

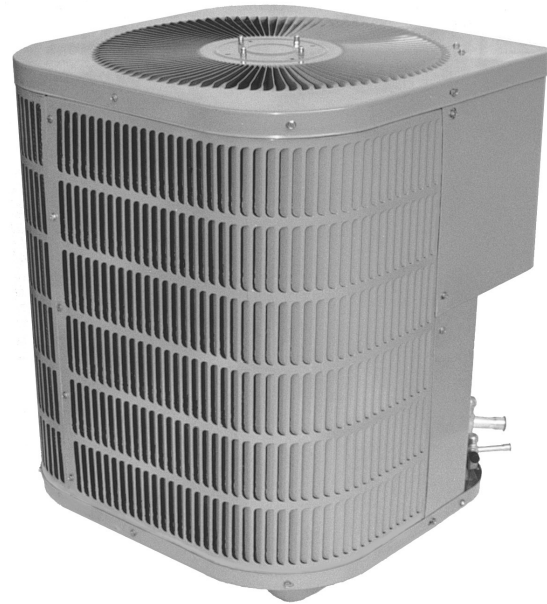


Air Conditioning & Heating

CLJ SERIES
12 SEER

Split System
Air Conditioning

1½ and 5 Ton
[5.28 kW to 17.56 kW]



The CLJ outdoor condensing unit is 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
- 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
- Contactor with lug connections
- Hermetically sealed compressor with internal high-pressure relief

Air Handler and Coil Compatibilities

- CA and CH indoor coils
- U, UC, H, 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 (CHT18-60)
- Digital room thermostat with 1-stage cool/1-stage heat, (CHTD18-60)
- Outdoor thermostats for staging/multi-stage indoor heating units, (OT/EHR18-60)

