

**High
Efficiency**

14+

AIRQUEST®

14+ 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.



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 anti-cycle 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
- Standard 5 year limited warranty on parts
- Ten (10) year limited compressor warranty
- Covered under the 5 year No Hassle Replacement Warranty Program

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	HHP424AKC	HHP430AKC	HHP436AKC	HHP442AKC	HHP448AKC	HHP460AKC
Max. Cooling Capacity (Btuh)	23800	27200	34600	39500	44500	57500
Max. Heating Capacity (Btuh)	24600	29000	33400	38500	47000	58000
SEER Label	14	14	14	14	14	14
Sound Rating Decibels	74	76	76	76	78	78
Fan HP / Type / Speeds	1/8-PSC-1	1/8-PSC-1	1/8-PSC-1	1/4-PSC-1	1/4-PSC-1	1/4-PSC-1
Fan RPM / est. CFM (high speed)	840 / 2750	840 / 2750	840 / 2750	840 / 3700	840 / 3900	840 / 4000
Coil Face Area (Sq Ft)	26.4	26.4	26.4	26.4	26.4	26.4
Coil Rows / Fins Per Inch	2 / 22	2 / 22	2 / 22	2 / 22	2 / 22	2 / 22
Line Connection Suction I.D. Size (In.)	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
Factory Charge - R22 (Oz)	300	292	330	375	333	400
Weight Lbs. (Ship)	285	295	307	315	325	342

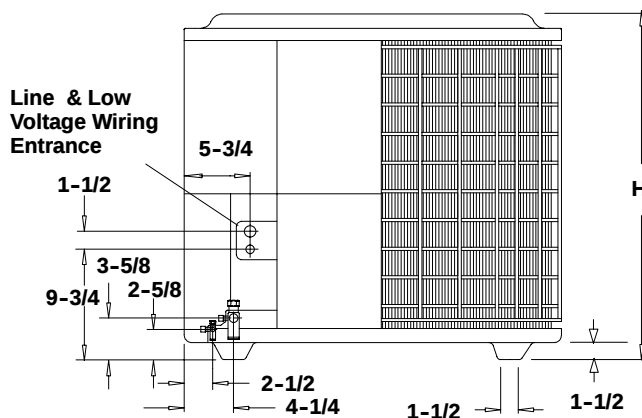
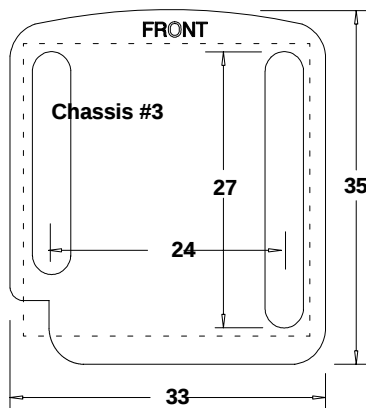
Electrical Specifications - 208 / 230 - 1 - 60, Voltage Range 197V - 253V

Minimum Circuit Ampacity	14.4	18.4	20.8	27.4	26.6	36.5
Wire Size (AWG Cu) / Max. Length (Ft)	14 / 49	14 / 39	12 / 54	10 / 66	10 / 68	8 / 77
Time Delay Fuse (Amps)	20	30	30	40	40	60
Max. Fuse or HACR Breaker Size (Amps)	20	30	30	40	40	60
Compressor Full Run / Lock Rotor Amps	10.9 / 54	14.1 / 72.5	16 / 88	20.7 / 95	20.1 / 109	28 / 169
Fan Full Load / Lock Rotor Amps	.8 / 1.5	.8 / 1.5	.8 / 1.5	1.5 / 2.9	1.5 / 2.9	1.5 / 2.9

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

Chassis #3 27" W X 28" D

Dimensions		
Model	Chassis	Height (H)
424	3	42-5/8
430	3	42-5/8
436	3	42-5/8
442	3	42-5/8
448	3	42-5/8
460	3	42-5/8



