

CAE SERIES

3 to 5 Ton Split System Condensers



12 - 13 SEER
Three Phase



STANDARD 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
- High and Low pressure switches for compressor protection
- Low Ambient Control
- Fan motor in-line disconnect plug
- Coil Guard
- 1 Year parts, 5 year compressor limited warranties
- 12+ SEER with Expansion Valve coils



Rated in accordance
with ARI Standard 210.



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

International Comfort Products (LLC)
650 Heil-Quaker Avenue, Lewisburg, TN 37091

501 51 1702 00

1/22/04

UNIT SPECIFICATIONS												
	MODELS - CAE											
Cooling	036HC	036LC	036SC	042HC	042LC	042SC	048HC	048LC	048SC	060HC	060LC	060SC
Capacity BTUH - Range	33,600 to 36,000			39,500 to 42,000			47,000 to 50,000			54,000 to 59,000		
SEER	11.6-14.0			11.8-13.3			11.3-12.9			11.2-12.2		
Electrical												
Volts / Phase / Hertz	230/3/60	460/3/60	575/3/60	230/3/60	460/3/60	575/3/60	230/3/60	460/3/60	575/3/60	230/3/60	460/3/60	575/3/60
Voltage Min - Max	197-253	414-506	517-633	197-253	414-506	517-633	197-253	414-506	517-633	197-253	414-506	517-633
Total Unit Amps	14.87	7.43	5.95	17.83	8.92	7.13	19.87	9.93	7.95	24.12	12.06	9.65
Min. Circuit Amp.	14.7	7.2	5.9	17.4	8.0	6.6	19.9	9.7	7.1	23.1	11.1	8.2
Minimum Fuse Size	20	15	15	25	15	15	30	15	15	35	20	15
Max. Fuse	20	15	15	25	15	15	30	15	15	40	20	15
Compressor												
RLA	10.3	5.1	4.2	12.4	5.8	4.8	14.7	7.1	5.1	17.3	8.2	7.1
LRA	77.0	39.0	31.0	88.0	44.0	34.0	91.0	50.0	37.0	123	62.0	50.0
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Condenser Fan Data												
Quantity	1	1	1	1	1	1	1	1	1	1	1	1
Volts/Phase/Hertz	230/1/60	460/1/60	575/1/60	230/1/60	460/1/60	575/1/60	230/1/60	460/1/60	575/1/60	230/1/60	460/1/60	575/1/60
FLA	1.9	0.74	0.57	1.9	0.74	0.57	1.5	0.87	0.68	1.5	0.87	0.68
LRA	3.7	2.2	1.9	3.7	2.2	1.9	2.9	1.8	1.65	2.9	1.8	1.65
Blades/Diameter/Pitch	3/20/28	3/20/28	3/20/28	3/20/28	3/20/28	3/20/28	3/26/28	3/26/28	3/26/28	3/26/28	3/26/28	3/26/28
Hp - Rpm - Speeds	1/3-1075-1	1/3-1075-1	1/3-1075-1	1/3-1075-1	1/3-1075-1	1/3-1075-1	1/4-840-1	1/4-840-1	1/4-840-1	1/4-840-1	1/4-840-1	1/4-840-1
Bearing Type	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve	Sleeve
Rotation (Shaft End)	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW
Max. CFM	2800	2800	2800	2800	2800	2800	3400	3400	3400	3400	3400	3400
Condenser Coil												
Rows / Fins per Inch	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24
Total Face Area-Sq. ft.	17.8	17.8	17.8	17.8	17.8	17.8	20.0	20.0	20.0	26.7	26.7	26.7
Tube Diameter	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Refrigerant												
Type	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22
Ounces *	114			130.4			146.9			174		
Supplied Optional Orifice Size	.072	.072	.072	.079	.079	.079	.084	.084	.084	TXV	TXV	TXV
Line Size Suction I.D. (in.)	3/4	3/4	3/4	3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8	7/8
Line Size Liquid I.D. (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Controls												
Compressor IPR Valve (psi) Average	500	500	500	500	500	500	500	500	500	500	500	500
High Press. Switch Auto Reset - Open / Close psi	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300
Low Press. Switch Auto Reset - Open- Close psi	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20
Misc.												
Shipping Weight	191	191	191	203	203	203	255	255	255	275	275	275

