

**High
Efficiency**

12+



12+ SEER - AIR CONDITIONER



1 1/2 THRU 5 TONS SPLIT SYSTEM FEATURES

- Durawhisper top
- High efficiency scroll compressors on all models
- Copper tube / aluminum fin coil
- Prepainted condenser fins
- Top air discharge for quieter operation
- G-90 Galvanized 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
- 2 Speed fan motor
- Fan motor in-line disconnect plug
- Factory charged with R-22, condenser plus 25 Ft. lines
- Can be installed as close as 6" from home
- 10 Year parts, 10 year compressor limited warranties



Rated in accordance with ARI Standard 210. Certification applies only when used with proper components as listed with ARI.



International Comfort Products Corporation (USA)
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

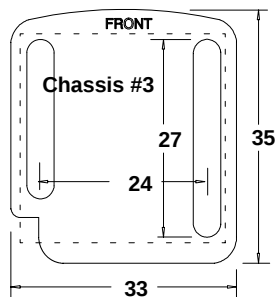
Model Number	TCA218AKC	TCA224AKC	TCA230AKC	TCA236AKC	TCA242AKC	TCA248AKC	TCA260AKC
Max. Cooling Capacity (Btuh)	18000	22600	30000	36000	42000	48000	56500
SEER Label	12	12	12	12	12	12	12
Sound Rating Decibels (Hi / Lo)	68 / 66	70 / 68	72 / 70	74 / 72	74 / 72	74 / 72	74 / 72
Fan HP / Type / Speeds	1/8-PSC-2	1/8-PSC-2	1/5-PSC-2	1/3-PSC-2	1/3-PSC-2	1/4-PSC-2	1/4-PSC-2
Fan RPM / Max. CFM	925-1075	925-1075	925-1075	925-1075	925-1075	700-840	700-840
Fan Max. CFM	1400	1400	2000	2800	2800	3400	3400
Coil Face Area (Sq Ft)	10.7	10.7	11.6	17.9	17.9	20.0	26.7
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	.059	.066	.070	.079	.082	TXV
Factory Charge - R22 (Oz)	81.4	81	95.4	114	130.4	146.9	174
Compressor	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Weight Lbs. (Ship)	133	135	137	187	200	252	272

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

Minimum Circuit Ampacity	11.9	14.3	18.1	21.9	24.3	25.5	37.6
Wire Size/Max. Length (AWG Cu) Ft.	14 / 62	14 / 54	14 / 42	12 / 54	12 / 50	10 / 73	8 / 78
Time Delay Fuse (Amps)	15	20	25	30	30	35	45
Max. Fuse or HACR Breaker Size (Amps)	20	20	30	30	40	40	60
Compressor Full Run / Lock Rotor Amps	9.0 / 41	10.9 / 54	13.5 / 72.5	16.0 / 88	17.9 / 104	19.2 / 137	28.8 / 148
Fan Full Load / Lock Rotor Amps.	.81 / 1.48	.81 / 1.48	1.3 / 2.13	1.3 / 3.86	1.3 / 3.86	1.5 / 2.9	1.5 / 2.9

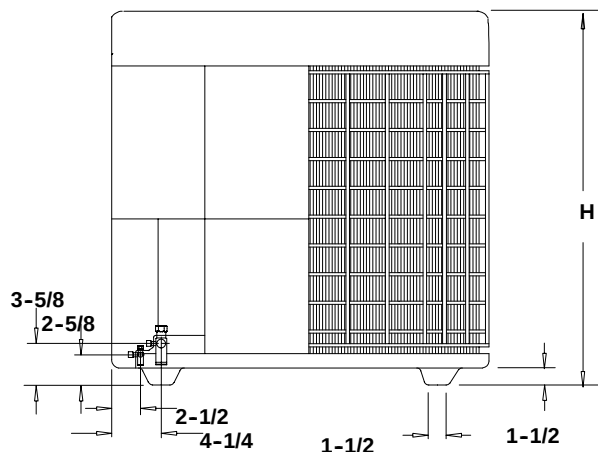
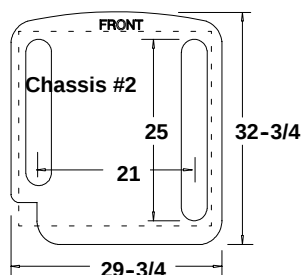
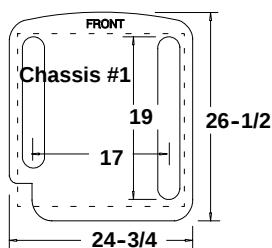
Dimensions		
Model	Chassis	Height (H)
218	1	30-1/8
224	1	30-1/8
230	1	32-1/8
236	2	36-1/8
242	2	36-1/8
248	3	36-1/8
260	3	46-1/8

