High Efficiency

12+

Arcoaire®

Air Conditioning & Heating

12+ SEER - AIR CONDITIONER



Representative photo only, some models may vary in appearance.

5 year NO hassle REPLACEMENT WARRANTY

see warranty certificate for details

MANUFACTURER CERTIFIED TO ARI AS COMPLYING WITH UNITARY AIR-CONDITIONING EQUIPMENT CERTIFICATION SECTIONS OF ARI STANDARD 210

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

c UL US LISTED

1½ 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 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
- Fan motor in-line disconnect plug
- Factory charged with R–22, condenser plus 25 Ft. lines
- Can be installed as close as 6" from the home
- Standard 5 year limited warranty on parts
- Ten (10) year limited compressor warranty
- Covered under the 5 year No Hassle Replacement Warranty Program

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

Printed in U.S.A.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO. 421 31 3304 02
April 2005

Base Specifications

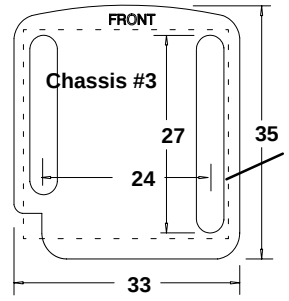
Model Number	HAC218AKC HAC218GKC	HAC224AKC HAC224GKC	HAC230AKC HAC230GKC	HAC236AKC HAC236GKC	HAC242AKC HAC242GKC	HAC248AKC HAC248GKC	HAC260AKC HAC260GKC
Max. Cooling Capacity (Btuh)	18000	23600	30000	36000	42000	48000	56500
SEER Label	12	12	12	12	12	12	12
Sound Rating Decibels	69	71	73	75	75	75	75
Fan HP / Type / Speeds	1/8-PSC-1	1/8-PSC-1	1/5-PSC-1	1/3-PSC-1	1/3-PSC-1	1/4-PSC-1	1/4-PSC-1
Fan RPM	1075	1075	1075	1075	1075	840	840
Coil Face Area (Sq Ft)	10.7	10.7	11.6	17.9	17.9	20.00	26.70
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	.054	.058	.065	.072	.079	.084	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)	132	134	136	186	199	151	271

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 (AWG Cu) / Max. Length (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	50
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.	.66 / 1.55	.66 / 1.55	1.3 / 2.36	1.9 / 3.7	1.9 / 3.7	1.5 / 2.9	1.5 / 2.9

ALL DIMENSIONS IN INCHES

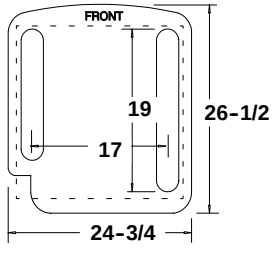
Dimensions		
Model	Chassis	Height (H)
218	1	26-5/8
224	1	26-5/8
230	1	28-5/8
236	2	32-5/8
242	2	32-5/8
248	3	32-5/8
260	3	42-5/8



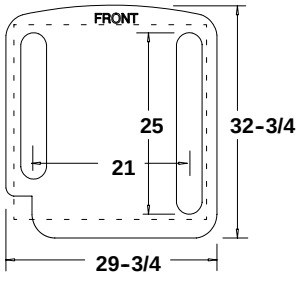
Reference Line for minimum pad size

Minimum Mounting Pad Sizes to fit under base rails. Unit overhangs pad with pad starting at 9" from structure for minimum clearances between unit and structure.
NOTE: Local Codes may require use of larger pads.

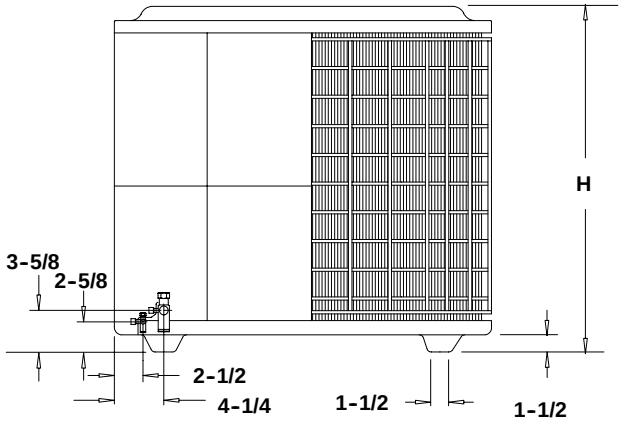
Chassis #1	20" W X 20" D
Chassis #2	24" W X 26" D
Chassis #3	27" W X 28" D