* Unit shipped with holding charge.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE036(G)HC*	EP*48F****+TD1	36000	12.45	12	3100	1200
CAE036(G)HC*	EMH36F****+TD1	34400	11.65	11.25	3100	1200
CAE036(G)HC*	EMH42F****+TD1	35400	11.95	11.5	3100	1100
CAE036(G)HC*	EMH48F****+TD1	36000	12.15	11.7	3100	1200
CAE036(G)HC*	EP*36B****+TD1	33600	11.95	11.5	3100	1000
CAE036(G)HC*	EP*36F****+TD1	34400	11.85	11.4	3100	1200
CAE036(G)HC*	EP*36F****+NTV6050+TXV	34400	12.25	11.8	3100	1140
CAE036(G)HC*	EP*36F****+MV12F19****+TXV	34800	12.45	12	3100	1240
CAE036(G)HC*	EP*36J****+TD1	34400	11.95	11.5	3100	1200
CAE036(G)HC*	EP*36J****+NTV6100	34800	12.45	12	3100	1210
CAE036(G)HC*	EP*36J****+8MPV100	34800	12.45	12	3100	1250
CAE036(G)HC*	EP*36J****+9MPV100	34800	12.45	12	3100	1230
CAE036(G)HC*	EP*36J****+MV16J22****+TXV	35000	12.75	12.3	3100	1215
CAE036(G)HC*	EP*42F****+TD1	35400	12.05	11.6	3100	1100
CAE036(G)HC*	EP*42F****+NTV6050+TXV	35600	12.65	12.2	3100	1120
CAE036(G)HC*	EP*42J****+TD1	35800	12.05	11.6	3100	1200
CAE036(G)HC*	EP*42J****+NTV6100+TXV	35800	12.65	12.2	3100	1190
CAE036(G)HC*	EP*42J****+8MPV100+TXV	35800	12.65	12.2	3100	1215
CAE036(G)HC*	EP*42J****+MV16J22****+TXV	36000	12.65	12.2	3100	1210
CAE036(G)HC*	EP*48F****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)HC*	EP*48F****+NTV6050+TXV	36000	12.75	12.3	3100	1140
CAE036(G)HC*	EP*48J****+TD1	36000	12.45	12	3100	1200
CAE036(G)HC*	EP*48J****+NTV6100+TXV	36000	13.5	13	3100	1230
CAE036(G)HC*	EP*48J****+8MPV100+TXV	36000	13.3	12.8	3100	1270
CAE036(G)HC*	EP*48J****+9MPV100+TXV	36000	12.95	12.5	3100	1245
CAE036(G)HC*	EP*48J****+MV16J22****+TXV	36000	13.5	13	3100	1235
CAE036(G)HC*	EP*48N****+TD1	36000	12.45	12	3100	1200
CAE036(G)HC*	EP*48N****+NTV6125+TXV	36000	13.5	13	3100	1185
CAE036(G)HC*	EP*48N****+8MPV125+TXV	36000	13.3	12.8	3100	1270
CAE036(G)HC*	EP*48N****+9MPV125+TXV	36000	12.95	12.5	3100	1255
CAE036(G)HC*	EX*36B****+TD1	36000	12.45	12	3100	1100
CAE036(G)HC*	EX*36F****+TD1	36000	12.45	12	3100	1100
CAE036(G)HC*	EX*36F****+MV12F19****	36000	12.95	12.5	3100	1210
CAE036(G)HC*	EX*36J****+TD1	36000	12.45	12	3100	1200
CAE036(G)HC*	EX*36J****+MV16J22****	36000	13.5	13	3100	1225
CAE036(G)HC*	EX*42F****+TD1	36000	12.65	12.2	3100	1200
CAE036(G)HC*	EX*42J****+TD1	36000	12.65	12.2	3100	1200
CAE036(G)HC*	EBP36****	35800	11.85	11.4	3100	1200
CAE036(G)HC*	EBP42****	36000	12.05	11.6	3100	1200
CAE036(G)HC*	EBV36****	36000	13.5	13	3100	1200
CAE036(G)HC*	EBV48****	36000	14	13.5	3100	1200
CAE036(G)HC*	EBX36****	36000	12.45	12	3100	1200
CAE036(G)HC*	EBX48****	36000	12.95	12.5	3100	1200
CAE036(G)HC*	EP*36B****+TD1+TXV	33600	12.15	11.7	3100	1000
CAE036(G)HC*	EP*36F****+TD1+TXV	34400	12.05	11.6	3100	1200
CAE036(G)HC*	EP*36J****+NTV6100+TXV	34800	12.65	12.2	3100	1210
CAE036(G)HC*	EP*36J****+8MPV100+TXV	34800	12.65	12.2	3100	1250
CAE036(G)HC*	EP*36J****+9MPV100+TXV	34600	12.65	12.2	3100	1230
CAE036(G)HC*	EP*42F****+TD1+TXV	35400	12.25	11.8	3100	1100
CAE036(G)HC*	EP*42J****+TD1+TXV	35800	12.25	11.8	3100	1200
CAE036(G)HC*	EP*48J****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)HC*	EP*48N****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)HC*	EBP36****+TXV	35800	12.05	11.6	3100	1200
CAE036(G)HC*	EBP42****+TXV	36000	12.25	11.8	3100	1200
CAE036(G)HC*	EP*48L****+TD1	36000	12.25	11.8	3100	1200
CAE036(G)HC*	EP*48L****+TD1+TXV	36000	12.45	12	3100	1200
CAE036(G)HC*	EMH36F****+TD1+TXV	34400	11.75	11.35	3100	1200
CAE036(G)HC*	EMH42F****+TD1+TXV	35400	12.15	11.7	3100	1100
CAE036(G)HC*	EMH48F****+TD1+TXV	36000	12.45	12	3100	1200
CAE036(G)LC*	EP*48F****+TD1	36000	12.45	12	3100	1200
CAE036(G)LC*	EMH36F****+TD1	34400	11.65	11.25	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.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE036(G)LC*	EMH42F****+TD1	35400	11.95	11.5	3100	1100
CAE036(G)LC*	EMH48F****+TD1	36000	12.15	11.7	3100	1200
CAE036(G)LC*	EP*36B****+TD1	33600	11.95	11.5	3100	1000
CAE036(G)LC*	EP*36F****+TD1	34400	11.85	11.4	3100	1200
CAE036(G)LC*	EP*36F****+NTV6050+TXV	34400	12.25	11.8	3100	1140
CAE036(G)LC*	EP*36F****+MV12F19****+TXV	34800	12.45	12	3100	1240
CAE036(G)LC*	EP*36J****+TD1	34400	11.95	11.5	3100	1200
CAE036(G)LC*	EP*36J****+NTV6100	34800	12.45	12	3100	1210
CAE036(G)LC*	EP*36J****+8MPV100	34800	12.45	12	3100	1250
CAE036(G)LC*	EP*36J****+9MPV100	34800	12.45	12	3100	1230
CAE036(G)LC*	EP*36J****+MV16J22****+TXV	35000	12.75	12.3	3100	1215
CAE036(G)LC*	EP*42F****+TD1	35400	12.05	11.6	3100	1100
CAE036(G)LC*	EP*42F****+NTV6050+TXV	35600	12.65	12.2	3100	1120
CAE036(G)LC*	EP*42J****+TD1	35800	12.05	11.6	3100	1200
CAE036(G)LC*	EP*42J****+NTV6100+TXV	35800	12.65	12.2	3100	1190
CAE036(G)LC*	EP*42J****+8MPV100+TXV	35800	12.65	12.2	3100	1215
CAE036(G)LC*	EP*42J****+MV16J22****+TXV	36000	12.65	12.2	3100	1210
CAE036(G)LC*	EP*48F****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)LC*	EP*48F****+NTV6050+TXV	36000	12.75	12.3	3100	1140
CAE036(G)LC*	EP*48J****+TD1	36000	12.45	12	3100	1200
CAE036(G)LC*	EP*48J****+NTV6100+TXV	36000	13.5	13	3100	1230
CAE036(G)LC*	EP*48J****+8MPV100+TXV	36000	13.3	12.8	3100	1270
CAE036(G)LC*	EP*48J****+9MPV100+TXV	36000	12.95	12.5	3100	1245
CAE036(G)LC*	EP*48J****+MV16J22****+TXV	36000	13.5	13	3100	1235
CAE036(G)LC*	EP*48N****+TD1	36000	12.45	12	3100	1200
CAE036(G)LC*	EP*48N****+NTV6125+TXV	36000	13.5	13	3100	1185
CAE036(G)LC*	EP*48N****+8MPV125+TXV	36000	13.3	12.8	3100	1270
CAE036(G)LC*	EP*48N****+9MPV125+TXV	36000	12.95	12.5	3100	1255
CAE036(G)LC*	EX*36B****+TD1	36000	12.45	12	3100	1100
CAE036(G)LC*	EX*36F****+TD1	36000	12.45	12	3100	1100
CAE036(G)LC*	EX*36F****+MV12F19****	36000	12.95	12.5	3100	1210
CAE036(G)LC*	EX*36J****+TD1	36000	12.45	12	3100	1200
CAE036(G)LC*	EX*36J****+MV16J22****	36000	13.5	13	3100	1225
CAE036(G)LC*	EX*42F****+TD1	36000	12.65	12.2	3100	1200
CAE036(G)LC*	EX*42J****+TD1	36000	12.65	12.2	3100	1200
CAE036(G)LC*	EBP36****	35800	11.85	11.4	3100	1200
CAE036(G)LC*	EBP42****	36000	12.05	11.6	3100	1200
CAE036(G)LC*	EBV36****	36000	13.5	13	3100	1200
CAE036(G)LC*	EBV48****	36000	14	13.5	3100	1200
CAE036(G)LC*	EBX36****	36000	12.45	12	3100	1200
CAE036(G)LC*	EBX48****	36000	12.95	12.5	3100	1200
CAE036(G)LC*	EP*36B****+TD1+TXV	33600	12.15	11.7	3100	1000
CAE036(G)LC*	EP*36F****+TD1+TXV	34400	12.05	11.6	3100	1200
CAE036(G)LC*	EP*36J****+NTV6100+TXV	34800	12.65	12.2	3100	1210
CAE036(G)LC*	EP*36J****+8MPV100+TXV	34800	12.65	12.2	3100	1250
CAE036(G)LC*	EP*36J****+9MPV100+TXV	34600	12.65	12.2	3100	1230
CAE036(G)LC*	EP*42F****+TD1+TXV	35400	12.25	11.8	3100	1100
CAE036(G)LC*	EP*42J****+TD1+TXV	35800	12.25	11.8	3100	1200
CAE036(G)LC*	EP*48J****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)LC*	EP*48N****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)LC*	EBP36****+TXV	35800	12.05	11.6	3100	1200
CAE036(G)LC*	EBP42****+TXV	36000	12.25	11.8	3100	1200
CAE036(G)LC*	EP*48L****+TD1	36000	12.25	11.8	3100	1200
CAE036(G)LC*	EP*48L****+TD1+TXV	36000	12.45	12	3100	1200
CAE036(G)LC*	EMH36F****+TD1+TXV	34400	11.75	11.35	3100	1200
CAE036(G)LC*	EMH42F****+TD1+TXV	35400	12.15	11.7	3100	1100
CAE036(G)LC*	EMH48F****+TD1+TXV	36000	12.45	12	3100	1200
CAE036(G)SC*	EP*48F****+TD1	36000	12.45	12	3100	1200
CAE036(G)SC*	EMH36F****+TD1	34400	11.65	11.25	3100	1200
CAE036(G)SC*	EMH42F****+TD1	35400	11.95	11.5	3100	1100