ALL DIMENSIONS
IN INCHES



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
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

Outdoor Model	Indoor Model	Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	EER Rating (Btuh/watt)	Outdoor Air (SCFM)	Indoor Air (SCFM)
TCA218AKC*	EP*36B****+TD1	18000	12	11.4	1750	600
TCA218AKC*	EP*36B****+TD1+TXV	18000	12.2	11.7	1750	600
TCA218AKC*	EMH24F****+TD1	17000	11.5	11.05	1750	600
TCA218AKC*	EMH30F****+TD1	17300	11.8	11.2	1750	600
TCA218AKC*	EP*18B****+TD1	16200	11	10.65	1750	600
TCA218AKC*	EP*24B****+TD1	17000	11.5	11.05	1750	600
TCA218AKC*	EP*24F****+TD1	17000	11.5	11.05	1750	600
TCA218AKC*	EP*30B****+TD1	17300	11.8	11.2	1750	600
TCA218AKC*	EP*30F****+TD1	17300	11.8	11.2	1750	600
TCA218AKC*	EP*30F****+NTV6050+TXV	17900	13.8	12.8	1750	670
TCA218AKC*	EP*30F****+NTV6075+TXV	17700	13.8	12.85	1750	635
TCA218AKC*	EP*30F****+MV12F19****+TXV	17500	14	12.9	1750	565
TCA218AKC*	EX*24B****+TD1	17800	12.5	11.8	1750	600
TCA218AKC*	EX*24B****+MV08B15****	18000	14	13.2	1750	665
TCA218AKC*	EX*24F****+TD1	17800	12.5	11.8	1750	600
TCA218AKC*	EX*24F****+NTV6050	18000	14	13.1	1750	645
TCA218AKC*	EX*24F****+NTV6075	18000	14	13.1	1750	605
TCA218AKC*	EX*24F****+9MPV050	18200	13.5	12.6	1750	680
TCA218AKC*	EX*24F****+9MPV075	18600	13.8	12.75	1750	695
TCA218AKC*	EX*24F****+MV12F19****	18000	14	13.3	1750	660
TCA218AKC*	EBP24****	17900	12	11.55	1750	600
TCA218AKC*	FWM24****	18000	12	11.45	1750	600
TCA218AKC*	EBV24****	18000	14	13.45	1750	600
TCA218AKC*	EBV36****	18000	13	12.3	1750	600
TCA218AKC*	EBX24****	18000	13	11.95	1750	600
TCA218AKC*	EMH24F****+TD1+TXV	17000	11.7	11.3	1750	600
TCA218AKC*	EMH30F****+TD1+TXV	17300	12	11.45	1750	600
TCA218AKC*	EP*18B****+TD1+TXV	16200	11.3	10.8	1750	600
TCA218AKC*	EP*24B****+TD1+TXV	17000	11.8	11.3	1750	600
TCA218AKC*	EP*30B****+TD1+TXV	17300	12	11.45	1750	600
TCA218AKC*	EP*30F****+TD1+TXV	17300	12	11.45	1750	600
TCA218AKC*	EBP24****+TXV	17900	12.5	11.9	1750	600
TCA218AKC*	FWM24****+TXV	17800	12.5	11.75	1750	600
TCA224AKC*	EP*36B****+TD1	23600	12	10.7	1750	800
TCA224AKC*	EBP24****	23000	12	10.75	1750	800
TCA224AKC*	EBP30****	23400	12	10.85	1750	800
TCA224AKC*	EBX24****	23400	12.2	11	1750	800
TCA224AKC*	EBV24****	24200	13.5	12.2	1750	785
TCA224AKC*	FWM24****	23000	12	10.9	1750	700
TCA224AKC*	FWM30****	23400	12	10.7	1750	800
TCA224AKC*	EMH24F****+TD1	21800	11	10.2	1750	800
TCA224AKC*	EMH30F****+TD1	22200	11	10.3	1750	800
TCA224AKC*	EMH36F****+TD1	23000	11.5	10.55	1750	800
TCA224AKC*	EP*24B****+TD1	21800	11	10.2	1750	800
TCA224AKC*	EP*30B****+TD1	22200	11	10.3	1750	800
TCA224AKC*	EP*30B****+NTV6050	22600	12.2	11.15	1750	835
TCA224AKC*	EP*30B****+NTV6075	22600	12.5	11.25	1750	820
TCA224AKC*	EP*30F****+TD1	22200	11	10.3	1750	800
TCA224AKC*	EP*30F****+NTV6075+TXV	22800	12.8	11.75	1750	850
TCA224AKC*	EP*36B****+TD1+TXV	23000	11.5	10.55	1750	800
TCA224AKC*	EP*36F****+TD1	23000	11.5	10.55	1750	800
TCA224AKC*	EP*36F****+NTV6050+TXV	23600	12.8	11.45	1750	870
TCA224AKC*	EP*36F****+NTV6075+TXV	23600	13	11.6	1750	860
TCA224AKC*	EP*36J****+TD1	23000	11.7	10.55	1750	800