ALL DIMENSIONS IN INCHES

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	EER	Watts	Btuh	COP	HSPF	Btuh	COP	
HHP424A(G)KC*	EBV24****	23800	14	0.48	12.2	1950.8	24600	3.48	8	15400	2.06	800
HHP424A(G)KC*	EBX36****	23200	12.5	0.48	11.2	2071.4	25000	3.22	7.4	15700	1.9	800
HHP424A(G)KC*	EX*36B****+*8MPV050	23200	13.5	0.48	12.15	1909.5	23800	3.64	8	14800	2.22	780
HHP424A(G)KC*	EX*36B****+MV08B15****	23200	14	0.48	12.65	1834	24000	3.82	8.2	15000	2.34	770
HHP424A(G)KC*	EX*36B****+TD1	23200	12.5	0.48	11.25	2062.2	24400	3.62	8	15600	2.22	800
HHP424A(G)KC*	EX*36F****+*8MPV050	23200	13.5	0.48	12.15	1909.5	24000	3.76	8.2	15200	2.3	780
HHP424A(G)KC*	EX*36F****+*9MPV050	23400	13.5	0.48	12.05	1941.9	23800	3.62	8	14800	2.2	765
HHP424A(G)KC*	EX*36F****+*9MPV075	23400	13.5	0.48	12.15	1925.9	23800	3.68	8	14800	2.24	815
HHP424A(G)KC*	EX*36F****+MV12F19****	23200	14	0.48	12.7	1826.8	24000	3.86	8.2	15000	2.36	790
HHP424A(G)KC*	EX*36F****+NTV6050	23200	14	0.48	12.4	1871	24000	3.8	8.2	15100	2.32	785
HHP424A(G)KC*	EX*36F****+NTV6075	23200	14	0.48	12.45	1863.5	24000	3.88	8.2	15100	2.34	850
HHP424A(G)KC*	EX*36F****+TD1	23200	12.5	0.48	11.25	2062.2	24400	3.62	8	15600	2.22	800
HHP424A(G)KC*	EX*36J****+TD1	23200	12.5	0.48	11.25	2062.2	24400	3.62	8	15600	2.22	800
HHP430A(G)KC*	EBV36****	27200	14	0.79	11.45	2375.5	29000	3.34	8.4	18500	2.36	875
HHP430A(G)KC*	EBX36****	27000	12.5	0.79	10.45	2583.7	29000	3.54	8.4	18800	2.3	950
HHP430A(G)KC*	EBX48****	27400	13	0.79	10.6	2584.9	27800	4.08	8.4	17000	2.92	875
HHP430A(G)KC*	EX*36B****+TD1	27000	12.5	0.79	10.5	2571.4	28800	3.76	8.4	17200	2.54	950
HHP430A(G)KC*	EX*36F****+*8MPV075	27200	13.5	0.79	11.3	2407.1	28200	3.86	8.4	16700	2.62	905
HHP430A(G)KC*	EX*36F****+*9MPV075	27200	13.5	0.79	11.1	2450.5	28200	3.82	8.4	16800	2.6	890
HHP430A(G)KC*	EX*36F****+*9MPV100	27000	13.5	0.79	11.3	2389.4	28200	3.84	8.4	16700	2.62	865
HHP430A(G)KC*	EX*36F****+MV12F19****	27200	14	0.79	11.5	2365.2	28000	3.9	8.4	16600	2.64	895
HHP430A(G)KC*	EX*36F****+NTV6075	27200	13.5	0.79	11.3	2407.1	28200	3.86	8.4	16700	2.62	900
HHP430A(G)KC*	EX*36F****+NTV6100	27600	14	0.79	11.45	2410.5	28000	4	8.4	16700	2.68	1015
HHP430A(G)KC*	EX*36F****+TD1	27000	12.5	0.79	10.5	2571.4	28800	3.76	8.4	17200	2.56	950
HHP430A(G)KC*	EX*36J****+*8MPV100	27400	13.5	0.79	11.5	2382.6	28000	3.94	8.4	16600	2.66	955
HHP430A(G)KC*	EX*36J****+*9MPV100	27200	13.5	0.79	11.35	2396.5	28000	3.88	8.4	16700	2.62	890
