



13 SEER A/C SYSTEM SPECIFICATIONS¹

CONDENSER MODEL	LINE SET MODEL	EVAPORATOR COIL MODEL		SEER	EER	TOTAL BTU/HR HEAT REMOVAL	SENSIBLE HEAT REMOVAL
		A / M - STYLE	H - STYLE				
AC13241B1	LS01E-30 LS01E-50	12U2430AG15		13.1 14.3 ² 14.5 ³	11.7 12.7 ² 12.9 ³	25,000 25,200 ² 25,400 ³	74%
		12C2436AG17	12C2436HG17				
		12C2436AG19	12C2436HG19				
		12C2436AG21	12C2436HG21	13.2	11.9	25,200	74.2%
		12C2436AG23	12C2436HG23				
AS36M224T8ARH-V		13 14.2 ²	11.7 12.7 ²	24,800 25,200 ²	73.9%		
AC13301B1	LS01E-30 LS01E-50	12U2430AG15		13	11.1	29,200	75.2%
		12C2436AG17	12C2436HG17				
		12C2436AG19	12C2436HG19				
		12C2436AG21	12C2436HG21				
		12C2436AG23	12C2436HG23				
AC13361B1	LS02E-30 LS02E-50	12U4848AG20		13	11.8	36,800	76.7%
		12C4848HH21	12C4848HH21				
		12C4848HH23	12C4848HH23				
		AS42M224T8ARH-V		13 ²	11.3 ²	35,400 ²	75.8% ²
AC13421B1	LS02E-30 LS02E-50	12U3648AG17		13	11.5	41,000	76.5%
		12C3642AG17	12C3642HG17				
		12C3642AG19	12C3642HG19				
		12C3648AG21	12C3648HG21				
		12C3648AG23	12C3648HG23				
		12C4848HH21	12C4848HH21	13.3 14. ³	11.8 12.3 ³	42,500 43,000 ³	76.7%
		12C4848HH23	12C4848HH23	13	11.2	42,000	75.9%
AS42M224T8ARH-V							
AC13481C1 AC13483C1	LS02E-30 LS02E-50	12U4848AH20		13.1	11.6	47,000	78.3%
		12C4848HH21	12C4848HH21				
		12C4848AG23	12C4848HH23				
AC13601C1 AC13603C1	LS02E-30 LS02E-50	12C6060HH26	12C6060HH26	13	11.4	52,500	78.7%