Chassis #1



Chassis #2



PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	Rating A Cooling Capacity(MBtuh)	SEER Rating (Btuh/watt)	Rating A EER Rating (Btuh/watt)	Outdoor Coil Air (SCFM)	Indoor Coil Air (SCFM)
AC218AKC	EP*36B****+TD1	18000	12	11.4	1750	600
AC218AKC	EP*36B****+TD1+TXV	18000	12.2	11.7	1750	600
AC218AKC	EMH24F****+TD1	17000	11.5	11.05	1750	600
AC218AKC	EMH30F****+TD1	17300	11.8	11.2	1750	600
AC218AKC	EP*18B****+TD1	16200	11	10.65	1750	600
AC218AKC	EP*24B****+TD1	17000	11.5	11.05	1750	600
AC218AKC	EP*24F****+TD1	17000	11.5	11.05	1750	600
AC218AKC	EP*30B****+TD1	17300	11.8	11.2	1750	600
AC218AKC	EP*30F****+TD1	17300	11.8	11.2	1750	600
AC218AKC	EP*30F****+NTV6050+TXV	17900	13.8	12.8	1750	670
AC218AKC	EP*30F****+NTV6075+TXV	17700	13.8	12.85	1750	635
AC218AKC	EP*30F****+MV12F19****+TXV	17500	14	12.9	1750	565
AC218AKC	EX*24B****+TD1	17800	12.5	11.8	1750	600
AC218AKC	EX*24B****+MV08B15****	18000	14	13.2	1750	665
AC218AKC	EX*24F****+TD1	17800	12.5	11.8	1750	600
AC218AKC	EX*24F****+NTV6050	18000	14	13.1	1750	645
AC218AKC	EX*24F****+NTV6075	18000	14	13.1	1750	605
AC218AKC	EX*24F****+*9MPV050	18200	13.5	12.6	1750	680
AC218AKC	EX*24F****+*9MPV075	18600	13.8	12.75	1750	695
AC218AKC	EX*24F****+MV12F19****	18000	14	13.3	1750	660
AC218AKC	EBP24****	17900	12	11.55	1750	600
AC218AKC	FWM24****	18000	12	11.45	1750	600
AC218AKC	EBV24****	18000	14	13.45	1750	600
AC218AKC	EBV36****	18000	13	12.3	1750	600
AC218AKC	EBX24****	18000	13	11.95	1750	600
AC218AKC	EMH24F****+TD1+TXV	17000	11.7	11.3	1750	600
AC218AKC	EMH30F****+TD1+TXV	17300	12	11.45	1750	600
AC218AKC	EP*18B****+TD1+TXV	16200	11.3	10.8	1750	600
AC218AKC	EP*24B****+TD1+TXV	17000	11.8	11.3	1750	600
AC218AKC	EP*30B****+TD1+TXV	17300	12	11.45	1750	600
AC218AKC	EP*30F****+TD1+TXV	17300	12	11.45	1750	600
AC218AKC	EBP24****+TXV	17900	12.5	11.9	1750	600
AC218AKC	FWM24****+TXV	17800	12.5	11.75	1750	600
AC224AKC	EP*36B****+TD1	23600	12	10.7	1750	800
AC224AKC	EBP24****	23000	12	10.75	1750	800
AC224AKC	EBP30****	23400	12	10.85	1750	800
AC224AKC	EBX24****	23400	12.2	11	1750	800
AC224AKC	EBV24****	24200	13.5	12.2	1750	785
AC224AKC	FWM24****	23000	12	10.9	1750	700
AC224AKC	FWM30****	23400	12	10.7	1750	800
AC224AKC	EMH24F****+TD1	21800	11	10.2	1750	800
AC224AKC	EMH30F****+TD1	22200	11	10.3	1750	800
AC224AKC	EMH36F****+TD1	23000	11.5	10.55	1750	800
AC224AKC	EP*24B****+TD1	21800	11	10.2	1750	800
AC224AKC	EP*30B****+TD1	22200	11	10.3	1750	800
AC224AKC	EP*30B****+NTV6050	22600	12.2	11.15	1750	835
AC224AKC	EP*30B****+NTV6075	22600	12.5	11.25	1750	820
AC224AKC	EP*30F****+TD1	22200	11	10.3	1750	800
AC224AKC	EP*30F****+NTV6075+TXV	22800	12.8	11.75	1750	850
AC224AKC	EP*36B****+TD1+TXV	23000	11.5	10.55	1750	800
AC224AKC	EP*36F****+TD1	23000	11.5	10.55	1750	800
AC224AKC	EP*36F****+NTV6050+TXV	23600	12.8	11.45	1750	870
AC224AKC	EP*36F****+NTV6075+TXV	23600	13	11.6	1750	860
AC224AKC	EP*36J****+TD1	23000	11.7	10.55	1750	800
AC224AKC	EX*24B****+TD1	23200	12	10.8	1750	800
AC224AKC	EX*24F****+TD1	23200	12	10.8	1750	800
AC224AKC	EX*24F****+NTV6050	23600	13	11.65	1750	820
AC224AKC	EX*24F****+NTV6075	23600	13	11.75	1750	800
AC224AKC	EX*24F****+*8MPV050	23600	12.5	11.2	1750	850

