High Efficiency

10+

KeepRite®

10+ SEER - AIR CONDITIONER



Representative photo only, some models may vary in appearance.

LIMITED PARTS 5 YEAR WARRANTY

MANUFACTURER CERTIFIED TO ARI AS COMPLYING WITH UNITARY HEAT PUMP EQUIPMENT CERTIFICATION SECTIONS OF ARI STANDARD 240

c UL us LISTED

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

FEATURES

- High efficiency scroll compressors on all models
- Copper tube / aluminum fin coil
- Prepainted condenser fins
- Top air discharge for quiter operation
- G–90 Galvinized steel cabinet with integral base rails
- Triple step paint process
- Coated inlet and discharge grilles ruggedly built for enhanced coil protection
- Numerous service friendly features
- Service valves on all models with 3–1/2” stubs
- External refrigerant connections
- Easy side access sloped control panel
- Fan motor in–line disconnect plug
- Factory charged with R–22, condenser plus 25 Ft. lines
- Can be installed as close as 6” to home
- 5 Year parts, 10 Year compressor limited warranties

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

421 56 3202 00 Dec. 2003

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

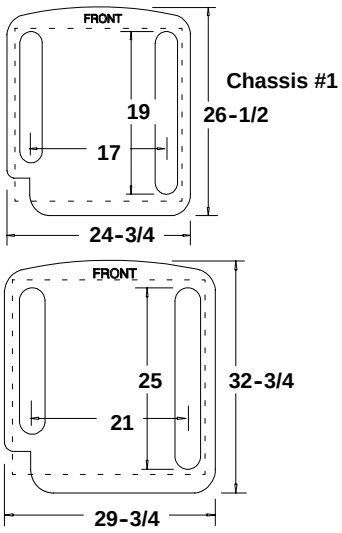
Base Specifications

Model Number	CAC018AKC CAC018GKC	CAC024AKC CAC024GKC	CAC030AKC CAC030GKC	CAC036AKC CAC036GKC	CAC042AKC CAC042GKC	CAC048AKC CAC048GKC	CAC060AKC CAC060GKC
Max. Cooling Capacity (Btuh)	17800	23600	28600	35200	41000	47000	56500
SEER Label	10	10	10	10	10	10	10
Sound Rating Decibels	71	72	75	75	75	77	77
Fan HP / Type / Speeds	1/8-PSC-1	1/5-PSC-1	1/5-PSC-1	1/4-PSC-1	1/4-PSC-1	1/3-PSC-1	1/3-PSC-1
Fan RPM / Max. CFM	1075 / 1400	1075 / 1400	1075 / 2000	1075 / 2000	1075 / 2000	1075 / 3000	1075 / 3000
Coil Face Area (Sq Ft)	10.7	10.7	11.6	11.6	12.5	16.7	16.7
Coil Rows / Fins Per Inch	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24
Line Connection Suction I.D. Size (In.)	3/4	3/4	3/4	3/4	7/8	7/8	1-1/8
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	.051	.057	.065	.073	.078	.079	.090
Factory Charge – R22 (Oz)	64	67	73	96	98	122	126
Compressor	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Weight Lbs. (Ship)	130	132	134	139	170	197	207

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

Minimum Circuit Ampacity	12.7	16.1	19.7	21.4	24.6	29.1	35.7
Wire SizelMax. Length (AWG Cu) Ft.	14 / 58	14 / 47	14 / 37	12 / 57	12 / 48	10 / 66	8 / 82
Time Delay Fuse (Amps)	15	20	25	30	30	40	50
Max. Fuse or HACR Breaker Size (Amps)	20	25	30	30	40	45	50
Compressor Full Run / Lock Rotor Amps	9.6 / 47	11.9 / 59	14.7 / 84	16.0 / 100	18.6 / 127	21.8 / 131	27.1 / 144
Fan Full Load / Lock Rotor Amps.	.66 / 1.55	1.3/ 2.36	1.3 / 2.36	1.4 / 3.00	1.4 / 3.00	1.9 / 3.7	1.9 / 3.7

