

SoftSound™

1000+

Comfortmaker®

Air Conditioning & Heating

10+ SEER Heat Pump



Representative photo only, some models may vary in appearance.



Rated in accordance with ARI Standard 240. Certification applies only when used with proper components as listed with ARI.



1 1/2 THRU 5 TONS SPLIT SYSTEM

REFRIGERATION CIRCUIT

- High efficiency scroll compressors on all models
- Suction line accumulator on all models
- Integrated solid state time / temperature defrost and Compressor anticycle timer
- Soft defrost change over
- Low pressure cut out switch
- Large biflow filter driers

BUILT TO LAST

- G-90 Galvanized steel cabinet with integral base rails
- Triple step painting process
- Copper tube / aluminum fin coil
- Precoated condenser fins
- Coated inlet and discharge grilles ruggedly built for enhanced coil protection
- Top discharge design for quieter operation
- 5 Year parts, 5 year compressor limited warranties

EASY TO INSTALL AND SERVICE

- Numerous service friendly features
- Service valves on all models with 3-1/2" stubs
- Fan motor in-line disconnect plug
- Easy side access sloped control panel
- Factory charged with R-22, condenser plus 25 Ft. lines
- External high and low refrigerant service ports

International Comfort Products Corporation, LLC
651 Heil-Quaker Ave.
Lewisburg, Tennessee 37091

RESIDENTIAL AND COMMERCIAL SYSTEMS • SPLIT SYSTEMS • PACKAGED AIR CONDITIONERS •
COMBINATION GAS / ELECTRIC UNITS • HEAT PUMPS • AIR HANDLERS • MANUFACTURED HOME AIR
CONDITIONERS • GAS, OIL AND ELECTRIC FURNACES

Base Specifications

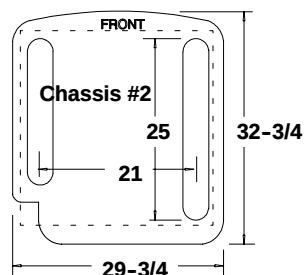
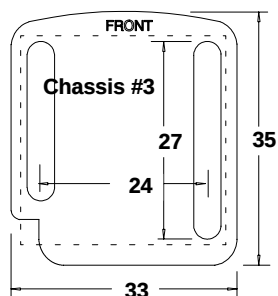
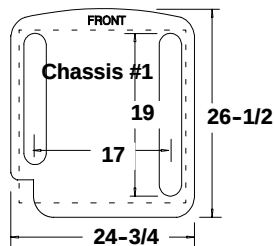
Model Number	CHP018AKAC	CHP024AKC	CHP030AKC	CHP036AKC	CHP042AKC	CHP048AKC	CHP060AKC
Max. Cooling Capacity (Btuh)	18000	23200	29000	34600	40000	47000	59500
Max. Heating Capacity (Btuh)	17600	23800	28600	36000	42000	48000	59500
SEER Label	10	10	10	10	10	10	10
Sound Rating Decibels	71	73	75	75	75	77	77
Fan HP / Type / Speeds	1/5-PSC-1	1/5-PSC-1	1/3-PSC-1	1/3-PSC-1	1/3-PSC-1	1/4-PSC-1	1/4-PSC-1
Fan RPM / Max. CFM	1075 / 2200	1075 / 2200	1075 / 3200	1075 / 3200	1075 / 3200	840 / 3900	840 / 3900
Coil Face Area (Sq Ft)	10.7	12.5	14.2	17.8	20.8	25.3	20.1
Coil Rows / Fins Per Inch	1 / 18	1 / 18	1 / 18	1 / 18	1 / 22	1 / 18	2 / 18
Line Connection Suction I.D. Size (In.)	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Line Connection Liquid I.D. Size (In.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Supplied Optional Evaporator Orifice Size	.048	.056	.061	.070	.070	.082	.093
Factory Charge - R22 (Oz)	97.8	99	143	117	150	186.1	274
Weight Lbs. (Ship)	140	147	185	197	212	238	276