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	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)
AC224AKC	EX*24F****+*8MPV050	23600	12.5	11.2	1750	850
AC224AKC	EX*24F****+*9MPV050	23400	12.5	11.05	1750	855
AC224AKC	EX*24F****+*9MPV075	23600	12.5	11.35	1750	860
AC224AKC	EX*36B****+TD1	23800	12.5	11.05	1750	800
AC224AKC	EX*36F****+TD1	23800	12.5	11.05	1750	800
AC224AKC	EX*36J****+TD1	23800	12.5	11.05	1750	800
AC224AKC	EMH24F****+TD1+TXV	21600	11	10.1	1750	800
AC224AKC	EMH30F****+TD1+TXV	22000	11.5	10.25	1750	800
AC224AKC	EP*24B****+TD1+TXV	21600	11	10.1	1750	800
AC224AKC	EP*30B****+TD1+TXV	22000	11.5	10.25	1750	800
AC224AKC	EP*30F****+TD1+TXV	22000	11.5	10.25	1750	800
AC224AKC	EBP24****+TXV	23000	12	10.75	1750	800
AC224AKC	EBP30****+TXV	23200	12	10.9	1750	800
AC224AKC	FWM24****+TXV	22800	11.5	10.85	1750	700
AC224AKC	FWM30****+TXV	23400	12	10.75	1750	800
AC224AKC	EMH36F****+TD1+TXV	22400	11.5	10.7	1750	800
AC224AKC	EP*30F****+MV12F19****+TXV	22000	12.5	11.5	1750	695
AC224AKC	EP*36F****+TD1+TXV	22400	11.5	10.7	1750	800
AC224AKC	EP*36F****+MV12F19****+TXV	22400	12.5	11.9	1750	705
AC224AKC	EP*36J****+TD1+TXV	22400	11.5	10.7	1750	800
AC224AKC	EX*24B****+MV08B15****	23000	12.5	11.85	1750	730
AC224AKC	EX*24B****+MV12F19****	23000	12.5	11.95	1750	740
AC224AKC	EBV36****	23400	12.5	11.95	1750	800
AC224AKC	EBX36****	23000	11.5	11	1750	800
AC224AKC	EP*30B****+*9MPV050	22200	12	10.95	1750	795
AC224AKC	EP*30B****+*8MPV050	22600	11.5	11.05	1750	790
AC224AKC	EP*30B****+*9MPV075	22600	12	11.2	1750	785
AC224AKC	EP*30F****+*8MPV050+TXV	22600	12	11	1750	810
AC224AKC	EP*30F****+*9MPV050+TXV	22600	12	11	1750	760
AC224AKC	EP*30F****+*9MPV075+TXV	22800	12.2	11.15	1750	815
AC224AKC	EP*30F****+NTV6050+TXV	22600	12.5	11.3	1750	780
AC224AKC	EP*36F****+*8MPV050+TXV	23400	12.3	11.45	1750	785
AC224AKC	EP*36F****+*9MPV050+TXV	23400	12	11.4	1750	770
AC224AKC	EP*36F****+*9MPV075+TXV	23600	12.5	11.55	1750	830
AC224AKC	EX*24F****+*8MPV075	23800	13	11.6	1750	875
AC230AKC	EP*48F****+TD1	30000	12	10.5	2000	1000
AC230AKC	EP*48F****+TD1+TXV	30000	12	10.5	2000	1000
AC230AKC	EMH30F****+TD1	28400	11	9.85	2000	1000
AC230AKC	EMH30F****+TD1+TXV	28400	11.2	9.85	2000	1000
AC230AKC	EMH36F****+TD1	29400	11.5	10.15	2000	1000
AC230AKC	EMH36F****+TD1+TXV	29400	11.7	10.15	2000	1000
AC230AKC	EP*30B****+TD1	28400	11	9.9	2000	1000
