

# TECHNICAL SUPPORT MANUAL

## Two Stage Split System Air Conditioner

### (C,H,T)CA7

#### Safety Labeling and Signal Words

##### DANGER, WARNING, CAUTION, and NOTE

The signal words **DANGER**, **WARNING**, **CAUTION**, and **NOTE** are used to identify levels of hazard seriousness. The signal word **DANGER** is only used on product labels to signify an immediate hazard. The signal words **WARNING**, **CAUTION**, and **NOTE** will be used on product labels and throughout this manual and other manuals that may apply to the product.

**DANGER** - Immediate hazards which **will** result in severe personal injury or death.

**WARNING** - Hazards or unsafe practices which **could** result in severe personal injury or death.

**CAUTION** - Hazards or unsafe practices which **may** result in minor personal injury or product or property damage.

**NOTE** - Used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

##### Signal Words in Manuals

The signal word **WARNING** is used throughout this manual in the following manner:



The signal word **CAUTION** is used throughout this manual in the following manner:



##### Signal Words on Product Labeling

Signal words are used in combination with colors and/or pictures on product labels.

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#### MODELS

CCA724GKA100	HCA724GKA100	TCA724GKA100
CCA736GKA100	HCA736GKA100	TCA736GKA100
CCA748GKA100	HCA748GKA100	TCA748GKA100
CCA760GKA100	HCA760GKA100	TCA760GKA100

**DEATH, PERSONAL INJURY, AND/OR PROPERTY DAMAGE HAZARD**

Failure to carefully read and follow this warning could result in equipment malfunction, property damage, personal injury and/or death.

Installation or repairs made by unqualified persons could result in equipment malfunction, property damage, personal injury and/or death.

The information contained in this manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.

Installation must conform with local building codes and with the National Electrical Code NFPA70 current edition or Canadian Electrical Code Part 1 CSA C.22.1.

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	HCT	C	A	7	24	G	K	A	1	0	0
H = Heil Mainline T = Tempstar Mainline H = Arcoaire Mainline C = Comfortmaker Mainline C = Day & Night Mainline H = Airquest Mainline C = Keeprite Mainline C = Kenmore Mainline H = Kenmore Mainline T = Kenmore Mainline H = ICP Commercial Mainline N = Heil Entry N = Tempstar Entry <b>BRANDING</b> N = Arcoaire Entry <b>BRANDING</b> N = Comfortmaker Entry <b>BRANDING</b> N = Day & Night Entry <b>BRANDING</b> N = Airquest Entry <b>BRANDING</b> N = Keeprite Entry <b>BRANDING</b> N = Kenmore Entry <b>BRANDING</b> N = Kenmore Entry <b>BRANDING</b> N = Kenmore Entry <b>BRANDING</b> N = ICP Commercial Entry <b>BRANDING</b>											
C = Communicating <b>KEY CHARACTERISTIC</b>											
A = Air Conditioner H = Heat Pump <b>TYPE</b>											
6 = 16 SEER 7 = 17 SEER 8 = 18 SEER 9 = 19 SEER <b>NOMINAL EFFICIENCY</b>											
24 = 24,000 BTUH = 2 tons 36 = 36,000 BTUH = 3 tons 48 = 48,000 BTUH = 4 tons 60 = 60,000 BTUH = 5 tons <b>NOMINAL CAPACITY</b>											
G = Coil Guard Grille <b>FEATURES</b>											
K = 208/230-1-60 <b>VOLTAGE</b>											
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

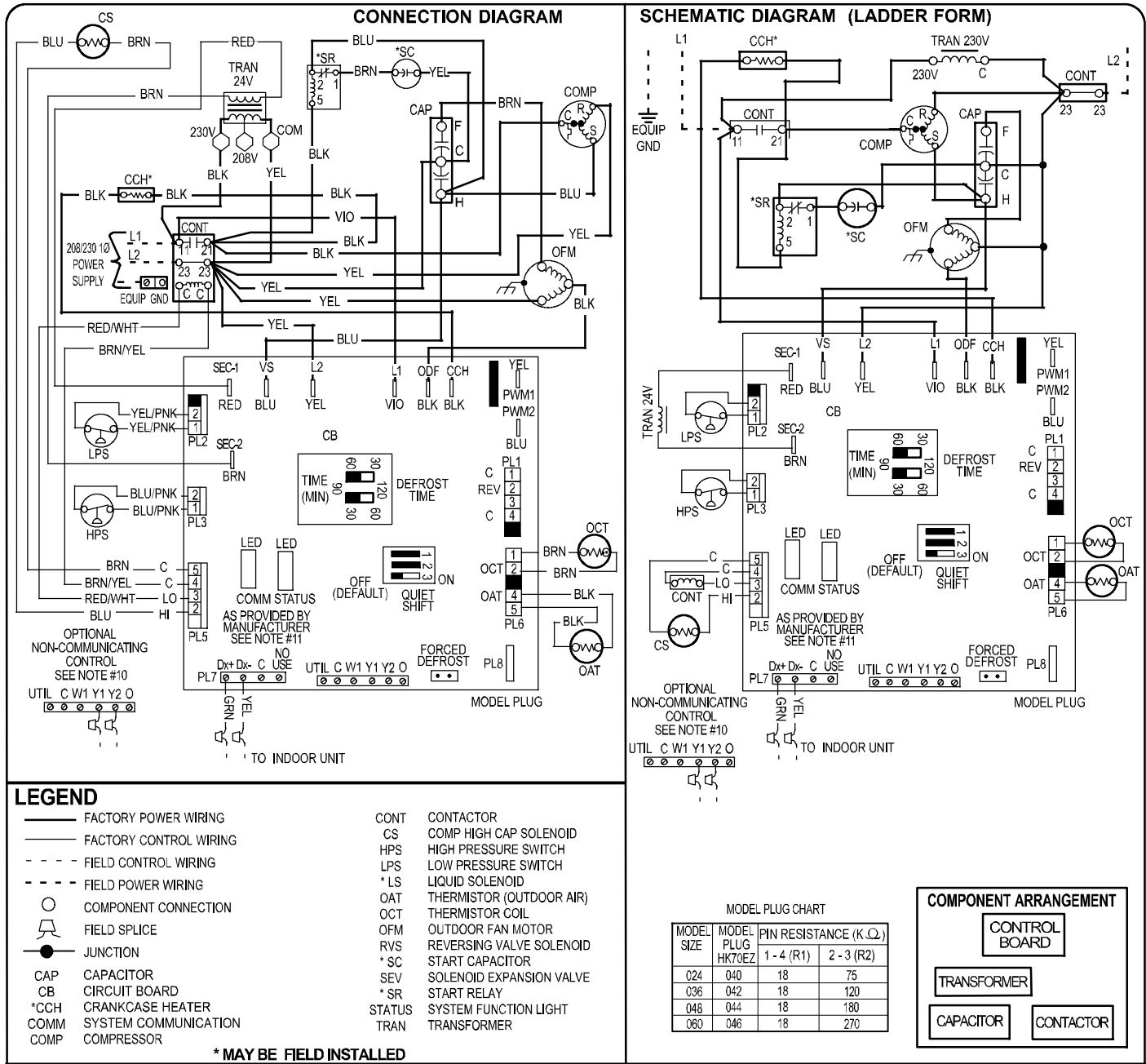
<b>ACCESSORIES PART NUMBER IDENTIFICATION GUIDE</b>								
Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	<b>N</b>	<b>A</b>	<b>S</b>	<b>A</b>	<b>0</b>	<b>01</b>	<b>01</b>	<b>CH</b>
N = Non-Branded								
A = Accessory		<b>PRODUCT GROUP</b>						
S = Split System (AC & HP)			<b>KIT USAGE</b>					
A = Original								
B = 2nd Generation			<b>MAJOR SERIES</b>					
0 = Generic or Not Applicable								
2 = R-22								
4 = R-410A					<b>REFRIGERANT</b>			
Product Identifier Number								
Package Quantity								
Type of Kit (Example: CH = Crankcase Heater)								

## R-410A QUICK REFERENCE GUIDE

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- R-410A refrigerant operates at 50% – 70% higher pressures than R-22. Be sure that servicing equipment and replacement components are designed to operate with R-410A.
- R-410A refrigerant cylinders are rose colored.
- Recovery cylinder service pressure rating must be 400 psig, DOT 4BA400 or DOT BW400.
- R-410A systems should be charged with liquid refrigerant. Use a commercial type metering device in the manifold hose when charging into suction line with compressor operating.
- Manifold sets should be 750 psig high-side and 200 psig low-side with 520 psig low-side retard.
- Use hoses with 750 psig service pressure rating.
- Leak detectors should be designed to detect HFC refrigerant.
- R-410A, as with other HFC refrigerants, is only compatible with POE oils.
- Vacuum pumps will not remove moisture from oil.
- Do not use liquid line filter-driers with rated working pressures less than 600 psig.
- Do not install a suction line filter-drier in liquid line.
- POE oils absorb moisture rapidly. Do not expose oil to atmosphere.
- POE oils may cause damage to certain plastics and roofing materials.
- Wrap all filter-driers and service valves with wet cloth when brazing.
- A liquid line filter-drier is required on every unit.
- Do not use with an R-22 TXV.
- If indoor unit is equipped with an R-22 TXV, it must be changed to an R-410A TXV.
- Never open system to atmosphere while it is under a vacuum.
- When system must be opened for service, break vacuum with dry nitrogen and replace all filter-driers. Evacuate to 500 microns before recharging.
- Do not vent R-410A into the atmosphere.
- Do not use capillary tube indoor coils.
- Observe all **WARNINGS, CAUTIONS, NOTES**, and **bold** text.

**Model Sizes: 24, 36, 48, 60**



**LEGEND**

- FACTORY POWER WIRING
  - FACTORY CONTROL WIRING
  - - - FIELD CONTROL WIRING
  - - - FIELD POWER WIRING
  - COMPONENT CONNECTION
  - FIELD SPICE
  - JUNCTION
  - CAP CAPACITOR
  - CB CIRCUIT BOARD
  - \*CCH CRANKCASE HEATER
  - COMM SYSTEM COMMUNICATION
  - COMP COMPRESSOR
  - CONT CONTACTOR
  - CS COMP HIGH CAP SOLENOID
  - HPS HIGH PRESSURE SWITCH
  - LPS LOW PRESSURE SWITCH
  - \*LS LIQUID SOLENOID
  - OAT THERMISTOR (OUTDOOR AIR)
  - OCT THERMISTOR COIL
  - OFM OUTDOOR FAN MOTOR
  - RVS REVERSING VALVE SOLENOID
  - \*SC START CAPACITOR
  - SEV SOLENOID EXPANSION VALVE
  - \*SR START RELAY
  - STATUS SYSTEM FUNCTION LIGHT
  - TRAN TRANSFORMER
- \* MAY BE FIELD INSTALLED**

**NOTES:**

1. Compressor furnished with inherent thermal protection.
2. To be wired in accordance with National Electric Code (N.E.C.) and local codes.
3. Outdoor unit control requires a minimum of 27 VA, 24 VAC control power.
4. Use copper conductors only. Use conductors suitable for at least 75°C (167°F).
5. If indoor section has a transformer with a grounded secondary, connect the grounded side to "C".
6. If any of the original wire, as supplied, must be replaced, use the same or equivalent wire.
7. Check all electrical connections inside control box for tightness.
8. Do not attempt to operate unit until service valves have been opened.
9. In case of a communicating indoor system, **USE WITH OBSERVER WALL (OUTSIDE) AS LISTED IN PRE-SALE LITERATURE.**
10. In case of non-communicating indoor system disconnect factory provided wires from Dx+, and Dx- terminals. Use factory provided wires to connect to Y1, and Y2 as required by Installation Instructions. Cap or remove unused factory provided wires. If additional grounding is needed use "C" terminal.
11. For Communicating Control only.

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<b>R-410A CHARGING CHART</b>												
Measured Liquid Pressure (psig)	Rating Plate (required) Subcooling Temperature °F (°C)											
	°F 6	(°C) 3	°F 8	(°C) 4	°F 10	(°C) 6	°F 12	(°C) 7	F 14	(°C) 8	F 16	(°C) 9
	R-410A Required Liquid Line Temperature °F (°C)											
251	78	26	76	24	74	23	72	22	70	21	68	20
259	80	27	78	26	76	24	74	23	72	22	70	21
266	82	28	80	27	78	26	76	24	74	23	72	22
274	84	29	82	28	80	27	78	26	76	24	74	23
283	86	30	84	29	82	28	80	27	78	26	76	24
291	88	31	86	30	84	29	82	28	80	27	78	26
299	90	32	88	31	86	30	84	29	82	28	80	27
308	92	33	90	32	88	31	86	30	84	29	82	28
317	94	34	92	33	90	32	88	31	86	30	84	29
326	96	36	94	34	92	33	90	32	88	31	86	30
335	98	37	96	36	94	34	92	33	90	32	88	31
345	100	38	98	37	96	36	94	34	92	33	90	32
364	104	40	102	39	100	38	98	37	96	36	94	34
374	106	41	104	40	102	39	100	38	98	37	96	36
384	108	42	106	41	104	40	102	39	100	38	98	37
395	110	43	108	42	106	41	104	40	102	39	100	38
406	112	44	110	43	108	42	106	41	104	40	102	39
416	114	46	112	44	110	43	108	42	106	41	104	40
427	116	47	114	46	112	44	110	43	108	42	106	41
439	118	48	116	47	114	46	112	44	110	43	108	42
450	120	49	118	48	116	47	114	46	112	44	110	43
462	122	50	120	49	118	48	116	47	114	46	112	44
474	124	51	122	50	120	49	118	48	116	47	114	46

FLASH CODE	FAULT DEFINITION	FLASH CODE	FAULT DEFINITION
On, No Flash	Standby	53	Outdoor Air Temp Sensor
1, Pause	Low Stage	55	Coil Temp Sensor
2, Pause	High Stage	56	Temp Sensor Range Error
Continuous Flash	Emergency Mode	71	Low Stage Thermal Cutout
16	System Communications Failure	72	High Stage Thermal Cutout
25	Invalid Model Plug	73	Contactors Shorted
31	High Pressure Switch Trip	74	Contactors Open (No 230v to Comp)
32	Low Pressure Switch Trip	81	Low Stage Thermal Lockout (4 HRS)
45	Control Fault	82	High Stage Thermal Lockout (4 HRS)
46	Brown out (230V)	83	Low Pressure Lockout (4 HRS)
47	No 230v with Call to Run	84	High Pressure Lockout (4 HRS)

Short flashes indicate the first digit in the status code, followed by long flashes indicating the second digit of the status code.

**UNIT OPERATION**

This control board contains a five minute short cycle protector. A five minute delay will occur between compressor off/on cycles. To bypass delay, short forced defrost pins for 1 second then release. The crankcase heater is energized during off cycle below 65°F.

- † Total capacities are net (I.D. blower heat subtracted) system capacities based on 25' line set.  
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
- †† At TVA rating indoor condition (75 °F db, 63 °F wb), all other indoor air temperatures are at 80 °F db  
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
- ^ System amps are total of indoor and outdoor amps.
- ‡ Chart data is for 80° F indoor dry bulb. For indoor db temperatures other than 80° F, measure Indoor db and Indoor CFM, and plug these into the formula below. Measure outdoor db and indoor wet bulb, apply these to the chart above, find MBh and S/T, and plug these into the formula below.  
(Note: if indoor db is the only thing changing, total capacity, MBh, stays the same.).05

$$\text{Sensible Capacity at Indoor db LOWER than } 80^{\circ} \text{ F} = (\text{MBh} \times \text{S/T}) - \left( \frac{(80 - \text{Indoor db}) \times 835 \times \text{In-door CFM}}{1000} \right)$$

$$\text{Sensible Capacity at Indoor db HIGHER than } 80^{\circ} \text{ F} = (\text{MBh} \times \text{S/T}) + \left( \frac{(\text{Indoor db} - 80) \times 835 \times \text{In-door CFM}}{1000} \right)$$

COOLING		24 Size With END4X42*17** Indoor - NOTE: HIGH STAGE DATA - Both Y and Y2 MUST BE																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
600	MBh†	22.73	24.15	24.66	26.66	29.46	22.01	23.17	23.66	25.58	28.27	21.22	22.12	22.58	24.42	27.00	20.36	20.99	21.42	23.17	25.65	19.43	19.77	20.18	21.85	24.19
	S/T‡	1.00	0.84	0.68	0.65	0.49	1.00	0.85	0.68	0.66	0.49	1.00	0.86	0.69	0.66	0.49	1.00	0.87	0.69	0.67	0.49	1.00	0.89	0.70	0.67	0.49
	AMPS*	6.65	6.69	6.71	6.77	6.86	7.34	7.37	7.39	7.45	7.54	8.07	8.10	8.12	8.18	8.27	8.87	8.89	8.91	8.98	9.07	9.76	9.79	9.79	9.86	9.96
	HI PR	248	249	249	250	250	289	290	290	291	293	335	336	336	337	339	386	386	387	388	390	441	442	442	444	446
	LO PR	122	129	131	141	155	125	131	133	143	157	128	133	135	146	159	132	136	138	148	162	136	138	140	151	165
715	MBh†	24.27	25.08	25.57	27.62	30.50	23.46	24.03	24.48	26.45	29.22	22.58	22.91	23.32	25.20	27.85	21.64	21.73	22.08	23.87	26.40	20.61	20.64	20.76	22.46	24.85
	S/T‡	1.00	0.89	0.71	0.69	0.51	1.00	0.90	0.72	0.69	0.51	1.00	0.92	0.72	0.70	0.51	1.00	0.93	0.73	0.71	0.51	1.00	1.00	0.74	0.72	0.52
	AMPS*	6.79	6.82	6.83	6.90	6.99	7.48	7.50	7.51	7.57	7.67	8.21	8.22	8.24	8.30	8.39	9.01	9.01	9.03	9.10	9.19	9.90	9.90	9.91	9.98	10.08
	HI PR	249	249	249	250	251	290	291	291	292	293	336	336	337	338	340	387	387	387	389	391	443	443	443	444	447
	LO PR	130	134	136	146	160	133	136	138	148	162	136	138	140	151	164	140	141	142	153	167	144	144	145	155	169
750	MBh†	24.68	25.32	25.79	27.85	30.75	23.85	24.25	24.69	26.66	29.44	22.95	23.12	23.50	25.39	28.06	21.97	22.01	22.24	24.04	26.58	20.92	20.95	20.90	22.61	25.01
	S/T‡	1.00	0.91	0.72	0.70	0.51	1.00	0.92	0.73	0.70	0.51	1.00	0.93	0.74	0.71	0.52	1.00	1.00	0.75	0.72	0.52	1.00	1.00	0.76	0.73	0.52
	AMPS*	6.84	6.85	6.87	6.93	7.03	7.52	7.53	7.55	7.61	7.71	8.25	8.26	8.27	8.34	8.43	9.05	9.05	9.06	9.13	9.23	9.94	9.94	9.94	10.01	10.11
	HI PR	249	249	249	250	251	290	291	291	292	293	336	337	337	338	340	387	387	388	389	391	443	443	443	444	447
	LO PR	132	135	137	148	161	135	137	139	150	164	139	140	141	152	166	142	142	143	154	168	146	146	146	156	170
800	MBh†	25.23	25.63	26.08	28.15	31.08	24.36	24.55	24.94	26.93	29.73	23.43	23.46	23.73	25.63	28.31	22.42	22.45	22.45	24.26	26.81	21.33	21.36	21.08	22.79	25.21
	S/T‡	1.00	0.93	0.74	0.71	0.52	1.00	0.94	0.74	0.72	0.52	1.00	1.00	0.75	0.73	0.52	1.00	1.00	0.76	0.74	0.53	1.00	1.00	0.78	0.75	0.53
	AMPS*	6.89	6.91	6.92	6.99	7.08	7.58	7.58	7.60	7.66	7.76	8.31	8.31	8.32	8.38	8.48	9.11	9.11	9.11	9.18	9.28	10.00	10.00	9.99	10.06	10.16
	HI PR	249	249	249	250	251	291	291	291	292	293	337	337	337	338	340	388	388	388	389	391	443	443	443	445	447
	LO PR	135	137	139	149	163	138	139	141	151	165	142	142	143	153	167	145	145	145	155	169	149	149	147	158	172

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25 foot line set.  
 If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

\* System amps are total of indoor and outdoor amps

‡ S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 835 Btu/h per 1000 cfm of indoor coil air from MBh x S/T for each degree below 80°F, or add 835 Btu/h per 1000 cfm of indoor coil air from MBh x S/T for each degree above 80°F

†† At TVA rating indoor condition (75°F db/63°F wb), all other indoor air temperatures are at 80°F db.