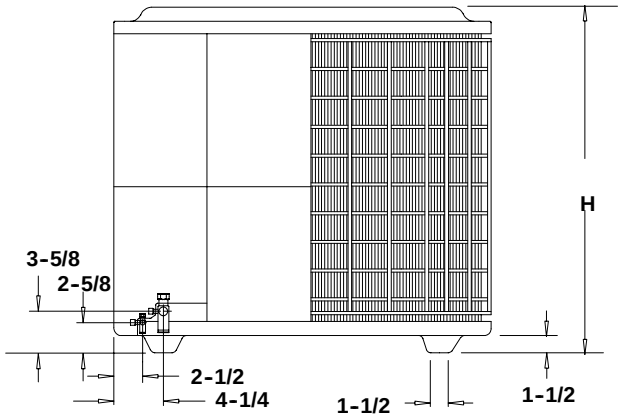
Dimensions		
Model	Chassis	Height (H)
018	1	26-1/2
024	1	26-1/2
030	1	28-1/2
036	1	28-1/2
042	1	30-1/2
048	2	30-1/2
060	2	30-1/2



ALL DIMENSIONS IN INCHES

Minimum Mounting Pad Sizes with pad starting at 9" from structure for minimum clearance of 6".

Chassis #1 **20" W X 20" D**
Chassis #2 **24" W X 26" D**



Accessory	Description	Used On
AMF153TKB	Expansion Valve Kit	1 1/2 – 3 Ton
AMF355TKB	Expansion Valve Kit	3 1/2 – 5 Ton
AMA001TDA	Indoor Blower Time Delay	All Models
AMB001CMA	Mesh Grille Guard (Pkg of 6) Trim to Fit	All Models
24370800 *	Compressor Anti–short cycle 24 Volt 3 Min. Time Delay	All Models
1070822*	Compressor Anti–short cycle 24 Volt 5 Min. Time Delay	All Models
1148671 *	Low Ambient Kit (Fan Cycling Switch)	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