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

Outdoor Model	Indoor Model	Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	EER Rating (Btuh/watt)	Outdoor Air (SCFM)	Indoor Air (SCFM)
TCA224AKC*	EX*24B***+TD1	23200	12	10.8	1750	800
TCA224AKC*	EX*24F***+TD1	23200	12	10.8	1750	800
TCA224AKC*	EX*24F***+NTV6050	23600	13	11.65	1750	820
TCA224AKC*	EX*24F***+NTV6075	23600	13	11.75	1750	800
TCA224AKC*	EX*24F***+*8MPV050	23600	12.5	11.2	1750	850
TCA224AKC*	EX*24F***+*9MPV050	23400	12.5	11.05	1750	855
TCA224AKC*	EX*24F***+*9MPV075	23600	12.5	11.35	1750	860
TCA224AKC*	EX*36B***+TD1	23800	12.5	11.05	1750	800
TCA224AKC*	EX*36F***+TD1	23800	12.5	11.05	1750	800
TCA224AKC*	EX*36J***+TD1	23800	12.5	11.05	1750	800
TCA224AKC*	EMH24F***+TD1+TXV	21600	11	10.1	1750	800
TCA224AKC*	EMH30F***+TD1+TXV	22000	11.5	10.25	1750	800
TCA224AKC*	EP*24B***+TD1+TXV	21600	11	10.1	1750	800
TCA224AKC*	EP*30B***+TD1+TXV	22000	11.5	10.25	1750	800
TCA224AKC*	EP*30F***+TD1+TXV	22000	11.5	10.25	1750	800
TCA224AKC*	EBP24***+TXV	23000	12	10.75	1750	800
TCA224AKC*	EBP30***+TXV	23200	12	10.9	1750	800
TCA224AKC*	FWM24***+TXV	22800	11.5	10.85	1750	700
TCA224AKC*	FWM30***+TXV	23400	12	10.75	1750	800
TCA224AKC*	EMH36F***+TD1+TXV	22400	11.5	10.7	1750	800
TCA224AKC*	EP*30F***+MV12F19***+TXV	22000	12.5	11.5	1750	695
TCA224AKC*	EP*36F***+TD1+TXV	22400	11.5	10.7	1750	800
TCA224AKC*	EP*36F***+MV12F19***+TXV	22400	12.5	11.9	1750	705
TCA224AKC*	EP*36J***+TD1+TXV	22400	11.5	10.7	1750	800
TCA224AKC*	EX*24B***+MV08B15***	23000	12.5	11.85	1750	730
TCA224AKC*	EX*24B***+MV12F19***	23000	12.5	11.95	1750	740
TCA224AKC*	EBV36***	23400	12.5	11.95	1750	800
TCA224AKC*	EBX36***	23000	11.5	11	1750	800
TCA224AKC*	EP*30B***+*9MPV050	22200	12	10.95	1750	795
TCA224AKC*	EP*30B***+*8MPV050	22600	11.5	11.05	1750	790
TCA224AKC*	EP*30B***+*9MPV075	22600	12	11.2	1750	785
TCA224AKC*	EP*30F***+*8MPV050+TXV	22600	12	11	1750	810
TCA224AKC*	EP*30F***+*9MPV050+TXV	22600	12	11	1750	760
TCA224AKC*	EP*30F***+*9MPV075+TXV	22800	12.2	11.15	1750	815
TCA224AKC*	EP*30F***+NTV6050+TXV	22600	12.5	11.3	1750	780
TCA224AKC*	EP*36F***+*8MPV050+TXV	23400	12.3	11.45	1750	785
TCA224AKC*	EP*36F***+*9MPV050+TXV	23400	12	11.4	1750	770
TCA224AKC*	EP*36F***+*9MPV075+TXV	23600	12.5	11.55	1750	830
TCA224AKC*	EX*24F***+*8MPV075	23800	13	11.6	1750	875
TCA230AKC*	EP*48F***+TD1	30000	12	10.5	2000	1000
TCA230AKC*	EP*48F***+TD1+TXV	30000	12	10.5	2000	1000
TCA230AKC*	EMH30F***+TD1	28400	11	9.85	2000	1000
TCA230AKC*	EMH30F***+TD1+TXV	28400	11.2	9.85	2000	1000
TCA230AKC*	EMH36F***+TD1	29400	11.5	10.15	2000	1000
TCA230AKC*	EMH36F***+TD1+TXV	29400	11.7	10.15	2000	1000
TCA230AKC*	EP*30B***+TD1	28400	11	9.9	2000	1000
TCA230AKC*	EP*30B***+TD1+TXV	28400	11.2	9.9	2000	1000
TCA230AKC*	EP*30F***+TD1	28400	11	9.85	2000	1000
TCA230AKC*	EP*30F***+TD1+TXV	28400	11.2	9.85	2000	1000
TCA230AKC*	EP*30F***+NTV6050+TXV	28600	11.7	10.45	2000	970
TCA230AKC*	EP*30F***+NTV6050	28600	11.5	10.45	2000	970
TCA230AKC*	EP*30F***+NTV6075+TXV	28600	11.7	10.55	2000	995
TCA230AKC*	EP*30F***+NTV6075	28600	11.5	10.55	2000	995
TCA230AKC*	EP*30F***+*9MPV050+TXV	28400	11.2	9.85	2000	1025
TCA230AKC*	EP*30F***+*9MPV050	28400	11	9.85	2000	1025
TCA230AKC*	EP*30F***+*9MPV075+TXV	28600	11.6	10.1	2000	1050