Electrical Specifications - 208 / 230 - 1 - 60, Voltage Range 197V - 253V

Minimum Circuit Ampacity	12.7	16.3	19.5	25.4	32.0	30.9	35.4
Wire Size (AWG Cu) / Max. Length (Ft)	14 / 62	14 / 47	14 / 37	12 / 48	10 / 58	10 / 60	8 / 82
Time Delay Fuse (Amps)	20	25	30	40	50	50	60
Max. Fuse or HACR Breaker Size (Amps)	20	25	30	40	50	50	60
Compressor Full Run / Lock Rotor Amps	9.0 / 42	11.9 / 59	14.1 / 73	18.8 / 100	24.1 / 127	23.5 / 131	27.1 / 144
Fan Full Load / Lock Rotor Amps	1.4 / 2.36	1.4 / 2.36	1.9 / 3.7	1.9 / 3.7	1.9 / 3.7	1.5 / 2.9	1.5 / 2.9

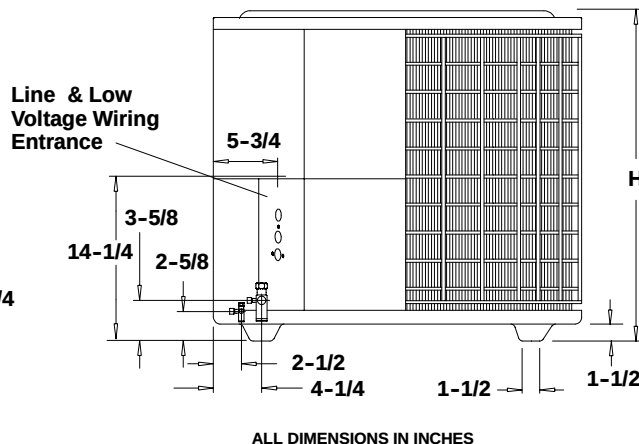
Dimensions

Model	Chassis	Height (H)
018	1	26-5/8
024	1	28-5/8
030	2	28-5/8
036	2	32-5/8
042	2	36-5/8
048	3	40-5/8
060	3	32-5/8



Minimum Mounting Pad Sizes with pad starting at 9" from structure for minimum clearances

Chassis #1 20" W X 20" D
Chassis #2 24" W X 26" D
Chassis #3 27" W X 28" D



Accessory	Description	Used On
AMF153TKB	Expansion Valve Kit	1 1/2 - 3 Ton
AMF355TKB	Expansion Valve Kit	3 1/2 - 5 Ton
AXWR01DFA	Fossil Fuel Kit	All Models
AMA001TDA	Indoor Blower Time Delay	All Models
AMB001CMA	Mesh Grille Guard (Pkg of 6) Trim to Fit	All Models
1053477 *	Compressor Crankcase Heater Solid State "Stick On" Type	All Models
1148113 *	Compressor Crankcase Heater "Wrap-around" Type (6.5 to 8.5 inch Dia Compressors)**	**All Models
1061482 *	Compressor Crankcase Heater "Wrap-around" Type (4.2 to 6.7 inch Dia Compressors)**	**All Models
1060833 *	Compressor Sound Jacket (Small Scroll)	1 1/2 - 3 Ton
1060834 *	Compressor Sound Jacket (Large Scroll)	3 1/2 - 5 Ton