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COOLING		36 Size With FVM4X60**** Indoor - NOTE: HIGH STAGE DATA - Both Y and Y2 MUST BE ENERGIZED																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
900	MBh†	33.82	36.00	36.79	39.85	44.03	32.59	34.36	35.11	38.05	42.06	31.29	32.64	33.35	36.15	39.98	29.91	30.83	31.49	34.16	37.81	28.45	28.95	29.55	32.06	35.52
	S/T‡	1.00	0.86	0.70	0.67	0.51	1.00	0.88	0.71	0.68	0.51	1.00	0.90	0.72	0.69	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53
	AMPS*	9.44	9.52	9.55	9.67	9.84	10.42	10.49	10.52	10.64	10.81	11.47	11.52	11.55	11.67	11.85	12.61	12.65	12.68	12.81	12.99	13.88	13.90	13.93	14.06	14.25
	HI PR	258	260	261	264	267	300	302	302	305	309	345	347	348	351	355	396	397	397	401	406	450	451	452	456	461
	LO PR	121	128	130	140	154	124	130	132	143	156	128	132	135	145	159	131	135	137	148	161	136	138	140	150	164
975	MBh†	34.90	36.67	37.47	40.55	44.77	33.61	34.98	35.73	38.68	42.73	32.25	33.20	33.90	36.71	40.59	30.81	31.35	31.99	34.67	38.35	29.28	29.45	29.98	32.49	35.98
	S/T‡	1.00	0.89	0.71	0.69	0.51	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53	1.00	0.99	0.78	0.75	0.54
	AMPS*	9.52	9.59	9.62	9.74	9.91	10.50	10.56	10.59	10.71	10.88	11.55	11.59	11.62	11.74	11.92	12.69	12.71	12.75	12.88	13.06	13.96	13.97	13.99	14.12	14.32
	HI PR	259	261	262	264	268	301	302	303	306	310	347	348	348	352	356	397	397	399	402	407	452	452	453	456	462
	LO PR	124	130	133	143	157	128	132	135	145	159	131	135	137	147	161	135	137	139	150	164	139	140	142	152	166
1050	MBh†	35.89	37.27	38.05	41.15	45.41	34.54	35.53	36.25	39.22	43.31	33.12	33.71	34.38	37.20	41.11	31.61	31.84	32.41	35.09	38.81	30.02	30.07	30.36	32.87	36.37
	S/T‡	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.53	1.00	0.96	0.76	0.73	0.53	1.00	0.98	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	9.60	9.66	9.69	9.81	9.98	10.58	10.62	10.65	10.77	10.95	11.63	11.65	11.68	11.81	11.98	12.77	12.79	12.81	12.94	13.12	14.04	14.04	14.05	14.19	14.38
	HI PR	260	261	262	265	268	302	303	304	307	311	348	348	349	352	357	398	398	399	402	408	453	453	453	457	462
	LO PR	128	132	135	145	159	131	135	137	147	161	135	137	139	149	163	138	139	141	152	166	142	143	143	154	168
1200	MBh†	37.63	38.29	39.02	42.13	46.45	36.17	36.50	37.12	40.10	44.24	34.64	34.70	35.15	37.99	41.94	33.02	33.07	33.10	35.79	39.54	31.30	31.34	30.94	33.47	37.00
	S/T‡	1.00	0.96	0.76	0.73	0.54	1.00	0.98	0.77	0.75	0.54	1.00	1.00	0.79	0.77	0.55	1.00	1.00	0.81	0.79	0.56	1.00	1.00	0.84	0.82	0.58
	AMPS*	9.76	9.78	9.81	9.93	10.11	10.73	10.75	10.77	10.89	11.07	11.78	11.78	11.80	11.93	12.11	12.92	12.92	12.92	13.06	13.24	14.19	14.19	14.16	14.30	14.50
	HI PR	262	262	263	266	269	304	304	305	308	312	350	350	350	354	358	400	400	400	404	409	455	455	454	458	463
	LO PR	134	136	138	149	163	137	138	140	151	165	141	141	142	153	167	144	145	144	155	169	148	148	146	157	171
1350	MBh†	39.10	39.22	39.75	42.88	47.24	37.54	37.60	37.78	40.78	44.96	35.91	35.97	35.75	38.60	42.58	34.19	34.24	33.62	36.33	40.09	32.36	32.40	31.40	33.94	37.47
	S/T‡	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.83	0.80	0.57	1.00	1.00	0.85	0.83	0.59	1.00	1.00	0.88	0.86	0.60
	AMPS*	9.90	9.91	9.92	10.05	10.23	10.87	10.88	10.88	11.01	11.19	11.92	11.92	11.90	12.04	12.22	13.06	13.06	13.03	13.16	13.35	14.32	14.33	14.27	14.41	14.61
	HI PR	263	263	264	266	270	305	305	305	308	313	351	351	351	354	359	402	402	401	405	410	457	457	455	459	464
	LO PR	139	140	141	152	166	142	143	143	153	168	146	146	145	155	170	149	149	147	157	172	153	153	1		





COOLING Multiplying Factors for other Indoor Combinations										
COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	FURNACE MODEL
<b>(C,H,T)CA7 24</b>										
*END4X24*17**	1.00	1.00	1.00	1.00	*8MX*0451408**	EN(A,D)4X24*14**	0.96	1.04	0.97	*9MV*0401410A**
EA*4X24*14A*	0.98	0.98	0.98	0.96	*8MV*0701412**	EN(A,D)4X24*14**	0.97	1.08	0.96	*9MX*0401410A**
EA*4X24*14A*	0.97	1.05	0.97	1.03	*9MV*0401410A**	EN(A,D)4X24*14**	0.96	1.07	0.96	
EA*4X24*14A*	0.98	1.08	0.96	1.01	*9MX*0401410A**	EN(A,D)4X24*17**	0.98	0.98	0.98	*8MV*0701412**
EA*4X24*14A*	0.96	1.07	0.95	1.12		EN(A,D)4X24*17**	0.98	0.98	0.98	*8MV*0901716**
EA*4X24*17A*	0.98	0.98	0.98	0.96	*8MV*0701412**	EN(A,D)4X24*17**	0.97	1.01	0.98	*9MA*0601714A**
EA*4X24*17A*	0.98	0.98	0.98	0.96	*8MV*0901716**	EN(A,D)4X24*17**	0.98	1.00	0.98	*9MA*0801714A**
EA*4X24*17A*	0.97	0.99	0.97	0.98	*9MA*0601714A**	EN(A,D)4X24*17**	0.96	1.04	0.97	*9MV*0401410A**
EA*4X24*17A*	0.98	1.00	0.97	0.97	*9MA*0801714A**	EN(A,D)4X24*17**	0.97	1.01	0.98	*9MV*0601714A**
EA*4X24*17A*	0.97	1.05	0.97	1.03	*9MV*0401410A**	EN(A,D)4X24*17**	0.97	0.99	0.98	*9MV*0801716A**
EA*4X24*17A*	0.95	0.97	0.99	1.00	*9MV*0601714A**	EN(A,D)4X24*17**	0.97	1.08	0.96	*9MX*0401410A**
EA*4X24*17A*	0.98	0.98	0.99	0.99	*9MV*0801716A**	EN(A,D)4X24*17**	0.97	1.01	1.01	*9MX*0601714A**
EA*4X24*17A*	0.98	1.06	0.96	1.00	*9MX*0401410A**	EN(A,D)4X24*17**	0.98	0.98	0.98	MV08B15**B*
EA*4X24*17A*	0.98	1.01	1.01	1.02	*9MX*0601714A**	EN(A,D)4X24*17**	1.00	1.07	0.97	OLV098A12A
EA*4X24*17A*	0.98	0.97	0.98	0.96	MV08B15**B*	EN(A,D)4X24*17**	0.98	1.02	0.97	OMV098J12A
EA*4X24*17A*	1.00	1.04	0.96	0.96	OLV098A12A	EN(A,D)4X24*17**	0.98	1.00	0.99	OMV112K14A
EA*4X24*17A*	0.98	1.01	0.97	0.97	OMV098J12A	EN(A,D)4X24*17**	0.96	1.07	0.96	
EA*4X24*17A*	0.98	0.98	0.98	0.97	OMV112K14A	EN(A,D)4X30*14**	0.97	0.97	0.98	*8MV*0701412**
EA*4X24*17A*	0.96	1.07	0.95	1.12		EN(A,D)4X30*14**	0.98	1.01	0.98	*8MX*0451408**
EA*4X30*14A*	0.98	0.98	0.98	0.96	*8MV*0701412**	EN(A,D)4X30*14**	0.97	1.05	0.97	*9MV*0401410A**
EA*4X30*14A*	0.98	1.01	0.98	0.99	*8MX*0451408**	EN(A,D)4X30*14**	0.98	1.06	0.96	*9MX*0401410A**
EA*4X30*14A*	0.95	1.03	0.97	1.03	*9MV*0401410A**	EN(A,D)4X30*14**	0.97	1.08	0.95	
EA*4X30*14A*	0.98	1.07	0.96	1.00	*9MX*0401410A**	EN(A,D)4X30*17**	0.99	0.99	0.98	*8MV*0701412**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X30*14A*	0.97	1.08	0.95	1.12		EN(A,D)4X30*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
EA*4X30*17A*	0.97	0.97	0.98	0.96	*8MV*0701412**	EN(A,D)4X30*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**
EA*4X30*17A*	0.99	0.99	0.98	0.96	*8MV*0901716**	EN(A,D)4X30*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EA*4X30*17A*	0.98	1.01	0.97	0.98	*9MA*0601714A**	EN(A,D)4X30*17**	0.98	1.04	0.97	1.02	*9MV*0401410A**
EA*4X30*17A*	0.98	0.98	0.97	0.97	*9MA*0801714A**	EN(A,D)4X30*17**	0.98	0.98	0.99	1.00	*9MV*0601714A**
EA*4X30*17A*	0.98	1.04	0.97	1.02	*9MV*0401410A**	EN(A,D)4X30*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EA*4X30*17A*	0.98	0.98	0.99	1.00	*9MV*0601714A**	EN(A,D)4X30*17**	0.98	1.07	0.96	0.99	*9MX*0401410A**
EA*4X30*17A*	0.97	0.97	1.00	1.00	*9MV*0801716A**	EN(A,D)4X30*17**	0.99	1.03	1.02	1.03	*9MX*0601714A**
EA*4X30*17A*	0.98	1.07	0.96	1.00	*9MX*0401410A**	EN(A,D)4X30*17**	0.99	0.98	0.98	0.95	MV08B15**B*
EA*4X30*17A*	0.99	1.03	1.02	1.03	*9MX*0601714A**	EN(A,D)4X30*17**	1.01	1.03	0.96	0.96	OLV098A12A
EA*4X30*17A*	0.99	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X30*17**	0.99	1.02	0.97	0.96	OMV098J12A
EA*4X30*17A*	1.01	1.03	0.96	0.96	OLV098A12A	EN(A,D)4X30*17**	0.98	0.98	0.98	0.96	OMV112K14A
EA*4X30*17A*	0.99	1.02	0.97	0.96	OMV098J12A	EN(A,D)4X30*17**	0.97	1.08	0.95	1.12	
EA*4X30*17A*	0.98	0.98	0.98	0.96	OMV112K14A	EN(A,D)4X31*17**	1.01	0.99	1.00	0.96	*8MV*0701412**
EA*4X30*17A*	0.97	1.08	0.95	1.12		EN(A,D)4X31*17**	1.01	0.97	1.00	0.96	*8MV*0901716**
EA*4X36*14A*	0.99	0.99	0.98	0.96	*8MV*0701412**	EN(A,D)4X31*17**	1.01	1.01	0.99	0.98	*9MA*0601714A**
EA*4X36*14A*	0.99	0.99	0.99	0.99	*8MX*0451408**	EN(A,D)4X31*17**	1.01	1.01	1.00	0.98	*9MA*0801714A**
EA*4X36*14A*	0.98	1.04	0.97	1.02	*9MV*0401410A**	EN(A,D)4X31*17**	1.00	1.04	0.99	1.02	*9MV*0401410A**
EA*4X36*14A*	0.98	1.07	0.96	1.00	*9MX*0401410A**	EN(A,D)4X31*17**	1.00	1.00	1.02	1.01	*9MV*0601714A**
EA*4X36*14A*	0.97	1.08	0.96	1.13		EN(A,D)4X31*17**	1.01	0.99	1.03	1.00	*9MV*0801716A**
EA*4X36*17A*	0.99	0.99	0.98	0.95	*8MV*0701412**	EN(A,D)4X31*17**	1.01	1.09	0.98	1.00	*9MX*0401410A**
EA*4X36*17A*	0.99	0.98	0.98	0.95	*8MV*0901716**	EN(A,D)4X31*17**	1.02	1.04	1.04	1.02	*9MX*0601714A**
EA*4X36*17A*	0.99	0.99	0.98	0.98	*9MA*0601714A**	EN(A,D)4X31*17**	1.01	0.97	1.00	0.96	MV08B15**B*
EA*4X36*17A*	0.99	0.99	0.98	0.97	*9MA*0801714A**	EN(A,D)4X31*17**	1.03	1.03	0.98	0.96	OLV098A12A