¹ ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

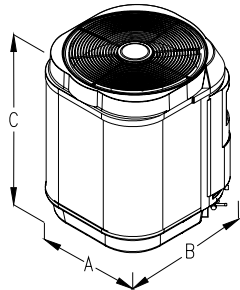
² RATINGS WHEN MATCHED WITH A THERMO PRIDE OH5_DE OIL FURNACE

³ RATINGS WHEN MATCHED WITH A THERMO PRIDE OH6_V4 OIL FURNACE

SEE NEXT PAGE FOR MORE DATA -

CONDENSER SPECIFICATIONS

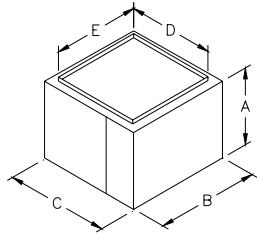
CONDENSER MODEL	AC13241B1	AC13301B1	AC13361B1	AC13421B1	AC13481C1	AC13483C1	AC13601C1	AC13603C1
ELECTRICAL DATA								
VOLTAGE/PHASE/HERTZ	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/3/60	208-230/1/60	208-230/3/60
COMPRESSOR	ZR22K4	ZR26K3	ZR30K3	ZR36K3	ZR40K3	ZR40K3	ZR52K3	ZR52K3
RLA	12.1	13.6	16.4	18.4	20.0	13.9	23.6	15.4
LRA	56	67	83	95	104	88	137	91
MAX FUSE OR BREAKER	25	30	35	40	45	30	50	35
RECOMMENDED FUSE	15	20	25	25	30	20	35	25
WIRE SIZE (AWG)	#14	#12	#10	#10	#10	#12	#8	#10
CONDENSER COIL								
FACE AREA (SQ FT)	12.3	12.3	12.3	17.2	17.2	17.2	17.2	17.2
ROWS DEEP	1	1	1	1	1	1	1	1
FINS PER INCH	17	17	17	22	22	22	22	22
FIN TYPE	RAISED-LANCE	RAISED-LANCE	RAISED-LANCE	RAISED-LANCE	RAISED-LANCE	RAISED-LANCE	RAISED-LANCE	RAISED-LANCE
TUBING OD (IN)	5/16	5/16	5/16	3/8	3/8	3/8	3/8	3/8
CONDENSER FAN								
TYPE	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL	AXIAL
CFM	2944	2944	2944	3630	3630	3630	3630	3630
DIAMETER (IN)	22	22	22	24	24	24	24	24
NO. OF BLADES	3	3	3	3	3	3	3	3
CONDENSER FAN MOTOR								
HP	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4
RPM	825	825	825	825	825	825	825	825
FLA	0.8	0.8	0.8	1.6	1.6	1.6	1.6	1.6
REFRIGERANT-22 FURNISHED (OZ)	76	76	88	112	112	112	112	112
SHIPPING WEIGHT (LB)	150	155	175	210	220	220	250	250
LIQUID LINE CONNECTION (ODF IN)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
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	26.5	26.5	26.5	28.5	28.5	28.5	28.5	28.5
B	27.5	27.5	27.5	30	30	30	30	30
C	34	34	34	38	38	38	38	38



CONDENSER NOMENCLATURE				
AC	13	24	1	B1
AIR CONDITIONER	13 SEER	CAPACITY 24,000	1 = SINGLE PHASE 3 = THREE PHASE	REVISION LEVEL

LINE SET SPECIFICATIONS

LINE SET MODEL	LS01E-30	LS01E-50	LS02E-30	LS02E-50
LIQUID LINE (OD IN)	3/8	3/8	3/8	3/8
SUCTION LINE ¹ (OD IN)	3/4	3/4	7/8	7/8
LENGTH (FT)	30	50	30	50



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"

(CASED) EVAPORATOR COIL SPECIFICATIONS

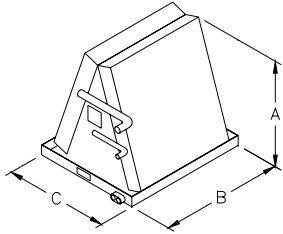
FOR HIGHBOY / LOWBOY/ HORIZONTAL FURNACE

EVAPORATOR COIL NOMENCLATURE					
12	C	2436	A	G	17
10 = FLOWRATOR 12 = TXV	C = CASED U = UNCASED	CAPACITY RANGE 24,000 – 36,000	A = UPFLOW H = HORIZ / UPFLOW	REVISION LEVEL	WIDTH (NOMINAL INCHES)