AC230AKC	EP*30B****+TD1+TXV	28400	11.2	9.9	2000	1000
AC230AKC	EP*30F****+TD1	28400	11	9.85	2000	1000
AC230AKC	EP*30F****+TD1+TXV	28400	11.2	9.85	2000	1000
AC230AKC	EP*30F****+NTV6050+TXV	28600	11.7	10.45	2000	970
AC230AKC	EP*30F****+NTV6050	28600	11.5	10.45	2000	970
AC230AKC	EP*30F****+NTV6075+TXV	28600	11.7	10.55	2000	995
AC230AKC	EP*30F****+NTV6075	28600	11.5	10.55	2000	995
AC230AKC	EP*30F****+*9MPV050+TXV	28400	11.2	9.85	2000	1025
AC230AKC	EP*30F****+*9MPV050	28400	11	9.85	2000	1025
AC230AKC	EP*30F****+*9MPV075+TXV	28600	11.6	10.1	2000	1050
AC230AKC	EP*30F****+*9MPV075	28600	11.5	10.1	2000	1050
AC230AKC	EP*36B****+TD1	29400	11	10.2	2000	1000
AC230AKC	EP*36B****+TD1+TXV	29400	11.2	10.2	2000	1000
AC230AKC	EP*36F****+TD1	29600	11	10.2	2000	1000
AC230AKC	EP*36F****+TD1+TXV	29600	11.2	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	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)
AC230AKC	EP*36F****+TD1+TXV	29600	11.2	10.2	2000	1000
AC230AKC	EP*36F****+NTV6050+TXV	29800	12.2	10.75	2000	980
AC230AKC	EP*36F****+NTV6050	29800	12	10.75	2000	980
AC230AKC	EP*36F****+NTV6075+TXV	29800	12.2	10.85	2000	1005
AC230AKC	EP*36F****+NTV6075	29800	12	10.85	2000	1005
AC230AKC	EP*36F****+*9MPV050+TXV	29600	11.7	10.15	2000	1035
AC230AKC	EP*36F****+*9MPV050	29600	11.5	10.15	2000	1035
AC230AKC	EP*36F****+*9MPV075+TXV	29800	12.1	10.45	2000	1065
AC230AKC	EP*36F****+*9MPV075	29800	12	10.45	2000	1065
AC230AKC	EP*36F****+MV12F19****+TXV	30000	12.7	11.1	2000	1040
AC230AKC	EP*36F****+MV12F19****	30000	12.5	11.1	2000	1040
AC230AKC	EP*36J****+TD1	29400	11	10.1	2000	1000
AC230AKC	EP*36J****+TD1+TXV	29400	11.2	10.1	2000	1000
AC230AKC	EP*36J****+MV16J22****+TXV	29800	12.7	11.2	2000	1005
AC230AKC	EP*36J****+MV16J22****	29800	12.5	11.2	2000	1005
AC230AKC	EX*36B****+TD1	30000	12	10.55	2000	1000
AC230AKC	EX*36F****+TD1	30000	12	10.55	2000	1000
AC230AKC	EX*36F****+NTV6050	30000	12.5	11.1	2000	965
AC230AKC	EX*36F****+NTV6075	30000	12.5	11.15	2000	985
AC230AKC	EX*36F****+*9MPV050	30000	12	10.5	2000	1020
AC230AKC	EX*36F****+*9MPV075	30000	12.5	10.85	2000	1040
AC230AKC	EX*36F****+MV12F19****	30000	13	11.4	2000	1015
AC230AKC	EX*36J****+TD1	30000	12	10.55	2000	1000
AC230AKC	EX*36J****+NTV6100	30000	13	11.45	2000	1055
AC230AKC	EX*36J****+*9MPV100	30000	12.5	11.25	2000	1095
AC230AKC	EX*36J****+MV16J22****	30000	13	11.65	2000	1010