* Order from Service Parts

PERFORMANCE DATA COOLING & HEATING

Outdoor Model	Indoor Model	Cooling 95° F					Heating 47° F			Heating 17° F		Indoor CFM
		Btuh	SEER	S/T	EEER	Watts	Btuh	COP	HSPF	Btuh	COP	
CHP018A(G)KC*	EBP18****	15800	10	0.74	9.1	1736.3	16000	2.98	6.8	9400	2	575
CHP018A(G)KC*	EBP18****+TXV	15800	10.3	0.74	9.45	1672	16000	2.98	6.8	9400	1.98	575
CHP018A(G)KC*	EBP24****	16400	10	0.74	9.35	1754	16200	3.12	7	9600	2.06	600
CHP018A(G)KC*	EBP24****+TXV	16400	11	0.74	9.8	1673.5	16200	3.1	7	9600	2.04	600
CHP018A(G)KC*	EBV24****	17000	12	0.74	10.7	1588.8	15400	3.42	7.4	9200	2.22	600
CHP018A(G)KC*	EBX24****	16400	11	0.74	9.85	1665	16000	3.12	7	9600	2.06	600
CHP018A(G)KC*	EMH24F****+TD1	15600	10	0.74	9	1733.3	16000	2.94	6.8	9500	2	575
CHP018A(G)KC*	EP*24B****+TD1	15400	10	0.74	9	1711.1	16000	2.94	6.8	9500	2	575
CHP018A(G)KC*	EP*24B****+TD1+TXV	15600	10.3	0.74	9.35	1668.4	16000	2.94	6.8	9500	2	575
CHP018A(G)KC*	EX*24B****+MV08B15****	16600	11	0.74	10.4	1596.2	15600	3.28	7	9100	2.2	555
CHP018A(G)KC*	EX*24B****+TD1	16400	10.5	0.74	9.5	1726.3	15200	3.04	6.8	9700	2.06	600
CHP018A(G)KC*	EX*24F****+MV12F19****	16600	11	0.74	10.4	1596.2	15600	3.24	7	9100	2.18	540
CHP018A(G)KC*	EX*24F****+TD1	16400	10.5	0.74	9.5	1726.3	15200	3.04	6.8	9700	2.06	600
CHP018A(G)KC*	FCP24****	15400	10	0.74	8.9	1730.3	16000	2.94	6.8	9500	2	575
CHP018A(G)KC*	FCP24****+TXV	15400	10.3	0.74	9.25	1664.9	16000	2.94	6.8	9500	1.98	575
CHP018A(G)KC*	FCV24****	15600	11	0.74	9.75	1600	15800	3.02	6.8	9300	2.04	575
CHP018A(G)KC*	FCX24****	16000	10.2	0.74	9.25	1729.7	15400	3	6.8	9800	2.02	600
CHP018A(G)KC*	FWM18****	15600	10	0.74	9.4	1659.6	16000	3.04	6.8	9300	2.04	575
CHP018A(G)KC*	FWM18****+TXV	15600	10.5	0.74	9.8	1591.8	15800	3.04	6.8	9200	2.02	575
CHP018A(G)KC*	FWM24****	16400	10	0.74	9.25	1773	16200	3.08	6.8	9600	2.04	600
CHP024A(G)KC*	EBP24****	22800	10	0.76	8.75	2605.7	24400	3.12	7.2	15300	2.12	800
CHP024A(G)KC*	EBP24****+TXV	23000	10	0.76	8.9	2584.3	24400	3.12	7.2	15300	2.12	800
CHP024A(G)KC*	EBP30****	23000	10	0.76	8.9	2584.3	24400	3.14	7.2	15300	2.12	800
CHP024A(G)KC*	EBP30****+TXV	23200	10.2	0.76	9.1	2549.5	24400	3.14	7.2	15300	2.12	800
CHP024A(G)KC*	EBV24****	24000	11	0.76	9.6	2500	24400	3.36	7.6	15100	2.22	800
CHP024A(G)KC*	EBX24****	23200	10.2	0.76	9.1	2549.5	24400	3.14	7.2	15300	2.12	800
CHP024A(G)KC*	EP*30F****+MV12F19****+TXV	22600	10.3	0.76	9.35	2417.1	23000	3.22	7	14400	2.18	790
CHP024A(G)KC*	EX*24B****+MV08B15****	23400	10.5	0.76	9.7	2412.4	23600	3.28	7.4	14800	2.24	730
CHP024A(G)KC*	EX*24B****+TD1	23400	10	0.76	8.9	2629.2	24400	3.14	6.8	15500	2.14	800
CHP024A(G)KC*	EX*24F****+MV12F19****	23400	11	0.76	9.75	2400	23600	3.3	7.4	14800	2.24	740
CHP024A(G)KC*	EX*24F****+TD1	23400	10	0.76	8.9	2629.2	24400	3.14	6.8	15500	2.14	800
CHP030A(G)KC*	EBP30****	27400	10	0.76	8.9	3078.7	29600	3.22	7.2	18900	2.22	1000