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X36*17A*	0.98	1.04	0.98	1.03	*9MV*0401410A**	EN(A,D)4X31*17**	1.01	1.01	0.99	0.96	OMV098J12A
EA*4X36*17A*	0.98	0.98	1.00	1.00	*9MV*0601714A**	EN(A,D)4X31*17**	1.01	0.99	1.01	0.97	OMV112K14A
EA*4X36*17A*	0.99	0.99	1.01	1.00	*9MV*0801716A**	EN(A,D)4X31*17**	0.98	1.07	0.97	1.12	
EA*4X36*17A*	0.99	1.07	0.97	1.00	*9MX*0401410A**	EN(A,D)4X36*21**	0.99	0.98	0.98	0.95	*8MV*0901716**
EA*4X36*17A*	1.01	1.05	1.02	1.02	*9MX*0601714A**	EN(A,D)4X36*21**	0.99	0.99	1.02	1.00	*8MV*1102120**
EA*4X36*17A*	0.99	0.98	0.98	0.95	MV08B15**B*	EN(A,D)4X36*21**	0.98	1.00	0.97	0.98	*9MA*0601714A**
EA*4X36*17A*	1.02	1.04	0.97	0.96	OLV098A12A	EN(A,D)4X36*21**	0.98	0.98	0.98	0.98	*9MA*0602120A**
EA*4X36*17A*	0.99	0.99	0.97	0.96	OMV098J12A	EN(A,D)4X36*21**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EA*4X36*17A*	0.99	0.99	0.99	0.97	OMV112K14A	EN(A,D)4X36*21**	0.98	0.98	1.00	0.99	*9MA*0802120A**
EA*4X36*17A*	0.97	1.08	0.96	1.13		EN(A,D)4X36*21**	0.99	0.99	1.00	0.99	*9MA*1002122A**
EA*4X36*21A*	0.99	0.98	0.98	0.95	*8MV*0901716**	EN(A,D)4X36*21**	0.98	0.98	0.99	0.99	*9MV*0601714A**
EA*4X36*21A*	0.99	0.98	1.02	0.99	*8MV*1102120**	EN(A,D)4X36*21**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EA*4X36*21A*	0.99	0.99	0.98	0.98	*9MA*0601714A**	EN(A,D)4X36*21**	0.99	0.99	1.02	1.01	*9MV*0802120A**
EA*4X36*21A*	0.99	0.99	0.98	0.97	*9MA*0602120A**	EN(A,D)4X36*21**	1.00	1.00	1.02	1.01	*9MV*1002120A**
EA*4X36*21A*	0.99	0.99	0.98	0.97	*9MA*0801714A**	EN(A,D)4X36*21**	0.99	1.03	1.02	1.03	*9MX*0601714A**
EA*4X36*21A*	0.99	0.99	1.01	0.99	*9MA*0802120A**	EN(A,D)4X36*21**	0.99	0.98	0.98	0.97	MV12F19**B*
EA*4X36*21A*	0.99	0.99	1.01	0.99	*9MA*1002122A**	EN(A,D)4X36*21**	1.01	1.03	0.96	0.95	OLV098A12A
EA*4X36*21A*	0.99	0.99	1.01	1.00	*9MV*0601714A**	EN(A,D)4X36*21**	0.99	1.02	0.97	0.96	OMV098J12A
EA*4X36*21A*	1.00	1.00	1.01	1.00	*9MV*0801716A**	EN(A,D)4X36*21**	0.98	0.98	0.98	0.96	OMV112K14A
EA*4X36*21A*	1.01	1.01	1.03	1.01	*9MV*0802120A**	EN(A,D)4X37*17**	1.02	0.98	1.01	0.96	*8MV*0701412**
EA*4X36*21A*	1.02	1.00	1.04	1.02	*9MV*1002120A**	EN(A,D)4X37*17**	1.00	0.96	1.01	0.95	*8MV*0901716**
EA*4X36*21A*	1.02	1.05	1.03	1.03	*9MX*0601714A**	EN(A,D)4X37*17**	1.02	1.02	1.00	0.97	*9MA*0601714A**
EA*4X36*21A*	0.99	0.98	0.98	0.96	MV12F19**B*	EN(A,D)4X37*17**	1.02	1.00	1.01	0.98	*9MA*0801714A**
EA*4X36*21A*	1.02	1.02	0.97	0.96	OLV098A12A	EN(A,D)4X37*17**	1.01	1.05	1.01	1.03	*9MV*0401410A**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X36*21A*	0.99	0.99	0.98	0.96	OMV098J12A	EN(A,D)4X37*17**	1.02	1.02	1.03	1.00	*9MV*0601714A**
EA*4X36*21A*	0.99	0.99	0.99	0.96	OMV112K14A	EN(A,D)4X37*17**	1.02	1.01	1.04	1.00	*9MV*0801716A**
EA*4X36*21A*	0.97	1.08	0.96	1.13		EN(A,D)4X37*17**	1.02	1.09	0.99	0.99	*9MX*0401410A**
ED*4X24B**	0.98	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.02	1.02	1.06	1.03	*9MX*0601714A**
ED*4X24F**	0.98	0.97	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.02	0.97	1.01	0.95	MV08B15**B*
ED*4X24F**	0.98	0.97	0.98	0.97	MV12F19**B*	EN(A,D)4X37*17**	1.02	1.02	0.99	0.96	OLV098A12A
ED*4X30B**	0.99	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.00	0.98	1.00	0.96	OMV098J12A
ED*4X30F**	0.99	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.05	1.01	1.08	1.01	OMV112K14A
ED*4X30F**	0.99	0.98	0.98	0.97	MV12F19**B*	EN(A,D)4X37*17**	0.99	1.07	0.98	1.12	
ED*4X36B**	0.99	0.98	0.98	0.95	MV08B15**B*	EN(A,D,W)4X36*17**	0.99	0.99	0.98	0.96	*8MV*0701412**
ED*4X36F**	0.99	0.98	0.98	0.95	*8MV*0901716**	EN(A,D,W)4X36*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
ED*4X36F**	0.99	0.99	1.02	1.00	*8MV*1102120**	EN(A,D,W)4X36*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**
ED*4X36F**	0.99	0.99	0.98	0.98	*9MA*0601714A**	EN(A,D,W)4X36*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
ED*4X36F**	0.99	0.99	0.98	0.97	*9MA*0801714A**	EN(A,D,W)4X36*17**	0.98	1.04	0.97	1.02	*9MV*0401410A**
ED*4X36F**	0.98	0.98	1.00	1.00	*9MV*0601714A**	EN(A,D,W)4X36*17**	0.98	0.98	0.99	1.00	*9MV*0601714A**
ED*4X36F**	0.99	0.99	1.01	1.00	*9MV*0801716A**	EN(A,D,W)4X36*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
ED*4X36F**	1.02	1.06	1.02	1.02	*9MX*0601714A**	EN(A,D,W)4X36*17**	0.98	1.07	0.96	0.99	*9MX*0401410A**
ED*4X36F**	0.99	0.98	0.98	0.95	MV08B15**B*	EN(A,D,W)4X36*17**	1.02	1.06	1.02	1.03	*9MX*0601714A**
ED*4X36F**	0.99	0.98	0.98	0.96	MV12F19**B*	EN(A,D,W)4X36*17**	0.99	0.98	0.98	0.95	MV08B15**B*
ED*4X36F**	1.02	1.04	0.97	0.96	OLV098A12A	EN(A,D,W)4X36*17**	1.01	1.03	0.96	0.96	OLV098A12A
ED*4X36F**	0.99	0.99	0.97	0.96	OMV098J12A	EN(A,D,W)4X36*17**	0.99	1.02	0.97	0.96	OMV098J12A
ED*4X36F**	0.99	0.99	0.99	0.97	OMV112K14A	EN(A,D,W)4X36*17**	0.98	0.98	0.98	0.96	OMV112K14A
ED*4X36F**	0.97	1.08	0.96	1.13		EN(A,D,W)4X36*17**	0.97	1.08	0.95	1.12	
ED*4X36J**	0.99	0.98	0.98	0.96	MV12F19**B*	ENH4X24*17**	0.98	0.98	0.98	0.96	*8MV*0701412**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EHD4X24A**	0.99	0.99	0.99	0.97	*8MV*0701412**	ENH4X24*17**	0.98	0.98	0.98	0.96	*8MV*0901716**
EHD4X24A**	0.99	0.99	0.99	0.97	*8MV*0901716**	ENH4X24*17**	0.98	0.98	1.02	1.03	*8MV*1102120**
EHD4X24A**	0.99	0.99	1.03	1.04	*8MV*1102120**	ENH4X24*17**	0.98	0.98	1.01	1.00	*8MV*1352422**
EHD4X24A**	0.99	0.99	1.02	1.01	*8MV*1352422**	ENH4X24*17**	0.98	1.01	0.98	0.99	*8MX*0451408**
EHD4X24A**	0.98	1.01	0.98	0.99	*8MX*0451408**	ENH4X24*17**	0.97	1.01	0.98	1.00	*9MA*0601714A**
EHD4X24A**	0.98	1.00	0.99	1.00	*9MA*0601714A**	ENH4X24*17**	0.98	1.00	0.98	0.99	*9MA*0801714A**
EHD4X24A**	0.99	1.02	0.99	1.00	*9MA*0602120A**	ENH4X24*17**	0.97	0.99	1.01	1.03	*9MA*1202422A**
EHD4X24A**	0.99	1.02	0.99	0.99	*9MA*0801714A**	ENH4X24*17**	0.96	1.04	0.97	1.03	*9MV*0401410A**
EHD4X24A**	0.99	0.99	1.01	1.02	*9MA*0802120A**	ENH4X24*17**	0.97	1.01	0.98	0.99	*9MV*0601714A**
EHD4X24A**	0.99	0.99	1.01	1.02	*9MA*1002122A**	ENH4X24*17**	0.97	0.99	0.98	0.99	*9MV*0801716A**
EHD4X24A**	0.99	1.02	1.02	1.04	*9MA*1202422A**	ENH4X24*17**	0.97	0.99	0.99	1.00	*9MV*1202422A**
EHD4X24A**	0.97	1.05	0.97	1.03	*9MV*0401410A**	ENH4X24*17**	0.97	1.08	0.96	1.01	*9MX*0401410A**
EHD4X24A**	0.99	1.03	1.00	1.02	*9MV*0601714A**	ENH4X24*17**	0.97	1.01	1.01	1.03	*9MX*0601714A**
EHD4X24A**	0.98	1.00	0.98	0.99	*9MV*0801716A**	ENH4X24*17**	0.98	0.98	0.98	0.96	MV08B15**B*
EHD4X24A**	0.97	0.97	0.99	0.99	*9MV*0802120A**	ENH4X24*17**	1.00	1.07	0.97	0.98	OLV098A12A
EHD4X24A**	0.98	0.98	1.00	1.00	*9MV*1002120A**	ENH4X24*17**	0.98	1.02	0.97	0.97	OMV098J12A
EHD4X24A**	1.00	1.00	1.02	1.02	*9MV*1202422A**	ENH4X24*17**	0.98	1.00	0.99	0.99	OMV112K14A
EHD4X24A**	0.98	1.06	0.96	1.00	*9MX*0401410A**	ENH4X24*17**	0.96	1.07	0.96	1.13	
EHD4X24A**	0.98	1.02	1.02	1.03	*9MX*0601714A**	ENH4X30*17**	0.99	0.99	0.98	0.96	*8MV*0701412**
EHD4X24A**	0.99	0.98	0.99	0.97	MV08B15**B*	ENH4X30*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
EHD4X24A**	0.99	0.98	0.99	0.98	MV12F19**B*	ENH4X30*17**	0.99	0.99	1.02	1.01	*8MV*1102120**
EHD4X24A**	1.01	1.07	0.98	0.99	OLV098A12A	ENH4X30*17**	0.99	0.98	1.01	0.98	*8MV*1352422**
EHD4X24A**	0.99	1.03	0.98	0.98	OMV098J12A	ENH4X30*17**	0.99	0.99	0.99	0.99	*8MX*0451408**
EHD4X24A**	0.97	0.97	0.99	0.99	OMV112K14A	ENH4X30*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EHD4X24A**	0.95	1.06	0.97	1.13		ENH4X30*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EHD4X30A**	0.98	0.98	0.99	0.96	*8MV*0701412**	ENH4X30*17**	0.98	0.98	1.01	0.98	*9MA*1202422A**
EHD4X30A**	1.00	0.98	0.99	0.96	*8MV*0901716**	ENH4X30*17**	0.98	1.04	1.02	0.98	*9MV*0401410A**
EHD4X30A**	1.00	1.00	1.03	1.01	*8MV*1102120**	ENH4X30*17**	0.98	0.98	1.00	0.98	*9MV*0601714A**
EHD4X30A**	1.00	0.98	1.03	1.00	*8MV*1352422**	ENH4X30*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EHD4X30A**	0.99	0.99	0.99	1.00	*8MX*0451408**	ENH4X30*17**	0.99	0.99	1.01	0.98	*9MV*1202422A**
EHD4X30A**	0.99	0.99	0.99	0.99	*9MA*0601714A**	ENH4X30*17**	0.98	1.07	0.99	0.99	*9MX*0401410A**
EHD4X30A**	0.99	0.99	0.99	0.99	*9MA*0602120A**	ENH4X30*17**	0.99	1.03	1.03	1.03	*9MX*0601714A**
EHD4X30A**	0.99	0.99	0.99	0.98	*9MA*0801714A**	ENH4X30*17**	0.99	0.98	0.95	0.95	MV08B15**B*
EHD4X30A**	0.99	0.99	1.02	1.01	*9MA*0802120A**	ENH4X30*17**	1.01	1.03	0.96	0.96	OLV098A12A
EHD4X30A**	0.99	0.99	1.02	1.01	*9MA*1002122A**	ENH4X30*17**	0.99	1.02	0.96	0.96	OMV098J12A
EHD4X30A**	0.99	0.99	1.03	1.03	*9MA*1202422A**	ENH4X30*17**	0.98	0.98	0.96	0.96	OMV112K14A
EHD4X30A**	0.96	1.02	0.98	1.02	*9MV*0401410A**	ENH4X30*17**	0.97	1.08	1.12	1.12	
EHD4X30A**	0.98	0.98	1.00	1.00	*9MV*0601714A**	ENH4X31*17**	1.01	0.99	0.96	0.96	*8MV*0701412**
EHD4X30A**	0.99	0.99	1.01	1.00	*9MV*0801716A**	ENH4X31*17**	1.01	0.97	0.95	0.95	*8MV*0901716**
EHD4X30A**	0.99	0.99	1.02	1.01	*9MV*0802120A**	ENH4X31*17**	1.01	0.99	1.00	1.00	*8MV*1102120**
EHD4X30A**	0.98	0.98	1.03	1.02	*9MV*1002120A**	ENH4X31*17**	1.01	0.97	0.99	0.99	*8MV*1352422**
EHD4X30A**	0.99	0.99	1.02	1.01	*9MV*1202422A**	ENH4X31*17**	1.01	1.01	0.98	0.98	*9MA*0601714A**
EHD4X30A**	0.98	1.07	0.97	1.00	*9MX*0401410A**	ENH4X31*17**	1.01	1.01	0.98	0.98	*9MA*0801714A**
EHD4X30A**	0.99	1.03	1.03	1.03	*9MX*0601714A**	ENH4X31*17**	1.01	0.99	1.01	1.01	*9MA*1202422A**
EHD4X30A**	1.00	0.98	0.99	0.96	MV08B15**B*	ENH4X31*17**	1.00	1.04	1.03	1.03	*9MV*0401410A**
EHD4X30A**	1.00	0.98	0.99	0.97	MV12F19**B*	ENH4X31*17**	0.98	0.98	1.02	1.00	*9MV*0601714A**
EHD4X30A**	1.02	1.06	0.98	0.97	OLV098A12A	ENH4X31*17**	1.01	0.99	1.03	1.01	*9MV*0801716A**
EHD4X30A**	0.98	1.00	0.99	0.98	OMV098J12A	ENH4X31*17**	1.02	1.00	1.05	1.02	*9MV*1202422A**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EHD4X30A**	0.99	0.99	1.00	0.98	OMV112K14A	ENH4X31*17**	1.01	1.07	0.99	1.00	*9MX*0401410A**
EHD4X30A**	0.97	1.08	0.96	1.13		ENH4X31*17**	1.04	1.04	1.05	1.03	*9MX*0601714A**
EHD4X36A**	1.01	0.99	1.00	0.96	*8MV*0701412**	ENH4X31*17**	1.01	0.97	1.00	0.96	MV08B15**B*
EHD4X36A**	1.01	0.99	1.00	0.96	*8MV*0901716**	ENH4X31*17**	1.03	1.03	0.98	0.96	OLV098A12A
EHD4X36A**	1.01	0.99	1.04	1.01	*8MV*1102120**	ENH4X31*17**	1.01	1.01	0.99	0.96	OMV098J12A
EHD4X36A**	1.01	0.99	1.03	0.98	*8MV*1352422**	ENH4X31*17**	1.01	0.99	1.01	0.97	OMV112K14A
EHD4X36A**	1.01	1.01	1.00	0.99	*8MX*0451408**	ENH4X36*17**	0.99	0.99	0.98	0.96	*8MV*0701412**
EHD4X36A**	0.99	0.99	0.99	0.98	*9MA*0601714A**	ENH4X36*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
EHD4X36A**	1.00	1.00	0.99	0.98	*9MA*0602120A**	ENH4X36*17**	0.99	0.99	1.02	1.01	*8MV*1102120**
EHD4X36A**	1.01	1.01	0.99	0.97	*9MA*0801714A**	ENH4X36*17**	0.99	0.98	1.01	0.98	*8MV*1352422**
EHD4X36A**	1.01	0.99	1.02	1.00	*9MA*0802120A**	ENH4X36*17**	0.99	0.99	0.99	0.99	*8MX*0451408**
EHD4X36A**	1.01	0.99	1.02	0.99	*9MA*1002122A**	ENH4X36*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**
EHD4X36A**	1.01	1.01	1.03	1.01	*9MA*1202422A**	ENH4X36*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EHD4X36A**	0.99	1.03	0.99	1.03	*9MV*0401410A**	ENH4X36*17**	0.98	0.98	1.01	1.01	*9MA*1202422A**
EHD4X36A**	1.00	1.00	1.01	1.00	*9MV*0601714A**	ENH4X36*17**	0.98	1.04	0.97	1.02	*9MV*0401410A**
EHD4X36A**	1.01	1.01	1.02	1.00	*9MV*0801716A**	ENH4X36*17**	0.98	0.98	0.99	1.00	*9MV*0601714A**
EHD4X36A**	0.99	0.98	1.04	1.01	*9MV*0802120A**	ENH4X36*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EHD4X36A**	1.00	0.98	1.05	1.02	*9MV*1002120A**	ENH4X36*17**	0.99	0.99	1.02	1.01	*9MV*1202422A**
EHD4X36A**	1.02	1.00	1.04	1.01	*9MV*1202422A**	ENH4X36*17**	0.98	1.07	0.96	0.99	*9MX*0401410A**
EHD4X36A**	1.01	1.09	0.98	1.00	*9MX*0401410A**	ENH4X36*17**	0.99	1.03	1.02	1.03	*9MX*0601714A**
EHD4X36A**	1.01	1.03	1.04	1.03	*9MX*0601714A**	ENH4X36*17**	0.99	0.98	0.98	0.95	MV08B15**B*
EHD4X36A**	1.01	0.97	1.00	0.96	MV08B15**B*	ENH4X36*17**	1.01	1.03	0.96	0.96	OLV098A12A
EHD4X36A**	1.01	0.97	0.99	0.97	MV12F19**B*	ENH4X36*17**	0.99	1.02	0.97	0.96	OMV098J12A
EHD4X36A**	1.03	1.03	0.98	0.96	OLV098A12A	ENH4X36*17**	0.98	0.98	0.98	0.96	OMV112K14A