AC230AKC	EBP30****+TXV	30000	12	10.45	2000	1000
AC230AKC	EBP30****	30000	12	10.45	2000	1000
AC230AKC	EBP36****+TXV	30000	11.7	10.25	2000	1000
AC230AKC	EBP36****	30000	11.5	10.25	2000	1000
AC230AKC	EBV36****	30000	12.5	11.2	2000	1000
AC230AKC	EBX36****	30000	12	10.5	2000	1000
AC230AKC	EP*42F****+TD1	29600	11.5	10.4	2000	1000
AC230AKC	EP*42F****+TD1+TXV	29600	11.7	10.4	2000	1000
AC230AKC	EP*42F****+NTV6050+TXV	29600	12.2	10.6	2000	1100
AC230AKC	EP*42F****+NTV6050	29600	12	10.6	2000	1100
AC230AKC	EP*42F****+NTV6075+TXV	29600	12.7	11.05	2000	980
AC230AKC	EP*42F****+NTV6075	29600	12.5	11.05	2000	980
AC230AKC	EP*42F****+*9MPV050+TXV	29600	12.2	10.55	2000	935
AC230AKC	EP*42F****+*9MPV050	29600	12	10.55	2000	935
AC230AKC	EP*42F****+*9MPV075+TXV	29600	12.2	10.7	2000	1035
AC230AKC	EP*42F****+*9MPV075	29600	12	10.7	2000	1035
AC230AKC	EP*42J****+TD1	29600	11.5	10.4	2000	1000
AC230AKC	EP*42J****+TD1+TXV	29600	11.7	10.4	2000	1000
AC230AKC	EP*42J****+NTV6100+TXV	29600	12.2	10.85	2000	990
AC230AKC	EP*42J****+NTV6100	29600	12	10.85	2000	990
AC230AKC	EP*42J****+*9MPV100+TXV	29600	12.2	10.65	2000	890
AC230AKC	EP*42J****+*9MPV100	29600	12	10.65	2000	890
AC230AKC	EX*42F****+TD1	30400	12	10.7	2000	1000
AC230AKC	EX*42J****+TD1	30400	12	10.7	2000	1000
AC230AKC	EBP42****+TXV	29600	11.7	10.2	2000	1000
AC230AKC	EBP42****	29600	11.5	10.2	2000	1000
AC236AKC	EP*48F****+TD1	36000	12	10.7	3100	1200
AC236AKC	EMH36F****+TD1	34400	11.25	10.35	3100	1200
AC236AKC	EMH42F****+TD1	35400	11.5	10.65	3100	1100
AC236AKC	EMH48F****+TD1	36000	11.7	10.75	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	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)
AC236AKC	EMH48F****+TD1	36000	11.7	10.75	3100	1200
AC236AKC	EP*36B****+TD1	33600	11.5	10.45	3100	1000
AC236AKC	EP*36F****+TD1	34400	11.4	10.35	3100	1200
AC236AKC	EP*36F****+NTV6050+TXV	34400	11.8	10.65	3100	1140
AC236AKC	EP*36F****+MV12F19****+TXV	34800	12	10.75	3100	1240
AC236AKC	EP*36J****+TD1	34400	11.5	10.35	3100	1200
AC236AKC	EP*36J****+NTV6100	34800	12	11.15	3100	1210
AC236AKC	EP*36J****+*8MPV100	34800	12	10.95	3100	1250
AC236AKC	EP*36J****+*9MPV100	34800	12	10.8	3100	1230
AC236AKC	EP*36J****+MV16J22****+TXV	35000	12.3	11.05	3100	1215
AC236AKC	EP*42F****+TD1	35400	11.6	10.65	3100	1100
AC236AKC	EP*42F****+NTV6050+TXV	35600	12.2	11.05	3100	1120