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. EE* = EEA OR EED series of coils.

PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	EER Rating (Btuh/watt)	Outdoor Air (SCFM)	Indoor Air (SCFM)
TCA230AKC*	EP*30F****+*9MPV075	28600	11.5	10.1	2000	1050
TCA230AKC*	EP*36B****+TD1	29400	11	10.2	2000	1000
TCA230AKC*	EP*36B****+TD1+TXV	29400	11.2	10.2	2000	1000
TCA230AKC*	EP*36F****+TD1	29600	11	10.2	2000	1000
TCA230AKC*	EP*36F****+TD1+TXV	29600	11.2	10.2	2000	1000
TCA230AKC*	EP*36F****+NTV6050+TXV	29800	12.2	10.75	2000	980
TCA230AKC*	EP*36F****+NTV6050	29800	12	10.75	2000	980
TCA230AKC*	EP*36F****+NTV6075+TXV	29800	12.2	10.85	2000	1005
TCA230AKC*	EP*36F****+NTV6075	29800	12	10.85	2000	1005
TCA230AKC*	EP*36F****+*9MPV050+TXV	29600	11.7	10.15	2000	1035
TCA230AKC*	EP*36F****+*9MPV050	29600	11.5	10.15	2000	1035
TCA230AKC*	EP*36F****+*9MPV075+TXV	29800	12.1	10.45	2000	1065
TCA230AKC*	EP*36F****+*9MPV075	29800	12	10.45	2000	1065
TCA230AKC*	EP*36F****+MV12F19****+TXV	30000	12.7	11.1	2000	1040
TCA230AKC*	EP*36F****+MV12F19****	30000	12.5	11.1	2000	1040
TCA230AKC*	EP*36J****+TD1	29400	11	10.1	2000	1000
TCA230AKC*	EP*36J****+TD1+TXV	29400	11.2	10.1	2000	1000
TCA230AKC*	EP*36J****+MV16J22****+TXV	29800	12.7	11.2	2000	1005
TCA230AKC*	EP*36J****+MV16J22****	29800	12.5	11.2	2000	1005
TCA230AKC*	EX*36B****+TD1	30000	12	10.55	2000	1000
TCA230AKC*	EX*36F****+TD1	30000	12	10.55	2000	1000
TCA230AKC*	EX*36F****+NTV6050	30000	12.5	11.1	2000	965
TCA230AKC*	EX*36F****+NTV6075	30000	12.5	11.15	2000	985
TCA230AKC*	EX*36F****+*9MPV050	30000	12	10.5	2000	1020
TCA230AKC*	EX*36F****+*9MPV075	30000	12.5	10.85	2000	1040
TCA230AKC*	EX*36F****+MV12F19****	30000	13	11.4	2000	1015
TCA230AKC*	EX*36J****+TD1	30000	12	10.55	2000	1000
TCA230AKC*	EX*36J****+NTV6100	30000	13	11.45	2000	1055
TCA230AKC*	EX*36J****+*9MPV100	30000	12.5	11.25	2000	1095
TCA230AKC*	EX*36J****+MV16J22****	30000	13	11.65	2000	1010
TCA230AKC*	EBP30****+TXV	30000	12	10.45	2000	1000
TCA230AKC*	EBP30****	30000	12	10.45	2000	1000
TCA230AKC*	EBP36****+TXV	30000	11.7	10.25	2000	1000
TCA230AKC*	EBP36****	30000	11.5	10.25	2000	1000
TCA230AKC*	EBV36****	30000	12.5	11.2	2000	1000
TCA230AKC*	EBX36****	30000	12	10.5	2000	1000
TCA230AKC*	EP*42F****+TD1	29600	11.5	10.4	2000	1000
TCA230AKC*	EP*42F****+TD1+TXV	29600	11.7	10.4	2000	1000
TCA230AKC*	EP*42F****+NTV6050+TXV	29600	12.2	10.6	2000	1100
TCA230AKC*	EP*42F****+NTV6050	29600	12	10.6	2000	1100
TCA230AKC*	EP*42F****+NTV6075+TXV	29600	12.7	11.05	2000	980
TCA230AKC*	EP*42F****+NTV6075	29600	12.5	11.05	2000	980
TCA230AKC*	EP*42F****+*9MPV050+TXV	29600	12.2	10.55	2000	935
TCA230AKC*	EP*42F****+*9MPV050	29600	12	10.55	2000	935
TCA230AKC*	EP*42F****+*9MPV075+TXV	29600	12.2	10.7	2000	1035
TCA230AKC*	EP*42F****+*9MPV075	29600	12	10.7	2000	1035
TCA230AKC*	EP*42J****+TD1	29600	11.5	10.4	2000	1000
TCA230AKC*	EP*42J****+TD1+TXV	29600	11.7	10.4	2000	1000
TCA230AKC*	EP*42J****+NTV6100+TXV	29600	12.2	10.85	2000	990
TCA230AKC*	EP*42J****+NTV6100	29600	12	10.85	2000	990
TCA230AKC*	EP*42J****+*9MPV100+TXV	29600	12.2	10.65	2000	890
TCA230AKC*	EP*42J****+*9MPV100	29600	12	10.65	2000	890
TCA230AKC*	EX*42F****+TD1	30400	12	10.7	2000	1000
TCA230AKC*	EX*42J****+TD1	30400	12	10.7	2000	1000
TCA230AKC*	EBP42****+TXV	29600	11.7	10.2	2000	1000
TCA230AKC*	EBP42****	29600	11.5	10.2	2000	1000

