



Air Conditioning & Heating

CLQ SERIES 14 SEER

High-Efficiency Split System Air Conditioner

2 to 5 Ton



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

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
- Quiet-operating top discharge
- Totally enclosed and permanently lubricated 8-pole, 850-RPM PSC 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
- Compressor sound blanket
- Contactor with lug connection
- Ground lug connection

Air Handler and Coil Compatibilities

- ARUF, ARPT and AEPT 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/ 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	Service Valve		Type	Approximate Shipping Weight (pounds)
	Liquid	Suction		
CLQ24-1A/-1B	3/8"	3/4"	Sweat	206
CLQ30-1A/-1B	3/8"	3/4"	Sweat	250
CLQ36-1/-1B	3/8"	3/4"	Sweat	260
CLQ36-1C	3/8"	3/4"	Sweat	244
CLQ42-1/-1B	3/8"	7/8"	Sweat	269
CLQ48-1/-1B	3/8"	7/8"	Sweat	313
CLQ60-1/-1B	3/8"	7/8"	Sweat	337

NOTE: The -*B models are painted in Architectural Gray. All other models are painted in Bahama Beige.

Electrical Data

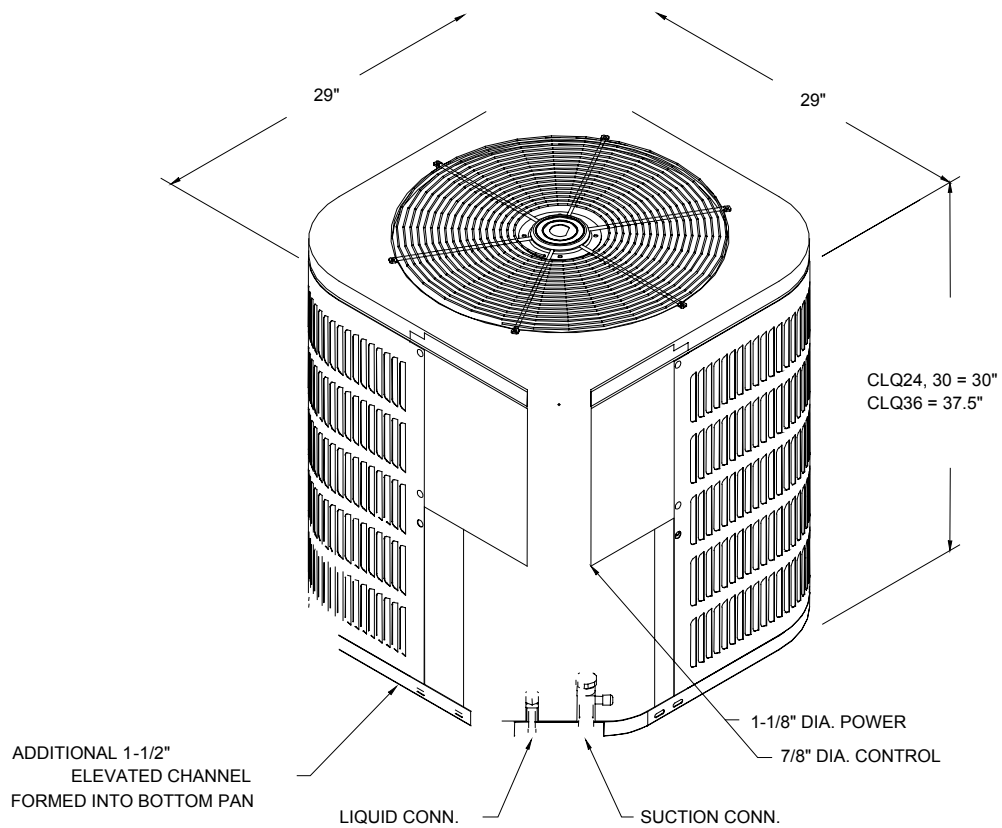
Model	Volts	PH	Minimum Circuit Ampacity ¹	Maximum Overcurrent Protection ²	Maximum Volts	Minimum Volts	Compressor		Condenser Fan	
							RLA	LRA	FLA	HP
CLQ24-1A/-1B	208/230	1	12.9	20	253	197	9.6	45	.9	1/6
CLQ30-1A/-1B	208/230	1	17.9	30	253	197	13.6	63	.9	1/6
CLQ36-1/-1B	208/230	1	18.5	30	253	197	13.5	72.5	1.6	1/4
CLQ36-1C	208/230	1	19.2	30	253	197	14.1	68	1.6	1/4
CLQ42-1/-1B	208/230	1	24.0	40	253	197	17.9	88.0	1.6	1/4
CLQ48-1/-1B	208/230	1	24.1	40	253	197	18.0	104.0	1.6	1/4
CLQ60-1/-1B	208/230	1	29.2	50	253	197	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.