HHP430A(G)KC*	EX*36J****+TD1	26800	12.5	0.79	10.5	2552.4	28800	3.72	8.4	17100	2.54	875
HHP436A(G)KC*	EBV36****	34600	14	0.76	11.75	2944.7	33400	3.46	8.4	20800	2.36	1030
HHP436A(G)KC*	EBX36****	34200	13	0.76	10.95	3123.3	34000	3.12	7.85	20800	2.1	1030
HHP436A(G)KC*	EBX48****	35600	13	0.76	11.25	3164.4	32200	4.42	8.2	21400	3.44	1030
HHP436A(G)KC*	EP*42F****+MV12F19****+TXV	34600	13.5	0.76	11.45	3021.8	33000	3.68	8.6	21400	2.58	1205
HHP436A(G)KC*	EX*36F****+*8MPV075	34600	13.5	0.76	11.6	2982.8	33000	3.7	8.6	21200	2.62	1050
HHP436A(G)KC*	EX*36F****+*9MPV075	34400	13	0.76	11.35	3030.8	33200	3.64	8.6	21400	2.58	1040
HHP436A(G)KC*	EX*36F****+*9MPV100	34600	13.5	0.76	11.65	2970	33000	3.7	8.6	21200	2.62	1055
HHP436A(G)KC*	EX*36F****+MV12F19****	34600	14	0.76	11.9	2907.6	32800	3.7	8.6	21000	2.6	1015
HHP436A(G)KC*	EX*36F****+TD1	34000	13	0.76	11	3090.9	33200	3.6	8.6	21600	2.56	1030
HHP436A(G)KC*	EX*36J****+*8MPV100	34600	14	0.76	11.9	2907.6	32800	3.76	8.6	21200	2.64	1095
HHP436A(G)KC*	EX*36J****+*9MPV100	34600	13.5	0.76	11.75	2944.7	33000	3.74	8.6	21200	2.64	1095
HHP436A(G)KC*	EX*36J****+NTV6100	34600	14	0.76	12.05	2871.4	32800	3.74	8.6	21000	2.64	1055
HHP436A(G)KC*	EX*36J****+TD1	34000	13	0.76	11	3090.9	33200	3.6	8.2	21600	2.54	1030
HHP436A(G)KC*	EX*42F****+*8MPV075	35000	14	0.76	11.85	2953.6	32200	4.36	8.6	21200	3.34	1065
HHP436A(G)KC*	EX*42F****+*9MPV075	34600	13.5	0.76	11.55	2995.7	32400	4.3	8.6	21200	3.3	1055
HHP436A(G)KC*	EX*42F****+MV12F19****	35000	14	0.76	12.15	2880.7	32200	4.38	8.6	21000	3.36	1030
HHP436A(G)KC*	EX*42F****+TD1	34600	13	0.76	11.2	3089.3	32400	4.22	8.2	21400	3.24	1030
HHP436A(G)KC*	EX*42J****+*8MPV100	35000	14	0.76	12.05	2904.6	32200	4.42	8.6	21000	3.38	1070
HHP436A(G)KC*	EX*42J****+*9MPV075	35000	13	0.76	11.2	3125	32400	4.38	8.6	21600	3.3	1215
HHP436A(G)KC*	EX*42J****+*9MPV100	35000	13.5	0.76	11.65	3004.3	32400	4.46	8.6	21400	3.36	1215
HHP436A(G)KC*	EX*42J****+*9MPV125	35000	13.5	0.76	11.6	3017.2	32400	4.44	8.6	21400	3.36	1215
HHP436A(G)KC*	EX*42J****+MV16J22****	35600	14.3	0.76	12.25	2906.1	32000	4.58	8.6	21000	3.46	1200
HHP436A(G)KC*	EX*42J****+NTV6100	35000	14	0.76	12.1	2892.6	32200	4.54	8.6	21000	3.42	1195
HHP436A(G)KC*	EX*42J****+NTV6125	35000	14	0.76	12.15	2880.7	32200	4.5	8.6	21000	3.42	1140
HHP436A(G)KC*	EX*42J****+TD1	34600	13	0.76	11.2	3089.3	32400	4.22	8.2	21400	3.24	1030