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

Outdoor Model	Indoor Model	Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	EER Rating (Btuh/watt)	Outdoor Air (SCFM)	Indoor Air (SCFM)
TCA236AKC*	EP*48F****+TD1	36000	12	10.7	3100	1200
TCA236AKC*	EMH36F****+TD1	34400	11.25	10.35	3100	1200
TCA236AKC*	EMH42F****+TD1	35400	11.5	10.65	3100	1100
TCA236AKC*	EMH48F****+TD1	36000	11.7	10.75	3100	1200
TCA236AKC*	EP*36B****+TD1	33600	11.5	10.45	3100	1000
TCA236AKC*	EP*36F****+TD1	34400	11.4	10.35	3100	1200
TCA236AKC*	EP*36F****+NTV6050+TXV	34400	11.8	10.65	3100	1140
TCA236AKC*	EP*36F****+MV12F19****+TXV	34800	12	10.75	3100	1240
TCA236AKC*	EP*36J****+TD1	34400	11.5	10.35	3100	1200
TCA236AKC*	EP*36J****+NTV6100	34800	12	11.15	3100	1210
TCA236AKC*	EP*36J****+8MPV100	34800	12	10.95	3100	1250
TCA236AKC*	EP*36J****+9MPV100	34800	12	10.8	3100	1230
TCA236AKC*	EP*36J****+MV16J22****+TXV	35000	12.3	11.05	3100	1215
TCA236AKC*	EP*42F****+TD1	35400	11.6	10.65	3100	1100
TCA236AKC*	EP*42F****+NTV6050+TXV	35600	12.2	11.05	3100	1120
TCA236AKC*	EP*42J****+TD1	35800	11.6	10.6	3100	1200
TCA236AKC*	EP*42J****+NTV6100+TXV	35800	12.2	11.1	3100	1190
TCA236AKC*	EP*42J****+8MPV100+TXV	35800	12.2	10.95	3100	1215
TCA236AKC*	EP*42J****+MV16J22****+TXV	36000	12.2	11.15	3100	1210
TCA236AKC*	EP*48F****+TD1+TXV	36000	12.1	10.7	3100	1200
TCA236AKC*	EP*48F****+NTV6050+TXV	36000	12.3	11	3100	1140
TCA236AKC*	EP*48J****+TD1	36000	12	10.75	3100	1200
TCA236AKC*	EP*48J****+NTV6100+TXV	36000	13	11.65	3100	1230
TCA236AKC*	EP*48J****+8MPV100+TXV	36000	12.8	11.5	3100	1270
TCA236AKC*	EP*48J****+9MPV100+TXV	36000	12.5	11.3	3100	1245
TCA236AKC*	EP*48J****+MV16J22****+TXV	36000	13	11.8	3100	1235
TCA236AKC*	EP*48N****+TD1	36000	12	10.8	3100	1200
TCA236AKC*	EP*48N****+NTV6125+TXV	36000	13	11.7	3100	1185
TCA236AKC*	EP*48N****+8MPV125+TXV	36000	12.8	11.45	3100	1270
TCA236AKC*	EP*48N****+9MPV125+TXV	36000	12.5	11.25	3100	1255
TCA236AKC*	EX*36B****+TD1	36000	12	10.75	3100	1100
TCA236AKC*	EX*36F****+TD1	36000	12	10.75	3100	1100
TCA236AKC*	EX*36F****+MV12F19****	36000	12.5	11.35	3100	1210
TCA236AKC*	EX*36J****+TD1	36000	12	10.8	3100	1200
TCA236AKC*	EX*36J****+MV16J22****	36000	13	11.75	3100	1225
TCA236AKC*	EX*42F****+TD1	36000	12.2	11	3100	1200
TCA236AKC*	EX*42J****+TD1	36000	12.2	11	3100	1200
TCA236AKC*	EBP36****	35800	11.4	10.45	3100	1200
TCA236AKC*	EBP42****	36000	11.6	10.65	3100	1200
TCA236AKC*	EBV36****	36000	13	11.4	3100	1200
TCA236AKC*	EBV48****	36000	13.5	12	3100	1200
TCA236AKC*	EBX36****	36000	12	10.7	3100	1200
TCA236AKC*	EBX48****	36000	12.5	11.1	3100	1200
TCA236AKC*	EP*36B****+TD1+TXV	33600	11.7	10.7	3100	1000
TCA236AKC*	EP*36F****+TD1+TXV	34400	11.6	10.5	3100	1200
TCA236AKC*	EP*36J****+NTV6100+TXV	34800	12.2	11.3	3100	1210
TCA236AKC*	EP*36J****+8MPV100+TXV	34800	12.2	11.15	3100	1250
TCA236AKC*	EP*36J****+9MPV100+TXV	34600	12.2	10.95	3100	1230
TCA236AKC*	EP*42F****+TD1+TXV	35400	11.8	10.8	3100	1100
TCA236AKC*	EP*42J****+TD1+TXV	35800	11.8	10.8	3100	1200
TCA236AKC*	EP*48J****+TD1+TXV	36000	12.1	10.8	3100	1200
TCA236AKC*	EP*48N****+TD1+TXV	36000	12.1	10.8	3100	1200
TCA236AKC*	EBP36****+TXV	35800	11.6	10.4	3100	1200
TCA236AKC*	EBP42****+TXV	36000	11.8	10.7	3100	1200
TCA236AKC*	EP*48L****+TD1	36000	11.8	10.7	3100	1200
TCA236AKC*	EP*48L****+TD1+TXV	36000	12	10.8	3100	1200