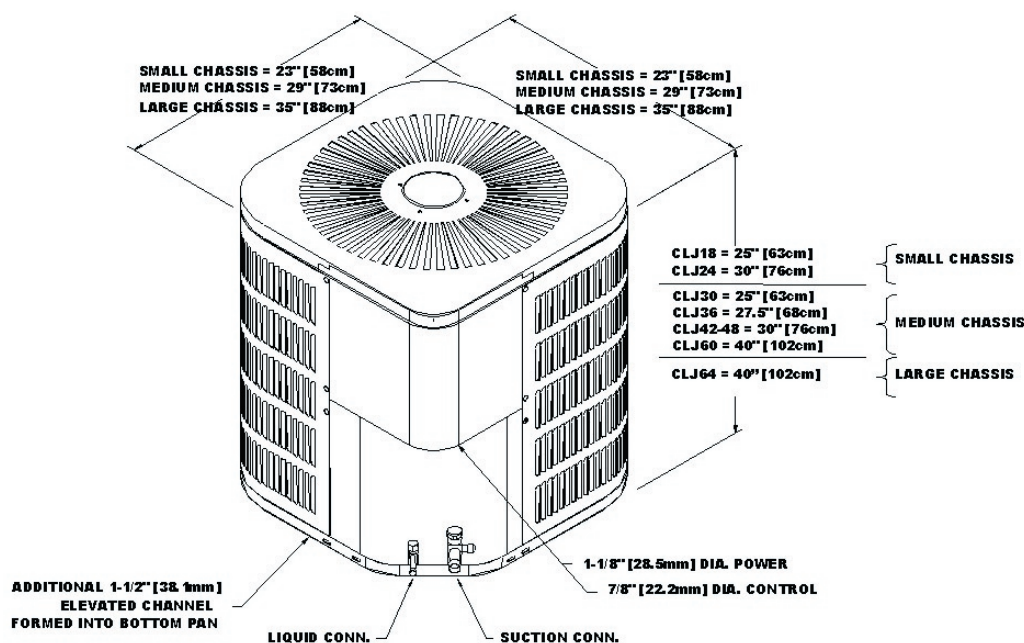


PRODUCT SPECIFICATIONS

Physical Data

Model	Liquid Connection	Suction Connection	Type	Approx. Shipping Weight
CLJ18-1/1A	3/8 [9.5mm]	3/4 [19mm]	Sweat	135 [61.2kg]
CLJ24-1/1A	3/8 [9.5mm]	3/4 [19mm]	Sweat	160 [72.5kg]
CLJ30-1/1A	3/8 [9.5mm]	3/4 [19mm]	Sweat	173 [78.5kg]
CLJ36-1A	3/8 [9.5mm]	3/4 [19mm]	Sweat	174 [78.9kg]
CLJ42-1A/1B	3/8 [9.5mm]	3/4 [19mm]	Sweat	175 [79.4kg]
CLJ48-1A	3/8 [9.5mm]	7/8 [22.2mm]	Sweat	208 [94.3kg]
CLJ60-1	3/8 [9.5mm]	7/8 [22.2mm]	Sweat	270 [122.5kg]
CLJ64-1	3/8 [9.5mm]	7/8 [22.2mm]	Sweat	358 [162.5kg]

Dimensional Data



Electrical Data

Model	Volts	PH	+Minimum Circuit Ampacity	*Maximum Overcurrent Protection	Maximum Volts	Minimum Volts	Compressor		Cond. Fan	
							RLA	LRA	FLA	HP
CLJ18-1	208/230	1	11.8	20	253	197	8.4	48	1.3	1/6
CLJ18-1A	208/230	1	12.1	20	253	197	8.6	49	1.3	1/6
CLJ24-1	208/230	1	14.7	20	253	197	10.9	60	1.1	1/6
CLJ24-1A	208/230	1	13.1	20	253	197	9.4	49	1.3	1/6
CLJ30-1	208/230	1	17.4	30	253	197	13.0	61	1.1	1/6
CLJ30-1A	208/230	1	17.4	30	253	197	13.0	60	1.1	1/6
CLJ36-1A	208/230	1	19.6	30	253	197	14.4	82	1.6	1/4
CLJ42-1A	208/230	1	22.5	30	253	197	16.7	86	1.6	1/4
CLJ42-1B	208/230	1	20.2	30	253	197	14.9	96	1.6	1/4
CLJ48-1A**	208/230	1	24.7	40	253	197	18.3	109	1.8	1/4
CLJ60-1**	208/230	1	33.1	50	253	197	25.0	148	1.8	1/4
CLJ64-1**	208/230	1	37.6	60	253	197	28.8	148	1.6	1/4

