



## 14 SEER A/C SYSTEM SPECIFICATIONS<sup>1</sup>

CONDENSER MODEL	LINE SET MODEL	EVAPORATOR COIL MODEL		SEER	EER	TOTAL (BTU/HR) HEAT REMOVAL	SENSIBLE HEAT REMOVAL
		A - STYLE	H - STYLE				
AC14241G2	LS01E-30 LS01E-50	13U2430AB15		13.80	12.30	24,000	0.730
		CA243615		14.00	12.40	24,000	0.733
		CA243618		14.00	12.40	24,000	0.733
		CA243619		14.00	12.40	24,000	0.733
		CA243620		14.00	12.40	24,000	0.733
		13U3030AB15		14.00	12.40	24,000	0.733
		13C2430AA17	13C2430HA17	14.00	12.40	24,000	0.733
		13C2430AA19	13C2430HA19	14.00	12.40	24,000	0.733
		13C2430AA21	13C2430HA21	14.00	12.40	24,000	0.733
		13C2430AA23	13C2430HA23	14.00	12.40	24,000	0.733
		CA303615		14.40	12.70	25,400	0.739
		CA303618		14.40	12.70	25,400	0.739
		CA3036119		14.40	12.70	25,400	0.739
		CA303620		14.40	12.70	25,400	0.739
		13U3036AB17		14.40	12.70	25,400	0.739
		13C3036AA17	13C3036HA17	14.40	12.70	25,400	0.739
		13C3036AA19	13C3036HA19	14.40	12.70	25,400	0.739
13C3036AA21	13C3036HA21	14.40	12.70	25,400	0.739		
13C3036AA23	13C3036HA23	14.40	12.70	25,400	0.739		
AC14301G2	LS01E-30 LS01E-50	13U2430AB15		13.70	12.30	29,000	0.737
		CA243615		14.00	12.50	29,400	0.739
		CA243618		14.00	12.50	29,400	0.739
		CA243619		14.00	12.50	29,400	0.739
		CA243620		14.00	12.50	29,400	0.739
		13U3030AB15		14.00	12.50	29,400	0.739
		13C2430AA17	13C2430HA17	14.00	12.50	29,400	0.739
		13C2430AA19	13C2430HA19	14.00	12.50	29,400	0.739
		13C2430AA21	13C2430HA21	14.00	12.50	29,400	0.739
		13C2430AA23	13C2430HA23	14.00	12.50	29,400	0.739
		CA303615		14.50	13.00	30,400	0.746
		CA303618		14.50	13.00	30,400	0.746
		CA3036119		14.50	13.00	30,400	0.746
		CA303620		14.50	13.00	30,400	0.746
		13U3036AB17		14.50	13.00	30,400	0.746
		13C3036AA17	13C3036HA17	14.50	13.00	30,400	0.746
		13C3036AA19	13C3036HA19	14.50	13.00	30,400	0.746
13C3036AA21	13C3036HA21	14.50	13.00	30,400	0.746		
13C3036AA23	13C3036HA23	14.50	13.00	30,400	0.746		
AC14361G2	LS03E-25 LS03E-50	13U2430AB15		13.40	11.95	33,800	0.739
		CA243615		13.70	12.20	34,600	0.740
		CA243618		13.70	12.20	34,600	0.740
		CA243619		13.70	12.20	34,600	0.740
		CA243620		13.70	12.20	34,600	0.740
		13U3030AB15		13.70	12.20	34,600	0.740
		13C2430AA17	13C2430HA17	13.70	12.20	34,600	0.740
		13C2430AA19	13C2430HA19	13.70	12.20	34,600	0.740
		13C2430AA21	13C2430HA21	13.70	12.20	34,600	0.740
		13C2430AA23	13C2430HA23	13.70	12.20	34,600	0.740
		CA303615		14.00	12.50	35,600	0.750
		CA303618		14.00	12.50	35,600	0.750
		CA3036119		14.00	12.50	35,600	0.750
		CA303620		14.00	12.50	35,600	0.750
		13U3036AB17		14.00	12.50	35,600	0.750
		13C3036AA17	13C3036HA17	14.00	12.50	35,600	0.750
		13C3036AA19	13C3036HA19	14.00	12.50	35,600	0.750
13C3036AA21	13C3036HA21	14.00	12.50	35,600	0.750		
13C3036AA23	13C3036HA23	14.00	12.50	35,600	0.750		