EVAPORATOR COIL MODEL	A	B	C	D	E	F	G	H	J	APPROX WET COIL PRESSURE DROP (IN H ₂ O)					
										800	1000	1200	1400	1600	2000
										12C2436AG17	16.5	20.5	17.25	15.75	19
12C2436AG19	16.5	20.5	19.25	17.75	19	20	18.25	.375	.75	.19	.23	.29			
12C2436AG21	16.5	20.5	21	19.5	19	20	20	.375	.75	.19	.23	.29			
12C2436AG23	18.5	21	23.25	21.75	19.5	20.5	22.25	.375	.75	.17	.19	.24			
12C3642AG17	25.5	20.5	17.25	15.75	19	20	16.25	.375	.875			.22	.25	.28	
12C3642AG19	25.5	20.5	19.25	17.75	19	20	18.25	.375	.875			.22	.25	.28	
12C3648AG21	25.5	20.5	21.25	19.75	19	20	20.25	.375	.875			.22	.25	.28	
12C3648AG23	25.5	21	23.25	21.75	19.5	20.5	22.25	.375	.875			.22	.25	.28	
12C6060AG23	25.5	21	23.25	21.75	19.5	20.5	22.25	.375	.875						.29
12C2436HG17	16.5	20.5	17.25	15.75	19	20	16.25	.375	.75	.19	.23	.29			
12C2436HG19	16.5	20.5	19.25	17.75	19	20	18.25	.375	.75	.19	.23	.29			
12C2436HG21	16.5	20.5	21	19.50	19	20	20	.375	.75	.19	.23	.29			
12C2436HG23	20.5	21	23.25	21.75	19.5	20.5	22.25	.375	.75	.17	.19	.24			
12C3642HG17	25.5	20.5	17.25	15.75	19	20	16.25	.375	.875			.22	.25	.28	
12C3642HG19	25.5	20.5	19.25	17.75	19	20	18.25	.375	.875			.22	.25	.28	
12C3648HG21	25.5	20.5	21.25	19.75	19	20	20.25	.375	.875			.22	.25	.28	
12C3648HG23	25.5	21	23.25	21.75	19.5	20.5	22.25	.375	.875			.22	.25	.28	
12C4848HH21	27.5	21	21	19.50	19	20	20.25	.375	.875			.13	.23	.26	.28
12C4848HH23	27.5	21	23	21.50	19.5	20.5	22.25	.375	.875			.13	.23	.26	.28
12C6060HH26	29.5	21	25.75	24.25	19.5	20.5	22.25	.375	.875			.28	.29	.30	
AS36M224T8ARH-V	15	21.5	24.5	19.5	12.5	13.25	16.50	.375	.75	.06	.08	.09			
AS42M224T8ARH-V	15	21.5	24.5	19.5	13.25	13.50	17	.375	.875			.09	.14		

¹ INSULATION THICKNESS 1/2"

(UNCASED) EVAPORATOR COIL SPECIFICATIONS



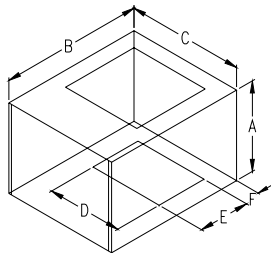
EVAPORATOR COIL MODEL	A	B	C	H	J	APPROX WET COIL PRESSURE DROP (IN H ₂ O)					
						800	1000	1200	1400	1600	2000
12U2430AG15	15	19.5	15.5	.375	.75	.17	.23	.29			
12U3648AG17	23	19.5	17	.375	.875			.22	.25	.28	
12U4848AH20	27	19.5	21	.375	.875			.13	.23	.26	.28

DIMENSIONAL NOTES:

"H" = LIQUID LINE CONNECTION ODF
 "J" = SUCTION LINE CONNECTION ODF
 CONDENSATE DRAIN = 3/8"

COIL CABINET SPECIFICATIONS FOR COUNTERFLOW FURNACE

COIL CABINET MODEL	CE105S	CE106S	CE107S	CE108S	CE109S	CE111S	CE205T	CE206TA	CE208TA	CE209TA	CE211T
USED W/ COIL MODEL	12U2430AG15	12U2430AG15	12U2430AG15	12U2430AG15	12U2430AG15	12U2430AG15	12U3648AG17	12U3648AG17	12U3648AG17	12U3648AG17	12U3648AG17
A	20	20	20	20	20	20	24.50	24.50	26.50	24.50	24.50
B	27.75	27.75	27.75	27.75	33.25	24.25	27.75	30.5	30.5	33.25	24.25
C	17.25	19.25	21.25	24.25	24.25	18.25	17.75	22.25	24.25	24.25	18.25
D	14	14	14	14	14	14	14	15	16	15.50	14
E	16.50	16.50	16.50	16.5	16.50	16.50	16.50	17	17	17	16.5
F	1.25	1.25	1.25	1.25	6.75	1.25	1.5	1.25	1.25	6.5	1.25



COIL CABINET MODEL	CE112S	CE212T	CE312T
USED W/ COIL MODEL	12U2430AG15	12U3648AG17	12U4848AH20 12C6060HH26 ¹
A	17.875	24.375	29.5
B	30.0	30.0	30.0
C	20.0	20.0	23.25
D	14	14	14
E	16.50	16.50	16.000/20.000 ²
F	1.625	1.625	4.625

¹ EVAPORATOR COIL MUST BE REMOVED FROM CASING

² 12C6060HH26 EVAPORATOR COIL