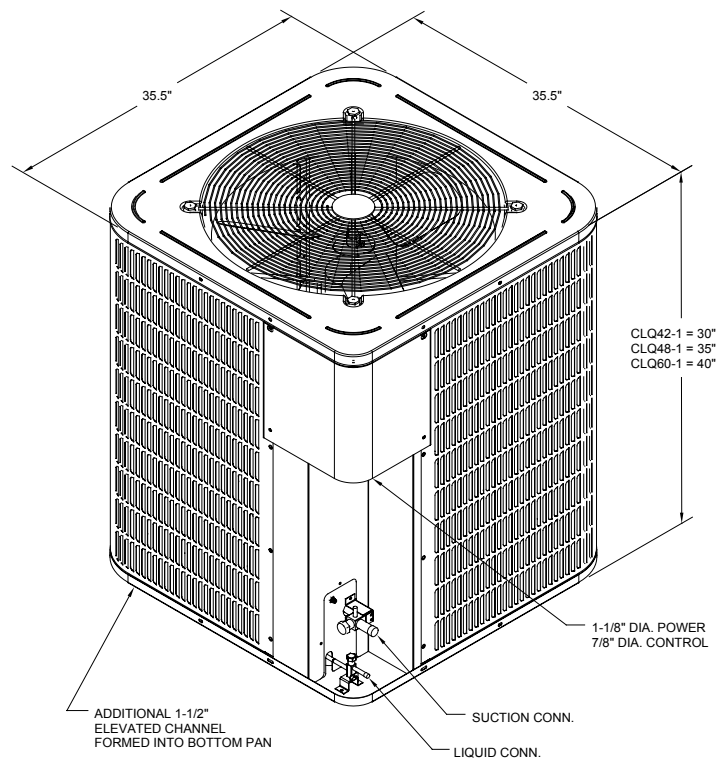
2) May use fuses or HACR type Circuit Breakers of the same size as noted.

Dimensions

CLQ24-36 Models



CLQ42-60 Models



PRODUCT SPECIFICATIONS

Performance Ratings

Condenser	Evaporator Model	Total BTUH	Sensible BTUH	SEER	EER	ARI Ref. #	Decibel
CLQ24-1*	AEPT030-00*-1*	23,000	17,200	15.00	13.40	517562	74
	ARPT032-00*-1*	22,000	16,300	13.50	12.00	517603	74
	ARPT042-00*-1*	22,400	16,500	14.00	12.50	517609	74
	ARUF032-00*-1*	22,000	16,300	13.50	12.00	517604	74
	ARUF042-00*-1*	22,400	16,500	14.00	12.50	517596	74
	CA*F030*2*+EEP	21,000	15,600	13.50	12.00	503621	74
	CA*F030*2*+G*V80703B**	22,000	16,300	14.50	13.00	520966	74
	CA*F048*2*+EEP	22,000	16,300	14.00	12.50	503624	74
	CA*F048*2*+G*V80905C**	23,000	17,000	15.00	13.40	520963	74
	CA*F048*2*+G*V90704C**	23,000	17,200	15.00	13.40	503625	74
	CHPF030A2*+EEP	21,000	15,600	13.50	12.00	503630	74
	CHPF030A2*+G*V80703B**	22,000	16,300	14.50	13.00	520976	74
	CHPF048D2*+EEP	22,000	16,300	14.00	12.50	503633	74
	CHPF048D2*+G*V80905C**	23,000	17,000	15.00	13.40	520957	74
	CHPF048D2*+G*V90704C**	23,000	17,200	15.00	13.40	503634	74
	H36F+EEP	22,000	16,300	13.50	12.00	503639	74
	H36F+GV80703B**	22,000	16,300	14.50	13.00	527383	74
	H36F+GV90453B**	22,000	16,300	14.50	13.00	527387	74
	H49F+EEP	23,000	17,200	14.00	12.50	503641	74
CLQ30-1*	AEPT030-00*-1*	27,000	19,950	14.50	12.80	517569	74
	AEPT036-00*-1*	29,000	21,460	15.00	13.40	517610	74
	ARPT032-00*-1*	27,000	19,950	13.50	12.00	517586	74
	ARUF032-00*-1*	27,000	19,950	13.50	12.00	517572	74
	CA*F030*2*+EEP	27,000	19,950	13.50	12.00	503654	74
	CA*F042*2*+G*V80703B**	27,000	19,950	14.50	12.80	520980	74
	CA*F042*2*+G*V90704C**	27,000	19,950	14.50	12.80	503656	74
	CA*F061*2*+EEP	29,000	21,460	14.00	12.50	503657	74
	CA*F061*2*+G*V80905C**	29,000	21,460	15.00	13.40	520979	74
	CA*F061*2*+G*V90905D**	29,000	21,460	15.00	13.40	503658	74
	CHPF030A2*+EEP	27,000	19,950	13.50	12.00	503664	74
	CHPF042B2*+G*V80703B**	27,000	19,950	14.50	12.80	520982	74
	CHPF042B2*+G*V90704C**	27,000	19,950	14.50	12.80	503665	74
	CHPF060D2*+EEP	29,000	21,460	14.00	12.50	503666	74
	CHPF060D2*+G*V80905C**	29,000	21,460	15.00	13.40	520984	74
	CHPF060D2*+G*V90905D**	29,000	21,460	15.00	13.40	503667	74
	H36F+EEP	27,000	19,950	13.50	12.00	503673	74
	H36F+GV80703B**	27,000	19,950	14.50	12.80	527363	74
	H36F+GV90453B**	27,000	19,950	14.50	12.80	527396	74
	H61F+EEP	29,000	21,460	14.00	12.50	503675	74
	H61F+G*V80905C**	29,000	21,460	15.00	13.40	527373	74
	H61F+G*V90905D**	29,000	21,460	15.00	13.40	527369	74