<sup>1</sup> ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

**SEE NEXT PAGE FOR MORE DATA -**

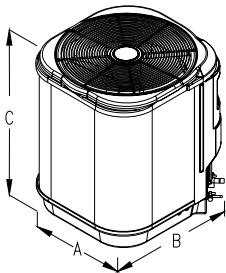
## 14 SEER A/C SYSTEM SPECIFICATIONS

AC14421G2	LS03E-25 LS03E-50	13U3642AB17		13.40	12.00	41,000	0.748
		13C3642AA17	13C3642HA17	13.40	12.00	41,000	0.748
		13C3642AA19	13C3642HA19	13.40	12.00	41,000	0.748
		13C3642AA21	13C3642HA21	13.40	12.00	41,000	0.748
		13C3642AA23	13C3642HA23	13.40	12.00	41,000	0.748
		CA424215		13.40	12.00	41,000	0.748
		CA424218		13.40	12.00	41,000	0.748
		CA424219		13.40	12.00	41,000	0.748
		CA424220		13.40	12.00	41,000	0.748
		13U4248AB20		13.80	12.20	42,000	0.749
		13C4248HA21	13C4248HA21	13.80	12.20	42,000	0.749
		13C4248HA23	13C4248HA23	13.80	12.20	42,000	0.749
		CA424820		13.80	12.20	42,000	0.749
13C4860HA26	13C4860HA26	14.10	12.50	43,000	0.758		
AC14481G2	LS03E-25 LS03E-50	13U3642AB17		13.00	11.60	46,000	0.746
		13C3642AA17	13C3642HA17	13.00	11.60	46,000	0.746
		13C3642AA19	13C3642HA19	13.00	11.60	46,000	0.746
		13C3642AA21	13C3642HA21	13.00	11.60	46,000	0.746
		13C3642AA23	13C3642HA23	13.00	11.60	46,000	0.746
		CA424215		13.00	11.60	46,000	0.746
		CA424218		13.00	11.60	46,000	0.746
		CA424219		13.00	11.60	46,000	0.746
		CA424220		13.00	11.60	46,000	0.746
		CA424820		13.35	12.00	47,500	0.748
		13U4248AB20		13.35	12.00	47,500	0.748
		13C4248HA21	13C4248HA21	13.35	12.00	47,500	0.748
		13C4248HA23	13C4248HA23	13.35	12.00	47,500	0.748
13C4860HA26	13C4860HA26	13.65	12.20	48,500	0.758		
AC14483G2		13U4248AB20		13.40	12.00	47,500	0.748
		13C4248HA21		13.40	12.00	47,500	0.748
		13C4248HA23		13.40	12.00	47,500	0.748
		CA424820		13.40	12.00	47,500	0.748
AC14601G2	LS03E-25	13C4860HA26	13C4860HA26	13.00	11.60	60,000	0.753
AC14603G2	LS03E-50	13C4860HA26	13C4860HA26	13.00	11.60	60,000	0.753