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.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE036(G)SC*	EMH48F****+TD1	36000	12.15	11.7	3100	1200
CAE036(G)SC*	EP*36B****+TD1	33600	11.95	11.5	3100	1000
CAE036(G)SC*	EP*36F****+TD1	34400	11.85	11.4	3100	1200
CAE036(G)SC*	EP*36F****+NTV6050+TXV	34400	12.25	11.8	3100	1140
CAE036(G)SC*	EP*36F****+MV12F19****+TXV	34800	12.45	12	3100	1240
CAE036(G)SC*	EP*36J****+TD1	34400	11.95	11.5	3100	1200
CAE036(G)SC*	EP*36J****+NTV6100	34800	12.45	12	3100	1210
CAE036(G)SC*	EP*36J****+8MPV100	34800	12.45	12	3100	1250
CAE036(G)SC*	EP*36J****+9MPV100	34800	12.45	12	3100	1230
CAE036(G)SC*	EP*36J****+MV16J22****+TXV	35000	12.75	12.3	3100	1215
CAE036(G)SC*	EP*42F****+TD1	35400	12.05	11.6	3100	1100
CAE036(G)SC*	EP*42F****+NTV6050+TXV	35600	12.65	12.2	3100	1120
CAE036(G)SC*	EP*42J****+TD1	35800	12.05	11.6	3100	1200
CAE036(G)SC*	EP*42J****+NTV6100+TXV	35800	12.65	12.2	3100	1190
CAE036(G)SC*	EP*42J****+8MPV100+TXV	35800	12.65	12.2	3100	1215
CAE036(G)SC*	EP*42J****+MV16J22****+TXV	36000	12.65	12.2	3100	1210
CAE036(G)SC*	EP*48F****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)SC*	EP*48F****+NTV6050+TXV	36000	12.75	12.3	3100	1140
CAE036(G)SC*	EP*48J****+TD1	36000	12.45	12	3100	1200
CAE036(G)SC*	EP*48J****+NTV6100+TXV	36000	13.5	13	3100	1230
CAE036(G)SC*	EP*48J****+8MPV100+TXV	36000	13.3	12.8	3100	1270
CAE036(G)SC*	EP*48J****+9MPV100+TXV	36000	12.95	12.5	3100	1245
CAE036(G)SC*	EP*48J****+MV16J22****+TXV	36000	13.5	13	3100	1235
CAE036(G)SC*	EP*48N****+TD1	36000	12.45	12	3100	1200
CAE036(G)SC*	EP*48N****+NTV6125+TXV	36000	13.5	13	3100	1185
CAE036(G)SC*	EP*48N****+8MPV125+TXV	36000	13.3	12.8	3100	1270
CAE036(G)SC*	EP*48N****+9MPV125+TXV	36000	12.95	12.5	3100	1255
CAE036(G)SC*	EX*36B****+TD1	36000	12.45	12	3100	1100
CAE036(G)SC*	EX*36F****+TD1	36000	12.45	12	3100	1100
CAE036(G)SC*	EX*36F****+MV12F19****	36000	12.95	12.5	3100	1210
CAE036(G)SC*	EX*36J****+TD1	36000	12.45	12	3100	1200
CAE036(G)SC*	EX*36J****+MV16J22****	36000	13.5	13	3100	1225
CAE036(G)SC*	EX*42F****+TD1	36000	12.65	12.2	3100	1200
CAE036(G)SC*	EX*42J****+TD1	36000	12.65	12.2	3100	1200
CAE036(G)SC*	EBP36****	35800	11.85	11.4	3100	1200
CAE036(G)SC*	EBP42****	36000	12.05	11.6	3100	1200
CAE036(G)SC*	EBV36****	36000	13.5	13	3100	1200
CAE036(G)SC*	EBV48****	36000	14	13.5	3100	1200
CAE036(G)SC*	EBX36****	36000	12.45	12	3100	1200
CAE036(G)SC*	EBX48****	36000	12.95	12.5	3100	1200
CAE036(G)SC*	EP*36B****+TD1+TXV	33600	12.15	11.7	3100	1000
CAE036(G)SC*	EP*36F****+TD1+TXV	34400	12.05	11.6	3100	1200
CAE036(G)SC*	EP*36J****+NTV6100+TXV	34800	12.65	12.2	3100	1210
CAE036(G)SC*	EP*36J****+8MPV100+TXV	34800	12.65	12.2	3100	1250
CAE036(G)SC*	EP*36J****+9MPV100+TXV	34600	12.65	12.2	3100	1230
CAE036(G)SC*	EP*42F****+TD1+TXV	35400	12.25	11.8	3100	1100
CAE036(G)SC*	EP*42J****+TD1+TXV	35800	12.25	11.8	3100	1200
CAE036(G)SC*	EP*48J****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)SC*	EP*48N****+TD1+TXV	36000	12.55	12.1	3100	1200
CAE036(G)SC*	EBP36****+TXV	35800	12.05	11.6	3100	1200
CAE036(G)SC*	EBP42****+TXV	36000	12.25	11.8	3100	1200
CAE036(G)SC*	EP*48L****+TD1	36000	12.25	11.8	3100	1200
CAE036(G)SC*	EP*48L****+TD1+TXV	36000	12.45	12	3100	1200
CAE036(G)SC*	EMH36F****+TD1+TXV	34400	11.75	11.35	3100	1200
CAE036(G)SC*	EMH42F****+TD1+TXV	35400	12.15	11.7	3100	1100
CAE036(G)SC*	EMH48F****+TD1+TXV	36000	12.45	12	3100	1200
CAE042(G)HC*	EP*60J****+TD1	41500	12.3	12	3000	1400
CAE042(G)HC*	EMH42F****+TD1	39500	11.8	11.5	3000	1100
CAE042(G)HC*	EMH48F****+TD1	40000	12	11.7	3000	1300
CAE042(G)HC*	EP*42F****+TD1	39500	11.8	11.5	3000	1100