AC236AKC	EP*42J****+TD1	35800	11.6	10.6	3100	1200
AC236AKC	EP*42J****+NTV6100+TXV	35800	12.2	11.1	3100	1190
AC236AKC	EP*42J****+*8MPV100+TXV	35800	12.2	10.95	3100	1215
AC236AKC	EP*42J****+MV16J22****+TXV	36000	12.2	11.15	3100	1210
AC236AKC	EP*48F****+TD1+TXV	36000	12.1	10.7	3100	1200
AC236AKC	EP*48F****+NTV6050+TXV	36000	12.3	11	3100	1140
AC236AKC	EP*48J****+TD1	36000	12	10.75	3100	1200
AC236AKC	EP*48J****+NTV6100+TXV	36000	13	11.65	3100	1230
AC236AKC	EP*48J****+*8MPV100+TXV	36000	12.8	11.5	3100	1270
AC236AKC	EP*48J****+*9MPV100+TXV	36000	12.5	11.3	3100	1245
AC236AKC	EP*48J****+MV16J22****+TXV	36000	13	11.8	3100	1235
AC236AKC	EP*48N****+TD1	36000	12	10.8	3100	1200
AC236AKC	EP*48N****+NTV6125+TXV	36000	13	11.7	3100	1185
AC236AKC	EP*48N****+*8MPV125+TXV	36000	12.8	11.45	3100	1270
AC236AKC	EP*48N****+*9MPV125+TXV	36000	12.5	11.25	3100	1255
AC236AKC	EX*36B****+TD1	36000	12	10.75	3100	1100
AC236AKC	EX*36F****+TD1	36000	12	10.75	3100	1100
AC236AKC	EX*36F****+MV12F19****	36000	12.5	11.35	3100	1210
AC236AKC	EX*36J****+TD1	36000	12	10.8	3100	1200
AC236AKC	EX*36J****+MV16J22****	36000	13	11.75	3100	1225
AC236AKC	EX*42F****+TD1	36000	12.2	11	3100	1200
AC236AKC	EX*42J****+TD1	36000	12.2	11	3100	1200
AC236AKC	EBP36****	35800	11.4	10.45	3100	1200
AC236AKC	EBP42****	36000	11.6	10.65	3100	1200
AC236AKC	EBV36****	36000	13	11.4	3100	1200
AC236AKC	EBV48****	36000	13.5	12	3100	1200
AC236AKC	EBX36****	36000	12	10.7	3100	1200
AC236AKC	EBX48****	36000	12.5	11.1	3100	1200
AC236AKC	EP*36B****+TD1+TXV	33600	11.7	10.7	3100	1000
AC236AKC	EP*36F****+TD1+TXV	34400	11.6	10.5	3100	1200
AC236AKC	EP*36J****+NTV6100+TXV	34800	12.2	11.3	3100	1210
AC236AKC	EP*36J****+*8MPV100+TXV	34800	12.2	11.15	3100	1250
AC236AKC	EP*36J****+*9MPV100+TXV	34600	12.2	10.95	3100	1230
AC236AKC	EP*42F****+TD1+TXV	35400	11.8	10.8	3100	1100
AC236AKC	EP*42J****+TD1+TXV	35800	11.8	10.8	3100	1200
AC236AKC	EP*48J****+TD1+TXV	36000	12.1	10.8	3100	1200
AC236AKC	EP*48N****+TD1+TXV	36000	12.1	10.8	3100	1200
AC236AKC	EBP36****+TXV	35800	11.6	10.4	3100	1200
AC236AKC	EBP42****+TXV	36000	11.8	10.7	3100	1200
AC236AKC	EP*48L****+TD1	36000	11.8	10.7	3100	1200
AC236AKC	EP*48L****+TD1+TXV	36000	12	10.8	3100	1200
AC236AKC	EMH36F****+TD1+TXV	34400	11.35	10.15	3100	1200
AC236AKC	EMH42F****+TD1+TXV	35400	11.7	10.55	3100	1100
AC236AKC	EMH48F****+TD1+TXV	36000	12	10.8	3100	1200

