L	23"	23"	24"
CKL24-1L	23"	23"	24"
CKL30-1L	23"	23"	24"
CKL36-1L	23"	23"	29"
CKL36-3L	23"	23"	26.5"
CKL36-3K	23"	23"	26.5"
CKL42-1L	23"	23"	31.5"
CKL49-1L	29"	29"	29"
CKL49-3L	29"	29"	29"
CKL60-1L	29"	29"	31.5"
CKL60-3L	29"	29"	31.5"
CKL60-4L	29"	29"	31.5"
CKL62-1L	29"	29"	39"

PRODUCT SPECIFICATIONS

Performance Ratings

Condenser	Evaporator Model	Total BTUH	Sensible BTUH	EER	SEER	ARI Ref. #	Decibel	
CKL18-1*	AC18-XX	17,000	12,410	9.00	10.00	467525	76	
	ACHP1819-1	16,800	12,264	9.00	10.00	467533	76	
	AEPT030-00*-1*	18,000	13,140	9.80	11.00	517544	76	
	AH18	17,400	12,702	9.00	10.00	467531	76	
	ARPF024-00B-1*	17,400	12,702	9.00	10.00	517514	76	
	ARPT024-00*-1*	17,400	12,702	9.00	10.00	517529	76	
	ARPT032-00*-1*	18,000	13,140	9.50	10.50	517511	76	
	ARUF018-00*-1*	17,000	12,410	9.00	10.00	517512	76	
	ARUF024-00*-1*	17,400	12,702	9.00	10.00	517498	76	
	ARUF032-00*-1*	18,000	13,140	9.50	10.50	517497	76	
	AWB18-XX	16,800	12,264	9.00	10.00	467564	76	
	AWB24-XX	17,000	12,325	9.00	10.00	467560	76	
	CA*F018*2*+EEP	17,000	12,325	9.00	10.00	503271	76	
	CA*F024*2*+EEP	17,400	12,615	9.00	10.00	503272	76	
	CA*F030*2*+EEP	18,000	13,050	9.50	10.50	503273	76	
	CHPF024A2*+EEP	17,400	12,615	9.00	10.00	503276	76	
	CHPF025B2*+EEP	17,400	12,615	9.00	10.00	530822	76	
	CHPF030A2*+EEP	18,000	13,050	9.50	10.50	503277	76	
	H24F+EEP	17,400	12,528	9.00	10.00	466994	76	
	H36F+EEP	18,000	12,960	9.50	10.50	466980	76	
CKL24-1*	AC24-XX	23,200	17,052	9.00	10.00	467561	75	
	ACHP2423-1	23,200	17,052	9.00	10.00	467556	75	
	AEPT030-00*-1*	24,000	17,640	9.80	11.00	517545	75	
	AH24	23,200	17,052	9.00	10.00	467559	75	
	ARPF024-00B-1*	23,000	16,905	9.00	10.00	517509	75	
	ARPT024-00*-1*	23,000	16,905	9.00	10.00	517501	75	
	ARPT032-00*-1*	24,000	17,640	9.50	10.50	517495	75	
	ARUF024-00*-1*	23,000	16,905	9.00	10.00	517507	75	
	ARUF032-00*-1*	24,000	17,640	9.50	10.50	517521	75	
	AWB24-XX	23,200	17,052	9.00	10.00	467568	75	
	CA*F024*2*+EEP	23,000	16,905	9.00	10.00	503280	75	
	CA*F030*2*+EEP	24,000	17,640	9.50	10.50	503281	75	
	CA*F036*2*+EEP	24,000	17,640	9.50	10.50	503282	75	
	CHPF024A2*+EEP	23,000	16,790	9.00	10.00	503285	75	
	CHPF025B2*+EEP	23,000	16,790	9.00	10.00	530824	75	
	CHPF030A2*+EEP	24,000	17,520	9.50	10.50	503286	75	
	H24F+EEP	23,000	16,675	9.00	10.00	467002	75	
	H36F+EEP	24,000	17,400	9.50	10.50	467008	75	
	CKL30-1*	AC30-XX	28,400	20,590	9.00	10.00	467562	78
		AC36-XX	29,000	21,315	9.00	10.00	467555	78
ACHP3028-1		28,000	20,580	9.00	10.00	467567	78	
AEPT030-00*-1*		28,000	20,580	9.50	10.50	517526	78	
AEPT036-00*-1*		29,000	21,315	9.80	11.00	517538	78	
AH30		28,000	20,580	9.00	10.00	467574	78	
AH36		29,000	21,315	9.00	10.00	467588	78	
ARPF036-00B-1*		29,000	21,315	9.50	10.50	517528	78	
ARPT032-00*-1*		29,000	21,315	9.50	10.50	517515	78	
ARPT036-00*-1*		28,000	20,580	9.00	10.00	517516	78	
ARUF030-00*-1*		27,200	19,992	9.00	10.00	517543	78	
ARUF032-00*-1*		29,000	21,315	9.50	10.50	517531	78	
ARUF036-00*-1*		28,000	20,580	9.00	10.00	517502	78	
AWB30-XX		27,000	19,845	9.00	10.00	467583	78	
AWB36-XX		28,000	20,580	9.00	10.00	467577	78	
CA*F030*2*+EEP		28,600	21,021	9.00	10.00	503289	78	
CA*F042*2*+EEP		29,000	21,315	9.50	10.50	503290	78	
CHPF024A2*+EEP		27,200	19,992	9.00	10.00	503293	78	
CHPF030A2*+EEP		28,600	21,021	9.00	10.00	503294	78	
CHPF036B2*+EEP		29,000	21,315	9.50	10.50	503295	78	
H36F+EEP	28,600	20,878	9.00	10.00	467013	78		
H49F+EEP	29,000	21,170	9.50	10.50	467010	78		