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	
HHP442A(G)KC*	EBV48****	39500	14	0.75	11.75	3361.7	38500	3.46	8.2	23600	2.36	1200
HHP442A(G)KC*	EBX48****	38000	13	0.75	10.85	3502.3	38000	3.58	8	24400	2.44	1200
HHP442A(G)KC*	EP*48F****+MV16J22****+TXV	38000	13.5	0.75	11.4	3333.3	38500	3.32	7.8	23400	2.26	1210
HHP442A(G)KC*	EX*42F****+MV12F19****	38000	13.5	0.75	11.35	3348	38500	3.32	7.9	23800	2.26	1230
HHP442A(G)KC*	EX*42F****+TD1	38000	12.5	0.75	10.65	3568.1	39000	3.28	7.9	24200	2.24	1200
HHP442A(G)KC*	EX*42J****+*8MPV100	38000	13.5	0.75	11.35	3348	38500	3.32	7.9	23800	2.26	1235
HHP442A(G)KC*	EX*42J****+*8MPV125	38000	13.2	0.75	11.25	3377.8	38500	3.32	7.9	23800	2.26	1225
HHP442A(G)KC*	EX*42J****+*9MPV100	38000	13.2	0.75	11.15	3408.1	39000	3.3	7.9	23800	2.26	1215
HHP442A(G)KC*	EX*42J****+*9MPV125	38000	13.2	0.75	11.05	3438.9	39000	3.3	7.9	24000	2.26	1215
HHP442A(G)KC*	EX*42J****+MV16J22****	38500	14	0.75	11.65	3304.7	38000	3.56	8.2	23800	2.42	1200
HHP442A(G)KC*	EX*48J****+*8MPV100	38000	13.5	0.75	11.4	3333.3	38500	3.46	8.1	24000	2.36	1280
HHP442A(G)KC*	EX*48J****+*8MPV125	38000	13.5	0.75	11.3	3362.8	38500	3.44	8.1	24000	2.36	1270
HHP442A(G)KC*	EX*48J****+*9MPV100	38000	13.2	0.75	11.2	3392.9	38500	3.44	8.2	24000	2.36	1255
HHP442A(G)KC*	EX*48J****+*9MPV125	38000	13.2	0.75	11.15	3408.1	38500	3.42	8.1	24200	2.36	1255
HHP442A(G)KC*	EX*48J****+NTV6100	38500	13.5	0.75	11.6	3319	38500	3.48	8.2	23800	2.36	1240
HHP442A(G)KC*	EX*48J****+NTV6125	38000	13.5	0.75	11.6	3275.9	38500	3.46	8.2	23800	2.36	1185
HHP442A(G)KC*	EX*48J****+TD1	38000	12.5	0.75	10.65	3568.1	39000	3.38	8.1	24400	2.32	1200
HHP442A(G)KC*	EX*48L****+*8MPV125	38000	13.5	0.75	11.3	3362.8	38500	3.44	8.1	24000	2.36	1270
HHP442A(G)KC*	EX*48L****+*9MPV100	38000	13.2	0.75	11.2	3392.9	38500	3.44	8.1	24000	2.36	1255
HHP442A(G)KC*	EX*48L****+*9MPV125	38000	13.2	0.75	11.15	3408.1	38500	3.42	8.1	24200	2.36	1255
HHP442A(G)KC*	EX*48L****+TD1	38000	12.5	0.75	10.65	3568.1	39000	3.38	8	24400	2.32	1200
HHP442A(G)KC*	EX*48N****+*9MPV100	38000	13.2	0.75	11.25	3377.8	38000	3.44	8.1	24000	2.36	1260
HHP442A(G)KC*	EX*48N****+*9MPV125	38000	13.2	0.75	11.15	3408.1	38500	3.42	8.1	24200	2.36	1260
HHP442A(G)KC*	EX*48N****+NTV6100	39000	13.5	0.75	11.5	3391.3	38500	3.48	8.2	24000	2.38	1435
HHP442A(G)KC*	EX*48N****+NTV6125	38000	13.5	0.75	11.65	3261.8	38500	3.46	8.1	23800	2.36	1190
HHP442A(G)KC*	EX*48N****+TD1	38000	12.5	0.75	10.65	3568.1	39000	3.38	8	24400	2.32	1200
HHP448A(G)KC*	EBV48****	44000	14	0.75	11.35	3876.7	46500	3.24	7.5	29600	2.3	1400
HHP448A(G)KC*	EBV60****	44500	14	0.75	11.7	3803.4	46000	3.5	8.3	29200	2.48	1410
HHP448A(G)KC*	EBX48****	43000	13	0.75	10.65	4037.6	46500	3.16	7.5	30200	2.24	1400
HHP448A(G)KC*	EBX60****	43500	13	0.75	10.7	4065.4	47000	3.32	7.8	30000	2.36	1400