COOLING Multiplying Factors for other Indoor Combinations (continued)											
COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EHD4X36A**	1.01	1.01	0.99	0.97	OMV098J12A	ENH4X36*17**	0.97	1.08	0.95	1.12	
EHD4X36A**	1.00	0.98	1.00	0.97	OMV112K14A	FCM4X24****	0.99	0.99	0.99	0.97	
EHD4X36A**	0.98	1.07	0.97	1.12		FCM4X36****	0.99	0.98	0.98	0.95	
EN(A,D)4X24*14**	0.98	0.98	0.98	0.96	*8MV*0701412**	FVM4X24****	0.99	0.99	0.99	0.97	
EN(A,D)4X24*14**	0.98	1.01	0.98	0.99	*8MX*0451408**	FVM4X36****	0.99	0.98	0.98	0.95	
<b>(C,H,T)CA7 36</b>											
*END4X42*17**	1.00	1.00	1.00	1.00	*8MX*0451408**	EN(A,D)4X24*14**	0.96	1.04	0.97	1.03	*9MV*0401410A**
EA*4X24*14A*	0.98	0.98	0.98	0.96	*8MV*0701412**	EN(A,D)4X24*14**	0.97	1.08	0.96	1.01	*9MX*0401410A**
EA*4X24*14A*	0.97	1.05	0.97	1.03	*9MV*0401410A**	EN(A,D)4X24*14**	0.96	1.07	0.96	1.13	
EA*4X24*14A*	0.98	1.08	0.96	1.01	*9MX*0401410A**	EN(A,D)4X24*17**	0.98	0.98	0.98	0.96	*8MV*0701412**
EA*4X24*14A*	0.96	1.07	0.95	1.12		EN(A,D)4X24*17**	0.98	0.98	0.98	0.96	*8MV*0901716**
EA*4X24*17A*	0.98	0.98	0.98	0.96	*8MV*0701412**	EN(A,D)4X24*17**	0.97	1.01	0.98	1.00	*9MA*0601714A**
EA*4X24*17A*	0.98	0.98	0.98	0.96	*8MV*0901716**	EN(A,D)4X24*17**	0.98	1.00	0.98	0.99	*9MA*0801714A**
EA*4X24*17A*	0.97	0.99	0.97	0.98	*9MA*0601714A**	EN(A,D)4X24*17**	0.96	1.04	0.97	1.03	*9MV*0401410A**
EA*4X24*17A*	0.98	1.00	0.97	0.97	*9MA*0801714A**	EN(A,D)4X24*17**	0.97	1.01	0.98	0.99	*9MV*0601714A**
EA*4X24*17A*	0.97	1.05	0.97	1.03	*9MV*0401410A**	EN(A,D)4X24*17**	0.97	0.99	0.98	0.99	*9MV*0801716A**
EA*4X24*17A*	0.95	0.97	0.99	1.00	*9MV*0601714A**	EN(A,D)4X24*17**	0.97	1.08	0.96	1.01	*9MX*0401410A**
EA*4X24*17A*	0.98	0.98	0.99	0.99	*9MV*0801716A**	EN(A,D)4X24*17**	0.97	1.01	1.01	1.03	*9MX*0601714A**
EA*4X24*17A*	0.98	1.06	0.96	1.00	*9MX*0401410A**	EN(A,D)4X24*17**	0.98	0.98	0.98	0.96	MV08B15**B*
EA*4X24*17A*	0.98	1.01	1.01	1.02	*9MX*0601714A**	EN(A,D)4X24*17**	1.00	1.07	0.97	0.98	OLV098A12A
EA*4X24*17A*	0.98	0.97	0.98	0.96	MV08B15**B*	EN(A,D)4X24*17**	0.98	1.02	0.97	0.97	OMV098J12A
EA*4X24*17A*	1.00	1.04	0.96	0.96	OLV098A12A	EN(A,D)4X24*17**	0.98	1.00	0.99	0.99	OMV112K14A
EA*4X24*17A*	0.98	1.01	0.97	0.97	OMV098J12A	EN(A,D)4X24*17**	0.96	1.07	0.96	1.13	
EA*4X24*17A*	0.98	0.98	0.98	0.97	OMV112K14A	EN(A,D)4X30*14**	0.97	0.97	0.98	0.96	*8MV*0701412**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X24*17A*	0.96	1.07	0.95	1.12		EN(A,D)4X30*14**	0.98	1.01	0.98	0.99	*8MX*0451408**
EA*4X30*14A*	0.98	0.98	0.98	0.96	*8MV*0701412**	EN(A,D)4X30*14**	0.97	1.05	0.97	1.03	*9MV*0401410A**
EA*4X30*14A*	0.98	1.01	0.98	0.99	*8MX*0451408**	EN(A,D)4X30*14**	0.98	1.06	0.96	1.00	*9MX*0401410A**
EA*4X30*14A*	0.95	1.03	0.97	1.03	*9MV*0401410A**	EN(A,D)4X30*14**	0.97	1.08	0.95	1.12	
EA*4X30*14A*	0.98	1.07	0.96	1.00	*9MX*0401410A**	EN(A,D)4X30*17**	0.99	0.99	0.98	0.96	*8MV*0701412**
EA*4X30*14A*	0.97	1.08	0.95	1.12		EN(A,D)4X30*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
EA*4X30*17A*	0.97	0.97	0.98	0.96	*8MV*0701412**	EN(A,D)4X30*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**
EA*4X30*17A*	0.99	0.99	0.98	0.96	*8MV*0901716**	EN(A,D)4X30*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EA*4X30*17A*	0.98	1.01	0.97	0.98	*9MA*0601714A**	EN(A,D)4X30*17**	0.98	1.04	0.97	1.02	*9MV*0401410A**
EA*4X30*17A*	0.98	0.98	0.97	0.97	*9MA*0801714A**	EN(A,D)4X30*17**	0.98	0.98	0.99	1.00	*9MV*0601714A**
EA*4X30*17A*	0.98	1.04	0.97	1.02	*9MV*0401410A**	EN(A,D)4X30*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EA*4X30*17A*	0.98	0.98	0.99	1.00	*9MV*0601714A**	EN(A,D)4X30*17**	0.98	1.07	0.96	0.99	*9MX*0401410A**
EA*4X30*17A*	0.97	0.97	1.00	1.00	*9MV*0801716A**	EN(A,D)4X30*17**	0.99	1.03	1.02	1.03	*9MX*0601714A**
EA*4X30*17A*	0.98	1.07	0.96	1.00	*9MX*0401410A**	EN(A,D)4X30*17**	0.99	0.98	0.98	0.95	MV08B15**B*
EA*4X30*17A*	0.99	1.03	1.02	1.03	*9MX*0601714A**	EN(A,D)4X30*17**	1.01	1.03	0.96	0.96	OLV098A12A
EA*4X30*17A*	0.99	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X30*17**	0.99	1.02	0.97	0.96	OMV098J12A
EA*4X30*17A*	1.01	1.03	0.96	0.96	OLV098A12A	EN(A,D)4X30*17**	0.98	0.98	0.98	0.96	OMV112K14A
EA*4X30*17A*	0.99	1.02	0.97	0.96	OMV098J12A	EN(A,D)4X30*17**	0.97	1.08	0.95	1.12	
EA*4X30*17A*	0.98	0.98	0.98	0.96	OMV112K14A	EN(A,D)4X31*17**	1.01	0.99	1.00	0.96	*8MV*0701412**
EA*4X30*17A*	0.97	1.08	0.95	1.12		EN(A,D)4X31*17**	1.01	0.97	1.00	0.96	*8MV*0901716**
EA*4X36*14A*	0.99	0.99	0.98	0.96	*8MV*0701412**	EN(A,D)4X31*17**	1.01	1.01	0.99	0.98	*9MA*0601714A**
EA*4X36*14A*	0.99	0.99	0.99	0.99	*8MX*0451408**	EN(A,D)4X31*17**	1.01	1.01	1.00	0.98	*9MA*0801714A**
EA*4X36*14A*	0.98	1.04	0.97	1.02	*9MV*0401410A**	EN(A,D)4X31*17**	1.00	1.04	0.99	1.02	*9MV*0401410A**
EA*4X36*14A*	0.98	1.07	0.96	1.00	*9MX*0401410A**	EN(A,D)4X31*17**	1.00	1.00	1.02	1.01	*9MV*0601714A**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X36*14A*	0.97	1.08	0.96	1.13		EN(A,D)4X31*17**	1.01	0.99	1.03	1.00	*9MV*0801716A**
EA*4X36*17A*	0.99	0.99	0.98	0.95	*8MV*0701412**	EN(A,D)4X31*17**	1.01	1.09	0.98	1.00	*9MX*0401410A**
EA*4X36*17A*	0.99	0.98	0.98	0.95	*8MV*0901716**	EN(A,D)4X31*17**	1.02	1.04	1.04	1.02	*9MX*0601714A**
EA*4X36*17A*	0.99	0.99	0.98	0.98	*9MA*0601714A**	EN(A,D)4X31*17**	1.01	0.97	1.00	0.96	MV08B15**B*
EA*4X36*17A*	0.99	0.99	0.98	0.97	*9MA*0801714A**	EN(A,D)4X31*17**	1.03	1.03	0.98	0.96	OLV098A12A
EA*4X36*17A*	0.98	1.04	0.98	1.03	*9MV*0401410A**	EN(A,D)4X31*17**	1.01	1.01	0.99	0.96	OMV098J12A
EA*4X36*17A*	0.98	0.98	1.00	1.00	*9MV*0601714A**	EN(A,D)4X31*17**	1.01	0.99	1.01	0.97	OMV112K14A
EA*4X36*17A*	0.99	0.99	1.01	1.00	*9MV*0801716A**	EN(A,D)4X31*17**	0.98	1.07	0.97	1.12	
EA*4X36*17A*	0.99	1.07	0.97	1.00	*9MX*0401410A**	EN(A,D)4X36*21**	0.99	0.98	0.98	0.95	*8MV*0901716**
EA*4X36*17A*	1.01	1.05	1.02	1.02	*9MX*0601714A**	EN(A,D)4X36*21**	0.99	0.99	1.02	1.00	*8MV*1102120**
EA*4X36*17A*	0.99	0.98	0.98	0.95	MV08B15**B*	EN(A,D)4X36*21**	0.98	1.00	0.97	0.98	*9MA*0601714A**
EA*4X36*17A*	1.02	1.04	0.97	0.96	OLV098A12A	EN(A,D)4X36*21**	0.98	0.98	0.98	0.98	*9MA*0602120A**
EA*4X36*17A*	0.99	0.99	0.97	0.96	OMV098J12A	EN(A,D)4X36*21**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EA*4X36*17A*	0.99	0.99	0.99	0.97	OMV112K14A	EN(A,D)4X36*21**	0.98	0.98	1.00	0.99	*9MA*0802120A**
EA*4X36*17A*	0.97	1.08	0.96	1.13		EN(A,D)4X36*21**	0.99	0.99	1.00	0.99	*9MA*1002122A**
EA*4X36*21A*	0.99	0.98	0.98	0.95	*8MV*0901716**	EN(A,D)4X36*21**	0.98	0.98	0.99	0.99	*9MV*0601714A**
EA*4X36*21A*	0.99	0.98	1.02	0.99	*8MV*1102120**	EN(A,D)4X36*21**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EA*4X36*21A*	0.99	0.99	0.98	0.98	*9MA*0601714A**	EN(A,D)4X36*21**	0.99	0.99	1.02	1.01	*9MV*0802120A**
EA*4X36*21A*	0.99	0.99	0.98	0.97	*9MA*0602120A**	EN(A,D)4X36*21**	1.00	1.00	1.02	1.01	*9MV*1002120A**
EA*4X36*21A*	0.99	0.99	0.98	0.97	*9MA*0801714A**	EN(A,D)4X36*21**	0.99	1.03	1.02	1.03	*9MX*0601714A**
EA*4X36*21A*	0.99	0.99	1.01	0.99	*9MA*0802120A**	EN(A,D)4X36*21**	0.99	0.98	0.98	0.97	MV12F19**B*
EA*4X36*21A*	0.99	0.99	1.01	0.99	*9MA*1002122A**	EN(A,D)4X36*21**	1.01	1.03	0.96	0.95	OLV098A12A
EA*4X36*21A*	0.99	0.99	1.01	1.00	*9MV*0601714A**	EN(A,D)4X36*21**	0.99	1.02	0.97	0.96	OMV098J12A
EA*4X36*21A*	1.00	1.00	1.01	1.00	*9MV*0801716A**	EN(A,D)4X36*21**	0.98	0.98	0.98	0.96	OMV112K14A

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X36*21A*	1.01	1.01	1.03	1.01	*9MV*0802120A**	EN(A,D)4X37*17**	1.02	0.98	1.01	0.96	*8MV*0701412**
EA*4X36*21A*	1.02	1.00	1.04	1.00	*9MV*1002120A**	EN(A,D)4X37*17**	1.00	0.96	1.01	0.95	*8MV*0901716**
EA*4X36*21A*	1.02	1.05	1.03	1.02	*9MX*0601714A**	EN(A,D)4X37*17**	1.02	1.02	1.00	0.97	*9MA*0601714A**
EA*4X36*21A*	0.99	0.98	0.98	0.98	MV12F19**B*	EN(A,D)4X37*17**	1.02	1.00	1.01	0.98	*9MA*0801714A**
EA*4X36*21A*	1.02	1.02	0.97	0.96	OLV098A12A	EN(A,D)4X37*17**	1.01	1.05	1.01	1.03	*9MV*0401410A**
EA*4X36*21A*	0.99	0.99	0.98	0.96	OMV098J12A	EN(A,D)4X37*17**	1.02	1.02	1.03	1.00	*9MV*0601714A**
EA*4X36*21A*	0.99	0.99	0.99	0.96	OMV112K14A	EN(A,D)4X37*17**	1.02	1.01	1.04	1.00	*9MV*0801716A**
EA*4X36*21A*	0.97	1.08	0.96	1.13		EN(A,D)4X37*17**	1.02	1.09	0.99	0.99	*9MX*0401410A**
ED*4X24B**	0.98	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.02	1.02	1.06	1.03	*9MX*0601714A**
ED*4X24F**	0.98	0.97	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.02	0.97	1.01	0.95	MV08B15**B*
ED*4X24F**	0.98	0.97	0.98	0.97	MV12F19**B*	EN(A,D)4X37*17**	1.02	1.02	0.99	0.96	OLV098A12A
ED*4X30B**	0.99	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.00	0.98	1.00	0.96	OMV098J12A
ED*4X30F**	0.99	0.98	0.98	0.96	MV08B15**B*	EN(A,D)4X37*17**	1.05	1.01	1.08	1.01	OMV112K14A
ED*4X30F**	0.99	0.98	0.98	0.97	MV12F19**B*	EN(A,D)4X37*17**	0.99	1.07	0.98	1.12	
ED*4X36B**	0.99	0.98	0.98	0.95	MV08B15**B*	EN(A,D,W)4X36*17**	0.99	0.99	0.98	0.96	*8MV*0701412**
ED*4X36F**	0.99	0.98	0.98	0.95	*8MV*0901716**	EN(A,D,W)4X36*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
ED*4X36F**	0.99	0.99	1.02	1.00	*8MV*1102120**	EN(A,D,W)4X36*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**
ED*4X36F**	0.99	0.99	0.98	0.98	*9MA*0601714A**	EN(A,D,W)4X36*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
ED*4X36F**	0.99	0.99	0.98	0.97	*9MA*0801714A**	EN(A,D,W)4X36*17**	0.98	1.04	0.97	1.02	*9MV*0401410A**
ED*4X36F**	0.98	0.98	1.00	1.00	*9MV*0601714A**	EN(A,D,W)4X36*17**	0.98	0.98	0.99	1.00	*9MV*0601714A**
ED*4X36F**	0.99	0.99	1.01	1.00	*9MV*0801716A**	EN(A,D,W)4X36*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
ED*4X36F**	1.02	1.06	1.02	1.02	*9MX*0601714A**	EN(A,D,W)4X36*17**	0.98	1.07	0.96	0.99	*9MX*0401410A**
ED*4X36F**	0.99	0.98	0.98	0.95	MV08B15**B*	EN(A,D,W)4X36*17**	1.02	1.06	1.02	1.03	*9MX*0601714A**
ED*4X36F**	0.99	0.98	0.98	0.96	MV12F19**B*	EN(A,D,W)4X36*17**	0.99	0.98	0.98	0.95	MV08B15**B*