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

Outdoor Model	Indoor Model	MBtuh	SEER	EER	Outdoor Air (SCFM)	Indoor Air (SCFM)
TCA236AKC*	EMH36F****+TD1+TXV	34400	11.35	10.15	3100	1200
TCA236AKC*	EMH42F****+TD1+TXV	35400	11.7	10.55	3100	1100
TCA236AKC*	EMH48F****+TD1+TXV	36000	12	10.8	3100	1200
TCA242AKC*	EP*60J****+TD1	41500	12	10.6	3000	1400
TCA242AKC*	EMH42F****+TD1	39500	11.5	10.4	3000	1100
TCA242AKC*	EMH48F****+TD1	40000	11.7	10.5	3000	1300
TCA242AKC*	EP*42F****+TD1	39500	11.5	10.4	3000	1100
TCA242AKC*	EP*42J****+TD1	40000	11.5	10.4	3000	1200
TCA242AKC*	EP*42J****+NTV6100+TXV	40000	11.8	10.4	3000	1190
TCA242AKC*	EP*42J****+*8MPV100+TXV	39500	11.7	10.3	3000	1215
TCA242AKC*	EP*42J****+MV16J22****+TXV	40000	12	10.45	3000	1210
TCA242AKC*	EP*48F****+TD1	40000	11.7	10.45	3000	1300
TCA242AKC*	EP*48J****+TD1	40000	11.7	10.5	3000	1400
TCA242AKC*	EP*48J****+NTV6100+TXV	41000	12.5	11.05	3000	1410
TCA242AKC*	EP*48J****+*8MPV100+TXV	41000	12.5	10.85	3000	1405
TCA242AKC*	EP*48J****+*9MPV100+TXV	41000	12	10.6	3000	1420
TCA242AKC*	EP*48J****+MV16J22****+TXV	41000	12.7	11.15	3000	1415
TCA242AKC*	EP*48N****+TD1	41000	11.7	10.5	3000	1400
TCA242AKC*	EP*48N****+NTV6125+TXV	41000	12.5	11.1	3000	1360
TCA242AKC*	EP*48N****+*8MPV125+TXV	41000	12.2	10.85	3000	1425
TCA242AKC*	EP*48N****+*9MPV125+TXV	41000	12	10.55	3000	1425
TCA242AKC*	EX*42F****+TD1	41000	12	10.6	3000	1200
TCA242AKC*	EX*42J****+TD1	41000	12	10.6	3000	1200
TCA242AKC*	EX*42J****+NTV6100	41500	12.8	11.2	3000	1375
TCA242AKC*	EX*42J****+*8MPV100	41500	12.5	11	3000	1375
TCA242AKC*	EX*42J****+*9MPV100	41000	12.2	10.75	3000	1390