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

**With Scroll Compressor

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

PRODUCT SPECIFICATIONS

Performance Ratings

Condenser	Evaporator Model (3)	Total BTUH (kW)		Sensible BTUH (kW)		SEER (1)	EER (2)	Decibels
CLJ18-1/1A	AWB18-XX/ARUF018(4)	16000	[4.7]	11800	[3.4]	11.3	10.3	77
	U18/UC18+EEP (5)	16000	[4.7]	11800	[3.4]	11.3	10.3	
	HT1830/U29/UC29+EEP	16800	[4.9]	12400	[3.6]	11.5	10.5	
	AH30	17400	[5.1]	12600	[3.7]	12.0	11.0	
	ARPF024/ARPT024/ARUF024	16800	[4.9]	12400	[3.6]	11.5	10.5	
	ACHP1819-1/AC18-XX	17200	[5.0]	12750	[3.7]	12.0	11.0	
	AWB24-XX	17200	[5.0]	12750	[3.7]	12.0	11.0	
	AH18	17000	[5.0]	12900	[3.8]	11.2	10.2	
	ARPF036/ARPT032/ARUF032	18000	[5.3]	13200	[3.9]	12.0	11.0	
	HT3236/U31+EEP	18000	[5.3]	13200	[3.9]	12.0	11.0	
	U32/UC32/H36F+EEP	18000	[5.3]	13200	[3.9]	12.0	11.0	
	AEPT030	18400	[5.4]	13600	[4.0]	13.0	12.0	
	H36F+GMNTE060-3	18000	[5.3]	13200	[3.9]	13.0	12.0	
	U31+GMNTE060-3	18000	[5.3]	13200	[3.9]	13.0	12.0	
	HT3236+GMNTE060-3	18000	[5.3]	13200	[3.9]	13.0	12.0	
	CA*F018A2A+EEP	16000	[4.7]	11800	[3.4]	11.3	10.3	
	CA*F024*2A+EEP	16800	[4.9]	12400	[3.6]	11.5	10.5	
	CA*F030*2A+EEP	18000	[5.3]	13200	[3.9]	12.0	11.0	
	CHPF024A2A+EEP	16800	[4.9]	12400	[3.6]	11.5	10.5	
	CHPF030A2A+EEP	18000	[5.3]	13200	[3.9]	12.0	11.0	
CA*F030*2A+GMNTE060-3	18000	[5.3]	13200	[3.9]	13.0	12.0		
CHPF030A2A+GMNTE060-3	18000	[5.3]	13200	[3.9]	13.0	12.0		
CLJ24-1/1A	ACHP2423-1/AC24-XX (4)	21200	[6.2]	15700	[4.6]	11.5	10.5	73
	ACHP3028-1/AH30	22400	[6.5]	16600	[4.8]	12.0	11.0	
	HT1830/U29/UC29/H24F+EEP (5)	22600	[6.6]	16800	[4.9]	11.3	10.3	
	ARPF024/ARPT024/ARUF024	22800	[6.7]	16800	[4.9]	11.3	10.3	
	AWB24-XX	22800	[6.7]	16800	[4.9]	12.0	11.0	
	AWB30-XX/AC30-XX	23200	[6.8]	17200	[5.0]	12.0	11.0	
	ARPF036/ARPT032/ARUF032	23400	[6.9]	17300	[5.1]	12.0	11.0	
	HT3236/U31+EEP	23400	[6.9]	17300	[5.1]	12.0	11.0	
	U32/UC32+H36F+EEP	23400	[6.9]	17300	[5.1]	12.0	11.0	
	AEPT030	24000	[7.0]	17700	[5.2]	13.0	12.0	
	H36F+GMNTE060-3	23400	[6.9]	17270	[5.0]	13.0	12.0	
	U31+GMNTE060-3	23400	[6.9]	17270	[5.0]	13.0	12.0	
	HT3236+GMNTE060-3	23400	[6.9]	17270	[5.0]	13.0	12.0	
	CA*F024*2A+EEP	22600	[6.6]	16800	[4.9]	11.3	10.3	
	CA*F036*2A+EEP	23400	[6.9]	17300	[5.1]	12.0	11.0	
	CHPF024A2A+EEP	22600	[6.6]	16800	[4.9]	11.3	10.3	
	CHPF030A2A+EEP	23400	[6.9]	17300	[5.1]	12.0	11.0	
	CA*F030*2A+GMNTE060-3	23400	[6.9]	17270	[5.1]	13.0	12.0	
CHPF030A2A+GMNTE060-3	23400	[6.9]	17270	[5.1]	13.0	12.0		

NOTE: The Goodman Gas Furnace contains the EEP cooling time delay.

- 1.) Seasonal Energy Efficiency Ratio
- 2.) Energy Efficiency Ratio @ 80 °F/67 °F [26 °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.