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
ED*4X36F**	1.02	1.04	0.97	0.96	OLV098A12A	EN(A,D,W)4X36*17**	1.01	1.03	0.96	0.96	OLV098A12A
ED*4X36F**	0.99	0.99	0.97	0.96	OMV098J12A	EN(A,D,W)4X36*17**	0.99	1.02	0.96	0.96	OMV098J12A
ED*4X36F**	0.99	0.99	0.99	0.97	OMV112K14A	EN(A,D,W)4X36*17**	0.98	0.98	0.96	0.96	OMV112K14A
ED*4X36F**	0.97	1.08	0.96	1.13		EN(A,D,W)4X36*17**	0.97	1.08	1.12	1.12	
ED*4X36J**	0.99	0.98	0.98	0.96	MV12F19**B*	ENH4X24*17**	0.98	0.98	0.98	0.96	*8MV*0701412**
EHD4X24A**	0.99	0.99	0.99	0.97	*8MV*0701412**	ENH4X24*17**	0.98	0.98	0.96	0.96	*8MV*0901716**
EHD4X24A**	0.99	0.99	0.99	0.97	*8MV*0901716**	ENH4X24*17**	0.98	0.98	1.02	1.03	*8MV*1102120**
EHD4X24A**	0.99	0.99	1.03	1.04	*8MV*1102120**	ENH4X24*17**	0.98	0.98	1.01	1.00	*8MV*1352422**
EHD4X24A**	0.99	0.99	1.02	1.01	*8MV*1352422**	ENH4X24*17**	0.98	1.01	0.98	0.99	*8MX*0451408**
EHD4X24A**	0.98	1.01	0.98	0.99	*8MX*0451408**	ENH4X24*17**	0.97	1.01	1.00	1.00	*9MA*0601714A**
EHD4X24A**	0.98	1.00	0.99	1.00	*9MA*0601714A**	ENH4X24*17**	0.98	1.00	0.99	0.99	*9MA*0801714A**
EHD4X24A**	0.99	1.02	0.99	1.00	*9MA*0602120A**	ENH4X24*17**	0.97	0.99	1.01	1.03	*9MA*1202422A**
EHD4X24A**	0.99	1.02	0.99	0.99	*9MA*0801714A**	ENH4X24*17**	0.96	1.04	0.97	1.03	*9MV*0401410A**
EHD4X24A**	0.99	0.99	1.01	1.02	*9MA*0802120A**	ENH4X24*17**	0.97	1.01	0.98	0.99	*9MV*0601714A**
EHD4X24A**	0.99	0.99	1.01	1.02	*9MA*1002122A**	ENH4X24*17**	0.97	0.99	0.98	0.99	*9MV*0801716A**
EHD4X24A**	0.99	1.02	1.02	1.04	*9MA*1202422A**	ENH4X24*17**	0.97	0.99	0.99	1.00	*9MV*1202422A**
EHD4X24A**	0.97	1.05	0.97	1.03	*9MV*0401410A**	ENH4X24*17**	0.97	1.08	0.96	1.01	*9MX*0401410A**
EHD4X24A**	0.99	1.03	1.00	1.02	*9MV*0601714A**	ENH4X24*17**	0.97	1.01	1.01	1.03	*9MX*0601714A**
EHD4X24A**	0.98	1.00	0.98	0.99	*9MV*0801716A**	ENH4X24*17**	0.98	0.98	0.98	0.96	MV08B15**B*
EHD4X24A**	0.97	0.97	0.99	0.99	*9MV*0802120A**	ENH4X24*17**	1.00	1.07	0.97	0.98	OLV098A12A
EHD4X24A**	0.98	0.98	1.00	1.00	*9MV*1002120A**	ENH4X24*17**	0.98	1.02	0.97	0.97	OMV098J12A
EHD4X24A**	1.00	1.00	1.02	1.02	*9MV*1202422A**	ENH4X24*17**	0.98	1.00	0.99	0.99	OMV112K14A
EHD4X24A**	0.98	1.06	0.96	1.00	*9MX*0401410A**	ENH4X24*17**	0.96	1.07	0.96	1.13	
EHD4X24A**	0.98	1.02	1.02	1.03	*9MX*0601714A**	ENH4X30*17**	0.99	0.99	0.98	0.96	*8MV*0701412**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EHD4X24A**	0.99	0.98	0.99	0.97	MV08B15**B*	ENH4X30*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
EHD4X24A**	0.99	0.98	0.99	0.98	MV12F19**B*	ENH4X30*17**	0.99	0.99	1.02	1.01	*8MV*1102120**
EHD4X24A**	1.01	1.07	0.98	0.99	OLV098A12A	ENH4X30*17**	0.99	0.98	1.01	0.98	*8MV*1352422**
EHD4X24A**	0.99	1.03	0.98	0.98	OMV098J12A	ENH4X30*17**	0.99	0.99	0.99	0.99	*8MX*0451408**
EHD4X24A**	0.97	0.97	0.99	0.99	OMV112K14A	ENH4X30*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**
EHD4X24A**	0.95	1.06	0.97	1.13		ENH4X30*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EHD4X30A**	0.98	0.98	0.99	0.96	*8MV*0701412**	ENH4X30*17**	0.98	0.98	1.01	1.01	*9MA*1202422A**
EHD4X30A**	1.00	0.98	0.99	0.96	*8MV*0901716**	ENH4X30*17**	0.98	1.04	0.97	1.02	*9MV*0401410A**
EHD4X30A**	1.00	1.00	1.03	1.01	*8MV*1102120**	ENH4X30*17**	0.98	0.98	0.99	1.00	*9MV*0601714A**
EHD4X30A**	1.00	0.98	1.03	1.00	*8MV*1352422**	ENH4X30*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EHD4X30A**	0.99	0.99	0.99	1.00	*8MX*0451408**	ENH4X30*17**	0.99	0.99	1.02	1.01	*9MV*1202422A**
EHD4X30A**	0.99	0.99	0.99	0.99	*9MA*0601714A**	ENH4X30*17**	0.98	1.07	0.96	0.99	*9MX*0401410A**
EHD4X30A**	0.99	0.99	0.99	0.99	*9MA*0602120A**	ENH4X30*17**	0.99	1.03	1.02	1.03	*9MX*0601714A**
EHD4X30A**	0.99	0.99	0.99	0.98	*9MA*0801714A**	ENH4X30*17**	0.99	0.98	0.98	0.95	MV08B15**B*
EHD4X30A**	0.99	0.99	1.02	1.01	*9MA*0802120A**	ENH4X30*17**	1.01	1.03	0.96	0.96	OLV098A12A
EHD4X30A**	0.99	0.99	1.02	1.01	*9MA*1002122A**	ENH4X30*17**	0.99	1.02	0.97	0.96	OMV098J12A
EHD4X30A**	0.99	0.99	1.03	1.03	*9MA*1202422A**	ENH4X30*17**	0.98	0.98	0.98	0.96	OMV112K14A
EHD4X30A**	0.96	1.02	0.98	1.02	*9MV*0401410A**	ENH4X30*17**	0.97	1.08	0.95	1.12	
EHD4X30A**	0.98	0.98	1.00	1.00	*9MV*0601714A**	ENH4X31*17**	1.01	0.99	1.00	0.96	*8MV*0701412**
EHD4X30A**	0.99	0.99	1.01	1.00	*9MV*0801716A**	ENH4X31*17**	1.01	0.97	1.00	0.95	*8MV*0901716**
EHD4X30A**	0.99	0.99	1.02	1.01	*9MV*0802120A**	ENH4X31*17**	1.01	0.99	1.04	1.00	*8MV*1102120**
EHD4X30A**	0.98	0.98	1.03	1.02	*9MV*1002120A**	ENH4X31*17**	1.01	0.97	1.04	0.99	*8MV*1352422**
EHD4X30A**	0.99	0.99	1.02	1.01	*9MV*1202422A**	ENH4X31*17**	1.01	1.01	1.00	0.98	*9MA*0601714A**
EHD4X30A**	0.98	1.07	0.97	1.00	*9MX*0401410A**	ENH4X31*17**	1.01	1.01	1.00	0.98	*9MA*0801714A**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EHD4X30A**	0.99	1.03	1.03	1.03	*9MX*0601714A**	ENH4X31*17**	1.01	0.99	1.03	1.01	*9MA*1202422A**
EHD4X30A**	1.00	0.98	0.99	0.99	MV08B15**B*	ENH4X31*17**	1.00	1.04	1.00	1.03	*9MV*0401410A**
EHD4X30A**	1.00	0.98	0.99	0.99	MV12F19**B*	ENH4X31*17**	0.98	0.98	1.02	1.00	*9MV*0601714A**
EHD4X30A**	1.02	1.06	0.98	0.98	OLV098A12A	ENH4X31*17**	1.01	0.99	1.03	1.01	*9MV*0801716A**
EHD4X30A**	0.98	1.00	0.99	0.99	OMV098J12A	ENH4X31*17**	1.02	1.00	1.05	1.02	*9MV*1202422A**
EHD4X30A**	0.99	0.99	1.00	1.00	OMV112K14A	ENH4X31*17**	1.01	1.07	0.99	1.00	*9MX*0401410A**
EHD4X30A**	0.97	1.08	0.96	0.96		ENH4X31*17**	1.04	1.04	1.05	1.03	*9MX*0601714A**
EHD4X36A**	1.01	0.99	1.00	1.00	*8MV*0701412**	ENH4X31*17**	1.01	0.97	1.00	0.96	MV08B15**B*
EHD4X36A**	1.01	0.99	1.00	1.00	*8MV*0901716**	ENH4X31*17**	1.03	1.03	0.98	0.96	OLV098A12A
EHD4X36A**	1.01	0.99	1.04	1.04	*8MV*1102120**	ENH4X31*17**	1.01	1.01	0.99	0.96	OMV098J12A
EHD4X36A**	1.01	0.99	1.03	1.03	*8MV*1352422**	ENH4X31*17**	1.01	0.99	1.01	0.97	OMV112K14A
EHD4X36A**	1.01	1.01	1.00	1.00	*8MX*0451408**	ENH4X36*17**	0.99	0.99	0.98	0.96	*8MV*0701412**
EHD4X36A**	0.99	0.99	0.99	0.99	*9MA*0601714A**	ENH4X36*17**	0.99	0.99	0.98	0.95	*8MV*0901716**
EHD4X36A**	1.00	1.00	0.99	0.99	*9MA*0602120A**	ENH4X36*17**	0.99	0.99	1.02	1.01	*8MV*1102120**
EHD4X36A**	1.01	1.01	0.99	0.99	*9MA*0801714A**	ENH4X36*17**	0.99	0.98	1.01	0.98	*8MV*1352422**
EHD4X36A**	1.01	0.99	1.02	1.02	*9MA*0802120A**	ENH4X36*17**	0.99	0.99	0.99	0.99	*8MX*0451408**
EHD4X36A**	1.01	0.99	1.02	1.02	*9MA*1002122A**	ENH4X36*17**	0.98	1.00	0.97	0.98	*9MA*0601714A**
EHD4X36A**	1.01	1.01	1.03	1.03	*9MA*1202422A**	ENH4X36*17**	0.98	0.98	0.98	0.98	*9MA*0801714A**
EHD4X36A**	0.99	1.03	0.99	0.99	*9MV*0401410A**	ENH4X36*17**	0.98	0.98	1.01	1.01	*9MA*1202422A**
EHD4X36A**	1.00	1.00	1.01	1.01	*9MV*0601714A**	ENH4X36*17**	0.98	1.04	0.97	1.02	*9MV*0401410A**
EHD4X36A**	1.01	1.01	1.02	1.02	*9MV*0801716A**	ENH4X36*17**	0.98	0.98	0.99	1.00	*9MV*0601714A**
EHD4X36A**	0.99	0.98	1.04	1.04	*9MV*0802120A**	ENH4X36*17**	0.97	0.97	1.00	1.00	*9MV*0801716A**
EHD4X36A**	1.00	0.98	1.05	1.05	*9MV*1002120A**	ENH4X36*17**	0.99	0.99	1.02	1.01	*9MV*1202422A**
EHD4X36A**	1.02	1.00	1.04	1.04	*9MV*1202422A**	ENH4X36*17**	0.98	1.07	0.96	0.99	*9MX*0401410A**

COOLING Multiplying Factors for other Indoor Combinations (continued)										
COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	FURNACE MODEL
EHD4X36A**	1.01	1.09	0.98	1.00	*9MX*0401410A**	ENH4X36*17**	0.99	1.03	1.02	*9MX*0601714A**
EHD4X36A**	1.01	1.03	1.04	1.03	*9MX*0601714A**	ENH4X36*17**	0.99	0.98	0.98	MV08B15**B*
EHD4X36A**	1.01	0.97	1.00	0.96	MV08B15**B*	ENH4X36*17**	1.01	1.03	0.96	OLV098A12A
EHD4X36A**	1.01	0.97	0.99	0.97	MV12F19**B*	ENH4X36*17**	0.99	1.02	0.97	OMV098J12A
EHD4X36A**	1.03	1.03	0.98	0.96	OLV098A12A	ENH4X36*17**	0.98	0.98	0.98	OMV112K14A
EHD4X36A**	1.01	1.01	0.99	0.97	OMV098J12A	ENH4X36*17**	0.97	1.08	0.95	
EHD4X36A**	1.00	0.98	1.00	0.97	OMV112K14A	FCM4X24****	0.99	0.99	0.99	
EHD4X36A**	0.98	1.07	0.97	1.12		FCM4X36****	0.99	0.98	0.98	
EN(A,D)4X24*14**	0.98	0.98	0.98	0.96	*8MV*0701412**	FVM4X24****	0.99	0.99	0.99	
EN(A,D)4X24*14**	0.98	1.01	0.98	0.99	*8MX*0451408**	FVM4X36****	0.99	0.98	0.98	
<b>(C,H,T)CA7 48</b>										
*EN(A,D)4X61*24**	1.00	1.00	1.00	1.00	*8MV*1352422**	EHD4X60A**	0.99	1.03	1.01	*9MX*1202422A**
EA*4X48*17A*	0.97	1.02	0.98	1.03	*8MV*0901716**	EHD4X60A**	1.00	1.00	0.99	MV16J22**B*
EA*4X48*17A*	0.96	1.06	0.96	1.05	*9MV*0801716A**	EHD4X60A**	1.00	1.00	0.99	MV20L24**B*
EA*4X48*17A*	0.96	1.06	0.96	1.06	*9MX*0801716A**	EHD4X60A**	0.99	1.07	0.99	OLV112A16A
EA*4X48*17A*	0.97	1.07	0.96	1.14		EHD4X60A**	1.00	1.02	1.00	OLV154F20A
EA*4X48*21A*	0.96	1.01	0.96	1.03	*8MV*0901716**	EHD4X60A**	0.98	1.06	0.98	
EA*4X48*21A*	0.96	1.01	0.96	1.02	*8MV*1102120**	EN(A,D)4X48*24**	0.97	1.02	0.98	*8MV*1102120**
EA*4X48*21A*	0.96	1.01	0.96	1.02	*8MX*1102120**	EN(A,D)4X48*24**	0.97	1.01	0.98	*8MV*1352422**
EA*4X48*21A*	0.95	1.04	0.95	1.04	*9MA*0602120A**	EN(A,D)4X48*24**	0.97	1.01	0.98	*8MX*1102120**
EA*4X48*21A*	0.95	1.00	0.95	1.02	*9MA*0802120A**	EN(A,D)4X48*24**	0.97	1.02	0.99	*8MX*1352420**
EA*4X48*21A*	0.96	1.01	0.95	1.01	*9MA*1002122A**	EN(A,D)4X48*24**	0.95	1.03	0.95	*9MA*0602120A**
EA*4X48*21A*	0.95	1.04	0.95	1.05	*9MV*0801716A**	EN(A,D)4X48*24**	0.96	1.01	0.96	*9MA*0802120A**
EA*4X48*21A*	0.95	1.04	0.95	1.05	*9MX*0801716A**	EN(A,D)4X48*24**	0.96	1.00	0.96	*9MA*1002122A**



**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X48*21A*	0.96	1.01	0.98	1.07	*9MX*0802120A**	EN(A,D)4X48*24**	0.96	1.01	0.96	1.02	*9MA*1202422A**
EA*4X48*21A*	0.96	1.01	0.98	1.06	*9MX*1002120A**	EN(A,D)4X48*24**	0.97	1.02	0.99	1.08	*9MX*0802120A**
EA*4X48*21A*	0.96	1.08	0.96	1.08	OLV112A16A	EN(A,D)4X48*24**	0.97	1.02	0.98	1.05	*9MX*1002120A**
EA*4X48*21A*	0.97	1.07	0.95	1.14		EN(A,D)4X48*24**	0.97	1.02	0.99	1.08	*9MX*1202422A**
EA*4X48*24A*	0.97	1.02	0.96	1.01	*8MV*1102120**	EN(A,D)4X48*24**	0.97	0.98	0.98	1.00	MV16J22**B*
EA*4X48*24A*	0.97	1.01	0.98	1.01	*8MV*1352422**	EN(A,D)4X48*24**	0.98	0.99	0.98	1.00	MV20L24**B*
EA*4X48*24A*	0.97	1.02	0.96	1.02	*8MX*0902116**	EN(A,D)4X48*24**	0.96	1.06	0.98	1.08	OLV112A16A
EA*4X48*24A*	0.97	1.01	0.98	1.02	*8MX*1102120**	EN(A,D)4X48*24**	0.97	1.02	0.98	1.02	OLV154F20A
EA*4X48*24A*	0.95	1.03	0.95	1.04	*9MA*0602120A**	EN(A,D)4X48*24**	0.96	1.06	0.95	1.14	
EA*4X48*24A*	0.95	1.00	0.95	1.01	*9MA*0802120A**	EN(A,D)4X61*24**	0.99	1.01	0.99	1.00	*8MV*1102120**
EA*4X48*24A*	0.96	1.01	0.95	1.01	*9MA*1002122A**	EN(A,D)4X61*24**	1.00	1.02	1.00	1.02	*8MX*0902116**
EA*4X48*24A*	0.96	1.01	0.95	1.01	*9MA*1202422A**	EN(A,D)4X61*24**	1.00	1.02	1.00	1.01	*8MX*1102120**
EA*4X48*24A*	0.95	1.00	0.96	1.03	*9MV*1202422A**	EN(A,D)4X61*24**	1.00	1.02	1.01	1.05	*8MX*1352420**
EA*4X48*24A*	0.96	1.01	0.98	1.07	*9MX*0802120A**	EN(A,D)4X61*24**	0.98	1.03	0.98	1.03	*9MA*0602120A**
EA*4X48*24A*	0.96	1.01	0.98	1.05	*9MX*1002120A**	EN(A,D)4X61*24**	0.99	1.01	0.98	1.00	*9MA*0802120A**
EA*4X48*24A*	0.96	1.01	0.99	1.08	*9MX*1202422A**	EN(A,D)4X61*24**	0.99	1.01	0.98	0.99	*9MA*1002122A**
EA*4X48*24A*	0.97	0.98	0.98	1.00	MV16J22**B*	EN(A,D)4X61*24**	0.99	1.01	0.98	1.00	*9MA*1202422A**
EA*4X48*24A*	0.97	0.98	0.98	1.00	MV20L24**B*	EN(A,D)4X61*24**	0.99	1.01	1.00	1.03	*9MV*1202422A**
EA*4X48*24A*	0.96	1.06	0.96	1.07	OLV112A16A	EN(A,D)4X61*24**	1.00	1.04	1.01	1.07	*9MX*0802120A**
EA*4X48*24A*	0.97	1.02	0.98	1.03	OLV154F20A	EN(A,D)4X61*24**	1.00	1.02	1.01	1.05	*9MX*1002120A**
EA*4X48*24A*	0.96	1.06	0.95	1.14		EN(A,D)4X61*24**	1.00	1.02	1.01	1.07	*9MX*1202422A**
EA*4X60*21A*	0.98	1.03	0.98	1.02	*8MV*0901716**	EN(A,D)4X61*24**	1.00	1.00	1.00	0.99	MV16J22**B*
EA*4X60*21A*	0.99	1.03	0.98	1.01	*8MV*1102120**	EN(A,D)4X61*24**	1.01	1.01	1.00	0.99	MV20L24**B*
EA*4X60*21A*	0.99	1.03	0.98	1.02	*8MX*0902116**	EN(A,D)4X61*24**	0.99	1.07	1.00	1.07	OLV112A16A