Model Number	Air Handler	Rating A Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	Rating A EER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
AC018AKC	EP*18B****+TD1	17800	10	9.6	1750	600
AC018AKC	EMH24F****+TD1	18000	10.5	10	1750	600
AC018AKC	EMH30F****+TD1	18500	10.5	10.1	1750	600
AC018AKC	EP*24B****+TD1	18500	10.3	10	1750	600
AC018AKC	EP*30B****+TD1	18500	10.5	10.1	1750	600
AC018AKC	EP*30B****+NTV6050+TXV	19000	11.5	11	1750	685
AC018AKC	EP*30B****+NTV6075+TXV	19000	11.5	11.15	1750	625
AC018AKC	EP*30B****+*9MPV050+TXV	19000	11	10.7	1750	695
AC018AKC	EP*30B****+*9MPV075+TXV	19000	11	10.8	1750	710
AC018AKC	EP*30F****+TD1	18500	10.5	10.1	1750	600
AC018AKC	EPP024****+TD1	17200	10	9.45	1750	600
AC018AKC	EX*24B****+TD1	19000	11	10.55	1750	600
AC018AKC	EX*24B****+MV08B15****	19500	12	11.7	1750	665
AC018AKC	EX*24F****+TD1	19000	11	10.55	1750	600
AC018AKC	EX*24F****+*8MPV050	19500	12	11.2	1750	730
AC018AKC	EX*24F****+*9MPV050	19500	12	11.25	1750	680
AC018AKC	EX*24F****+*9MPV075	19500	12	11.4	1750	695
AC018AKC	EBP18****	18500	10.5	10.1	1750	600
AC018AKC	EBP24****	19000	11	10.4	1750	600
AC018AKC	FWM18****	18000	11	10.35	1750	600
AC018AKC	FWM24****	18500	11	10.3	1750	600
AC018AKC	EBV24****	19000	12	11.85	1750	600
AC018AKC	EBX18****	19000	11	10.65	1750	600
AC018AKC	EBX24****	19500	11	10.75	1750	600
AC018AKC	EP*18B****+TD1+TXV	17500	10.5	9.6	1750	600
AC018AKC	EP*24B****+TD1+TXV	18500	10.5	10.05	1750	600
AC018AKC	EP*30B****+TD1+TXV	18500	11	10.25	1750	600
AC018AKC	EP*30F****+TD1+TXV	18500	11	10.25	1750	600
AC018AKC	EPP024****+TD1+TXV	17500	10	9.45	1750	600
AC024AKC	EP*24B****+TD1	23600	10	9.2	1750	800
AC024AKC	EMH24F****+TD1	23600	10	9.2	1750	800
AC024AKC	EMH30F****+TD1	24000	10	9.35	1750	800
AC024AKC	EP*30B****+TD1	24000	10	9.35	1750	800
AC024AKC	EP*30F****+TD1	24000	10	9.35	1750	800
AC024AKC	EP*30F****+*8MPV050+TXV	24400	10.5	9.9	1750	810
AC024AKC	EP*30F****+*8MPV075+TXV	24800	11	9.9	1750	920
AC024AKC	EP*30F****+*8MPV100+TXV	25000	11	10.15	1750	900
AC024AKC	EP*30F****+*9MPV050+TXV	24400	10.5	9.8	1750	820
AC024AKC	EP*30F****+*9MPV075+TXV	24400	11	10	1750	815
AC024AKC	EP*30F****+*9MPV100+TXV	24800	11	10.15	1750	900
AC024AKC	EP*30F****+MV08B15****+TXV	24600	11	10.25	1750	840
AC024AKC	EP*30F****+MV12F19****+TXV	24400	11	10.3	1750	790
AC024AKC	EP*36J****+*8MPV075+TXV	25800	11.3	10.45	1750	950
AC024AKC	EP*36J****+*8MPV100+TXV	26000	11.3	10.55	1750	975
AC024AKC	EP*36J****+*8MPV125+TXV	26000	11.3	10.5	1750	975
AC024AKC	EP*36J****+*9MPV050+TXV	25200	11	10.15	1750	830
AC024AKC	EP*36J****+*9MPV075+TXV	25400	11	10.35	1750	830
AC024AKC	EP*36J****+*9MPV100+TXV	25800	11.3	10.5	1750	920
AC024AKC	EP*36J****+MV12F19****+TXV	25400	11.3	10.65	1750	800
AC024AKC	EP*36J****+MV16J22****+TXV	25800	11.3	10.75	1750	885
AC024AKC	EPP030****+TD1	23200	10	9.1	1750	800
AC024AKC	EPP036****+TD1	23600	10	9.25	1750	800
AC024AKC	EX*24B****+TD1	25200	10.5	9.75	1750	800
AC024AKC	EX*24B****+MV08B15****	25600	11.5	10.6	1750	795
AC024AKC	EX*24F****+TD1	25200	10.5	9.75	1750	800
AC024AKC	EX*24F****+NTV6050	25600	11.2	10.45	1750	820
AC024AKC	EX*24F****+NTV6075	25600	11.3	10.5	1750	800
AC024AKC	EX*24F****+*8MPV050	25600	11	10.15	1750	815
AC024AKC	EX*24F****+*8MPV075	25800	11.2	10.4	1750	875