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.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE042(G)HC*	EP*42J****+TD1	40000	11.8	11.5	3000	1200
CAE042(G)HC*	EP*42J****+NTV6100+TXV	40000	12.1	11.8	3000	1190
CAE042(G)HC*	EP*42J****+8MPV100+TXV	39500	12	11.7	3000	1215
CAE042(G)HC*	EP*42J****+MV16J22****+TXV	40000	12.3	12	3000	1210
CAE042(G)HC*	EP*48F****+TD1	40000	12	11.7	3000	1300
CAE042(G)HC*	EP*48J****+TD1	40000	12	11.7	3000	1400
CAE042(G)HC*	EP*48J****+NTV6100+TXV	41000	12.8	12.5	3000	1410
CAE042(G)HC*	EP*48J****+8MPV100+TXV	41000	12.8	12.5	3000	1405
CAE042(G)HC*	EP*48J****+9MPV100+TXV	41000	12.3	12	3000	1420
CAE042(G)HC*	EP*48J****+MV16J22****+TXV	41000	13	12.7	3000	1415
CAE042(G)HC*	EP*48N****+TD1	41000	12	11.7	3000	1400
CAE042(G)HC*	EP*48N****+NTV6125+TXV	41000	12.8	12.5	3000	1360
CAE042(G)HC*	EP*48N****+8MPV125+TXV	41000	12.5	12.2	3000	1425
CAE042(G)HC*	EP*48N****+9MPV125+TXV	41000	12.3	12	3000	1425
CAE042(G)HC*	EX*42F****+TD1	41000	12.3	12	3000	1200
CAE042(G)HC*	EX*42J****+TD1	41000	12.3	12	3000	1200
CAE042(G)HC*	EX*42J****+NTV6100	41500	13.1	12.8	3000	1375
CAE042(G)HC*	EX*42J****+8MPV100	41500	12.8	12.5	3000	1375
CAE042(G)HC*	EX*42J****+9MPV100	41000	12.5	12.2	3000	1390
CAE042(G)HC*	EX*42J****+MV16J22****	41500	13.35	13	3000	1385
CAE042(G)HC*	EX*48J****+TD1	41500	12.3	12	3000	1400
CAE042(G)HC*	EX*48N****+TD1	41500	12.3	12	3000	1400
CAE042(G)HC*	EBP42****	41000	11.8	11.5	3000	1400
CAE042(G)HC*	EBP48****	42000	12.1	11.8	3000	1400
CAE042(G)HC*	EBV48****	42000	13.35	13	3000	1400
CAE042(G)HC*	EBX48****	42000	12.3	12	3000	1400
CAE042(G)HC*	EMH42F****+TD1+TXV	39500	12	11.7	3000	1100
CAE042(G)HC*	EMH48F****+TD1+TXV	40000	12.3	12	3000	1300
CAE042(G)HC*	EP*42F****+TD1+TXV	39500	11.9	11.6	3000	1100
CAE042(G)HC*	EP*42J****+TD1+TXV	40000	11.9	11.6	3000	1200
CAE042(G)HC*	EP*48F****+TD1+TXV	40000	12.1	11.8	3000	1300
CAE042(G)HC*	EP*48J****+TD1+TXV	40000	12.1	11.8	3000	1400
CAE042(G)HC*	EP*48L****+TD1+TXV	41000	12.1	11.8	3000	1400
CAE042(G)HC*	EP*48N****+TD1+TXV	41000	12.1	11.8	3000	1400
CAE042(G)HC*	EP*60J****+TD1+TXV	41500	12.4	12.1	3000	1400
CAE042(G)HC*	EP*60L****+TD1+TXV	41500	12.4	12.1	3000	1400
CAE042(G)HC*	EBP42****+TXV	41000	11.9	11.6	3000	1400
CAE042(G)HC*	EBP48****+TXV	42000	12.3	12	3000	1400
CAE042(G)HC*	EP*48L****+TD1	41000	12	11.7	3000	1400
CAE042(G)HC*	EP*60L****+TD1	41500	12.3	12	3000	1400
CAE042(G)LC*	EP*60J****+TD1	41500	12.3	12	3000	1400
CAE042(G)LC*	EMH42F****+TD1	39500	11.8	11.5	3000	1100
CAE042(G)LC*	EMH48F****+TD1	40000	12	11.7	3000	1300
CAE042(G)LC*	EP*42F****+TD1	39500	11.8	11.5	3000	1100
CAE042(G)LC*	EP*42J****+TD1	40000	11.8	11.5	3000	1200
CAE042(G)LC*	EP*42J****+NTV6100+TXV	40000	12.1	11.8	3000	1190
CAE042(G)LC*	EP*42J****+8MPV100+TXV	39500	12	11.7	3000	1215
CAE042(G)LC*	EP*42J****+MV16J22****+TXV	40000	12.3	12	3000	1210
CAE042(G)LC*	EP*48F****+TD1	40000	12	11.7	3000	1300
CAE042(G)LC*	EP*48J****+TD1	40000	12	11.7	3000	1400
CAE042(G)LC*	EP*48J****+NTV6100+TXV	41000	12.8	12.5	3000	1410
CAE042(G)LC*	EP*48J****+8MPV100+TXV	41000	12.8	12.5	3000	1405
CAE042(G)LC*	EP*48J****+9MPV100+TXV	41000	12.3	12	3000	1420
CAE042(G)LC*	EP*48J****+MV16J22****+TXV	41000	13	12.7	3000	1415
CAE042(G)LC*	EP*48N****+TD1	41000	12	11.7	3000	1400
CAE042(G)LC*	EP*48N****+NTV6125+TXV	41000	12.8	12.5	3000	1360
CAE042(G)LC*	EP*48N****+8MPV125+TXV	41000	12.5	12.2	3000	1425
CAE042(G)LC*	EP*48N****+9MPV125+TXV	41000	12.3	12	3000	1425
CAE042(G)LC*	EX*42F****+TD1	41000	12.3	12	3000	1200