TCA242AKC*	EX*42J****+MV16J22****	41500	13	11.25	3000	1385
TCA242AKC*	EX*48J****+TD1	41500	12	10.6	3000	1400
TCA242AKC*	EX*48N****+TD1	41500	12	10.6	3000	1400
TCA242AKC*	EBP42****	41000	11.5	10.35	3000	1400
TCA242AKC*	EBP48****	42000	11.8	10.5	3000	1400
TCA242AKC*	EBV48****	42000	13	11.6	3000	1400
TCA242AKC*	EBX48****	42000	12	10.75	3000	1400
TCA242AKC*	EMH42F****+TD1+TXV	39500	11.7	10.4	3000	1100
TCA242AKC*	EMH48F****+TD1+TXV	40000	12	10.5	3000	1300
TCA242AKC*	EP*42F****+TD1+TXV	39500	11.6	10.35	3000	1100
TCA242AKC*	EP*42J****+TD1+TXV	40000	11.6	10.35	3000	1200
TCA242AKC*	EP*48F****+TD1+TXV	40000	11.8	10.45	3000	1300
TCA242AKC*	EP*48J****+TD1+TXV	40000	11.8	10.5	3000	1400
TCA242AKC*	EP*48L****+TD1+TXV	41000	11.8	10.5	3000	1400
TCA242AKC*	EP*48N****+TD1+TXV	41000	11.8	10.5	3000	1400
TCA242AKC*	EP*60J****+TD1+TXV	41500	12.1	10.6	3000	1400
TCA242AKC*	EP*60L****+TD1+TXV	41500	12.1	10.6	3000	1400
TCA242AKC*	EBP42****+TXV	41000	11.6	10.35	3000	1400
TCA242AKC*	EBP48****+TXV	42000	12	10.5	3000	1400
TCA242AKC*	EP*48L****+TD1	41000	11.7	10.5	3000	1400
TCA242AKC*	EP*60L****+TD1	41500	12	10.6	3000	1400
TCA248AKC*	EP*60N****+TD1	48000	12	10.7	3600	1400
TCA248AKC*	EMH48F****+TD1	48000	11.5	10.4	3600	1300
TCA248AKC*	EMH48F****+TD1+TXV	48000	11.7	10.75	3600	1300
TCA248AKC*	EP*48F****+TD1	47000	11.5	10.3	3600	1300
TCA248AKC*	EP*48F****+TD1+TXV	47000	11.5	10.7	3600	1300
TCA248AKC*	EP*48J****+TD1	48000	11.5	10.4	3600	1400
TCA248AKC*	EP*48J****+TD1+TXV	47000	11.5	10.75	3600	1400
TCA248AKC*	EP*48N****+TD1	48000	11.5	10.4	3600	1400
TCA248AKC*	EP*48N****+TD1+TXV	48000	11.5	10.8	3600	1400