CHP030A(G)KC*	EBP30****+TXV	27400	10.3	0.76	9.3	2946.2	29600	3.24	7.2	18900	2.24	1000
CHP030A(G)KC*	EBP36****	27400	10	0.76	8.85	3096	29600	3.18	7.2	19200	2.2	875
CHP030A(G)KC*	EBP36****+TXV	27600	10.1	0.76	9.15	3016.4	29600	3.22	7.2	19200	2.22	1000
CHP030A(G)KC*	EBV36****	28400	11	0.76	10	2840	29400	3.4	7.6	18600	2.36	1000
CHP030A(G)KC*	EBX36****	28000	10.3	0.76	9.25	3027	29600	3.24	7.4	19100	2.24	1000
CHP030A(G)KC*	EP*36B****+TD1	26400	10	0.76	8.8	3000	29400	3.18	7.2	18800	2.2	900
CHP030A(G)KC*	EP*36F****+MV12F19****+TXV	27400	10.5	0.76	9.85	2781.7	29200	3.44	7.6	18400	2.36	1020
CHP030A(G)KC*	EP*36F****+MV16J22****+TXV	27600	11	0.76	10.05	2746.3	29000	3.44	7.6	18300	2.38	1005
CHP030A(G)KC*	EP*36F****+TD1	26400	10	0.76	8.8	3000	29400	3.18	7.2	18800	2.2	900
CHP030A(G)KC*	EP*36J****+TD1	26400	10	0.76	8.8	3000	29400	3.18	7.2	18800	2.2	900
CHP030A(G)KC*	EX*36F****+MV12F19****	28400	11	0.76	10.15	2798	29200	3.52	7.8	18600	2.42	1015
CHP030A(G)KC*	EX*36F****+TD1	28000	10.2	0.76	9.3	3010.8	29800	3.32	7.4	19200	2.26	1000
CHP030A(G)KC*	EX*36J****+MV16J22****	27400	11	0.76	10.35	2647.3	29200	3.56	7.6	18400	2.44	1010
CHP030A(G)KC*	EX*36J****+TD1	28000	10.2	0.76	9.3	3010.8	29800	3.32	7.4	19200	2.26	1000
CHP030A(G)KC*	FCX36****	28000	10.2	0.76	9.25	3027	29800	3.3	7.4	19300	2.26	1000
CHP036A(G)KC*	EBP36****	34000	10	0.77	9.2	3695.7	35000	3.1	7.2	22200	2.18	1200
CHP036A(G)KC*	EBP36****+TXV	34000	10.1	0.77	9.3	3655.9	34600	3.2	7.2	22000	2.18	1200
CHP036A(G)KC*	EBP42****	34800	10	0.77	9.4	3702.1	34600	3.24	7.2	22000	2.22	1200
CHP036A(G)KC*	EBP42****+TXV	35000	10.2	0.77	9.5	3684.2	34600	3.24	7.4	22000	2.22	1200
CHP036A(G)KC*	EBV36****	35400	11	0.77	10.05	3522.4	34200	3.34	7.6	21400	2.3	1200
CHP036A(G)KC*	EBX36****	35000	10.2	0.77	9.5	3684.2	34600	3.24	7.4	22000	2.22	1200
CHP036A(G)KC*	EMH42F****+TD1	34000	10.2	0.77	9.4	3617	32000	3.2	7.2	21800	2.24	1100
CHP036A(G)KC*	EP*36B****+TD1	32400	10	0.77	9.15	3541	32400	3.2	7.2	21400	2.18	1000
CHP036A(G)KC*	EP*36B****+TD1+TXV	32400	10	0.77	9.15	3541	34200	3.14	7.2	21600	2.18	1000
CHP036A(G)KC*	EP*36F****+TD1	33000	10	0.77	9.1	3626.4	34600	3.24	7.2	21800	2.2	1200
CHP036A(G)KC*	EP*36F****+TD1+TXV	33000	10	0.77	9.1	3626.4	34600	3.16	7.2	22000	2.2	1200
CHP036A(G)KC*	EP*36J****+TD1	33000	10	0.77	9.1	3626.4	34600	3.24	7.2	21800	2.2	1200
CHP036A(G)KC*	EP*36J****+TD1+TXV	33000	10	0.77	9.1	3626.4	34600	3.16	7.2	22000	2.2	1200
CHP036A(G)KC*	EP*42F****+MV12F19****+TXV	34200	10.5	0.77	10	3420	32400	3.34	7.4	21400	2.32	1095
CHP036A(G)KC*	EP*42F****+TD1	34200	10	0.77	9.45	3619	33600	3.38	7.4	21800	2.24	1100
CHP036A(G)KC*	EP*42F****+TD1+TXV	34200	10.2	0.77	9.45	3619	32800	3.24	7.2	21800	2.24	1100
CHP036A(G)KC*	EP*42J****+MV16J22****+TXV	34200	10.5	0.77	9.7	3525.8	31600	3.24	7.4	21800	2.28	1210