HHP448A(G)KC*	EP*60J****+MV16J22****+TXV	43000	13.5	0.75	11.3	3805.3	47000	3.3	7.8	29400	2.34	1460
HHP448A(G)KC*	EP*60N****+MV20N26****+TXV	43000	13.2	0.75	11.1	3873.9	47000	3.36	8	29800	2.34	1600
HHP448A(G)KC*	EX*48J****+*8MPV100	42500	13	0.75	10.9	3899.1	46500	3.22	7.8	29800	2.3	1400
HHP448A(G)KC*	EX*48J****+*9MPV100	42000	12.8	0.75	10.65	3943.7	46500	3.18	7.6	30000	2.28	1415
HHP448A(G)KC*	EX*48J****+MV16J22****	42500	13.5	0.75	11.2	3794.6	46500	3.26	7.8	29600	2.32	1410
HHP448A(G)KC*	EX*48L****+*8MPV125	42500	13	0.75	10.85	3917.1	46500	3.2	7.6	29800	2.3	1410
HHP448A(G)KC*	EX*48L****+*9MPV125	42000	12.5	0.75	10.55	3981	46500	3.16	7.5	30200	2.26	1410
HHP448A(G)KC*	EX*48N****+MV20N26****	43000	13	0.75	11.05	3891.4	46500	3.34	7.8	29800	2.34	1600
HHP448A(G)KC*	EX*60L****+*8MPV125	44500	13.5	0.75	11.4	3903.5	45500	3.48	8	29200	2.46	1455
HHP448A(G)KC*	EX*60L****+*9MPV125	44000	13	0.75	11.05	3981.9	46000	3.42	8	29400	2.42	1450
HHP448A(G)KC*	EX*60L****+TD1	44000	13	0.75	10.9	4036.7	46000	3.36	8	29600	2.38	1410
HHP448A(G)KC*	EX*60N****+*9MPV100	44000	13.2	0.75	11.15	3946.2	45500	3.42	8.1	29400	2.42	1445
HHP448A(G)KC*	EX*60N****+*9MPV125	44000	13	0.75	11.05	3981.9	46000	3.4	8.1	29400	2.42	1440
HHP448A(G)KC*	EX*60N****+MV20N26****	45000	14.1	0.75	11.55	3896.1	45500	3.6	8.3	29200	2.5	1645
HHP448A(G)KC*	EX*60N****+NTV6100	44500	14	0.75	11.65	3819.7	45500	3.5	8.3	29000	2.48	1440
HHP448A(G)KC*	EX*60N****+NTV6125	44500	14	0.75	11.7	3803.4	45500	3.48	8.2	28800	2.48	1380
HHP448A(G)KC*	EX*60N****+TD1	44000	13	0.75	10.9	4036.7	46000	3.36	8	29400	2.38	1410
HHP460A(G)KC*	EBV60****	57500	13.2	0.73	11.2	5133.9	58000	3.16	8.2	38000	2.18	1750
HHP460A(G)KC*	EBX60****	56500	12	0.73	10.55	5355.5	58000	3.06	7.8	38500	2.1	1750
HHP460A(G)KC*	EP*60J****+MV16J22****+TXV	54000	12.5	0.73	10.75	5023.3	58500	2.88	7.4	38500	1.98	1660
HHP460A(G)KC*	EP*60N****+MV20N26****+TXV	54000	12.5	0.73	10.8	5000	58500	2.84	7.4	38500	1.96	1655
HHP460A(G)KC*	EX*60L****+*8MPV125	56500	12.2	0.73	10.6	5330.2	58000	3.08	8	38500	2.12	1785
HHP460A(G)KC*	EX*60L****+*9MPV125	56000	12	0.73	10.3	5436.9	58000	3.02	7.8	39000	2.08	1805
HHP460A(G)KC*	EX*60L****+TD1	56500	12.5	0.73	10.75	5255.8	57500	3.08	7.8	38000	2.12	1700
HHP460A(G)KC*	EX*60N****+*9MPV100	56000	12.3	0.73	10.7	5233.6	57000	3.04	7.8	38000	2.12	1620
HHP460A(G)KC*	EX*60N****+*9MPV125	56000	12.2	0.73	10.6	5283	57000	3.02	7.8	38000	2.1	1625
HHP460A(G)KC*	EX*60N****+MV20N26****	57000	13	0.73	11.35	5022	56500	3.16	8	37400	2.2	1645
HHP460A(G)KC*	EX*60N****+NTV6100	56500	13	0.73	11.25	5022.2	57000	3.12	8	37400	2.18	1595
HHP460A(G)KC*	EX*60N****+NTV6125	56500	13	0.73	11.25	5022.2	57000	3.1	8	37400	2.18	1565
HHP460A(G)KC*	EX*60N****+TD1	56500	12.3	0.73	10.75	5255.8	57500	3.08	7.8	38000	2.12	1700

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	4	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