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 what is specified on the piston kit chart supplied with the indoor unit.

4) XX of a model designates 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.

Performance Ratings (cont.)

Condenser	Evaporator Model	Total BTUH	Sensible BTUH	SEER	EER	ARI Ref. #	Decibel
CLQ36-1*	AEPT036-00*-1*	35,000	25,000	15.00	13.40	517579	74
	ARPT049-00*-1*	34,400	24,500	13.50	12.00	517594	74
	ARUF049-00*-1*	34,400	24,500	13.50	12.00	517593	74
	CA*F060*2*+EEP	33,400	24,500	13.50	12.00	503690	74
	CA*F060*2*+G*V80905C**	34,400	24,500	14.50	12.80	521006	74
	CA*F060*2*+G*V90905D**	34,400	24,500	14.50	12.80	503691	74
	CA*F061*2*+EEP	35,000	25,000	14.00	12.50	503693	74
	CA*F061*2*+G*V81155C**	35,000	25,000	15.00	13.40	521015	74
	CA*F061*2*+G*V91155D**	35,000	25,000	15.00	13.40	518831	74
	CHPF048D2*+EEP	33,400	24,500	13.50	12.00	503699	74
	CHPF048D2*+G*V80905C**	34,400	24,500	14.50	12.80	520995	74
	CHPF048D2*+G*V90905D**	34,400	24,500	14.50	12.80	503700	74
	CHPF060D2*+EEP	35,000	25,000	14.00	12.50	503702	74
	CHPF060D2*+G*V81155C**	35,000	25,000	15.00	13.40	520986	74
	CHPF060D2*+G*V91155D**	35,000	25,000	15.00	13.40	503703	74
	H60F+EEP	34,400	24,500	13.50	12.00	503709	74
	H61F+EEP	36,000	26,660	14.00	12.50	503711	74
	H61F+G*V81155C**	35,000	25,000	15.00	13.40	527398	74
	H61F+G*V91155D**	35,000	25,000	15.00	13.40	527375	74
CLQ42-1*	AEPT060-00*-1*	41,000	31,000	15.00	13.40	517568	76
	ARPT049-00*-1*	40,000	30,000	13.50	12.00	517587	76
	ARUF049-00*-1*	40,000	30,000	13.50	12.00	517589	76
	CA*F060*2*+EEP	40,000	30,000	13.50	12.00	503726	76
	CA*F060*2*+G*V80905C**	40,000	30,000	14.50	12.80	521005	76
	CA*F060*2*+G*V90905D**	40,000	30,000	14.50	12.80	503727	76
	CA*F061*2*+EEP	41,000	31,000	14.00	12.50	503729	76
	CA*F061*2*+G*V81155C**	41,000	31,000	15.00	13.40	520988	76
	CA*F061*2*+G*V91155D**	41,000	31,000	15.00	13.40	503730	76
	CHPF048D2*+EEP	40,000	30,000	13.50	12.00	503736	76
	CHPF048D2*+G*V80905C**	40,000	30,000	14.50	12.80	521010	76
	CHPF048D2*+G*V90905D**	40,000	30,000	14.50	12.80	503737	76
	CHPF060D2*+EEP	41,000	31,000	14.00	12.50	503739	76
	CHPF060D2*+G*V81155C**	41,000	31,000	15.00	13.40	521007	76
	CHPF060D2*+G*V91155D**	41,000	31,000	15.00	13.40	503740	76
	H60F+EEP	40,000	30,000	13.50	12.00	503746	76
	H61F+EEP	41,000	31,000	14.00	12.50	503748	76
	H61F+G*V81155C**	41,000	31,000	15.00	13.40	527366	76
	H61F+G*V91155D**	41,000	31,000	15.00	13.40	527386	76