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PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	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)
AC242AKC	EP*60J****+TD1	41500	12	10.6	3000	1400
AC242AKC	EMH42F****+TD1	39500	11.5	10.4	3000	1100
AC242AKC	EMH48F****+TD1	40000	11.7	10.5	3000	1300
AC242AKC	EP*42F****+TD1	39500	11.5	10.4	3000	1100
AC242AKC	EP*42J****+TD1	40000	11.5	10.4	3000	1200
AC242AKC	EP*42J****+NTV6100+TXV	40000	11.8	10.4	3000	1190
AC242AKC	EP*42J****+*8MPV100+TXV	39500	11.7	10.3	3000	1215
AC242AKC	EP*42J****+MV16J22****+TXV	40000	12	10.45	3000	1210
AC242AKC	EP*48F****+TD1	40000	11.7	10.45	3000	1300
AC242AKC	EP*48J****+TD1	40000	11.7	10.5	3000	1400
AC242AKC	EP*48J****+NTV6100+TXV	41000	12.5	11.05	3000	1410
AC242AKC	EP*48J****+*8MPV100+TXV	41000	12.5	10.85	3000	1405
AC242AKC	EP*48J****+*9MPV100+TXV	41000	12	10.6	3000	1420
AC242AKC	EP*48J****+MV16J22****+TXV	41000	12.7	11.15	3000	1415
AC242AKC	EP*48N****+TD1	41000	11.7	10.5	3000	1400
AC242AKC	EP*48N****+NTV6125+TXV	41000	12.5	11.1	3000	1360
AC242AKC	EP*48N****+*8MPV125+TXV	41000	12.2	10.85	3000	1425
AC242AKC	EP*48N****+*9MPV125+TXV	41000	12	10.55	3000	1425
AC242AKC	EX*42F****+TD1	41000	12	10.6	3000	1200
AC242AKC	EX*42J****+TD1	41000	12	10.6	3000	1200
AC242AKC	EX*42J****+NTV6100	41500	12.8	11.2	3000	1375
AC242AKC	EX*42J****+*8MPV100	41500	12.5	11	3000	1375
AC242AKC	EX*42J****+*9MPV100	41000	12.2	10.75	3000	1390
AC242AKC	EX*42J****+MV16J22****	41500	13	11.25	3000	1385
AC242AKC	EX*48J****+TD1	41500	12	10.6	3000	1400
AC242AKC	EX*48N****+TD1	41500	12	10.6	3000	1400
AC242AKC	EBP42****	41000	11.5	10.35	3000	1400
AC242AKC	EBP48****	42000	11.8	10.5	3000	1400
AC242AKC	EBV48****	42000	13	11.6	3000	1400
AC242AKC	EBX48****	42000	12	10.75	3000	1400
AC242AKC	EMH42F****+TD1+TXV	39500	11.7	10.4	3000	1100
AC242AKC	EMH48F****+TD1+TXV	40000	12	10.5	3000	1300
AC242AKC	EP*42F****+TD1+TXV	39500	11.6	10.35	3000	1100
AC242AKC	EP*42J****+TD1+TXV	40000	11.6	10.35	3000	1200
AC242AKC	EP*48F****+TD1+TXV	40000	11.8	10.45	3000	1300
AC242AKC	EP*48J****+TD1+TXV	40000	11.8	10.5	3000	1400
AC242AKC	EP*48L****+TD1+TXV	41000	11.8	10.5	3000	1400
AC242AKC	EP*48N****+TD1+TXV	41000	11.8	10.5	3000	1400
AC242AKC	EP*60J****+TD1+TXV	41500	12.1	10.6	3000	1400
AC242AKC	EP*60L****+TD1+TXV	41500	12.1	10.6	3000	1400
AC242AKC	EBP42****+TXV	41000	11.6	10.35	3000	1400
AC242AKC	EBP48****+TXV	42000	12	10.5	3000	1400
AC242AKC	EP*48L****+TD1	41000	11.7	10.5	3000	1400
AC242AKC	EP*60L****+TD1	41500	12	10.6	3000	1400
AC248AKC	EP*60N****+TD1	48000	12	10.7	3600	1400
AC248AKC	EMH48F****+TD1	48000	11.5	10.4	3600	1300
AC248AKC	EMH48F****+TD1+TXV	48000	11.7	10.75	3600	1300
AC248AKC	EP*48F****+TD1	47000	11.5	10.3	3600	1300
AC248AKC	EP*48F****+TD1+TXV	47000	11.5	10.7	3600	1300
AC248AKC	EP*48J****+TD1	48000	11.5	10.4	3600	1400
AC248AKC	EP*48J****+TD1+TXV	47000	11.5	10.75	3600	1400
AC248AKC	EP*48N****+TD1	48000	11.5	10.4	3600	1400
AC248AKC	EP*48N****+TD1+TXV	48000	11.5	10.8	3600	1400
AC248AKC	EP*48N****+NTV6125+TXV	48000	12	11.2	3600	1525
AC248AKC	EP*48N****+*8MPV125+TXV	48000	11.5	10.85	3600	1560