SEE NEXT PAGE FOR MORE DATA -

## CONDENSER SPECIFICATIONS

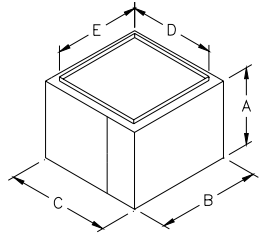
MODEL#	AC14241G2	AC14301G2	AC14361G2	AC14421G2	AC14481G2	AC14483G2	AC14601G2	AC14603G2
ELECTRICAL DATA								
VOLTAGE/PHASE/HERTZ	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/3/60	208-230/1/60	208-230/3/60
COMPRESSOR	ZP20K5E-PFV	ZP24K5E-PFV	ZP29K5E-PFV	ZP34K5E-PFV	ZP39K5E-PFV	ZP39K5E-TF5	ZP51K5E-PFV	ZP51K5E-TF5
RLA	13.5	12.8	14.1	17.9	19.9	13.1	26.4	16
LRA	58.3	64	77	112	109	83.1	134	110
MAX FUSE OR BREAKER	25	25	25	30	35	25	40	30
RECOMMENDED FUSE	20	20	20	25	30	20	35	25
WIRE SIZE (AWG)	12	12	12	10	10	12	8	10
OUTDOOR COIL								
FACE AREA (SQ FT)	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
ROWS DEEP	1	1	1	1	1	1	1	1
FINS PER INCH								
FIN TYPE	LOUVERED	LOUVERED	LOUVERED	LOUVERED	LOUVERED	LOUVERED	LOUVERED	LOUVERED
TUBING OD (IN)	1 x 0.086	1 x 0.086	1 x 0.086	1 x 0.086	1 x 0.086	1 x 0.086	1 x 0.086	1 x 0.086
OUTDOOR FAN								
TYPE	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL
CFM	2900	2900	2900	2900	3800	3800	4500	4500
DIAMETER (IN)	24	24	24	24	24	24	24	24
NO. OF BLADES	3	3	3	3	3	3	3	3
PITCH	22°	22°	22°	22°	32°	32°	26°	26°
OUTDOOR FAN MOTOR								
HP	1/8	1/8	1/8	1/8	1/4	1/4	1/3	1/3
RPM	825	825	825	825	825	825	1100	1100
FLA	0.8	0.8	0.8	.8	1.6	1.6	2.1	2.1
REFRIGERANT-410aFURNISHED (OZ)	92	92	92	108	108	108	108	108
SHIPPING WEIGHT (LB)	164	164	189	211	212	207	215	212
LIQUID LINE CONNNECTION (ODF IN)	3/8	3/8	½	1/2	1/2	1/2	1/2	1/2
SUCTION LINE CONNECTION (ODF IN)	3/4	3/4	7/8	7/8	7/8	7/8	7/8	7/8
OVERALL DIMENSIONS (IN)								
A	30	30	30	30	30	30	30	30
B	30	30	30	30	30	30	30	30
C	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25



A/C NOMENCLATURE					
AC	14	24	1	G	2
AC - AIR CONDITIONER HP - HEAT PUMP	NOMINAL 14 SEER	CAPACITY 24,000	PHASE 1 = SINGLE 3 = THREE	REVISION LEVEL G	REFRIGERANT 1 = R22 2 = R410a

**SEE NEXT PAGE FOR MORE DATA -**

## LINE SET SPECIFICATIONS



LINE SET MODEL	LS01E-30	LS01E-50	LS03E-25	LS03E-50
LIQUID LINE (OD IN)	3/8	3/8	1/2	1/2
SUCTION LINE <sup>1</sup> (OD IN)	3/4	3/4	7/8	7/8
LENGTH (FT)	30	50	25	50

## (CASED) INDOOR COIL SPECIFICATIONS

FOR HIGHBOY / LOWBOY/ HORIZONTAL FURNACE

### DIMENSIONAL NOTES:

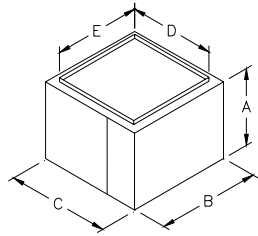
"A" =CABINET HEIGHT NOT INCLUDING  
3/4" DUCT FLANGE.  
"F" =BOTTOM OPENING DEPTH  
"G" =BOTTOM OPENING WIDTH  
"H" =LIQUID LINE CONNECTION ODF  
"J" = SUCTION LINE CONNECTION ODF  
CONDENSATE DRAIN = 3/4"

INDOOR COIL NOMENCLATURE					
13	C	2430	A	A	17
13 - TXV,R410a, w/INTERNAL CHECK	C = CASED U = UNCASED	CAPACITY RANGE 24,000 - 30,000	A = UPFLOW H = HORIZ / UPFLOW	REVISION LEVEL	WIDTH (NOMINAL INCHES)