- (1) Seasonal Energy Efficiency Ratio
- (2) Energy Efficiency Ratio @ 80°F/67°F Inside - 95°F
- (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.

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model	Total BTUH	Sensible BTUH	EER	SEER	ARI Ref. #	Decibel	
CKL36-1*	AC36-XX	33,200	24,236	9.00	10.00	503315	80	
	ACHP3632-1	32,000	23,360	9.00	10.00	503318	80	
	AEPT036-00*-1*	35,000	25,550	9.80	11.00	517535	80	
	AH36	34,400	25,112	9.00	10.00	503313	80	
	ARPF036-00B-1*	33,200	24,236	9.00	10.00	517525	80	
	ARPT036-00*-1*	34,000	24,820	9.00	10.00	517541	80	
	ARPT042-00*-1*	35,000	25,550	9.50	10.50	517537	80	
	ARUF036-00*-1*	34,000	24,820	9.00	10.00	517546	80	
	ARUF042-00*-1*	35,000	25,550	9.50	10.50	517524	80	
	AWB36-XX	34,000	24,820	9.00	10.00	503320	80	
	CA*F036*2*+EEP	34,000	24,650	9.00	10.00	503301	80	
	CA*F042*2*+EEP	35,000	25,375	9.50	10.50	503302	80	
	CHPF030A2*+EEP	34,400	24,940	9.00	10.00	503307	80	
	CHPF036B2*+EEP	34,000	24,650	9.00	10.00	503310	80	
	CHPF042B2*+EEP	35,000	25,375	9.50	10.50	503304	80	
	CHPF048C2*+EEP	35,000	25,375	9.50	10.50	530821	80	
	H36F+EEP	34,000	24,650	9.00	10.00	503300	80	
	H49F+EEP	35,000	25,375	9.50	10.50	503303	80	
	CKL36-3*	AC36-XX	33,200	24,070	9.00	10.00	503345	80
		ACHP3632-1	32,000	23,200	9.00	10.00	503347	80
AEPT036-00*-1*		35,000	25,375	9.80	11.00	517533	80	
AH36		34,400	24,940	9.00	10.00	503338	80	
ARPF036-00B-1*		33,200	24,070	9.00	10.00	517519	80	
ARPT036-00*-1*		34,000	24,650	9.00	10.00	517539	80	
ARPT042-00*-1*		35,000	25,375	9.50	10.50	517517	80	
ARUF036-00*-1*		34,000	24,820	9.00	10.00	517522	80	
ARUF042-00*-1*		35,000	25,375	9.50	10.50	517510	80	
AWB36-XX		34,000	24,820	9.00	10.00	503339	80	
CA*F036*2*+EEP		34,000	24,820	9.00	10.00	503325	80	
CA*F042*2*+EEP		35,000	25,550	9.50	10.50	503330	80	
CHPF030A2*+EEP		34,400	25,112	9.00	10.00	503334	80	