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X60*21A*	0.99	1.01	0.98	1.01	*8MX*1102120**	EN(A,D)4X61*24**	1.00	1.02	1.00	1.02	OLV154F20A
EA*4X60*21A*	0.97	1.02	0.96	1.04	*9MA*0602120A**	EN(A,D)4X61*24**	0.99	1.07	0.98	1.14	
EA*4X60*21A*	0.98	1.02	0.96	1.01	*9MA*0802120A**	EN(A,D,W)4X48*21**	0.97	1.02	0.98	1.03	*8MV*0901716**
EA*4X60*21A*	0.98	0.99	0.96	1.01	*9MA*1002122A**	EN(A,D,W)4X48*21**	0.97	1.02	0.98	1.02	*8MV*1102120**
EA*4X60*21A*	0.97	1.02	0.95	1.03	*9MV*0801716A**	EN(A,D,W)4X48*21**	0.97	1.01	0.98	1.02	*8MX*1102120**
EA*4X60*21A*	0.97	1.07	0.96	1.05	*9MX*0801716A**	EN(A,D,W)4X48*21**	0.95	1.03	0.95	1.04	*9MA*0602120A**
EA*4X60*21A*	0.98	1.03	0.99	1.07	*9MX*0802120A**	EN(A,D,W)4X48*21**	0.96	1.01	0.96	1.02	*9MA*0802120A**
EA*4X60*21A*	0.98	1.02	0.99	1.05	*9MX*1002120A**	EN(A,D,W)4X48*21**	0.96	1.00	0.96	1.01	*9MA*1002122A**
EA*4X60*21A*	0.98	1.08	0.98	1.07	OLV112A16A	EN(A,D,W)4X48*21**	0.95	1.03	0.94	1.02	*9MV*0801716A**
EA*4X60*21A*	0.98	1.08	0.96	1.14		EN(A,D,W)4X48*21**	0.96	1.06	0.96	1.06	*9MX*0801716A**
EA*4X60*24A*	0.99	1.03	0.98	1.01	*8MV*1102120**	EN(A,D,W)4X48*21**	0.97	1.02	0.99	1.08	*9MX*0802120A**
EA*4X60*24A*	0.99	1.01	0.98	1.00	*8MV*1352422**	EN(A,D,W)4X48*21**	0.97	1.02	0.98	1.05	*9MX*1002120A**
EA*4X60*24A*	0.99	1.01	0.98	1.01	*8MX*1102120**	EN(A,D,W)4X48*21**	0.96	1.06	0.98	1.08	OLV112A16A
EA*4X60*24A*	0.99	1.03	0.99	1.05	*8MX*1352420**	EN(A,D,W)4X48*21**	0.96	1.06	0.95	1.14	
EA*4X60*24A*	0.97	1.02	0.96	1.04	*9MA*0602120A**	EN(A,D,W)4X60*24**	0.99	1.01	0.99	1.02	*8MV*1102120**
EA*4X60*24A*	0.98	1.02	0.96	1.01	*9MA*0802120A**	EN(A,D,W)4X60*24**	0.99	1.01	0.99	1.01	*8MV*1352422**
EA*4X60*24A*	0.98	0.99	0.96	1.01	*9MA*1002122A**	EN(A,D,W)4X60*24**	0.99	1.01	0.99	1.02	*8MX*1102120**
EA*4X60*24A*	0.98	1.02	0.96	1.01	*9MA*1202422A**	EN(A,D,W)4X60*24**	0.99	1.03	1.00	1.05	*8MX*1352420**
EA*4X60*24A*	0.97	0.98	0.98	1.03	*9MV*1202422A**	EN(A,D,W)4X60*24**	0.97	1.02	0.96	1.03	*9MA*0602120A**
EA*4X60*24A*	0.99	1.05	1.00	1.08	*9MX*0802120A**	EN(A,D,W)4X60*24**	0.97	1.01	0.96	1.01	*9MA*0802120A**
EA*4X60*24A*	0.98	1.02	0.99	1.05	*9MX*1002120A**	EN(A,D,W)4X60*24**	0.98	0.99	0.96	1.00	*9MA*1002122A**
EA*4X60*24A*	0.99	1.03	1.00	1.08	*9MX*1202422A**	EN(A,D,W)4X60*24**	0.98	1.02	0.96	1.01	*9MA*1202422A**
EA*4X60*24A*	0.99	0.99	0.99	1.00	MV16J22**B*	EN(A,D,W)4X60*24**	0.97	0.98	0.99	1.04	*9MV*1202422A**
EA*4X60*24A*	0.99	0.99	0.99	1.00	MV20L24**B*	EN(A,D,W)4X60*24**	0.98	1.02	0.99	1.05	*9MX*1002120A**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X60*24A*	0.98	1.08	0.98	1.07	OLV112A16A	EN(A,D,W)4X60*24**	0.99	1.03	1.00	1.08	*9MX*1202422A**
EA*4X60*24A*	0.99	1.03	0.99	1.03	OLV154F20A	EN(A,D,W)4X60*24**	0.99	0.99	0.99	0.99	MV16J22**B*
ED*4X48J**	0.96	1.01	0.96	1.02	*8MV*1102120**	EN(A,D,W)4X60*24**	0.99	0.99	0.99	0.99	MV20L24**B*
ED*4X48J**	0.97	1.02	0.96	1.01	*8MV*1352422**	EN(A,D,W)4X60*24**	0.98	1.08	0.99	1.08	OLV112A16A
ED*4X48J**	0.95	1.04	0.95	1.04	*9MA*0602120A**	EN(A,D,W)4X60*24**	0.99	1.03	0.99	1.02	OLV154F20A
ED*4X48J**	0.95	1.00	0.95	1.02	*9MA*0802120A**	EN(A,D,W)4X60*24**	0.97	1.07	0.96	1.14	
ED*4X48J**	0.96	1.01	0.95	1.01	*9MA*1002122A**	ENH4X48*21**	0.97	1.02	0.98	1.03	*8MV*0901716**
ED*4X48J**	0.95	1.00	0.95	1.02	*9MA*1202422A**	ENH4X48*21**	0.97	1.02	0.98	1.02	*8MV*1102120**
ED*4X48J**	0.96	1.01	0.98	1.07	*9MX*0802120A**	ENH4X48*21**	0.97	1.01	0.98	1.01	*8MV*1352422**
ED*4X48J**	0.96	1.01	0.98	1.06	*9MX*1002120A**	ENH4X48*21**	0.97	1.02	0.96	1.01	*8MX*0902116**
ED*4X48J**	0.96	1.01	0.98	1.08	*9MX*1202422A**	ENH4X48*21**	0.97	1.01	0.98	1.02	*8MX*1102120**
ED*4X48J**	0.97	1.01	0.98	1.01	MV16J22**B*	ENH4X48*21**	0.95	1.03	0.95	1.04	*9MA*0602120A**
ED*4X48J**	0.96	1.08	0.96	1.08	OLV112A16A	ENH4X48*21**	0.96	1.01	0.96	1.02	*9MA*0802120A**
ED*4X48J**	0.96	1.06	0.95	1.14		ENH4X48*21**	0.96	1.00	0.96	1.01	*9MA*1002122A**
ED*4X48L**	0.97	0.98	0.98	1.00	MV16J22**B*	ENH4X48*21**	0.96	1.01	0.96	1.02	*9MA*1202422A**
ED*4X48L**	0.97	0.98	0.98	1.00	MV20L24**B*	ENH4X48*21**	0.95	1.03	0.94	1.02	*9MV*0801716A**
ED*4X60J**	0.99	0.99	0.99	1.00	MV16J22**B*	ENH4X48*21**	0.96	1.00	0.98	1.04	*9MV*1202422A**
ED*4X60L**	0.99	1.03	0.98	1.01	*8MV*1102120**	ENH4X48*21**	0.96	1.06	0.96	1.06	*9MX*0801716A**
ED*4X60L**	0.99	1.01	0.98	1.00	*8MV*1352422**	ENH4X48*21**	0.97	1.02	0.99	1.08	*9MX*0802120A**
ED*4X60L**	0.97	1.02	0.96	1.04	*9MA*0602120A**	ENH4X48*21**	0.97	1.02	0.98	1.05	*9MX*1002120A**
ED*4X60L**	0.98	1.02	0.96	1.01	*9MA*0802120A**	ENH4X48*21**	0.97	1.02	0.99	1.08	*9MX*1202422A**
ED*4X60L**	0.98	0.99	0.96	1.01	*9MA*1002122A**	ENH4X48*21**	0.96	1.06	0.98	1.08	OLV112A16A
ED*4X60L**	0.98	1.02	0.96	1.01	*9MA*1202422A**	ENH4X48*21**	0.97	1.02	0.98	1.02	OLV154F20A
ED*4X60L**	0.97	0.98	0.98	1.03	*9MV*1202422A**	ENH4X48*21**	0.96	1.06	0.95	1.14	

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
ED*4X60L**	0.99	1.05	1.00	1.08	*9MX*0802120A**	ENH4X60*24**	0.98	1.02	0.98	1.01	*8MV*0901716**
ED*4X60L**	0.98	1.02	0.99	1.05	*9MX*1002120A**	ENH4X60*24**	0.99	1.01	0.99	1.02	*8MV*1102120**
ED*4X60L**	0.99	1.03	1.00	1.08	*9MX*1202422A**	ENH4X60*24**	0.99	1.01	0.99	1.01	*8MV*1352422**
ED*4X60L**	0.99	0.99	0.99	1.00	MV16J2**B*	ENH4X60*24**	0.99	1.01	0.99	1.02	*8MX*1102120**
ED*4X60L**	0.99	0.99	0.99	1.00	MV20L24**B*	ENH4X60*24**	0.99	1.03	1.00	1.05	*8MX*1352420**
ED*4X60L**	0.98	1.08	0.98	1.07	OLV112A16A	ENH4X60*24**	0.97	1.02	0.96	1.03	*9MA*0602120A**
ED*4X60L**	0.99	1.03	0.99	1.03	OLV154F20A	ENH4X60*24**	0.97	1.01	0.96	1.01	*9MA*0802120A**
ED*4X60L**	0.98	1.08	0.96	1.14		ENH4X60*24**	0.98	0.99	0.96	1.00	*9MA*1002122A**
EHD4X48A**	0.97	1.02	0.98	1.03	*8MV*0901716**	ENH4X60*24**	0.98	1.02	0.96	1.01	*9MA*1202422A**
EHD4X48A**	0.98	1.03	0.98	1.02	*8MV*1102120**	ENH4X60*24**	0.97	1.02	0.95	1.02	*9MV*0801716A**
EHD4X48A**	0.98	1.02	0.98	1.01	*8MV*1352422**	ENH4X60*24**	0.97	0.98	0.99	1.04	*9MV*1202422A**
EHD4X48A**	0.97	1.02	0.98	1.02	*8MX*0902116**	ENH4X60*24**	0.97	1.05	0.96	1.04	*9MX*0801716A**
EHD4X48A**	0.97	1.01	0.98	1.02	*8MX*1102120**	ENH4X60*24**	0.98	1.02	1.00	1.07	*9MX*0802120A**
EHD4X48A**	0.97	1.02	0.99	1.06	*8MX*1352420**	ENH4X60*24**	0.98	1.02	0.99	1.05	*9MX*1002120A**
EHD4X48A**	0.96	1.04	0.96	1.05	*9MA*0602120A**	ENH4X60*24**	0.99	1.03	1.00	1.08	*9MX*1202422A**
EHD4X48A**	0.97	1.02	0.96	1.02	*9MA*0802120A**	ENH4X60*24**	0.99	0.99	0.99	0.99	MV16J2**B*
EHD4X48A**	0.97	1.01	0.96	1.01	*9MA*1002122A**	ENH4X60*24**	0.99	0.99	0.99	0.99	MV20L24**B*
EHD4X48A**	0.97	1.02	0.96	1.02	*9MA*1202422A**	ENH4X60*24**	0.98	1.08	0.99	1.08	OLV112A16A
EHD4X48A**	0.97	1.07	0.96	1.05	*9MV*0801716A**	ENH4X60*24**	0.99	1.03	0.99	1.02	OLV154F20A
EHD4X48A**	0.96	1.00	0.98	1.04	*9MV*1202422A**	ENH4X60*24**	0.97	1.07	0.96	1.14	
EHD4X48A**	0.96	1.06	0.96	1.05	*9MX*0801716A**	ENH4X61*24**	0.99	1.03	0.99	1.03	*8MV*0901716**
EHD4X48A**	0.97	1.02	0.99	1.07	*9MX*0802120A**	ENH4X61*24**	0.98	0.99	0.98	1.01	*8MV*1102120**
EHD4X48A**	0.97	1.02	0.99	1.06	*9MX*1002120A**	ENH4X61*24**	0.99	1.01	0.99	1.01	*8MV*1352422**
EHD4X48A**	0.97	1.02	0.99	1.08	*9MX*1202422A**	ENH4X61*24**	0.99	1.03	0.99	1.03	*8MX*0902116**

COOLING Multiplying Factors for other Indoor Combinations (continued)										
COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	FURNACE MODEL
EHD4X48A**	0.98	0.99	0.99	1.01	MV16J22**B*	ENH4X61*24**	0.99	1.01	0.99	*8MX*1102120**
EHD4X48A**	0.98	0.99	0.99	1.01	MV20L24**B*	ENH4X61*24**	0.99	1.03	1.00	*8MX*1352420**
EHD4X48A**	0.97	1.07	0.98	1.09	OLV112A16A	ENH4X61*24**	0.97	1.02	0.96	*9MA*0602120A**
EHD4X48A**	0.98	1.03	0.99	1.04	OLV154F20A	ENH4X61*24**	0.98	1.02	0.98	*9MA*0802120A**
EHD4X48A**	0.97	1.07	0.96	1.14		ENH4X61*24**	0.98	0.99	0.98	*9MA*1002122A**
EHD4X60A**	0.99	1.03	0.99	1.02	*8MV*0901716**	ENH4X61*24**	0.98	1.02	0.98	*9MA*1202422A**
EHD4X60A**	0.99	1.01	0.99	1.01	*8MV*1102120**	ENH4X61*24**	0.98	1.06	0.98	*9MV*0801716A**
EHD4X60A**	1.00	1.02	0.99	1.00	*8MV*1352422**	ENH4X61*24**	0.98	0.99	0.99	*9MV*1202422A**
EHD4X60A**	0.99	1.03	0.99	1.02	*8MX*0902116**	ENH4X61*24**	0.98	1.06	0.98	*9MX*0801716A**
EHD4X60A**	0.99	1.01	0.99	1.01	*8MX*1102120**	ENH4X61*24**	0.99	1.03	1.00	*9MX*0802120A**
EHD4X60A**	0.99	1.01	1.01	1.06	*8MX*1352420**	ENH4X61*24**	0.99	1.03	1.00	*9MX*1002120A**
EHD4X60A**	0.98	1.03	0.98	1.04	*9MA*0602120A**	ENH4X61*24**	0.99	1.03	1.00	*9MX*1202422A**
EHD4X60A**	0.98	0.99	0.98	1.01	*9MA*0802120A**	ENH4X61*24**	1.00	1.00	0.99	MV16J22**B*
EHD4X60A**	0.98	0.99	0.98	1.01	*9MA*1002122A**	ENH4X61*24**	1.00	1.00	0.99	MV20L24**B*
EHD4X60A**	0.98	0.99	0.98	1.01	*9MA*1202422A**	ENH4X61*24**	0.98	1.08	0.99	OLV112A16A
EHD4X60A**	0.97	1.02	0.96	1.03	*9MV*0801716A**	ENH4X61*24**	1.00	1.04	1.00	OLV154F20A
EHD4X60A**	0.98	0.99	0.99	1.03	*9MV*1202422A**	FCM4X48****	0.99	1.01	0.99	
EHD4X60A**	0.98	1.06	0.98	1.05	*9MX*0801716A**	FCM4X60****	1.00	1.00	1.00	
EHD4X60A**	0.99	1.03	1.00	1.07	*9MX*0802120A**	FVM4X48****	0.99	1.01	0.99	
EHD4X60A**	0.99	1.03	1.00	1.05	*9MX*1002120A**	FVM4X60****	1.00	1.00	1.00	
<b>(C,H,T)CA7 60</b>										
*ENH4X61*24**	1.00	1.00	1.00	1.00	*8MX*1102120**	EN(A,D)4X61*24**	1.01	1.03	1.01	1.02
EA*4X60*21A*	0.99	1.03	1.00	1.02	*8MV*1102120**	EN(A,D)4X61*24**	1.01	1.01	1.01	1.02
EA*4X60*21A*	1.00	1.02	0.99	0.99	*8MX*1102120**	EN(A,D)4X61*24**	1.01	1.01	1.01	1.02

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X60*21A*	0.98	1.06	0.99	1.07	*9MA*0602120A**	EN(A,D)4X61*24**	1.01	1.03	1.02	1.06	*9MX*0802120A**
EA*4X60*21A*	0.99	1.03	0.99	1.03	*9MA*0802120A**	EN(A,D)4X61*24**	1.02	1.06	1.02	1.05	*9MX*1002120A**
EA*4X60*21A*	0.99	1.03	1.00	1.02	*9MA*1002122A**	EN(A,D)4X61*24**	1.01	1.03	1.01	1.02	*9MX*1202422A**
EA*4X60*21A*	0.99	1.03	0.99	1.02	*9MV*0802120A**	EN(A,D)4X61*24**	1.02	1.00	1.03	1.00	MV16J22**B*
EA*4X60*21A*	0.99	1.01	0.99	1.02	*9MV*1002120A**	EN(A,D)4X61*24**	1.02	1.00	1.03	1.00	MV20L24**B*
EA*4X60*21A*	0.99	1.03	1.01	1.08	*9MX*0802120A**	EN(A,D)4X61*24**	1.03	1.14	1.04	1.12	OLV154F20A
EA*4X60*21A*	1.00	1.07	1.00	1.05	*9MX*1002120A**	EN(A,D)4X61*24**	1.02	1.06	1.01	1.13	
EA*4X60*21A*	1.00	1.04	0.99	1.12		EN(A,D,W)4X60*24**	0.99	1.01	1.00	1.01	*8MV*1102120**
EA*4X60*24A*	1.00	1.04	1.01	1.04	*8MV*1102120**	EN(A,D,W)4X60*24**	1.00	1.00	1.00	1.00	*8MV*1352422**
EA*4X60*24A*	1.00	1.00	1.00	1.00	*8MV*1352422**	EN(A,D,W)4X60*24**	1.00	1.02	1.01	1.03	*8MX*1102120**
EA*4X60*24A*	1.00	1.02	0.99	1.00	*8MX*1352420**	EN(A,D,W)4X60*24**	1.00	1.02	1.00	1.01	*8MX*1352420**
EA*4X60*24A*	0.98	1.06	0.99	1.07	*9MA*0602120A**	EN(A,D,W)4X60*24**	0.98	1.06	0.99	1.06	*9MA*0602120A**
EA*4X60*24A*	0.99	1.03	0.99	1.02	*9MA*0802120A**	EN(A,D,W)4X60*24**	0.99	1.03	1.00	1.03	*9MA*0802120A**
EA*4X60*24A*	0.99	1.01	1.00	1.02	*9MA*1002122A**	EN(A,D,W)4X60*24**	0.99	1.01	1.00	1.02	*9MA*1002122A**
EA*4X60*24A*	0.99	1.03	1.00	1.03	*9MA*1202422A**	EN(A,D,W)4X60*24**	0.99	1.03	1.00	1.03	*9MA*1202422A**
EA*4X60*24A*	0.99	1.03	0.99	1.02	*9MV*0802120A**	EN(A,D,W)4X60*24**	0.99	1.03	1.00	1.03	*9MV*0802120A**
EA*4X60*24A*	0.99	1.01	0.99	1.02	*9MV*1002120A**	EN(A,D,W)4X60*24**	0.99	1.01	0.99	1.01	*9MV*1002120A**
EA*4X60*24A*	0.99	1.01	1.00	1.03	*9MV*1202422A**	EN(A,D,W)4X60*24**	0.99	1.01	1.00	1.02	*9MV*1202422A**
EA*4X60*24A*	0.99	1.03	1.01	1.08	*9MX*0802120A**	EN(A,D,W)4X60*24**	0.99	1.03	1.01	1.07	*9MX*0802120A**
EA*4X60*24A*	1.00	1.04	1.01	1.06	*9MX*1002120A**	EN(A,D,W)4X60*24**	1.00	1.04	1.01	1.06	*9MX*1002120A**
EA*4X60*24A*	0.99	1.03	1.00	1.03	*9MX*1202422A**	EN(A,D,W)4X60*24**	0.99	1.03	1.00	1.02	*9MX*1202422A**
EA*4X60*24A*	1.00	1.00	1.01	1.00	MV16J22**B*	EN(A,D,W)4X60*24**	1.00	1.00	1.01	1.00	MV16J22**B*
EA*4X60*24A*	1.00	1.00	1.01	1.00	MV20L24**B*	EN(A,D,W)4X60*24**	1.00	1.00	1.01	0.99	MV20L24**B*
EA*4X60*24A*	1.01	1.14	1.02	1.11	OLV154F20A	EN(A,D,W)4X60*24**	1.01	1.14	1.02	1.11	OLV154F20A