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PART NO. 421 63 3304 01
Mar 2004

Printed in U.S.A.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	MBtuh	SEER	EER	Outdoor Air (SCFM)	Indoor Air (SCFM)
TCA248AKC*	EP*48N****+NTV6125+TXV	48000	12	11.2	3600	1525
TCA248AKC*	EP*48N****+*8MPV125+TXV	48000	11.5	10.85	3600	1560
TCA248AKC*	EP*48N****+*9MPV125+TXV	48000	11.3	10.5	3600	1590
TCA248AKC*	EP*60J****+TD1	48000	11.5	10.4	3600	1600
TCA248AKC*	EP*60J****+TD1+TXV	48000	11.7	10.85	3600	1600
TCA248AKC*	EP*60N****+TD1+TXV	48000	11.5	10.85	3600	1600
TCA248AKC*	EP*60N****+NTV6125+TXV	48000	12.2	11.4	3600	1570
TCA248AKC*	EX*48J****+TD1	48000	11.5	10.9	3600	1500
TCA248AKC*	EX*48L****+TD1	48000	11.5	10.9	3600	1500
TCA248AKC*	EX*48N****+TD1	48000	11.5	10.9	3600	1500
TCA248AKC*	EX*48N****+NTV6125	48000	12	11.35	3600	1540
TCA248AKC*	EX*48N****+*9MPV125	48000	11.3	10.65	3600	1605
TCA248AKC*	EX*60N****+TD1	48000	12	11.3	3600	1600
TCA248AKC*	EBP48****	48000	11	10	3600	1600
TCA248AKC*	EBP48****+TXV	48000	11.3	10.75	3600	1600
TCA248AKC*	EBP60****	50000	11	10.05	3600	1600
TCA248AKC*	EBP60****+TXV	50000	11.4	10.8	3600	1600
TCA248AKC*	EBV48****	50000	12.3	11.55	3600	1600
TCA248AKC*	EBX48****	50000	11.7	11.05	3600	1600
TCA248AKC*	EBV60****	48000	12.5	11.85	3600	1600
TCA248AKC*	EBX60****	48000	11.5	11.15	3600	1600
TCA248AKC*	EP*48L****+TD1	47000	11	10.2	3600	1400
TCA248AKC*	EP*60L****+TD1	48000	11.3	10.2	3600	1600
TCA248AKC*	EP*48L****+TD1+TXV	47000	11.2	10.75	3600	1400
TCA248AKC*	EP*60L****+TD1+TXV	48000	11.5	10.85	3600	1600
TCA248AKC*	EP*60N****+*8MPV125+TXV	48000	12	11.3	3600	1450
TCA248AKC*	EP*60N****+*9MPV125+TXV	48000	11.7	11.05	3600	1440
TCA260AKC*	EX*60N****+TD1	56500	12	10.4	4000	1700
TCA260AKC*	EBP60****+TXV	57000	11	9.9	4000	1800
TCA260AKC*	EP*60J****+TD1+TXV	54000	11	9.85	4000	1700
TCA260AKC*	EP*60N****+TD1+TXV	54000	11	9.9	4000	1700
TCA260AKC*	EP*60N****+MV20N26****+TXV	55000	11	10.15	4000	1840
TCA260AKC*	EX*60L****+TD1	58000	12	10.45	4000	1700
TCA260AKC*	EX*60N****+MV20N26****	59000	12	10.75	4000	1830
TCA260AKC*	EBP60****+TXV	57000	11	9.9	4000	1800
TCA260AKC*	EBV60****	58500	12	10.5	4000	1800
TCA260AKC*	EBX60****	58000	11.3	10.2	4000	1800
TCA260AKC*	EP*60J****+*8MPV100+TXV	54000	10.5	9.9	4000	1785
TCA260AKC*	EP*60J****+*9MPV100+TXV	54000	10.4	9.55	4000	1815
TCA260AKC*	EP*60L****+TD1+TXV	54000	10.4	9.9	4000	1700
TCA260AKC*	EP*60L****+*8MPV125+TXV	54000	10.2	9.75	4000	1790

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MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER PRODUCT FAMILY * = Brand	T	CA	2	24	A	K	A
							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
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