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model (3)	Total BTUH (kW)		Sensible BTUH (kW)		SEER (1)	EER (2)	Decibels
CLJ30-1/1A	AH30	26400	[7.7]	19550	[5.7]	11.5	10.5	73
	ACHP3632-1/ARUF030/AWB30-XX (4)	27000	[7.9]	20000	[5.8]	11.0	10.0	
	U30/UC30+EEP (5)	27000	[7.9]	20000	[5.8]	11.2	10.2	
	AC30-XX	27400	[8.0]	20300	[5.9]	11.5	10.5	
	AWB36-XX/AC36-XX	28000	[8.2]	20750	[6.0]	12.0	11.0	
	AH36	28000	[8.2]	20750	[6.0]	12.0	11.0	
	U31+EEP	28000	[8.2]	20700	[6.0]	11.5	10.5	
	ARPF036/ARPT032/ARUF032	28000	[8.2]	20000	[5.8]	12.0	11.0	
	HT3236/U32/UC32/H36F+EEP	28000	[8.2]	20700	[6.0]	12.0	11.0	
	AEPT030	29000	[8.5]	21500	[6.3]	12.5	11.5	
	AEPT036	30000	[8.8]	22200	[6.5]	13.0	12.0	
	H36F+GMNTE060-3	28000	[8.2]	20665	[6.0]	12.5	11.5	
	U31+GMNTE060-3	28000	[8.2]	20665	[6.0]	12.5	11.5	
	HT3236+GMNTE060-3	28000	[8.2]	20665	[6.0]	12.5	11.5	
	H36F+GMNTE100-4	28000	[8.2]	20665	[6.0]	13.0	12.0	
	U32/UC32+GMNTE100-4	28000	[8.2]	20665	[6.0]	13.0	12.0	
	HT4248+GMNTE100-4	28000	[8.2]	20665	[6.0]	13.0	12.0	
	CA*F030*2A+EEP	27000	[7.9]	20000	[5.8]	11.2	10.2	
	CA*F036*2A+EEP	28000	[8.2]	20700	[6.0]	12.0	11.0	
	CHPF030A2A+EEP	28000	[8.2]	20700	[6.0]	12.0	11.0	
	CA*F030*2A+GMNTE060-3	28000	[8.2]	20665	[6.0]	12.5	11.5	
CHPF030A2A+GMNTE060-3	28000	[8.2]	20665	[6.0]	12.5	11.5		
CA*F036*2A+GMNTE100-4	28000	[8.2]	20665	[6.0]	13.0	12.0		
CHPF042B2A+GMNTE100-4	28000	[8.2]	20665	[6.0]	13.0	12.0		
CLJ36-1A	ACHP3632-1	33000	[9.6]	24500	[7.2]	11.0	10.0	77
	AC36-XX (4)	33600	[9.8]	24900	[7.3]	11.0	10.0	
	ARPT036/ARUF036	34000	[9.9]	24500	[7.2]	11.2	10.2	
	HT3236/U36/UC36/H36F+EEP (5)	34000	[9.9]	24500	[7.2]	11.2	10.2	
	U42/UC42/U49/UC49+EEP	36000	[10.5]	26300	[7.7]	12.0	11.0	
	U47/UC47+EEP	36000	[10.5]	26300	[7.7]	12.0	11.0	
	HT4248/H49F+EEP	36000	[10.5]	26300	[7.7]	12.0	11.0	
	AWB36-XX/ARPT042/ARUF042	36000	[10.5]	26300	[7.7]	12.0	11.0	
	ARPF048	36000	[10.5]	26300	[7.7]	12.0	11.0	
	AEPT036	36000	[10.5]	26300	[7.7]	13.0	12.0	
	AH36	35400	[10.4]	26200	[7.7]	12.0	11.0	
	H49F+GMNTE060-3	36000	[10.5]	26300	[7.7]	12.5	11.5	
	U42/UC42+GMNTE060-3	36000	[10.5]	26300	[7.7]	12.5	11.5	
	HT4248+GMNTE060-3	36000	[10.5]	26300	[7.7]	12.5	11.5	
	H49F+GMNTE100-4	36000	[10.5]	26300	[7.7]	13.0	12.0	
	U42/UC42+GMNTE100-4	36000	[10.5]	26300	[7.7]	13.0	12.0	
	HT4860+GMNTE100-4	36000	[10.5]	26300	[7.7]	13.0	12.0	
	H49F+GMNTE120-5	36000	[10.5]	26300	[7.7]	13.0	12.0	
	U42/UC42+GMNTE120-5	36000	[10.5]	26300	[7.7]	13.0	12.0	
	HT4860+GMNTE120-5	36000	[10.5]	26300	[7.7]	13.0	12.0	
	CA*F048*2A+EEP	36000	[10.5]	26300	[7.7]	12.0	11.0	
	CA*F036*2A+EEP	34000	[9.9]	24500	[7.2]	11.2	10.2	
	CA*F042*2A+EEP	36000	[10.5]	26300	[7.7]	12.0	11.0	
	CHPF030A2A+EEP	34000	[10.0]	24500	[7.2]	11.2	9.9	
	CHPF042B2A+EEP	36000	[10.5]	26300	[7.7]	12.0	11.0	
	CA*F042*2A+GMNTE060-3	36000	[10.5]	26300	[7.7]	12.5	11.5	
	CHPF042B2A+GMNTE060-3	36000	[10.5]	26300	[7.7]	12.5	11.5	
	CA*F042*2A+GMNTE100-4	36000	[10.5]	26300	[7.7]	13.0	12.0	
	CHPF048D2A+GMNTE100-4	36000	[10.5]	26300	[7.7]	13.0	12.0	
	CA*F049*2A+GMNTE120-5	36000	[10.5]	26300	[7.7]	13.0	12.0	
CHPF048D2A+GMNTE120-5	36000	[10.5]	26300	[7.7]	13.0	12.0		