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	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)
AC248AKC	EP*48N****+*9MPV125+TXV	48000	11.3	10.5	3600	1590
AC248AKC	EP*60J****+TD1	48000	11.5	10.4	3600	1600
AC248AKC	EP*60J****+TD1+TXV	48000	11.7	10.85	3600	1600
AC248AKC	EP*60N****+TD1+TXV	48000	11.5	10.85	3600	1600
AC248AKC	EP*60N****+NTV6125+TXV	48000	12.2	11.4	3600	1570
AC248AKC	EX*48J****+TD1	48000	11.5	10.9	3600	1500
AC248AKC	EX*48L****+TD1	48000	11.5	10.9	3600	1500
AC248AKC	EX*48N****+TD1	48000	11.5	10.9	3600	1500
AC248AKC	EX*48N****+NTV6125	48000	12	11.35	3600	1540
AC248AKC	EX*48N****+*9MPV125	48000	11.3	10.65	3600	1605
AC248AKC	EX*60N****+TD1	48000	12	11.3	3600	1600
AC248AKC	EBP48****	48000	11	10	3600	1600
AC248AKC	EBP48****+TXV	48000	11.3	10.75	3600	1600
AC248AKC	EBP60****	50000	11	10.05	3600	1600
AC248AKC	EBP60****+TXV	50000	11.4	10.8	3600	1600
AC248AKC	EBV48****	50000	12.3	11.55	3600	1600
AC248AKC	EBX48****	50000	11.7	11.05	3600	1600
AC248AKC	EBV60****	48000	12.5	11.85	3600	1600
AC248AKC	EBX60****	48000	11.5	11.15	3600	1600
AC248AKC	EP*48L****+TD1	47000	11	10.2	3600	1400
AC248AKC	EP*60L****+TD1	48000	11.3	10.2	3600	1600
AC248AKC	EP*48L****+TD1+TXV	47000	11.2	10.75	3600	1400
AC248AKC	EP*60L****+TD1+TXV	48000	11.5	10.85	3600	1600
AC248AKC	EP*60N****+*8MPV125+TXV	48000	12	11.3	3600	1450
AC248AKC	EP*60N****+*9MPV125+TXV	48000	11.7	11.05	3600	1440
AC260AKC	EX*60N****+TD1	56500	12	10.4	4000	1700
AC260AKC	EBP60****+TXV	57000	11	9.9	4000	1800
AC260AKC	EP*60J****+TD1+TXV	54000	11	9.85	4000	1700
AC260AKC	EP*60N****+TD1+TXV	54000	11	9.9	4000	1700
AC260AKC	EP*60N****+MV20N26****+TXV	55000	11	10.15	4000	1840
AC260AKC	EX*60L****+TD1	58000	12	10.45	4000	1700
AC260AKC	EX*60N****+MV20N26****	59000	12	10.75	4000	1830
AC260AKC	EBP60****+TXV	57000	11	9.9	4000	1800
AC260AKC	EBV60****	58500	12	10.5	4000	1800
AC260AKC	EBX60****	58000	11.3	10.2	4000	1800
AC260AKC	EP*60J****+*8MPV100+TXV	54000	10.5	9.9	4000	1785
AC260AKC	EP*60J****+*9MPV100+TXV	54000	10.4	9.55	4000	1815
AC260AKC	EP*60L****+TD1+TXV	54000	10.4	9.9	4000	1700
AC260AKC	EP*60L****+*8MPV125+TXV	54000	10.2	9.75	4000	1790

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MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER *	AC	2	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 w/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 (°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

Accessory	Description	Used On
AMF153TKB	Expansion Valve Kit	1 1/2 - 3 Ton
AMF355TKB	Expansion Valve Kit	3 1/2 - 5 Ton
AMB001CMA	Mesh Grille Guard (Pkg of 6) Trim to Fit	All Models
AMA001TDA	Indoor Blower Time Delay	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