- 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 what is specified on the piston kit chart supplied with the indoor unit.
- 4) XX of a model designates 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	SEER	EER	ARI Ref. #	Decibel
CLQ48-1*	AEPT060-00*-1*	45,000	34,000	14.50	13.00	517613	76
	ARPT049-00*-1*	44,000	33,000	13.50	12.00	517590	76
	ARUF049-00*-1*	44,000	33,000	13.50	12.00	517578	76
	CA*F060*2*+EEP	44,000	33,000	13.50	12.00	503763	76
	CA*F060*2*+G*V80905C**	44,000	33,000	14.00	12.50	521002	76
	CA*F060*2*+G*V90905D**	44,000	33,000	14.00	12.50	503764	76
	CA*F061*2*+EEP	45,000	34,000	14.00	12.50	503766	76
	CA*F061*2*+G*V81155C**	45,000	34,000	14.50	12.80	520990	76
	CA*F061*2*+G*V91155D**	45,000	34,000	14.50	12.80	503767	76
	CHPF048D2*+EEP	44,000	33,000	13.50	12.00	503773	76
	CHPF048D2*+G*V80905C**	44,000	33,000	14.00	12.50	520996	76
	CHPF048D2*+G*V90905D**	44,000	33,000	14.00	12.50	503774	76
	CHPF060D2*+EEP	45,000	34,000	14.00	12.50	503776	76
	CHPF060D2*+G*V81155C**	45,000	34,000	14.50	12.80	520998	76
	CHPF060D2*+G*V91155D**	45,000	34,000	14.50	12.80	503777	76
	H60F+EEP	44,000	33,000	13.50	12.00	503783	76
	H61F+EEP	45,000	34,000	14.00	12.50	503785	76
	H61F+G*V81155C**	45,000	34,000	14.50	12.80	529222	76
	H61F+G*V91155D**	45,000	34,000	14.50	12.80	529221	76
CLQ60-1*	AEPT060-00*-1*	55,000	39,600	14.00	12.50	517574	76
	ARPT061-00*-1*	55,000	39,600	13.50	12.00	517554	76
	ARUF061-00*-1*	55,000	39,600	13.50	12.00	517607	76
	CA*F061*2*+EEP	55,000	39,600	13.50	12.00	503800	76
	CA*F061*2*+G*V80905C**	55,000	39,600	14.30	12.80	521009	76
	CA*F061*2*+G*V81155C**	55,000	39,600	14.30	12.80	521013	76
	CA*F061*2*+G*V90905D**	55,000	39,600	14.20	12.70	520820	76
	CA*F061*2*+G*V91155D**	55,000	39,600	14.20	12.70	518832	76
	CHPF048D2*+EEP	54,000	38,800	13.50	12.00	503805	76
	CHPF060D2*+EEP	55,000	39,600	14.00	12.50	503806	76
	CHPF060D2*+G*V80905C**	55,000	39,600	14.30	12.80	521004	76
	CHPF060D2*+G*V81155C**	55,000	39,600	14.30	12.80	521014	76
	CHPF060D2*+G*V90905D**	55,000	39,600	14.20	12.70	520832	76
	CHPF060D2*+G*V91155D**	55,000	39,600	14.20	12.70	520818	76
	H60F+EEP	54,000	38,800	13.50	12.50	503810	76
	H61F+EEP	55,000	39,600	14.00	12.50	503811	76
	H61F+G*V81155C**	55,000	39,600	14.20	12.70	527380	76
	H61F+G*V91155D**	55,000	39,600	14.20	12.70	527393	76

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 what is specified on the piston kit chart supplied with the indoor unit.

4) XX of a model designates 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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