CAE042(G)LC*	EX*42J****+TD1	41000	12.3	12	3000	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.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE042(G)LC*	EX*42J****+NTV6100	41500	13.1	12.8	3000	1375
CAE042(G)LC*	EX*42J****+*8MPV100	41500	12.8	12.5	3000	1375
CAE042(G)LC*	EX*42J****+*9MPV100	41000	12.5	12.2	3000	1390
CAE042(G)LC*	EX*42J****+MV16J22****	41500	13.35	13	3000	1385
CAE042(G)LC*	EX*48J****+TD1	41500	12.3	12	3000	1400
CAE042(G)LC*	EX*48N****+TD1	41500	12.3	12	3000	1400
CAE042(G)LC*	EBP42****	41000	11.8	11.5	3000	1400
CAE042(G)LC*	EBP48****	42000	12.1	11.8	3000	1400
CAE042(G)LC*	EBV48****	42000	13.35	13	3000	1400
CAE042(G)LC*	EBX48****	42000	12.3	12	3000	1400
CAE042(G)LC*	EMH42F****+TD1+TXV	39500	12	11.7	3000	1100
CAE042(G)LC*	EMH48F****+TD1+TXV	40000	12.3	12	3000	1300
CAE042(G)LC*	EP*42F****+TD1+TXV	39500	11.9	11.6	3000	1100
CAE042(G)LC*	EP*42J****+TD1+TXV	40000	11.9	11.6	3000	1200
CAE042(G)LC*	EP*48F****+TD1+TXV	40000	12.1	11.8	3000	1300
CAE042(G)LC*	EP*48J****+TD1+TXV	40000	12.1	11.8	3000	1400
CAE042(G)LC*	EP*48L****+TD1+TXV	41000	12.1	11.8	3000	1400
CAE042(G)LC*	EP*48N****+TD1+TXV	41000	12.1	11.8	3000	1400
CAE042(G)LC*	EP*60J****+TD1+TXV	41500	12.4	12.1	3000	1400
CAE042(G)LC*	EP*60L****+TD1+TXV	41500	12.4	12.1	3000	1400
CAE042(G)LC*	EBP42****+TXV	41000	11.9	11.6	3000	1400
CAE042(G)LC*	EBP48****+TXV	42000	12.3	12	3000	1400
CAE042(G)LC*	EP*48L****+TD1	41000	12	11.7	3000	1400
CAE042(G)LC*	EP*60L****+TD1	41500	12.3	12	3000	1400
CAE042(G)SC*	EP*60J****+TD1	41500	12.3	12	3000	1400
CAE042(G)SC*	EMH42F****+TD1	39500	11.8	11.5	3000	1100
CAE042(G)SC*	EMH48F****+TD1	40000	12	11.7	3000	1300
CAE042(G)SC*	EP*42F****+TD1	39500	11.8	11.5	3000	1100
CAE042(G)SC*	EP*42J****+TD1	40000	11.8	11.5	3000	1200
CAE042(G)SC*	EP*42J****+NTV6100+TXV	40000	12.1	11.8	3000	1190
CAE042(G)SC*	EP*42J****+*8MPV100+TXV	39500	12	11.7	3000	1215
CAE042(G)SC*	EP*42J****+MV16J22****+TXV	40000	12.3	12	3000	1210
CAE042(G)SC*	EP*48F****+TD1	40000	12	11.7	3000	1300
CAE042(G)SC*	EP*48J****+TD1	40000	12	11.7	3000	1400
CAE042(G)SC*	EP*48J****+NTV6100+TXV	41000	12.8	12.5	3000	1410
CAE042(G)SC*	EP*48J****+*8MPV100+TXV	41000	12.8	12.5	3000	1405
CAE042(G)SC*	EP*48J****+*9MPV100+TXV	41000	12.3	12	3000	1420
CAE042(G)SC*	EP*48J****+MV16J22****+TXV	41000	13	12.7	3000	1415
CAE042(G)SC*	EP*48N****+TD1	41000	12	11.7	3000	1400
CAE042(G)SC*	EP*48N****+NTV6125+TXV	41000	12.8	12.5	3000	1360
CAE042(G)SC*	EP*48N****+*8MPV125+TXV	41000	12.5	12.2	3000	1425
CAE042(G)SC*	EP*48N****+*9MPV125+TXV	41000	12.3	12	3000	1425
CAE042(G)SC*	EX*42F****+TD1	41000	12.3	12	3000	1200
CAE042(G)SC*	EX*42J****+TD1	41000	12.3	12	3000	1200
CAE042(G)SC*	EX*42J****+NTV6100	41500	13.1	12.8	3000	1375
CAE042(G)SC*	EX*42J****+*8MPV100	41500	12.8	12.5	3000	1375
CAE042(G)SC*	EX*42J****+*9MPV100	41000	12.5	12.2	3000	1390
CAE042(G)SC*	EX*42J****+MV16J22****	41500	13.35	13	3000	1385
CAE042(G)SC*	EX*48J****+TD1	41500	12.3	12	3000	1400
CAE042(G)SC*	EX*48N****+TD1	41500	12.3	12	3000	1400
CAE042(G)SC*	EBP42****	41000	11.8	11.5	3000	1400
CAE042(G)SC*	EBP48****	42000	12.1	11.8	3000	1400
CAE042(G)SC*	EBV48****	42000	13.35	13	3000	1400
CAE042(G)SC*	EBX48****	42000	12.3	12	3000	1400
CAE042(G)SC*	EMH42F****+TD1+TXV	39500	12	11.7	3000	1100
CAE042(G)SC*	EMH48F****+TD1+TXV	40000	12.3	12	3000	1300
CAE042(G)SC*	EP*42F****+TD1+TXV	39500	11.9	11.6	3000	1100
CAE042(G)SC*	EP*42J****+TD1+TXV	40000	11.9	11.6	3000	1200
CAE042(G)SC*	EP*48F****+TD1+TXV	40000	12.1	11.8	3000	1300
CAE042(G)SC*	EP*48J****+TD1+TXV	40000	12.1	11.8	3000	1400