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EA*4X60*24A*	1.00	1.04	0.99	1.12		EN(A,D,W)4X60*24**	1.00	1.04	0.99	1.12	
ED*4X60J**	1.00	1.00	1.01	1.01	MV16J22**B*	ENH4X60*24**	0.99	1.01	1.00	1.01	*8MV*1102120**
ED*4X60L**	1.00	1.04	1.01	1.04	*8MV*1102120**	ENH4X60*24**	1.00	1.00	1.00	1.00	*8MV*1352422**
ED*4X60L**	1.01	1.03	1.01	1.02	*8MV*1352422**	ENH4X60*24**	1.00	1.02	1.00	1.00	*8MX*1102120**
ED*4X60L**	0.99	1.03	1.00	1.03	*9MA*1202422A**	ENH4X60*24**	1.00	1.02	1.00	1.01	*8MX*1352420**
ED*4X60L**	0.99	1.01	1.00	1.03	*9MV*1202422A**	ENH4X60*24**	0.98	1.06	0.99	1.06	*9MA*0602120A**
ED*4X60L**	0.99	1.03	1.00	1.03	*9MX*1202422A**	ENH4X60*24**	0.99	1.03	1.00	1.03	*9MA*0802120A**
ED*4X60L**	1.00	1.00	1.01	1.00	MV16J22**B*	ENH4X60*24**	0.99	1.01	1.00	1.02	*9MA*1002122A**
ED*4X60L**	1.00	1.00	1.01	1.00	MV20L24**B*	ENH4X60*24**	0.99	1.03	1.00	1.03	*9MA*1202422A**
ED*4X60L**	1.01	1.14	1.02	1.11	OLV154F20A	ENH4X60*24**	0.99	1.03	1.00	1.03	*9MV*0802120A**
ED*4X60L**	1.00	1.04	0.99	1.12		ENH4X60*24**	0.99	1.01	0.99	1.01	*9MV*1002120A**
EHD4X60A**	1.00	1.02	1.01	1.02	*8MV*1102120**	ENH4X60*24**	0.99	1.01	1.00	1.02	*9MV*1202422A**
EHD4X60A**	1.01	1.01	1.01	1.00	*8MV*1352422**	ENH4X60*24**	1.00	1.04	1.01	1.06	*9MX*1002120A**
EHD4X60A**	1.01	1.01	1.00	0.99	*8MX*1102120**	ENH4X60*24**	0.99	1.03	1.00	1.02	*9MX*1202422A**
EHD4X60A**	1.01	1.03	1.00	1.00	*8MX*1352420**	ENH4X60*24**	1.00	1.00	1.01	1.00	MV16J22**B*
EHD4X60A**	0.99	1.07	1.00	1.07	*9MA*0602120A**	ENH4X60*24**	1.00	1.00	1.01	0.99	MV20L24**B*
EHD4X60A**	1.00	1.04	1.00	1.02	*9MA*0802120A**	ENH4X60*24**	1.01	1.14	1.02	1.11	OLV154F20A
EHD4X60A**	1.00	1.02	1.00	1.01	*9MA*1002122A**	ENH4X60*24**	1.00	1.04	0.99	1.12	
EHD4X60A**	1.00	1.02	1.00	1.02	*9MA*1202422A**	ENH4X61*24**	1.00	1.02	1.00	1.01	*8MV*1102120**
EHD4X60A**	1.00	1.02	1.00	1.02	*9MV*0802120A**	ENH4X61*24**	1.00	1.00	1.00	1.00	*8MV*1352422**
EHD4X60A**	1.00	1.00	1.00	1.02	*9MV*1002120A**	ENH4X61*24**	1.00	1.02	1.00	1.01	*8MX*1352420**
EHD4X60A**	1.00	1.02	1.01	1.03	*9MV*1202422A**	ENH4X61*24**	0.99	1.07	0.99	1.07	*9MA*0602120A**
EHD4X60A**	1.00	1.04	1.01	1.06	*9MX*0802120A**	ENH4X61*24**	1.00	1.04	1.00	1.03	*9MA*0802120A**
EHD4X60A**	1.01	1.05	1.02	1.06	*9MX*1002120A**	ENH4X61*24**	1.00	1.02	1.00	1.02	*9MA*1002122A**

**COOLING** Multiplying Factors for other Indoor Combinations (continued)

COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	HIGH SPEED CAPACITY	POWER	LOW SPEED CAPACITY	POWER	FURNACE MODEL
EHD4X60A**	1.00	1.02	1.01	1.03	*9MX*1202422A**	ENH4X61*24**	1.00	1.04	1.00	1.03	*9MA*1202422A**
EHD4X60A**	1.01	0.99	1.02	1.00	MV16J22*B*	ENH4X61*24**	1.00	1.04	1.00	1.03	*9MV*0802120A**
EHD4X60A**	1.01	0.99	1.02	1.00	MV20L24**B*	ENH4X61*24**	0.99	1.01	1.00	1.02	*9MV*1002120A**
EHD4X60A**	1.02	1.13	1.03	1.11	OLV154F20A	ENH4X61*24**	1.00	1.02	1.00	1.02	*9MV*1202422A**
EHD4X60A**	1.01	1.05	1.00	1.12		ENH4X61*24**	1.00	1.04	1.01	1.07	*9MX*0802120A**
EN(A,D)4X61*24**	1.01	1.01	1.01	1.00	*8MV*1102120**	ENH4X61*24**	1.01	1.05	1.01	1.06	*9MX*1002120A**
EN(A,D)4X61*24**	1.01	1.01	1.01	0.99	*8MV*1352422**	ENH4X61*24**	1.00	1.04	1.00	1.03	*9MX*1202422A**
EN(A,D)4X61*24**	1.02	1.02	1.03	1.04	*8MX*1102120**	ENH4X61*24**	1.01	1.01	1.02	1.01	MV16J22**B*
EN(A,D)4X61*24**	1.01	1.01	1.01	1.00	*8MX*1352420**	ENH4X61*24**	1.01	1.01	1.02	1.01	MV20L24**B*
EN(A,D)4X61*24**	1.00	1.08	1.00	1.06	*9MA*0602120A**	ENH4X61*24**	1.02	1.15	1.03	1.12	OLV154F20A
EN(A,D)4X61*24**	1.01	1.03	1.01	1.02	*9MA*0802120A**	ENH4X61*24**	1.01	1.05	1.00	1.13	
EN(A,D)4X61*24**	1.01	1.01	1.01	1.01	*9MA*1002122A**	FCM4X60****	1.02	1.00	1.02	1.00	
EN(A,D)4X61*24**	1.01	1.03	1.01	1.02	*9MA*1202422A**	FVM4X60****	1.02	1.00	1.02	1.00	



PHYSICAL DATA					
Model Size		24	36	48	60
Nominal Cooling Capacity (BTU/hr)		24,000	36,000	48,000	60,000
SEER Rating‡		16.0	17.7	17.0	16.5
Sound Rating**, High Stage (dBA)		72	72	73	73
Low Stage (dBA)		71	72	72	73
PSC Fan Motor HP		1/10	1/5	1/4	1/4
Fan RPM		825	810	825	825
Fan CFM		3008	3530	4650	4800
Coil Face Area ft <sup>2</sup> (m <sup>2</sup> )		21.53	21.53	25.12	30.14
Coil Rows - fins per inch		1-25	2-20	2-20	2-20
Low Pressure Switch	Open Pressure	50 ± 7 PSIG	50 ± 7 PSIG	50 ± 7 PSIG	50 ± 7 PSIG
	Close Pressure	95 ± 7 PSIG	95 ± 7 PSIG	95 ± 7 PSIG	95 ± 7 PSIG
Hi Pressure Switch	Open Pressure	670 ± 10 PSIG	670 ± 10 PSIG	670 ± 10 PSIG	670 ± 10 PSIG
	Close Pressure	470 ± 25 PSIG	470 ± 25 PSIG	470 ± 25 PSIG	470 ± 25 PSIG
Liquid Line Connection Size in. (mm)		3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vapor Line Connection Size in. (mm)		3/4 (19)	7/8 (22)	7/8 (22)	7/8 (22)
Recommended Line Set Liquid Tube Diameter in. (mm)		3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Recommended Line Set Vapor Tube Diameter in. (mm)*		3/4 (19)*	7/8 (22)*	1-1/8 (29)*	1-1/8 (29)*
* Recommended Vapor Tube Line size is for standard installations. These recommendations may not apply to "Long Line" installations. When the total equivalent line length exceeds 80 feet (24.4m) or there is more than 20 feet (6.1m) vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/ installing line sets.					
Factory Charge R-410A lbs. (kg)		6.63 (3.01)	10.83 (4.91)	12.20 (5.53)	15.13 (6.86)
Required Subcooling °F (°C)		8 (4)	13 (7)	11 (6)	12 (7)

ELECTRICAL DATA (208/230-1-60, voltage range 197V - 253V)					
Model Size		24	36	48	60
Minimum Circuit Ampacity - <b>MCA</b> (amps)		13.6	22.1	27.8	30.1
Maximum OverCurrent Protective device - <b>MOCP</b> (amps)		20	30	40	50
Compressor <b>RLA</b> (Rated Load Amps)		10.3	16.7	21.2	23.0
<b>LRA</b> (Locked Rotor Amps)		52	82	96	118
Fan Motor <b>FLA</b> (Full Load Amps)		0.7	1.2	1.2	1.3

‡ Highest sales volume tested combination.

\*\*Sound Rating tested in accordance with AHRI Standard 270-95 (not listed with AHRI).

R-410A COOLING CAPACITY LOSS FOR VARIOUS LINE LENGTHS & TUBE DIAMETERS											
Unit Nominal Size (Btuh)	Maximum Liquid Line Diameter (OD) in.(mm)	Vapor Line Diameters (OD) in. (mm)	Cooling Capacity Loss (%) at Total Equivalent Line Length, feet (m)								
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-50.3)	176-200 (53.6-60.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
24 2-Stage AC	3/8 (10)	5/8 (16)	0	1	1	2	3	3	4	4	5
		3/4 (19)	0	0	0	0	1	1	1	1	1
36 2-Stage AC		5/8 (16)	1	2	4	5	6	7	9	10	11
		3/4 (19)	0	0	1	1	2	2	3	3	4
48 2-Stage AC		7/8 (22)	0	0	0	0	1	1	1	1	2
		3/4 (19)	1	2	2	3	4	5	6	7	7
		7/8 (22)	0	1	1	2	2	2	3	3	3
60 2-Stage AC		1-1/8 (29)	0	0	-	-	-	-	-	-	-
		3/4 (19)	1	2	4	5	6	7	9	10	10
		7/8 (22)	0	1	2	2	2	3	4	4	5
		1-1/8 (29)	0	0	0	0	1	1	1	1	

Applications in shaded area may be long line and may have height restrictions. See the AC & HP R410A Split System Long Line Applications Guideline.

- Applications in this area are not recommended due to insufficient oil return.

ACCESSORY USAGE GUIDELINES		
Accessory	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 ft. / 24.38 m)	Required for Sea Coast Application (within 2 miles/3.22 km)
Crankcase Heater	Yes, standard on some units	No
Compressor Start Assist Capacitor and Relay	Yes	No
Liquid Line Solenoid Valve	See Long Line Applications Guideline	No
Support Feet	No	Recommended

\* For Line Set lengths between 80 and 200 ft (24.4 and 61m) horizontal, or more than 20 ft (6.1m) indoor-outdoor vertical separation, refer to the Long Line Application Guideline document.

ACCESSORIES		
Part Number	Description	Used On Model Size
NASA401LS	Liquid Line Solenoid Valve, R-410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001SF	Support Feet, 4" (102mm) tall	ALL
NASA010SC	Hard Start Kit (Capacitor & Relay)	24
NASA011SC	Hard Start Kit (Capacitor & Relay)	36
NASA012SC	Hard Start Kit (Capacitor & Relay)	48
NASA013SC	Hard Start Kit (Capacitor & Relay)	60
NASA0100CH	Crankcase Heater Kit (Factory installed on 48 & 60)	24, 36
WALL CONTROL		
TSTAT0101SC	Observer™ Self Configuring Communicating Wall Control	ALL

CCA7, HCA7, TCA7 PARTS LIST

KEY NO.	DESCRIPTION	PART NO.	CCA7, HCA7, TCA7 PARTS LIST											
			CCA724GKA100	CCA736GKA100	CCA748GKA100	CCA760GKA100	HCA724GKA100	HCA736GKA100	HCA748GKA100	HCA760GKA100	TCA724GKA100	TCA736GKA100	TCA748GKA100	TCA760GKA100
01	COMP ZPS20K4EPFV130	ZPS20K4EPFV130	1	-	-	-	1	-	-	-	1	-	-	-
01	COMP ZPS30K4EPFV130	ZPS30K4EPFV130	-	1	-	-	-	1	-	-	-	1	-	-
01	COMP ZPS40K4EPFV130	ZPS40K4EPFV130	-	-	1	-	-	-	1	-	-	-	1	-
01	COMP ZPS49K4EPFV130	ZPS49K4EPFV130	-	-	-	1	-	-	-	1	-	-	-	1
02	MOTOR COND 1/10 HP 825	1184596	1	-	-	-	1	-	-	-	1	-	-	-
02	MOTOR BLR 1/5 HP 810	1184958	-	1	-	-	-	1	-	-	-	1	-	-
02	MOTOR COND 1/4 HP 825	1184599	-	-	1	-	-	-	1	-	-	-	1	-
02	MOTOR BLR 1/4 HP 825	1184959	-	-	-	1	-	-	-	1	-	-	-	1
03	FAN C 24" 3B 1/2"	1184625	1	-	-	-	1	-	-	-	1	-	-	-
03	FAN BLADE	1177890	-	1	-	-	-	1	-	-	-	1	-	-
03	FAN C 26" 3B 1/2" 24 INT	1172716	-	-	1	-	-	-	1	-	-	-	1	-
03	FAN C 26" 3B 1/2"	1185010	-	-	-	1	-	-	-	1	-	-	-	1
04	CONTACTOR 1P 30A 24V W/SHUNT	1172472	1	1	1	-	1	1	1	-	1	1	1	-
04	CONTACTOR 1P 40A	1176763	-	-	-	1	-	-	-	1	-	-	-	1
05	CAP RN RD 370V 5+35	1172110	1	-	-	-	1	-	-	-	1	-	-	-
05	CAP RN RD 370V 5+40	1172147	-	1	-	-	-	1	-	-	-	1	-	-
05	CAP RN RD 370V 7.5+45	1172291	-	-	1	-	-	-	1	-	-	-	1	-
05	CAP RN RD 370V 7.5+80	1172296	-	-	-	1	-	-	-	1	-	-	-	1
06	COIL ASY COND	1184939	1	-	-	-	1	-	-	-	1	-	-	-
06	COIL ASY COND	1184940	-	1	-	-	-	1	-	-	-	1	-	-
06	COND COIL ASY	1179157	-	-	1	-	-	-	1	-	-	-	1	-
06	COIL ASY COND	1183627	-	-	-	1	-	-	-	1	-	-	-	1
07	VALVE SVC PARK SUC 12S-12S	1172726	1	-	-	-	1	-	-	-	1	-	-	-
07	VALVE SVC PARK SUC 14S-14S	1172727	-	1	1	1	-	1	1	1	-	1	1	1
08	VALVE SVC PARK LIQ 06S-06S	1172792	1	1	1	1	1	1	1	1	1	1	1	1
09	PLUG COMP WIRE (SM) 12GAx44"	1172731	1	1	-	-	1	1	-	-	1	1	-	-
09	PLUG COMP WIRE (SM) 12GAx54"	1172793	-	-	1	-	-	-	1	-	-	-	1	-
09	PLUG COMP WIRE (SM) 10GAx54"	1172732	-	-	-	1	-	-	-	1	-	-	-	1
10	ISOLATOR VIBRATION	1172271	4	4	4	4	4	4	4	4	4	4	4	4
11	NUT HEX WASHER FACE 5/16-18	1174289	4	4	4	4	4	4	4	4	4	4	4	4
12	TRANS 208/230>24 40VA	1170676	1	1	1	1	1	1	1	1	1	1	1	1
13	PLUG MODEL	1184941	1	-	-	-	1	-	-	-	1	-	-	-
13	PLUG MODEL	1184943	-	1	-	-	-	1	-	-	-	1	-	-
13	PLUG MODEL	1184945	-	-	1	-	-	-	1	-	-	-	1	-
13	PLUG MODEL	1184947	-	-	-	1	-	-	-	1	-	-	-	1
17	SWITCH ASY LO PRESSURE	1184613	1	1	1	1	1	1	1	1	1	1	1	1
19	PRESSURE SWITCH HI	1184656	1	1	1	1	1	1	1	1	1	1	1	1
20	DISTRUBITOR ASSY	1177831	-	1	1	-	-	1	1	-	-	1	1	-
20	DISTRIBUTOR ASY	1185061	-	-	-	1	-	-	-	1	-	-	-	1
22	THERMISTOR ASY	1184605	1	1	1	1	1	1	1	1	1	1	1	1
24	FILTER DRIER ASY	1184615	1	1	1	1	1	1	1	1	1	1	1	1