PERFORMANCE DATA COOLING

Model Number	Air Handler	Rating A Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	Rating A EER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
AC024AKC	EX*24F****+*8MPV100	26000	11.3	10.55	1750	885
AC024AKC	EX*24F****+*9MPV050	25600	11	10	1750	855
AC024AKC	EX*24F****+*9MPV075	25800	11	10.2	1750	860
AC024AKC	EX*24F****+*9MPV100	25800	11.2	10.45	1750	835
AC024AKC	EX*24F****+MV12F19****	25800	11.3	10.65	1750	810
AC024AKC	EX*24F****+MV16J22****	25800	11.5	10.7	1750	810
AC024AKC	EX*36B****+TD1	26000	11	10	1750	800
AC024AKC	EX*36F****+TD1	26000	11	10	1750	800
AC024AKC	EX*36F****+*8MPV100	27000	11.5	10.9	1750	955
AC024AKC	EX*36F****+*8MPV125	27000	11.5	10.85	1750	960
AC024AKC	EX*36F****+*9MPV100	26800	11.5	10.75	1750	950
AC024AKC	EX*36F****+MV12F19****	26800	12	10.95	1750	920
AC024AKC	EX*36J****+TD1	26000	11	10	1750	800
AC024AKC	EBP24****	25000	10.3	9.65	1750	800
AC024AKC	EBP30****	25400	10.3	9.8	1750	800
AC024AKC	FWM24****	24800	10	9.5	1750	800
AC024AKC	FWM30****	25400	10.3	9.65	1750	800
AC024AKC	EBV24****	26200	11.3	10.65	1750	800
AC024AKC	EBX24****	25400	10.5	9.9	1750	800
AC024AKC	EMH24F****+TD1+TXV	23600	10	9.2	1750	800
AC024AKC	EMH30F****+TD1+TXV	24000	10	9.35	1750	800
AC024AKC	EP*24B****+TD1+TXV	23600	10	9.2	1750	800
AC024AKC	EP*30B****+TD1+TXV	24000	10	9.35	1750	800
AC024AKC	EP*30F****+TD1+TXV	24000	10	9.35	1750	800
AC024AKC	EP*30F****+NTV6050+TXV	24600	11	10.1	1750	860
AC024AKC	EP*30F****+NTV6075+TXV	24600	11	10.2	1750	850
AC024AKC	EPP030****+TD1+TXV	23200	10	9.05	1750	800
AC024AKC	EPP036****+TD1+TXV	23600	10	9.25	1750	800
AC030AKC	EP*30B****+TD1	28600	10	8.8	2000	1000
AC030AKC	EMH30F****+TD1	28400	10	8.8	2000	1000
AC030AKC	EMH36F****+TD1	29600	10	9	2000	1000
AC030AKC	EP*30F****+TD1	28400	10	8.8	2000	1000
AC030AKC	EP*30F****+NTV6050+TXV	28600	10.5	9.25	2000	970
AC030AKC	EP*30F****+NTV6075+TXV	28800	10.5	9.35	2000	995
AC030AKC	EP*30F****+*8MPV050+TXV	28600	10	8.85	2000	1035
AC030AKC	EP*30F****+*8MPV075+TXV	29000	10.5	9.25	2000	1060
AC030AKC	EP*30F****+*9MPV050+TXV	28400	10	8.75	2000	1025
AC030AKC	EP*30F****+*9MPV075+TXV	28800	10	9.05	2000	1050
AC030AKC	EP*30F****+MV08B15****+TXV	28800	10.5	9.4	2000	990
AC030AKC	EP*30F****+MV12F19****+TXV	29000	10.5	9.5	2000	1025
AC030AKC	EP*36B****+TD1	29600	10	9	2000	1000
AC030AKC	EP*36F****+TD1	29600	10	9	2000	1000
AC030AKC	EP*36J****+TD1	29600	10	9	2000	1000
AC030AKC	EP*36J****+NTV6075+TXV	29800	10.5	9.65	2000	1005
AC030AKC	EP*36J****+NTV6100+TXV	30200	11	9.8	2000	1050
AC030AKC	EP*36J****+NTV6125+TXV	30000	11	9.85	2000	1020
AC030AKC	EP*36J****+*8MPV075+TXV	30000	10.5	9.55	2000	1075
AC030AKC	EP*36J****+*8MPV100+TXV	30200	11	9.7	2000	1085
AC030AKC	EP*36J****+*8MPV125+TXV	30200	11	9.65	2000	1090
AC030AKC	EP*36J****+*9MPV050+TXV	29600	10	9.05	2000	1035
AC030AKC	EP*36J****+*9MPV075+TXV	29800	10.5	9.35	2000	1065
AC030AKC	EP*36J****+*9MPV100+TXV	30200	10.5	9.6	2000	1085
AC030AKC	EP*36J****+*9MPV125+TXV	30000	10.5	9.55	2000	1070
AC030AKC	EP*36J****+MV12F19****+TXV	30200	11	9.8	2000	1040
AC030AKC	EP*36J****+MV16J22****+TXV	30000	11	9.9	2000	1005
AC030AKC	EX*36B****+TD1	30600	10.5	9.4	2000	1000
AC030AKC	EX*36F****+TD1	30600	10.5	9.4	2000	1000
AC030AKC	EX*36F****+NTV6050	30600	11	9.85	2000	965
AC030AKC	EX*36F****+NTV6075	30600	11	9.95	2000	985
AC030AKC	EX*36F****+*8MPV050	31000	10.5	9.45	2000	1030