NOTE: The Goodman Gas Furnace contains the EEP cooling time delay.

- 1.) Seasonal Energy Efficiency Ratio
- 2.) Energy Efficiency Ratio @ 80 °F/67 °F [26 °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.

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model (3)	Total BTUH (kW)		Sensible BTUH (kW)		SEER (1)	EER (2)	Decibels
CLJ42-1A/1B	U42/UC42/H49F+EEP (5)	39000	[11.4]	29200	[8.5]	11.3	10.3	77
	ARPT042/ARUF042	39500	[11.6]	29500	[8.6]	11.3	10.3	
	ARUF048	40000	[11.7]	30000	[8.7]	11.5	10.5	
	ARPF048/ARPT049/ARUF049	40500	[11.8]	30200	[8.8]	12.0	11.0	
	HT4860+EEP	40000	[11.7]	30000	[8.7]	12.0	11.0	
	HT61+EEP	41000	[12.0]	30700	[9.0]	12.15	11.1	
	U60/UC60/H60F+EEP	40500	[11.8]	30200	[8.8]	12.0	11.0	
	U59/UC59+EEP	40500	[11.8]	30200	[8.8]	12.0	11.0	
	AEPT060	41000	[12.0]	30500	[8.9]	13.0	12.0	
	U60/UC60+GMNTE100-4	40000	[11.7]	30000	[8.7]	12.5	11.5	
	H60F+GMNTE100-4	40000	[11.7]	30000	[8.7]	12.5	11.5	
	HT4860+GMNTE100-4	40000	[11.7]	30000	[8.7]	12.5	11.5	
	U59/UC59+GMNTE100-4	40000	[11.7]	30000	[8.7]	12.5	11.5	
	U60/UC60+GMNTE120-5	41000	[12.0]	30700	[9.0]	13.0	12.0	
	H60F+GMNTE120-5	41000	[12.0]	30700	[9.0]	13.0	12.0	
	HT4860+GMNTE120-5	41000	[12.0]	30700	[9.0]	13.0	12.0	
	CA*F042*2A+EEP	39000	[11.4]	29200	[8.5]	11.3	10.3	
	CA*F060*2A+EEP	40500	[11.8]	30200	[8.8]	12.0	11.0	
	CHPF048D2A+EEP	40000	[11.7]	30000	[8.7]	12.0	11.0	
	CA*F060*2A+GMNTE100-4	40000	[11.7]	30000	[8.7]	12.5	11.5	
CHPF048D2A+GMNTE100-4	40000	[11.7]	30000	[8.7]	12.5	11.5		
CA*F060*2A+GMNTE120-5	41000	[12.0]	30700	[9.0]	13.0	12.0		
CHPF048D2A+GMNTE120-5	41000	[12.0]	30700	[9.0]	13.0	12.0		
CLJ48-1A	ARUF048	44000	[12.8]	31800	[9.3]	11.3	10.3	80
	U59/UC59+EEP (5)	45000	[13.2]	32800	[9.6]	12.0	11.0	
	HT4860/U60/UC60/H60F+EEP	45000	[13.2]	32800	[9.6]	12.0	11.0	
	ARPF048/ARPT049/ARUF049	45000	[13.2]	32800	[9.6]	12.0	11.0	
	AEPT060	46000	[13.5]	34300	[10.0]	13.0	12.0	
	HT61/U61/UC61/H61F+EEP	47000	[13.7]	34300	[10.0]	12.0	11.0	
	U61/UC61+GMNTE100-4	47000	[13.7]	34300	[10.0]	12.5	11.5	
	H61F+GMNTE100-4	47000	[13.7]	34300	[10.0]	12.5	11.5	
	HT61+GMNTE100-4	47000	[13.7]	34300	[10.0]	12.5	11.5	
	U61/UC61+GMNTE120-5	47000	[13.7]	34300	[10.0]	12.5	11.5	
	H61F+GMNTE120-5	47000	[13.7]	34300	[10.0]	12.5	11.5	
	HT61+GMNTE120-5	47000	[13.7]	34300	[10.0]	12.5	11.5	
	U62/UC62+GMNTE120-5	47000	[13.7]	34300	[10.0]	12.5	11.5	
	CA*F060*2A+EEP	45000	[13.2]	32800	[9.6]	12.0	11.0	
	CA*F061*2A+EEP	47000	[13.7]	34300	[10.0]	12.0	11.0	
	CHPF048D2A+EEP	45000	[13.2]	32800	[9.6]	12.0	11.0	
	CHPF060D2A+EEP	47000	[13.7]	34300	[10.0]	12.0	11.0	
	CA*F061*2A+GMNTE100-4	47000	[13.7]	34300	[10.0]	12.5	11.5	
	CHPF060D2A+GMNTE100-4	47000	[13.7]	34300	[10.0]	12.5	11.5	
	CA*F061*2A+GMNTE120-5	47000	[13.7]	34300	[10.0]	12.5	11.5	
CHPF060D2A+GMNTE120-5	47000	[13.7]	34300	[10.0]	12.5	11.5		