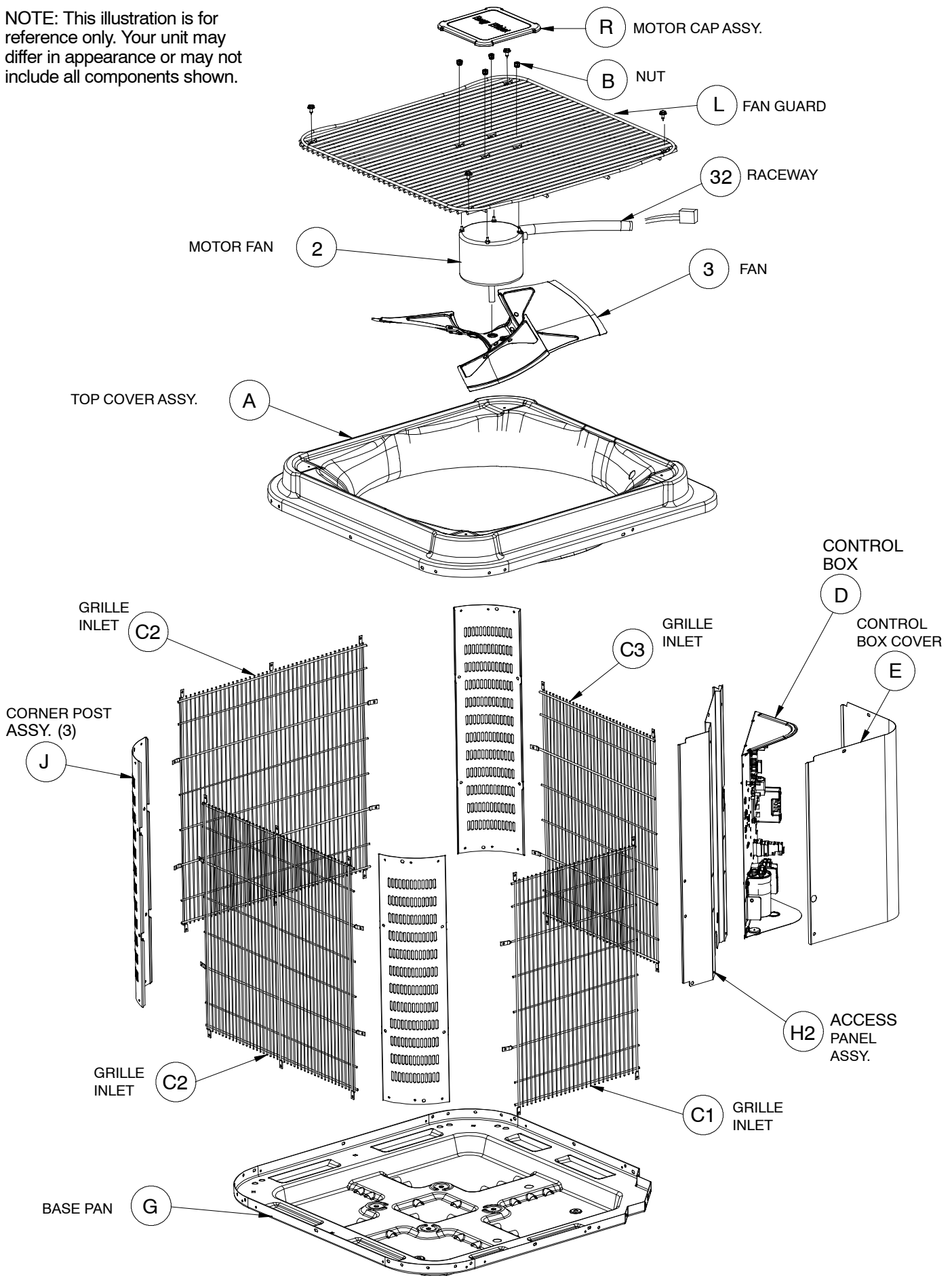
CCA7, HCA7, TCA7 PARTS LIST

KEY NO.	DESCRIPTION	PART NO.												
			CCA724GKA100	CCA736GKA100	CCA748GKA100	CCA760GKA100	HCA724GKA100	HCA736GKA100	HCA748GKA100	HCA760GKA100	TCA724GKA100	TCA736GKA100	TCA748GKA100	TCA760GKA100
26	BOARD CIRCUIT	1184935	1	1	1	1	1	1	1	1	1	1	1	1
27	JACKET SOUND	1172014	1	1	1	-	1	1	1	-	1	1	1	-
27	JACKET SOUND	1174008	-	-	-	1	-	-	-	1	-	-	-	1
32	RACEWAY	1175919	1	1	1	1	1	1	1	1	1	1	1	1
33	LUG GROUND	1172300	1	1	1	1	1	1	1	1	1	1	1	1
34	HARNESS ASY	1184937	1	1	1	1	1	1	1	1	1	1	1	1
35	HEATER CRANKCASE	1185011	-	-	1	-	-	-	1	-	-	-	1	-
35	HEATER CRANKCASE	1185012	-	-	-	1	-	-	-	1	-	-	-	1
37	HARNESS ASY COMPR SOLENOID	1184938	1	1	1	1	1	1	1	1	1	1	1	1
42	HARNESS ASY	1184936	1	1	1	1	1	1	1	1	1	1	1	1
A	TOP COVER ASY	1183097	1	1	-	-	-	-	-	-	1	1	-	-
A	TOP COVER ASY	1183317	-	-	1	1	-	-	-	-	-	-	1	1
A	TOP COVER ASY	1177914	-	-	-	-	1	1	-	-	-	-	-	-
A	TOP COVER ASSY	1178327	-	-	-	-	-	-	1	1	-	-	-	-
B	NUT HEX 8-32 KNURL MTR MTG	1172217	4	4	4	4	4	4	4	4	4	4	4	4
C1	GRILLE INLET	1178598	1	1	-	-	-	-	-	-	-	-	-	-
C1	GRILLE INLET	1178579	-	-	1	-	-	-	-	-	-	-	-	-
C1	GRILLE INLET	1178698	-	-	-	1	-	-	-	-	-	-	-	-
C1	GRILLE INLET HEIL	1175805	-	-	-	-	1	1	-	-	-	-	-	-
C1	GRILLE INLET	1177491	-	-	-	-	-	-	1	-	-	-	-	-
C1	GRILLE INLET	1178807	-	-	-	-	-	-	-	1	-	-	-	-
C1	GRILLE INLET	1176723	-	-	-	-	-	-	-	-	1	1	-	-
C1	GRILLE INLET	1177575	-	-	-	-	-	-	-	-	-	-	1	-
C1	GRILLE INLET	1178809	-	-	-	-	-	-	-	-	-	-	-	1
C2	GRILLE INLET	1178599	2	2	-	-	-	-	-	-	-	-	-	-
C2	GRILLE INLET	1178580	-	-	2	-	-	-	-	-	-	-	-	-
C2	GRILLE INLET	1178699	-	-	-	2	-	-	-	-	-	-	-	-
C2	GRILLE INLET	1177900	-	-	-	-	2	2	-	-	-	-	-	-
C2	GRILLE INLET HEIL	1176702	-	-	-	-	-	-	2	-	-	-	-	-
C2	GRILLE INLET HEIL	1175799	-	-	-	-	-	-	-	2	-	-	-	-
C2	GRILLE INLET	1177902	-	-	-	-	-	-	-	-	2	2	-	-
C2	GRILLE INLET	1176717	-	-	-	-	-	-	-	-	-	-	2	-
C2	GRILLE INLET	1176450	-	-	-	-	-	-	-	-	-	-	-	2
C3	GRILLE INLET	1178600	1	1	-	-	-	-	-	-	-	-	-	-
C3	GRILLE INLET	1178581	-	-	1	-	-	-	-	-	-	-	-	-
C3	GRILLE INLET	1178700	-	-	-	1	-	-	-	-	-	-	-	-
C3	GRILLE INLET	1177906	-	-	-	-	1	1	-	-	-	-	-	-
C3	GRILLE INLET	1177494	-	-	-	-	-	-	1	-	-	-	-	-
C3	GRILLE INLET	1178808	-	-	-	-	-	-	-	1	-	-	-	-
C3	GRILLE INLET	1177908	-	-	-	-	-	-	-	-	1	1	-	-
C3	GRILLE INLET	1177578	-	-	-	-	-	-	-	-	-	-	1	-

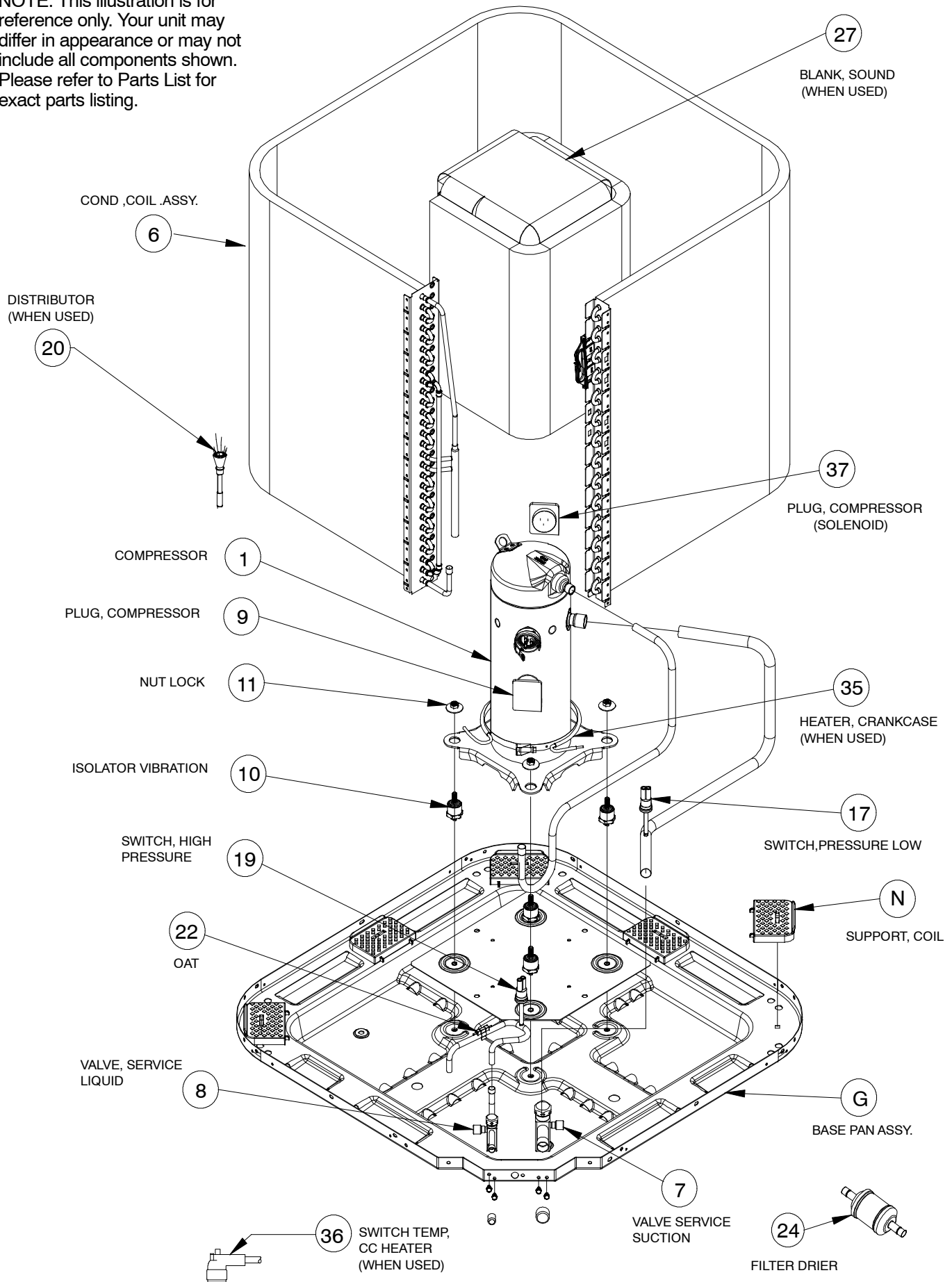
CCA7, HCA7, TCA7 PARTS LIST

KEY NO.	DESCRIPTION	PART NO.	CCA724GKA100	CCA736GKA100	CCA748GKA100	CCA760GKA100	HCA724GKA100	HCA736GKA100	HCA748GKA100	HCA760GKA100	TCA724GKA100	TCA736GKA100	TCA748GKA100	TCA760GKA100
C3	GRILLE INLET	1178810	-	-	-	-	-	-	-	-	-	-	-	1
D	BOX CONTROL	1184617	1	1	1	1	1	1	1	1	1	1	1	1
E	KIT CONTROL BOX COVER	1185013	1	-	-	-	1	-	-	-	1	-	-	-
E	KIT CONTROL BOX COVER	1185014	-	1	-	-	-	1	-	-	-	1	-	-
E	KIT CONTROL BOX COVER	1185015	-	-	1	-	-	-	1	-	-	-	1	-
E	KIT CONTROL BOX COVER	1185016	-	-	-	1	-	-	-	1	-	-	-	1
F	SVCE PNL ASSY	1178326	1	1	1	-	1	1	1	-	1	1	1	-
F	PANEL SERVICE	1178696	-	-	-	1	-	-	-	1	-	-	-	1
G	BASE PAN ASSY	1178308	1	1	-	-	1	1	-	-	1	1	-	-
G	BASE PAN ASSY	1178309	-	-	1	1	-	-	1	1	-	-	1	1
J	CORNER POST ASY	1178575	3	3	3	-	-	-	-	-	-	-	-	-
J	CORNER POST ASY	1178697	-	-	-	3	-	-	-	-	-	-	-	-
J	COR POST ASSY	1178314	-	-	-	-	3	3	3	-	-	-	-	-
J	POST ASY CORNER	1178805	-	-	-	-	-	-	-	3	-	-	-	-
J	CORNER POST ASY	1178583	-	-	-	-	-	-	-	-	3	3	3	-
J	POST ASY CORNER	1178806	-	-	-	-	-	-	-	-	-	-	-	3
L	GUARD FAN	1178586	1	1	-	-	-	-	-	-	-	-	-	-
L	GUARD FAN	1178573	-	-	1	1	-	-	-	-	-	-	-	-
L	FAN GUARD	1177893	-	-	-	-	1	1	-	-	-	-	-	-
L	GUARD FAN	1174032	-	-	-	-	-	-	1	1	-	-	-	-
L	FAN GUARD	1177894	-	-	-	-	-	-	-	-	1	1	-	-
L	FAN GUARD	1177572	-	-	-	-	-	-	-	-	-	-	1	1
N	SUPPORT COIL	1174068	5	5	5	5	5	5	5	5	-	-	-	-
P	CLAMP CAPACITOR ROUND 2.0"D	1172734	1	1	1	-	1	1	1	-	1	1	1	-
P	CLAMP CAPACITOR ROUND 2.5"D	1172735	-	-	-	1	-	-	-	1	-	-	-	1
R	MOTOR CAP ASSY COMF	1175140	1	1	1	1	-	-	-	-	-	-	-	-
R	MOTOR CAP ASSY HEIL	1175157	-	-	-	-	1	1	1	1	-	-	-	-
R	MOTOR CAP ASSY TEMP	1175158	-	-	-	-	-	-	-	-	1	1	1	1
<b>Parts Not Shown</b>														
)	PAINT TOUCH UP BALTIC GRY 1 PT	1178322	1	1	1	1	1	1	1	1	1	1	1	1
)	CAP SERVICE KIT 11/16-20	1175650	1	1	1	1	1	1	1	1	1	1	1	1
)	CAP SERVICE KIT 15/16-20	1175651	1	-	-	-	1	-	-	-	1	-	-	-
)	CAP SERVICE KIT 1-1/16-20	1175652	-	1	1	1	-	1	1	1	-	1	1	1
)	DRIER FILTER SUCT LINE 8.0 CI	1174194	1	-	-	-	1	-	-	-	1	-	-	-
)	DRIER FILTER SUCT LINE 15.0 CI	1174193	-	1	1	1	-	1	1	1	-	1	1	1

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

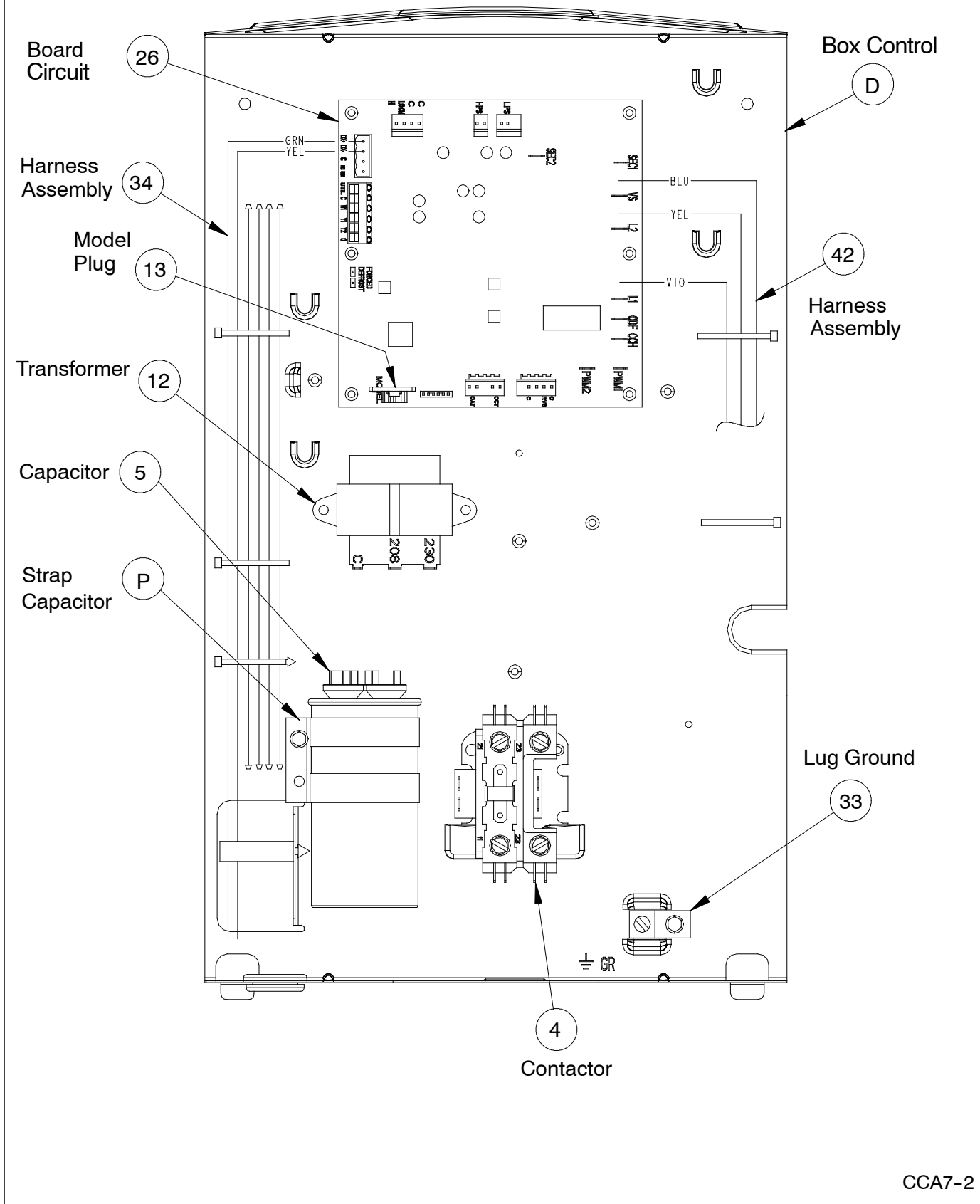


NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown. Please refer to Parts List for exact parts listing.



CCA7-1

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



CCA7-2