PERFORMANCE DATA COOLING

Model Number	Air Handler	Rating A Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	Rating A EER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
AC030AKC	EX*36F****+*9MPV050	31000	10.3	9.35	2000	1020
AC030AKC	EX*36F****+*9MPV075	31000	10.5	9.65	2000	1040
AC030AKC	EX*36F****+MV12F19****	31000	11	10.1	2000	1015
AC030AKC	EX*36J****+TD1	31000	10.5	9.4	2000	1000
AC030AKC	EX*36J****+NTV6100	31000	11	10.2	2000	1055
AC030AKC	EX*36J****+NTV6125	31000	11	10.2	2000	1025
AC030AKC	EX*36J****+*8MPV100	31000	11	10.1	2000	1095
AC030AKC	EX*36J****+*8MPV125	31000	11	10.05	2000	1100
AC030AKC	EX*36J****+*9MPV100	31000	11	9.95	2000	1095
AC030AKC	EX*36J****+*9MPV125	31000	11	9.9	2000	1075
AC030AKC	EBP30****	30200	10	9.2	2000	1000
AC030AKC	EBP36****	30600	10	9.05	2000	1000
AC030AKC	FWM30****	30400	10	9.1	2000	1000
AC030AKC	EBV36****	31000	11	9.95	2000	1000
AC030AKC	EBX36****	30800	10.3	9.35	2000	1000
AC030AKC	EMH30F****+TD1+TXV	28400	10	8.8	2000	1000
AC030AKC	EMH36F****+TD1+TXV	29400	10	9.05	2000	1000
AC030AKC	EP*30B****+TD1+TXV	28400	10	8.8	2000	1000
AC030AKC	EP*30F****+TD1+TXV	28400	10	8.8	2000	1000
AC030AKC	EP*36B****+TD1+TXV	29400	10	9.05	2000	1000
AC030AKC	EP*36F****+TD1+TXV	29400	10	9.05	2000	1000
AC030AKC	EP*36J****+TD1+TXV	29400	10	9.05	2000	1000
AC036AKC	EP*36F****+TD1	35200	10	8.95	2000	1200
AC036AKC	EP*36B****+TD1	34200	10	9	2000	1000
AC036AKC	EMH36F****+TD1	35000	10	8.95	2000	1200
AC036AKC	EMH42F****+TD1	35600	10.2	9.2	2000	1100
AC036AKC	EP*36J****+TD1	35000	10	8.95	2000	1200
AC036AKC	EP*36J****+NTV6100+TXV	35600	10.5	9.6	2000	1210
AC036AKC	EP*36J****+NTV6125+TXV	35200	10.5	9.6	2000	1155