Many matches require a pin change. Always check pin size to insure maximum performance. TD1=AMA001TDA Indoor Blower Time Delay Kit, required to make SEER indicated. All products using an electronic fan control satisfy TD1 requirements. TXV=Thermostatic Expansion Valve, TXV153 (AMF153) replaces HTXV1,2 or 3 where listed in ratings, TXV335 (AMF335) Replaces HTXV4 or 5 where listed in ratings. EP* = EPA, EPD, EPM series of coils. EX* = EXA, EXD, EXM series of coils.

PERFORMANCE DATA COOLING & HEATING

Outdoor Model	Indoor Model	Cooling 95° F					Heating 47° F			Heating 17° F		Indoor CFM
		Btuh	SEER	S/T	EER	Watts	Btuh	COP	HSPF	Btuh	COP	
CHP036A(G)KC*	EP*42J****+TD1	34200	10	0.77	9.4	3638.3	33200	3.36	7.4	21800	2.26	1200
CHP036A(G)KC*	EP*42J****+TD1+TXV	34200	10.2	0.77	9.4	3638.3	32000	3.2	7.2	22000	2.24	1200
CHP036A(G)KC*	EX*36B****+TD1	34800	10.2	0.77	9.6	3625	31600	3.22	7.2	22000	2.24	1100
CHP036A(G)KC*	EX*36F****+MV12F19****	35000	10.5	0.77	10.15	3448.3	31200	3.34	7.5	21400	2.34	1100
CHP036A(G)KC*	EX*36F****+TD1	35000	10.3	0.77	9.6	3645.8	33200	3.4	7.4	21800	2.26	1100
CHP036A(G)KC*	EX*36J****+MV16J22****	35000	11	0.77	10.35	3381.6	29800	3.32	7.5	21400	2.38	1225
CHP036A(G)KC*	EX*36J****+TD1	35000	10.3	0.77	9.6	3645.8	32400	3.34	7.4	22000	2.28	1200
CHP036A(G)KC*	FCP36****	33000	10	0.77	9.05	3646.4	34600	3.24	7.2	22000	2.2	1200
CHP036A(G)KC*	FCP36****+TXV	33000	10	0.77	9.05	3646.4	34600	3.14	7.2	22000	2.2	1200
CHP036A(G)KC*	FCP42****	34000	10	0.77	9.2	3695.7	33400	3.32	7.2	22000	2.22	1200
CHP036A(G)KC*	FCP42****+TXV	34000	10	0.77	9.25	3675.7	32000	3.16	7.2	22200	2.2	1200
CHP036A(G)KC*	FCX36****	34600	10.2	0.77	9.5	3642.1	32400	3.34	7.2	22000	2.26	1200
CHP042A(G)KC*	EBP42****	40000	10	0.78	8.65	4624.3	36800	2.92	7	25200	2.08	1400
CHP042A(G)KC*	EBP42****+TXV	39500	10	0.78	8.75	4514.3	36800	2.92	7	25200	2.08	1400
CHP042A(G)KC*	EBP48****	40500	10	0.78	8.75	4628.6	36800	3	7.2	25200	2.12	1400
CHP042A(G)KC*	EBP48****+TXV	40500	10.2	0.78	8.9	4550.6	37000	3	7.2	25200	2.12	1400
CHP042A(G)KC*	EBV48****	42000	11	0.78	9.75	4307.7	36400	3.22	7.5	24600	2.28	1400