INDOOR COIL MODEL	A	B	C	D	E	F	G	H	J	APPROX WET COIL PRESSURE DROP (IN H <sub>2</sub> O)					
										800	1000	1200	1400	1600	2000
13C2430AA17	18.5	20.5	17	15.5	19	20	16	.375	.75	.17	.19	.24			
13C2430AA19	18.5	20.5	19	17.5	19	20	18	.375	.75	.17	.19	.24			
13C2430AA21	18.5	20.5	21	19.5	19	20	20	.375	.75	.17	.19	.24			
13C2430AA23	18.5	21	23	21.5	19.5	20.5	22	.375	.75	.17	.19	.24			
13C3036AA17	25.5	20.5	17	15.5	19	20	16	.375	.75		.14	.22	.25		
13C3036AA19	25.5	20.5	19	17.5	19	20	18	.375	.75		.14	.22	.25		
13C3036AA21	25.5	20.5	21	19.5	19	20	20	.375	.75		.14	.22	.25		
13C3036AA23	25.5	21	23	21.5	19.5	20.5	22	.375	.75		.14	.22	.25		
13C3642AA17	25.5	20.5	17	15.5	19	20	16	.375	.875			.22	.25	.28	
13C3642AA19	25.5	20.5	19	17.5	19	20	18	.375	.875			.22	.25	.28	
13C3642AA21	25.5	20.5	21	19.5	19	20	20	.375	.875			.22	.25	.28	
13C3642AA23	25.5	21	23	21.5	19.5	20.5	22	.375	.875			.22	.25	.28	
13C2430HA17	20.5	20.5	17	15.5	19	20	16	.375	.75	.17	.19	.24			
13C2430HA19	20.5	20.5	19	17.5	19	20	18	.375	.75	.17	.19	.24			
13C2430HA21	20.5	20.5	21	19.5	19	20	20	.375	.75	.17	.19	.24			
13C2430HA23	20.5	21	23	21.5	19.5	20.5	22	.375	.75	.17	.19	.24			
13C3036HA17	25.5	20.5	17	15.5	19	20	16	.375	.75		.14	.22	.25		
13C3036HA19	25.5	20.5	19	17.5	19	20	18	.375	.75		.14	.22	.25		
13C3036HA21	25.5	20.5	21	19.5	19	20	20	.375	.75		.14	.22	.25		
13C3036HA23	25.5	20.5	23	21.5	19	20	22	.375	.75		.14	.22	.25		
13C3642HA17	25.5	20.5	17	15.5	19	20	16	.375	.875			.22	.25	.28	
13C3642HA19	25.5	20.5	19	17.5	19	20	18	.375	.875			.22	.25	.28	
13C3642HA21	25.5	20.5	21	19.5	19	20	20	.375	.875			.22	.25	.28	
13C3642HA23	25.5	20.5	23	21.5	19	20	22	.375	.875			.22	.25	.28	
13C4248HA21	27.5	21	21	19.5	19.5	20.5	20	.375	.875			.13	.23	.26	.28
13C4248HA23	27.5	21	23	21.5	19.5	20.5	22	.375	.875			.13	.23	.26	.28
13C4860HA26	29.5	21	25.75	24.25	19.5	20.5	24.75	.375	.875				.28	.29	.30

<sup>1</sup> INSULATION THICKNESS 1/2"

SEE NEXT PAGE FOR MORE DATA -



**DIMENSIONAL NOTES:**

"A" = CABINET HEIGHT NOT INCLUDING  
 3/4" DUCT FLANGE.  
 "F" = BOTTOM OPENING DEPTH  
 "G" = BOTTOM OPENING WIDTH  
 "H" = LIQUID LINE CONNECTION ODF  
 "J" = SUCTION LINE CONNECTION ODF  
 CONDENSATE DRAIN = 3/4"

**CA SERIES  
 (CASED) INDOOR COIL SPECIFICATIONS  
 FOR HIGHBOY / LOWBOY FURNACE**

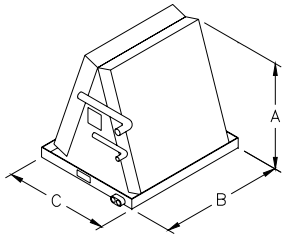
INDOOR COIL NOMENCLATURE			
C	A	2436	15
C = CASED	A = UPFLOW	CAPACITY RANGE 24,000 – 36,000	FURNACE PLENUM WIDTH (IN)