AC036AKC	EP*36J****+*8MPV100+TXV	35600	10.5	9.45	2000	1250
AC036AKC	EP*36J****+*8MPV125+TXV	35400	10.5	9.4	2000	1240
AC036AKC	EP*36J****+*9MPV100+TXV	35400	10.5	9.3	2000	1230
AC036AKC	EP*36J****+*9MPV125+TXV	35400	10.2	9.25	2000	1230
AC036AKC	EP*36J****+MV12F19****+TXV	35400	10.5	9.45	2000	1240
AC036AKC	EP*36J****+MV16J22****+TXV	35600	10.5	9.65	2000	1215
AC036AKC	EP*42F****+TD1	35600	10	9.2	2000	1100
AC036AKC	EP*42J****+TD1	36000	10	9.2	2000	1200
AC036AKC	EP*42J****+NTV6100+TXV	35400	10.5	9.55	2000	990
AC036AKC	EP*42J****+NTV6125+TXV	35400	10.5	9.55	2000	940
AC036AKC	EP*42J****+*8MPV100+TXV	36000	10.5	9.5	2000	1055
AC036AKC	EP*42J****+*8MPV125+TXV	35800	10.3	9.4	2000	1035
AC036AKC	EP*42J****+*9MPV100+TXV	35600	10.3	9.35	2000	1045
AC036AKC	EP*42J****+*9MPV125+TXV	35600	10.2	9.25	2000	1040
AC036AKC	EP*42J****+MV12F19****+TXV	35600	10.3	9.45	2000	1065
AC036AKC	EP*42J****+MV16J22****+TXV	35600	10.5	9.65	2000	1000
AC036AKC	EP*48N****+NTV6125+TXV	36000	11	10.1	2000	1185
AC036AKC	EP*48N****+*8MPV125+TXV	36000	11	9.9	2000	1270
AC036AKC	EP*48N****+*9MPV125+TXV	36000	10.5	9.75	2000	1255
AC036AKC	EX*36B****+TD1	36000	10.3	9.4	2000	1100
AC036AKC	EX*36F****+TD1	36000	10.3	9.4	2000	1100
AC036AKC	EX*36F****+NTV6050	36000	10.5	9.6	2000	1125
AC036AKC	EX*36F****+NTV6100	36000	11	10	2000	1170
AC036AKC	EX*36F****+NTV6125	36000	11	10	2000	1115
AC036AKC	EX*36F****+*8MPV050	36000	10	9	2000	1175
AC036AKC	EX*36F****+*8MPV100	36000	11	9.85	2000	1210
AC036AKC	EX*36F****+*8MPV125	36000	11	9.8	2000	1200
AC036AKC	EX*36F****+*9MPV050	36000	10	8.95	2000	1165
AC036AKC	EX*36F****+*9MPV100	36000	10.5	9.7	2000	1195
AC036AKC	EX*36F****+MV12F19****	36000	11	9.85	2000	1210