CHP042A(G)KC*	EBX48****	41000	10.3	0.78	9.05	4330.4	37000	3.06	7.3	25400	2.16	1400
CHP042A(G)KC*	EP*42F****+TD1	39000	10	0.78	8.7	4482.8	37400	2.98	7.2	25400	2.14	1400
CHP042A(G)KC*	EP*42J****+TD1	39000	10	0.78	8.7	4482.8	37400	2.98	7.2	25400	2.14	1400
CHP042A(G)KC*	EP*48F****+MV16J22****+TXV	39000	10.5	0.78	9.35	4171.1	37000	3.12	7.4	26600	2.28	1385
CHP042A(G)KC*	EP*48J****+TD1	39000	10	0.78	8.75	4457.1	37600	3.02	7.3	25400	2.16	1400
CHP042A(G)KC*	EP*48J****+MV16J22****+TXV	39500	10.5	0.78	9.45	4179.9	37000	3.2	7.4	26600	2.32	1415
CHP042A(G)KC*	EP*48J****+TD1	39500	10	0.78	8.8	4488.6	37600	3.06	7.3	25400	2.18	1400
CHP042A(G)KC*	EP*48L****+TD1	39500	10	0.78	8.8	4488.6	37600	3.06	7.3	25400	2.18	1400
CHP042A(G)KC*	EP*48N****+MV16J22****+TXV	39500	10.5	0.78	9.5	4157.9	37000	3.2	7.4	26600	2.32	1430
CHP042A(G)KC*	EP*48N****+TD1	39500	10	0.78	8.8	4488.6	37600	3.06	7.3	25400	2.18	1400
CHP042A(G)KC*	EX*42J****+MV16J22****	40000	10.5	0.78	9.55	4188.5	37400	3.22	7.6	26600	2.32	1385
CHP042A(G)KC*	EX*42J****+TD1	39500	10.2	0.78	9	4388.9	37800	3.1	7.4	25600	2.2	1400
CHP042A(G)KC*	EX*48L****+TD1	39500	10.2	0.78	9	4388.9	37000	3.12	7.4	25600	2.2	1400
CHP042A(G)KC*	EX*48N****+TD1	39500	10.2	0.78	9	4388.9	37000	3.12	7.4	25600	2.2	1400
CHP048A(G)KC*	EBP48****	44500	10	0.77	9	4944.4	46500	3.22	7.4	30200	2.3	1600
CHP048A(G)KC*	EBP48****+TXV	44500	10.2	0.77	9.05	4917.1	46500	3.22	7.4	30200	2.3	1600
CHP048A(G)KC*	EBP60****	45000	10	0.77	9.05	4972.4	47000	3.26	7.4	30600	2.32	1600
CHP048A(G)KC*	EBP60****+TXV	45000	10.2	0.77	9.1	4945.1	46000	3.26	7.4	30400	2.32	1600
CHP048A(G)KC*	EBV48****	46000	11	0.77	9.7	4742.3	45500	3.4	7.6	29800	2.42	1600
CHP048A(G)KC*	EBV60****	47000	11	0.77	9.95	4723.6	45000	3.52	7.8	29600	2.48	1600
CHP048A(G)KC*	EBX48****	45500	10.3	0.77	9.3	4892.5	46500	3.32	7.4	30200	2.34	1600
CHP048A(G)KC*	EBX60****	46000	10.5	0.77	9.4	4893.6	46000	3.38	7.4	30400	2.36	1600
CHP048A(G)KC*	EMH48F****+TD1	43000	10	0.77	9.05	4751.4	46000	3.26	7.4	30000	2.34	1600
CHP048A(G)KC*	EP*48J****+TD1	43500	10	0.77	9.05	4806.6	46000	3.28	7.4	30000	2.34	1600
CHP048A(G)KC*	EP*48J****+TD1+TXV	43500	10.2	0.77	9.15	4754.1	45500	3.22	7.4	29600	2.32	1400