CHPF036B2*+EEP		34,000	24,650	9.00	10.00	503327	80	
CHPF042B2*+EEP		35,000	25,375	9.50	10.50	503337	80	
H36F+EEP		34,000	24,650	9.00	10.00	503333	80	
H49F+EEP		35,000	25,375	9.50	10.50	503332	80	
CKL42-1*		AEPT060-00*-1*	41,000	30,400	9.80	11.00	517475	82
		ARPF048-00B-1*	41,000	30,400	9.50	10.50	517478	82
		ARPT042-00*-1*	40,000	28,000	9.00	10.00	517473	82
	ARPT049-00*-1*	41,000	30,400	9.50	10.50	517469	82	
	ARUF042-00*-1*	40,000	28,000	9.00	10.00	517479	82	
	ARUF048-00*-1*	40,000	28,000	9.00	10.00	517470	82	
	ARUF049-00*-1*	41,000	30,400	9.50	10.50	517472	82	
	CA*F042*2*+EEP	39,500	27,650	9.00	10.00	503352	82	
	CA*F048*2*+EEP	40,500	29,160	9.00	10.00	503353	82	
	CA*F060*2*+EEP	41,000	30,400	9.50	10.50	503354	82	
	CHPF042B2*+EEP	40,000	28,000	9.00	10.00	503357	82	
	CHPF048C2*+EEP	40,000	30,400	9.00	10.00	530820	82	
	CHPF048D2*+EEP	41,000	28,000	9.50	10.50	503358	82	
	H49F+EEP	40,000	30,400	9.00	10.00	467033	82	
	H60F+EEP	41,000	34,200	9.50	10.50	467030	82	
	CKL49-1*	AEPT060-00*-1*	45,000	35,000	9.80	11.00	517486	80
ARPF048-00B-1*		46,000	35,000	9.30	10.50	517477	80	
ARPT049-00*-1*		46,000	34,200	9.30	10.50	517480	80	
ARUF048-00*-1*		45,000	35,000	9.00	10.00	517482	80	
ARUF049-00*-1*		46,000	34,200	9.30	10.50	517487	80	
CA*F048*2*+EEP		45,000	35,000	9.00	10.00	503361	80	
CA*F060*2*+EEP		46,000	33,000	9.00	10.00	503362	80	
CHPF042B2*+EEP		44,000	33,000	9.00	10.00	503364	80	
CHPF048C2*+EEP		44,000	34,200	9.00	10.00	530823	80	
CHPF048D2*+EEP		45,000	36,000	9.00	10.00	503365	80	
CHPF060D2*+EEP		47,000	33,000	9.50	10.50	503366	80	
H49F+EEP		44,000	34,200	9.00	10.00	466757	80	
H60F+EEP		45,000	36,000	9.00	10.00	466759	80	
H61F+EEP		47,000	34,200	9.50	10.50	466770	80	

- (1) Seasonal Energy Efficiency Ratio
- (2) Energy Efficiency Ratio @ 80°F/67°F Inside - 95°F
- (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.