INDOOR COIL MODEL	A	B	C	D	E	F	G	H	J	APPROX WET COIL PRESSURE DROP (IN H <sub>2</sub> O)					
										800	1000	1200	1400	1600	2000
CA243615	19.0	20.6	17.0	15.4	19.1	19.9	15.8	.375	.75	.18	.22	.28			
CA303615	25.0	20.6	18.5	16.9	19.1	19.9	17.3	.375	.75		.14	.22	.25		
CA424215	25.0	20.6	18.5	16.9	19.1	19.9	17.3	.375	.875			.22	.25	.28	
CA243618	19.0	20.6	19.1	17.6	19.1	19.9	17.9	.375	.75	.18	.22	.28			
CA303618	25.0	20.6	19.1	17.6	19.1	19.9	17.9	.375	.75		.14	.22	.25		
CA424218	25.0	20.6	19.1	17.6	19.1	19.9	17.9	.375	.875			.22	.25	.28	
CA243619	19.0	20.6	20.1	18.6	19.1	19.9	18.9	.375	.75	.18	.22	.28			
CA303619	25.0	20.6	20.1	18.6	19.1	19.9	18.9	.375	.75		.14	.22	.25		
CA424219	25.0	20.6	20.1	18.6	19.1	19.9	18.9	.375	.875			.22	.25	.28	
CA243620	19.0	20.7	21.3	19.8	19.2	20.0	20.1	.375	.75	.18	.22	.28			
CA303620	25.0	20.7	21.3	19.8	19.2	20.0	20.1	.375	.75		.14	.22	.25		
CA424220	25.0	20.7	21.3	19.8	19.2	20.0	20.1	.375	.875			.22	.25	.28	
CA424820	29.0	20.7	22.0	20.4	19.2	20.0	20.8	.375	.875			.13	.23	.26	.28

<sup>1</sup> INSULATION THICKNESS 1/2"

SEE NEXT PAGE FOR MORE DATA -

## (UNCASED) INDOOR COIL SPECIFICATIONS



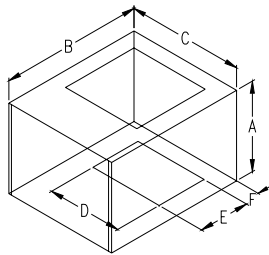
EVAPORATOR COIL MODEL	A	B	C	H	J	APPROX WET COIL PRESSURE DROP (IN H <sub>2</sub> O)					
						800	1000	1200	1400	1600	2000
13U3030AB15	17	19.5	15.5	.375	.75	.18	.22	.28			
13U3036AB17	23	19.5	17	.375	.75		.14	.22	.25		
13U3642AB17	23	19.5	17	.375	.875			.22	.25	.28	
13U4248AB20	27	19.5	20.5	.375	.875			.13	.23	.26	.28

### DIMENSIONAL NOTES:

"H" = LIQUID LINE CONNECTION ODF  
 "J" = SUCTION LINE CONNECTION ODF  
 CONDENSATE DRAIN = 3/4"

## COIL CABINET SPECIFICATIONS FOR COUNTERFLOW FURNACE

COIL CABINET MODEL	CE105S	CE106S	CE107S	CE108S	CE109S	CE111S	CE112S	CE205T	CE206TA
USED W/ COIL MODEL	13U3030AB15	13U3030AB15	13U3030AB15	13U3030AB15	13U3030AB15	13U3030AB15	13U3030AB15	13U3642AB17 13U3036AB17	13U3642AB17 13U3036AB17
A	20	20	20	20	20	20	17.875	24.50	24.50
B	27.75	27.75	27.75	27.75	33.25	24.25	30.0	27.75	30.5
C	17.25	19.25	21.25	24.25	24.25	18.25	20.0	17.75	22.25
D	14	14	14	14	14	14	14	14	15
E	16.50	16.50	16.50	16.5	16.50	16.50	16.50	16.50	17
F	1.25	1.25	1.25	1.25	6.75	1.25	1.625	1.5	1.25



COIL CABINET MODEL	CE208TA	CE209TA	CE211T	CE212T	CE312T
USED W/ COIL MODEL	13U3642AB17 13U3036AB17	13U3642AB17 13U3036AB17	13U3642AB17 13U3036AB17	13U3642AB17 13U3036AB17	13U4248AB20 13C4860HA26 <sup>1</sup>
A	26.50	24.50	24.50	24.375	29.5
B	30.5	33.25	24.25	30.0	30.0
C	24.25	24.25	18.25	20.0	23.25
D	16	15.50	14	14	14
E	17	17	16.5	16.5	16.0/20.0 <sup>2</sup>
F	1.25	6.5	1.25	1.625	4.625

<sup>1</sup> COIL MUST BE REMOVED FROM CASING

<sup>2</sup> 13C4860HA26 COIL