CHP048A(G)KC*	EP*60J****+TD1	44000	10	0.77	9.15	4808.7	46000	3.36	7.6	30000	2.36	1600
CHP048A(G)KC*	EP*60J****+TD1+TXV	44500	10.2	0.77	9.2	4837	46000	3.36	7.6	30000	2.36	1600
CHP048A(G)KC*	EP*60N****+TD1	44000	10	0.77	9.15	4808.7	46000	3.36	7.6	30000	2.36	1600
CHP048A(G)KC*	EP*60N****+TD1+TXV	44500	10.2	0.77	9.2	4837	46000	3.36	7.6	30000	2.36	1600
CHP048A(G)KC*	EX*48L****+TD1	44000	10.2	0.77	9.25	4756.8	46500	3.34	7.4	29800	2.36	1500
CHP048A(G)KC*	EX*48N****+MV20N26****	44500	10.5	0.77	9.65	4611.4	46000	3.46	7.8	29800	3.36	1625
CHP048A(G)KC*	EX*48N****+TD1	44000	10.2	0.77	9.25	4756.8	46000	3.32	7.4	29800	2.36	1500
CHP048A(G)KC*	FCP48****	43000	10	0.77	8.9	4831.5	46000	3.26	7.2	30200	2.32	1600
CHP048A(G)KC*	FCP48****+TXV	43500	10	0.77	8.95	4860.3	46000	3.26	7.4	30200	2.32	1600
CHP048A(G)KC*	FCP60****	43500	10	0.77	8.9	4887.6	46500	3.3	7.4	30400	2.32	1600
CHP048A(G)KC*	FCX48****	44000	10	0.77	8.95	4916.2	46500	3.28	7.4	30400	2.32	1600
CHP060A(G)KC*	EBP60****	56500	10	0.73	8.75	6457.1	60000	3.14	7.6	39000	2.36	1800
CHP060A(G)KC*	EBP60****+TXV	57000	10	0.73	8.85	6440.7	60000	3.14	7.6	39000	2.36	1800
CHP060A(G)KC*	EBV60****	56000	10.5	0.73	9.3	6021.5	60000	3.36	8	38000	2.48	1750
CHP060A(G)KC*	EBX60****	58000	10.2	0.73	9.1	6373.6	60000	3.26	7.8	39000	2.4	1800
CHP060A(G)KC*	EE*60J****+TD1	51000	10	0.73	8.65	5896	59000	3	7.4	37600	2.32	1400
CHP060A(G)KC*	EP*60J****+TD1	53500	10	0.73	8.75	6114.3	59000	3.2	7.4	38500	2.4	1700
CHP060A(G)KC*	EP*60L****+TD1	53500	10	0.73	8.75	6114.3	59000	3.2	7.4	38500	2.4	1700
CHP060A(G)KC*	EP*60N****+TD1	53500	10	0.73	8.75	6114.3	59000	3.2	7.4	38500	2.4	1700
CHP060A(G)KC*	EX*60L****+TD1	57000	10.3	0.73	9.2	6195.7	59000	3.28	7.4	38500	2.44	1700
CHP060A(G)KC*	EX*60N****+MV20N26****	58000	10.5	0.73	9.55	6073.3	59000	3.34	7.8	38500	2.48	1830
CHP060A(G)KC*	EX*60N****+TD1	57000	10.3	0.73	9.2	6195.7	59000	3.28	7.6	38500	2.44	1700
CHP060A(G)KC*	FCP60****	54000	10	0.73	8.6	6279.1	59000	3.2	7.4	39000	2.38	1800
CHP060A(G)KC*	FCV60****	57000	10.3	0.73	9.2	6195.7	59000	3.24	7.8	38500	2.42	1660
CHP060A(G)KC*	FCX60****	58000	10.2	0.73	9.1	6373.6	59000	3.26	7.4	39000	2.42	1800