PERFORMANCE DATA COOLING

Model Number	Air Handler	Rating A Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	Rating A EER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
AC036AKC	EX*36F****+MV16J22****	36000	11	10.05	2000	1175
AC036AKC	EX*36J****+TD1	36000	10.3	9.4	2000	1200
AC036AKC	EX*48N****+NTV6125	37000	11	10.25	2000	1190
AC036AKC	EX*48N****+*8MPV125	37000	11	10	2000	1280
AC036AKC	EX*48N****+*9MPV125	37000	11	9.85	2000	1260
AC036AKC	EBP36****	36000	10	9.05	2000	1200
AC036AKC	EBP42****	37000	10	9.2	2000	1200
AC036AKC	EBV36****	37000	11	9.85	2000	1200
AC036AKC	EBX36****	37000	10.5	9.3	2000	1200
AC036AKC	EMH36F****+TD1+TXV	35000	10	8.95	2000	1200
AC036AKC	EMH42F****+TD1+TXV	36000	10.25	9.25	2000	1100
AC036AKC	EP*36B****+TD1+TXV	34000	10	8.95	2000	1000
AC036AKC	EP*36F****+TD1+TXV	35000	10	8.95	2000	1200
AC036AKC	EP*36J****+TD1+TXV	35000	10	8.95	2000	1200
AC036AKC	EP*42F****+TD1+TXV	36000	10.25	9.25	2000	1100
AC036AKC	EP*42J****+TD1+TXV	36000	10.25	9.25	2000	1200
AC042AKC	EP*42J****+TD1	41000	10	9	2000	1400
AC042AKC	EP*42F****+TD1	39500	10	9.05	2000	1100
AC042AKC	EMH42F****+TD1	39500	10	9.05	2000	1100
AC042AKC	EMH48F****+TD1	41000	10	9.15	2000	1300
AC042AKC	EP*42J****+MV16J22****+TXV	41000	10.25	9.05	2000	1435
AC042AKC	EP*42J****+TD1	41000	10	9	2000	1400
AC042AKC	EP*42J****+NTV6100+TXV	41000	10.25	9.1	2000	1385
AC042AKC	EP*42J****+NTV6125+TXV	41000	10.25	9.15	2000	1360
AC042AKC	EP*42J****+*8MPV100+TXV	41000	10	8.9	2000	1425
AC042AKC	EP*42J****+*8MPV125+TXV	39500	10	8.85	2000	1395
AC042AKC	EP*48F****+TD1	41000	10	9.1	2000	1300
AC042AKC	EP*48J****+TD1	42000	10	9.1	2000	1400
AC042AKC	EP*48N****+TD1	42000	10	9.1	2000	1400
AC042AKC	EP*48N****+NTV6100+TXV	42000	10.5	9.65	2000	1420
AC042AKC	EP*48N****+NTV6125+TXV	42000	11	9.7	2000	1360
AC042AKC	EP*48N****+*8MPV100+TXV	42000	10.5	9.5	2000	1420
AC042AKC	EP*48N****+*8MPV125+TXV	42000	10.5	9.45	2000	1425
AC042AKC	EP*48N****+*9MPV100+TXV	42000	10.3	9.25	2000	1430
AC042AKC	EP*48N****+*9MPV125+TXV	42000	10.3	9.2	2000	1425
AC042AKC	EP*48N****+MV16J22****+TXV	42000	11	9.7	2000	1430
AC042AKC	EX*42F****+TD1	41500	10.3	9.25	2000	1200
AC042AKC	EX*42J****+TD1	41500	10.3	9.25	2000	1200
AC042AKC	EX*42J****+NTV6100	42000	11	9.7	2000	1375
AC042AKC	EX*42J****+NTV6125	42000	11	9.75	2000	1315
AC042AKC	EX*42J****+*8MPV100	42000	10.5	9.55	2000	1375
AC042AKC	EX*42J****+*8MPV125	42000	10.5	9.5	2000	1380
AC042AKC	EX*42J****+*9MPV100	42000	10.5	9.3	2000	1390
AC042AKC	EX*42J****+*9MPV125	42000	10.25	9.25	2000	1385
AC042AKC	EX*42J****+MV16J22****	42000	11	9.75	2000	1385
AC042AKC	EX*48J****+TD1	42000	10.25	9.2	2000	1400
AC042AKC	EX*48N****+TD1	42000	10.25	9.2	2000	1400
AC042AKC	EX*48N****+NTV6125	42500	11	9.8	2000	1375
AC042AKC	EX*48N****+*8MPV125	42500	10.5	9.55	2000	1445
AC042AKC	EX*48N****+*9MPV125	42500	10.5	9.3	2000	1435
AC042AKC	EX*48N****+MV16J22****	42500	11	9.8	2000	1440
AC042AKC	EBP42****	41000	10	9	2000	1400
AC042AKC	EBP48****	42000	10	9.1	2000	1400
AC042AKC	EBV48****	43000	11	9.95	2000	1400
AC042AKC	EBX48****	42500	10.5	9.25	2000	1400
AC042AKC	EMH42F****+TD1+TXV	39500	10.25	9.05	2000	1100
AC042AKC	EMH48F****+TD1+TXV	41000	10.25	9.15	2000	1300
AC042AKC	EP*42F****+TD1+TXV	39500	10.25	9.05	2000	1100
AC042AKC	EP*42J****+TD1+TXV	40000	10.25	9.05	2000	1200