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.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE042(G)SC*	EP*48L****+TD1+TXV	41000	12.1	11.8	3000	1400
CAE042(G)SC*	EP*48N****+TD1+TXV	41000	12.1	11.8	3000	1400
CAE042(G)SC*	EP*60J****+TD1+TXV	41500	12.4	12.1	3000	1400
CAE042(G)SC*	EP*60L****+TD1+TXV	41500	12.4	12.1	3000	1400
CAE042(G)SC*	EBP42****+TXV	41000	11.9	11.6	3000	1400
CAE042(G)SC*	EBP48****+TXV	42000	12.3	12	3000	1400
CAE042(G)SC*	EP*48L****+TD1	41000	12	11.7	3000	1400
CAE042(G)SC*	EP*60L****+TD1	41500	12.3	12	3000	1400
CAE048(G)HC*	EP*60N****+TD1	48000	12.35	12	3600	1400
CAE048(G)HC*	EMH48F****+TD1	48000	11.85	11.5	3600	1300
CAE048(G)HC*	EMH48F****+TD1+TXV	48000	12.05	11.7	3600	1300
CAE048(G)HC*	EP*48F****+TD1	47000	11.85	11.5	3600	1300
CAE048(G)HC*	EP*48F****+TD1+TXV	47000	11.85	11.5	3600	1300
CAE048(G)HC*	EP*48J****+TD1	48000	11.85	11.5	3600	1400
CAE048(G)HC*	EP*48J****+TD1+TXV	47000	11.85	11.5	3600	1400
CAE048(G)HC*	EP*48N****+TD1	48000	11.85	11.5	3600	1400
CAE048(G)HC*	EP*48N****+TD1+TXV	48000	11.85	11.5	3600	1400
CAE048(G)HC*	EP*48N****+NTV6125+TXV	48000	12.35	12	3600	1525
CAE048(G)HC*	EP*48N****+*8MPV125+TXV	48000	11.85	11.5	3600	1560
CAE048(G)HC*	EP*48N****+*9MPV125+TXV	48000	11.65	11.3	3600	1590
CAE048(G)HC*	EP*60J****+TD1	48000	11.85	11.5	3600	1600
CAE048(G)HC*	EP*60J****+TD1+TXV	48000	12.05	11.7	3600	1600
CAE048(G)HC*	EP*60N****+TD1+TXV	48000	11.85	11.5	3600	1600
CAE048(G)HC*	EP*60N****+NTV6125+TXV	48000	12.6	12.2	3600	1570
CAE048(G)HC*	EX*48J****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)HC*	EX*48L****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)HC*	EX*48N****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)HC*	EX*48N****+NTV6125	48000	12.35	12	3600	1540
CAE048(G)HC*	EX*48N****+*9MPV125	48000	11.65	11.3	3600	1605
CAE048(G)HC*	EX*60N****+TD1	48000	12.35	12	3600	1600
CAE048(G)HC*	EBP48****	48000	11.35	11	3600	1600
CAE048(G)HC*	EBP48****+TXV	48000	11.65	11.3	3600	1600
CAE048(G)HC*	EBP60****	50000	11.35	11	3600	1600
CAE048(G)HC*	EBP60****+TXV	50000	11.75	11.4	3600	1600
CAE048(G)HC*	EBV48****	50000	12.7	12.3	3600	1600
CAE048(G)HC*	EBX48****	50000	12.05	11.7	3600	1600
CAE048(G)HC*	EBV60****	48000	12.9	12.5	3600	1600
CAE048(G)HC*	EBX60****	48000	11.85	11.5	3600	1600
CAE048(G)HC*	EP*48L****+TD1	47000	11.35	11	3600	1400
CAE048(G)HC*	EP*60L****+TD1	48000	11.65	11.3	3600	1600
CAE048(G)HC*	EP*48L****+TD1+TXV	47000	11.55	11.2	3600	1400
CAE048(G)HC*	EP*60L****+TD1+TXV	48000	11.85	11.5	3600	1600
CAE048(G)HC*	EP*60N****+*8MPV125+TXV	48000	12.35	12	3600	1450
CAE048(G)HC*	EP*60N****+*9MPV125+TXV	48000	12.05	11.7	3600	1440
CAE048(G)LC*	EP*60N****+TD1	48000	12.35	12	3600	1400
CAE048(G)LC*	EMH48F****+TD1	48000	11.85	11.5	3600	1300
CAE048(G)LC*	EMH48F****+TD1+TXV	48000	12.05	11.7	3600	1300
CAE048(G)LC*	EP*48F****+TD1	47000	11.85	11.5	3600	1300
CAE048(G)LC*	EP*48F****+TD1+TXV	47000	11.85	11.5	3600	1300
CAE048(G)LC*	EP*48J****+TD1	48000	11.85	11.5	3600	1400
CAE048(G)LC*	EP*48J****+TD1+TXV	47000	11.85	11.5	3600	1400
CAE048(G)LC*	EP*48N****+TD1	48000	11.85	11.5	3600	1400
CAE048(G)LC*	EP*48N****+TD1+TXV	48000	11.85	11.5	3600	1400
CAE048(G)LC*	EP*48N****+NTV6125+TXV	48000	12.35	12	3600	1525
CAE048(G)LC*	EP*48N****+*8MPV125+TXV	48000	11.85	11.5	3600	1560
CAE048(G)LC*	EP*48N****+*9MPV125+TXV	48000	11.65	11.3	3600	1590
CAE048(G)LC*	EP*60J****+TD1	48000	11.85	11.5	3600	1600
CAE048(G)LC*	EP*60J****+TD1+TXV	48000	12.05	11.7	3600	1600
CAE048(G)LC*	EP*60N****+TD1+TXV	48000	11.85	11.5	3600	1600
CAE048(G)LC*	EP*60N****+NTV6125+TXV	48000	12.6	12.2	3600	1570