Many matches require a pin change. Always check pin size to insure maximum performance. TD1=AMA001TDA Indoor Blower Time Delay Kit, required to make SEER indicated. All products using an electronic fan control satisfy TD1 requirements. TXV=Thermostatic Expansion Valve, TXV153 (AMF153) replaces HTXV1,2 or 3 where listed in ratings, TXV335 (AMF335) Replaces HTXV4 or 5 where listed in ratings. EP*=EPA, EPD, EPM series of coils. EX*=EXA, EXD, EXM series of coils.

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER * PRODUCT FAMILY N = Brand	HP	0	24	A	K	C
						SALES CODE ELECTRICAL K = 208/230-1-60 H = 208/230-3-60
PRODUCT TYPE AC = Air Conditioning CA = Condenser A/C HP = Heat Pump CH = Condenser H/P						CONNECTIONS A = Sweat / Valve G = Sweat / Valve w/Coil Guard
NOMINAL SEER RATING 0 = 10 2 = 12 4 = 14						NOMINAL CAPACITY MBTUH 18 = 18,000 24 = 24,000 30 = 30,000 36 = 36,000 42 = 42,000 48 = 48,000 60 = 60,000

EXTENDED REFRIGERANT LINE CORRECTION FACTORS

Varying Line Length in Feet (m) vs. Total Capacity Multiplier					
25 (8)	50 (15)	75 (23)	100 (30)	125 (38)	150 (46)
1.00	.99	.98	.96	.94	.92

REFRIGERANT CHARGE DATA

All models are factory charged with R-22 for outdoor unit, 25' (8m) of refrigerant line and matching indoor section.
Refrigerant charge correction per foot (305mm) of line:
1/4" O.D. = .25 oz.; 5/16" O.D. = .45 oz.; 3/8" O.D. = .60 oz.;
1/2" O.D. = 1.2 oz.

VOLTAGE CORRECTION FACTORS

Volts	Capacity	Watts
208	.98	.99

INDOOR AIRFLOW CORRECTION TABLE

% Rated Air	90	95	100	105	110
Total Cap. Mult.	.98	.99	1.00	1.01	1.03
Sens Cap. Mult.	.95	.98	1.00	1.03	1.05

INDOOR TEMPERATURE CORRECTION TABLE (Based on 95°F Ambient)

Indoor D.B. °F (°C).	Correction Factor	Entering Indoor Wet Bulb °F (°C).						
		59 (15)	61 (16)	63 (17)	65 (18)	67 (19)	69 (20)	71 (21)
70 (21)	Total Cap. Mult.	.90	.93	.96	.99	1.02	-	-
	Sens Cap. Mult.	.86	.85	.82	.77	.70	-	-
75 (24)	Total Cap. Mult.	.89	.92	.95	.98	1.01	1.04	-
	Sens Cap. Mult.	1.04	1.03	1.00	.95	.88	.78	-
80 (26)	Total Cap. Mult.	.88	.91	.94	.97	1.00	1.03	1.06
	Sens Cap. Mult.	1.18	1.17	1.14	1.08	1.00	.89	.73
85 (29)	Total Cap. Mult.	-	.90	.93	.96	.99	1.02	1.05
	Sens Cap. Mult.	-	1.29	1.26	1.20	1.11	.98	.81

Bold Type = approximately 50% Relative Humidity