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model	Total BTUH	Sensible BTUH	EER	SEER	ARI Ref. #	Decibel	
CKL49-3*	AEPT060-00*-1*	45,000	35,000	9.80	11.00	517468	80	
	ARPF048-00B-1*	46,000	35,000	9.50	10.50	517476	80	
	ARPT049-00*-1*	46,000	34,200	9.50	10.50	517474	80	
	ARUF048-00*-1*	45,000	35,000	9.00	10.00	517467	80	
	ARUF049-00*-1*	46,000	34,200	9.50	10.50	517485	80	
	CA*F048*2*+EEP	45,000	35,000	9.00	10.00	503369	80	
	CA*F060*2*+EEP	46,000	33,000	9.00	10.00	503370	80	
	CHPF042B2*+EEP	44,000	33,000	9.00	10.00	503372	80	
	CHPF048D2*+EEP	45,000	34,200	9.00	10.00	503373	80	
	CHPF060D2*+EEP	47,000	36,000	9.50	10.50	503374	80	
	H49F+EEP	44,000	33,000	9.00	10.00	466763	80	
	H60F+EEP	45,000	34,200	9.00	10.00	466765	80	
	H61F+EEP	47,000	36,000	9.30	10.50	466767	80	
	CKL60-1*	AEPT060-00*-1*	57,000	42,000	9.50	10.50	517464	80
ARPF060-00B-1*		57,000	42,000	9.50	10.50	517466	80	
ARPT061-00*-1*		57,000	42,000	9.50	10.50	517489	80	
ARUF060-00*-1*		56,000	40,300	9.00	10.00	517471	80	
ARUF061-00*-1*		57,000	42,000	9.50	10.50	517483	80	
CA*F060*2*+EEP		55,000	39,600	9.00	10.00	503382	80	
CA*F061*2*+EEP		56,000	40,300	9.50	10.50	503383	80	
CHPF048D2*+EEP		55,000	39,600	9.00	10.00	503386	80	
CHPF060D2*+EEP		56,000	40,300	9.50	10.50	503387	80	
H60F+EEP		55,000	39,600	9.00	10.00	504198	80	
H61F+EEP		56,000	40,300	9.50	10.50	504195	80	
CKL60-3/4*		AEPT060-00*-1*	57,000	42,000	9.50	10.50	517488	80
		ARPF060-00B-1*	57,000	42,000	9.50	10.50	517481	80
		ARPT061-00*-1*	57,000	42,000	9.50	10.50	517484	80
	ARUF060-00*-1*	56,000	40,300	9.00	10.00	517548	80	
	ARUF061-00*-1*	57,000	42,000	9.50	10.50	517536	80	
	CA*F060*2*+EEP	55,000	39,600	9.00	10.00	503398	80	
	CA*F061*2*+EEP	56,000	40,300	9.50	10.50	503399	80	
	CHPF048D2*+EEP	55,000	39,600	9.00	10.00	503402	80	
	CHPF060D2*+EEP	56,000	40,300	9.50	10.50	503403	80	
	H60F+EEP	55,000	39,600	9.00	10.00	503405	80	
	H61F+EEP	56,000	40,300	9.50	10.50	504197	80	
	CKL62-1*	AEPT060-00*-1*	61,000	45,000	9.50	10.50	517496	80
		ARPF060-00B-1*	61,000	45,000	9.00	10.00	517520	80
		ARPT061-00*-1*	62,000	45,000	9.00	10.00	517504	80
ARUF060-00*-1*		58,000	42,000	9.00	10.00	517523	80	
ARUF061-00*-1*		62,000	45,000	9.00	10.00	517547	80	
CA*F060*2*+EEP		58,000	42,000	9.00	10.00	503417	80	
CA*F061*2*+EEP		60,000	43,000	9.00	10.00	503418	80	
CHPF048D2*+EEP		58,000	42,000	9.00	10.00	503421	80	
CHPF060D2*+EEP		60,000	43,000	9.00	10.00	503422	80	
H61F+EEP		60,000	43,000	9.00	10.00	503424	80	

- (1) Seasonal Energy Efficiency Ratio
- (2) Energy Efficiency Ratio @ 80°F/67°F Inside - 95°F
- (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.

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