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.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE048(G)LC*	EX*48J****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)LC*	EX*48L****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)LC*	EX*48N****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)LC*	EX*48N****+NTV6125	48000	12.35	12	3600	1540
CAE048(G)LC*	EX*48N****+9MPV125	48000	11.65	11.3	3600	1605
CAE048(G)LC*	EX*60N****+TD1	48000	12.35	12	3600	1600
CAE048(G)LC*	EBP48****	48000	11.35	11	3600	1600
CAE048(G)LC*	EBP48****+TXV	48000	11.65	11.3	3600	1600
CAE048(G)LC*	EBP60****	50000	11.35	11	3600	1600
CAE048(G)LC*	EBP60****+TXV	50000	11.75	11.4	3600	1600
CAE048(G)LC*	EBV48****	50000	12.7	12.3	3600	1600
CAE048(G)LC*	EBX48****	50000	12.05	11.7	3600	1600
CAE048(G)LC*	EBV60****	48000	12.9	12.5	3600	1600
CAE048(G)LC*	EBX60****	48000	11.85	11.5	3600	1600
CAE048(G)LC*	EP*48L****+TD1	47000	11.35	11	3600	1400
CAE048(G)LC*	EP*60L****+TD1	48000	11.65	11.3	3600	1600
CAE048(G)LC*	EP*48L****+TD1+TXV	47000	11.55	11.2	3600	1400
CAE048(G)LC*	EP*60L****+TD1+TXV	48000	11.85	11.5	3600	1600
CAE048(G)LC*	EP*60N****+8MPV125+TXV	48000	12.35	12	3600	1450
CAE048(G)LC*	EP*60N****+9MPV125+TXV	48000	12.05	11.7	3600	1440
CAE048(G)SC*	EP*60N****+TD1	48000	12.35	12	3600	1400
CAE048(G)SC*	EMH48F****+TD1	48000	11.85	11.5	3600	1300
CAE048(G)SC*	EMH48F****+TD1+TXV	48000	12.05	11.7	3600	1300
CAE048(G)SC*	EP*48F****+TD1	47000	11.85	11.5	3600	1300
CAE048(G)SC*	EP*48F****+TD1+TXV	47000	11.85	11.5	3600	1300
CAE048(G)SC*	EP*48J****+TD1	48000	11.85	11.5	3600	1400
CAE048(G)SC*	EP*48J****+TD1+TXV	47000	11.85	11.5	3600	1400
CAE048(G)SC*	EP*48N****+TD1	48000	11.85	11.5	3600	1400
CAE048(G)SC*	EP*48N****+TD1+TXV	48000	11.85	11.5	3600	1400
CAE048(G)SC*	EP*48N****+NTV6125+TXV	48000	12.35	12	3600	1525
CAE048(G)SC*	EP*48N****+8MPV125+TXV	48000	11.85	11.5	3600	1560
CAE048(G)SC*	EP*48N****+9MPV125+TXV	48000	11.65	11.3	3600	1590
CAE048(G)SC*	EP*60J****+TD1	48000	11.85	11.5	3600	1600
CAE048(G)SC*	EP*60J****+TD1+TXV	48000	12.05	11.7	3600	1600
CAE048(G)SC*	EP*60N****+TD1+TXV	48000	11.85	11.5	3600	1600
CAE048(G)SC*	EP*60N****+NTV6125+TXV	48000	12.6	12.2	3600	1570
CAE048(G)SC*	EX*48J****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)SC*	EX*48L****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)SC*	EX*48N****+TD1	48000	11.85	11.5	3600	1500
CAE048(G)SC*	EX*48N****+NTV6125	48000	12.35	12	3600	1540
CAE048(G)SC*	EX*48N****+9MPV125	48000	11.65	11.3	3600	1605
CAE048(G)SC*	EX*60N****+TD1	48000	12.35	12	3600	1600
CAE048(G)SC*	EBP48****	48000	11.35	11	3600	1600
CAE048(G)SC*	EBP48****+TXV	48000	11.65	11.3	3600	1600
CAE048(G)SC*	EBP60****	50000	11.35	11	3600	1600
CAE048(G)SC*	EBP60****+TXV	50000	11.75	11.4	3600	1600
CAE048(G)SC*	EBV48****	50000	12.7	12.3	3600	1600
CAE048(G)SC*	EBX48****	50000	12.05	11.7	3600	1600
CAE048(G)SC*	EBV60****	48000	12.9	12.5	3600	1600
CAE048(G)SC*	EBX60****	48000	11.85	11.5	3600	1600
CAE048(G)SC*	EP*48L****+TD1	47000	11.35	11	3600	1400
CAE048(G)SC*	EP*60L****+TD1	48000	11.65	11.3	3600	1600
CAE048(G)SC*	EP*48L****+TD1+TXV	47000	11.55	11.2	3600	1400
CAE048(G)SC*	EP*60L****+TD1+TXV	48000	11.85	11.5	3600	1600
CAE048(G)SC*	EP*60N****+8MPV125+TXV	48000	12.35	12	3600	1450
CAE048(G)SC*	EP*60N****+9MPV125+TXV	48000	12.05	11.7	3600	1440
CAE060(G)HC*	EX*60N****+TD1	56500	12.2	12	4000	1700
CAE060(G)HC*	EBP60****+TXV	57000	11.2	11	4000	1800
CAE060(G)HC*	EP*60J****+TD1+TXV	54000	11.2	11	4000	1700
CAE060(G)HC*	EP*60N****+TD1+TXV	54000	11.2	11	4000	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.