PERFORMANCE DATA COOLING

Model Number	Air Handler	Rating A Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	Rating A EER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
AC042AKC	EP*48F****+TD1+TXV	41000	10.25	9.1	2000	1300
AC042AKC	EP*48J****+TD1+TXV	41500	10.25	9.1	2000	1400
AC042AKC	EP*48N****+TD1+TXV	41500	10.25	9.1	2000	1400
AC048AKC	EP*48L****+TD1	47000	10	9.45	3100	1600
AC048AKC	EP*48F****+TD1	45000	10.5	9.45	3100	1300
AC048AKC	EMH48F****+TD1	45500	10.5	9.55	3100	1300
AC048AKC	EP*48J****+TD1	46000	10.5	9.5	3100	1400
AC048AKC	EP*48J****+NTV6100+TXV	47000	11	9.8	3100	1545
AC048AKC	EP*48J****+NTV6125+TXV	46500	11	9.8	3100	1510
AC048AKC	EP*48J****+*8MPV100+TXV	46500	10.5	9.55	3100	1565
AC048AKC	EP*48J****+*8MPV125+TXV	46500	10.5	9.5	3100	1550
AC048AKC	EP*48J****+*9MPV100+TXV	46500	10.5	9.3	3100	1580
AC048AKC	EP*48J****+*9MPV125+TXV	46500	10.3	9.25	3100	1580
AC048AKC	EP*48J****+MV20N26****+TXV	47000	11	9.85	3100	1590
AC048AKC	EP*48N****+TD1	46000	10.5	9.5	3100	1400
AC048AKC	EP*60J****+TD1	47500	10.5	9.55	3100	1600
AC048AKC	EP*60J****+NTV6100+TXV	48000	11	10	3100	1610
AC048AKC	EP*60J****+NTV6125+TXV	48000	11	10.05	3100	1580
AC048AKC	EP*60J****+*8MPV100+TXV	47500	11	9.75	3100	1630
AC048AKC	EP*60J****+*8MPV125+TXV	47500	11	9.7	3100	1620
AC048AKC	EP*60J****+*9MPV100+TXV	47500	10.5	9.5	3100	1635
AC048AKC	EP*60J****+*9MPV125+TXV	47500	10.5	9.45	3100	1635
AC048AKC	EP*60J****+MV20N26****+TXV	48000	11	10.05	3100	1665
AC048AKC	EP*60N****+TD1	47500	10.5	9.55	3100	1600
AC048AKC	EX*48J****+TD1	47000	10.5	9.55	3100	1500
AC048AKC	EX*48N****+TD1	47000	10.5	9.55	3100	1500
AC048AKC	EX*48N****+NTV6125	47500	11	9.95	3100	1540
AC048AKC	EX*48N****+*8MPV125	47500	11	9.65	3100	1580
AC048AKC	EX*48N****+*9MPV125	47500	10.5	9.4	3100	1605
AC048AKC	EX*48N****+MV20N26****	48000	11	10	3100	1625
AC048AKC	EBP48****	47500	10.5	9.4	3100	1600
AC048AKC	EBP60****	48000	10.5	9.45	3100	1600
AC048AKC	EBV48****	48000	11	10.1	3100	1600
AC048AKC	EBX48****	48000	10.5	9.7	3100	1600
AC048AKC	EBX60****	48000	10.5	9.8	3100	1600
AC048AKC	EP*48F****+TD1+TXV	45000	10.5	9.4	3100	1300
AC048AKC	EP*48J****+TD1+TXV	46000	10.5	9.45	3100	1400
AC048AKC	EP*48N****+TD1+TXV	46000	10.5	9.45	3100	1400
AC048AKC	EP*60J****+TD1+TXV	47500	10.5	9.55	3100	1600
AC048AKC	EP*60N****+TD1+TXV	47500	10.5	9.55	3100	1600
AC060AKC	EP*60N****+TD1	56500	10	8.65	3100	1750
AC060AKC	EP*60J****+TD1	56000	10	8.65	3100	1750
AC060AKC	EX*60N****+TD1	59000	10	9.05	3100	1700
AC060AKC	EX*60N****+NTV6125	59000	10.3	9.15	3100	1840
AC060AKC	EX*60N****+MV20N26****	59000	10.5	9.3	3100	1830
AC060AKC	EBP60****	58000	10	8.7	3100	1700
AC060AKC	EBV60****	59000	10.5	9.25	3100	1700
AC060AKC	EBX60****	59000	10	8.9	3100	1700
AC060AKC	EP*60J****+TD1+TXV	56000	10	8.65	3100	1750
AC060AKC	EP*60N****+TD1+TXV	56000	10	8.65	3100	1750

MODEL NUMBER IDENTIFICAION GUIDE

MODEL NUMBER	*	AC	0	24	A	K	C

PRODUCT FAMILY

* = Brand

PRODUCT TYPE

AC = Air Conditioning CA = Condenser A/C

HP = Heat Pump CH = Condenser H/P

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

CONNECTIONS

A = Sweat / Valve G = Sweat / Valve & Coil Guard

ELECTRICAL

K = 208/230–1–60

H = 208/230–3–60

SALES CODE

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 (^{0}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