NOTE: The Goodman Gas Furnace contains the EEP cooling time delay.

- 1.) Seasonal Energy Efficiency Ratio
- 2.) Energy Efficiency Ratio @ 80 °F/67 °F [26 °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.

PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Condenser	Evaporator Model (3)	Total BTUH (kW)		Sensible BTUH (kW)		SEER (1)	EER (2)	Decibels
CLJ60-1	ARUF060	53000	[15.5]	39500	[11.6]	11.3	10.3	80
	U59/UC59/U60/UC60/H60F+EEP (5)	53000	[15.5]	39500	[11.6]	11.3	10.3	
	U62/UC62+EEP	54000	[15.8]	40500	[11.8]	12.0	11.0	
	HT61/U61/UC61/H61F+EEP	55000	[16.1]	41200	[12.1]	12.0	11.0	
	ARPF060/ARPT061/ARUF061	56000	[16.4]	42000	[12.3]	12.0	11.0	
	AEPT060	54000	[15.8]	38000	[11.1]	12.3	11.3	
	U62/UC62+GMNTE120-5	55000	[16.1]	40150	[11.7]	12.3	11.3	
	H61F+GMNTE120-5	55000	[16.1]	40150	[11.7]	12.3	11.3	
	HT61+GMNTE120-5	55000	[16.1]	40150	[11.7]	12.3	11.3	
	U61/UC61+GMNTE120-5	55000	[16.1]	40150	[11.7]	12.3	11.3	
	CA*F060*2A+EEP	53000	[15.5]	39500	[11.6]	11.3	10.3	
	CA*F061*2A+EEP	55000	[16.1]	41200	[12.1]	12.0	11.0	
	CHPF060D2A+EEP	55000	[16.1]	41200	[12.1]	12.0	11.0	
	CHPF060D2A+GMNTE120-5	55000	[16.1]	40150	[11.7]	12.3	11.3	
	CA*F061*2A+GMNTE120-5	55000	[16.1]	40150	[11.7]	12.3	11.3	
CLJ64-1	HT61+GMT115-5	64000	[18.7]	46700	[13.7]	12.00	11.00	80

NOTE: The Goodman Gas Furnace contains the EEP cooling time delay.

- 1.) Seasonal Energy Efficiency Ratio
- 2.) Energy Efficiency Ratio @ 80 °F/67 °F [26 °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.

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