CONDENSING UNIT SPLIT SYSTEM 12 - 13 SEER

Outdoor Model Number	Indoor Model Number	Cooling Capacity (MBtuh)	EER Rating (Btuh/watt)	SEER Rating (Btuh/watt)	Outdoor Coil Air Quantity (SCFM)	Indoor Coil Air Quantity (SCFM)
CAE060(G)HC*	EP*60N****+MV20N26****+TXV	55000	11.2	11	4000	1840
CAE060(G)HC*	EX*60L****+TD1	58000	11.7	11.5	4000	1700
CAE060(G)HC*	EX*60N****+MV20N26****	59000	12.2	12	4000	1830
CAE060(G)HC*	EBP60****+TXV	57000	11.2	11	4000	1800
CAE060(G)HC*	EBV60****	58500	11.7	11.5	4000	1800
CAE060(G)HC*	EBX60****	58000	11.5	11.3	4000	1800
CAE060(G)HC*	EP*60J****+*8MPV100+TXV	54000	10.7	10.5	4000	1785
CAE060(G)HC*	EP*60J****+*9MPV100+TXV	54000	10.6	10.4	4000	1815
CAE060(G)HC*	EP*60L****+TD1+TXV	54000	10.6	10.4	4000	1700
CAE060(G)HC*	EP*60L****+*8MPV125+TXV	54000	10.4	10.2	4000	1790
CAE060(G)LC*	EX*60N****+TD1	56500	12.2	12	4000	1700
CAE060(G)LC*	EBP60****+TXV	57000	11.2	11	4000	1800
CAE060(G)LC*	EP*60J****+TD1+TXV	54000	11.2	11	4000	1700
CAE060(G)LC*	EP*60N****+TD1+TXV	54000	11.2	11	4000	1700
CAE060(G)LC*	EP*60N****+MV20N26****+TXV	55000	11.2	11	4000	1840
CAE060(G)LC*	EX*60L****+TD1	58000	11.7	11.5	4000	1700
CAE060(G)LC*	EX*60N****+MV20N26****	59000	12.2	12	4000	1830
CAE060(G)LC*	EBP60****+TXV	57000	11.2	11	4000	1800
CAE060(G)LC*	EBV60****	58500	11.7	11.5	4000	1800
CAE060(G)LC*	EBX60****	58000	11.5	11.3	4000	1800
CAE060(G)LC*	EP*60J****+*8MPV100+TXV	54000	10.7	10.5	4000	1785
CAE060(G)LC*	EP*60J****+*9MPV100+TXV	54000	10.6	10.4	4000	1815
CAE060(G)LC*	EP*60L****+TD1+TXV	54000	10.6	10.4	4000	1700
CAE060(G)LC*	EP*60L****+*8MPV125+TXV	54000	10.4	10.2	4000	1790
CAE060(G)SC*	EX*60N****+TD1	56500	12.2	12	4000	1700
CAE060(G)SC*	EBP60****+TXV	57000	11.2	11	4000	1800
CAE060(G)SC*	EP*60J****+TD1+TXV	54000	11.2	11	4000	1700
CAE060(G)SC*	EP*60N****+TD1+TXV	54000	11.2	11	4000	1700
CAE060(G)SC*	EP*60N****+MV20N26****+TXV	55000	11.2	11	4000	1840
CAE060(G)SC*	EX*60L****+TD1	58000	11.7	11.5	4000	1700
CAE060(G)SC*	EX*60N****+MV20N26****	59000	12.2	12	4000	1830
CAE060(G)SC*	EBP60****+TXV	57000	11.2	11	4000	1800
CAE060(G)SC*	EBV60****	58500	11.7	11.5	4000	1800
CAE060(G)SC*	EBX60****	58000	11.5	11.3	4000	1800
CAE060(G)SC*	EP*60J****+*8MPV100+TXV	54000	10.7	10.5	4000	1785
CAE060(G)SC*	EP*60J****+*9MPV100+TXV	54000	10.6	10.4	4000	1815
CAE060(G)SC*	EP*60L****+TD1+TXV	54000	10.6	10.4	4000	1700
CAE060(G)SC*	EP*60L****+*8MPV125+TXV	54000	10.4	10.2	4000	1790

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.

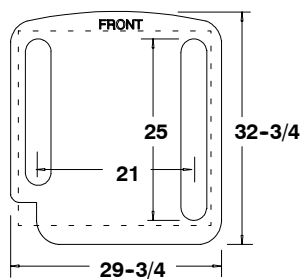
DIMENSIONS AND ACCESSORIES

Dimensions			OPTIONAL*
Model	Chassis	Height (H)	Enhanced Coil Guard
036	2	32-1/2	AMB234CGA
042	2	32-1/2	AMB238CGA
048	3	32-1/2	---
060	3	42-1/2	---

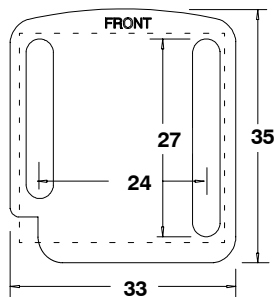
* Packages of 6 Only

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

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

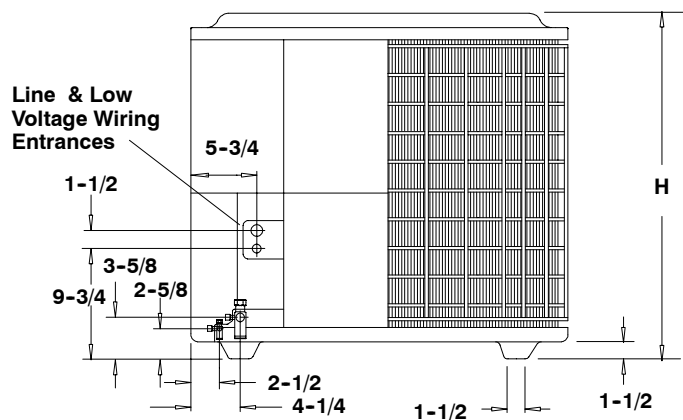


Chassis #2



Chassis #3

ALL DIMENSIONS IN INCHES



Accessory	Description	Used On
AMF153TKB	Expansion Valve Kit	3 Ton
AMF355TKB	Expansion Valve Kit	3 1/2 - 5 Ton
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
1053477 *	Compressor Crankcase Heater Solid State "Stick On" Type	All Models
1148113 *	Compressor Crankcase Heater "Wrap-around" Type	All Models
1060833*	Compressor Sound Jacket (Small Scroll)	3 Ton
1060834 *	Compressor Sound Jacket (Large Scroll)	3 1/2 - 5 Ton

* Order from Service Parts

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER	C	A	E	036	H	C	SALES CODE			
PRODUCT FAMILY	C = Condenser									
PRODUCT TYPE							ELECTRICAL			
A = Air Conditioning							CODE	VOLTS	PHASE	CYCLE
H = Heat Pump							H	208/230	3	60
C = Cabinet							L	460	3	60
							S	575	3	60
SERIES							CAPACITY MBTUH			
E = 12 SEER Series							036 = 36,000, 042 = 42,000, 048 = 48,000, 060 = 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

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