

TECHNICAL SUPPORT MANUAL

Split System Air Conditioner

(C,H,T)2A3

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:

 **WARNING**

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

 **CAUTION**

Signal Words on Product Labeling

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

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MODELS

C2A318GKD200	H2A318GKD200	T2A318GKD200
C2A324GKD200	H2A324GKD200	T2A324GKD200
C2A330GKD200	H2A330GKD200	T2A330GKD200
C2A336GKD200	H2A336GKD200	T2A336GKD200
C2A342GKD200	H2A342GKD200	T2A342GKD200
C2A348GKD200	H2A348GKD200	T2A348GKD200
C2A360GKD300	H2A360GKD300	T2A360GKD300

 **WARNING**

DEATH, PERSONAL INJURY, AND/OR PROPERTY DAMAGE HAZARD

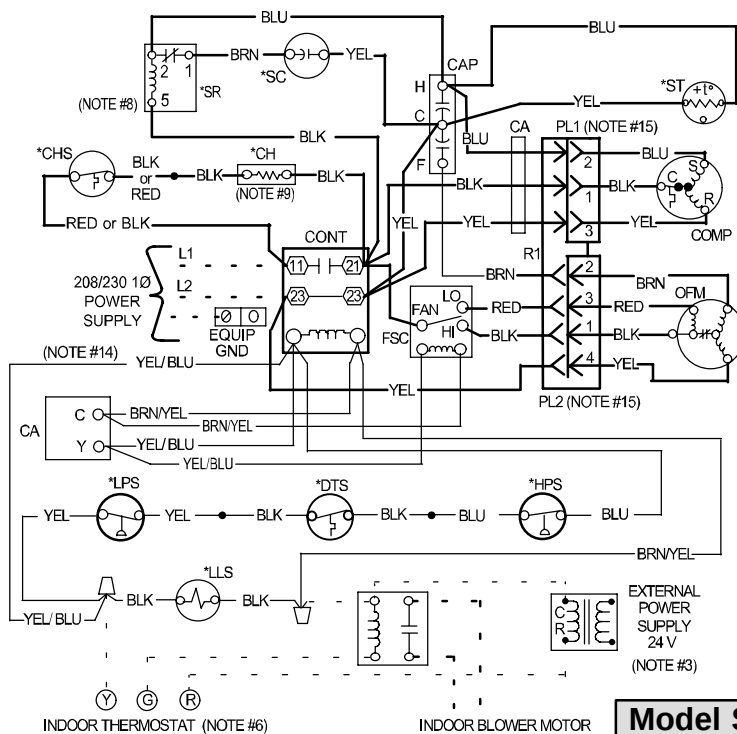
Failure to carefully read and follow this warning could result in equipment malfunction, property damage, personal injury and/or death.

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

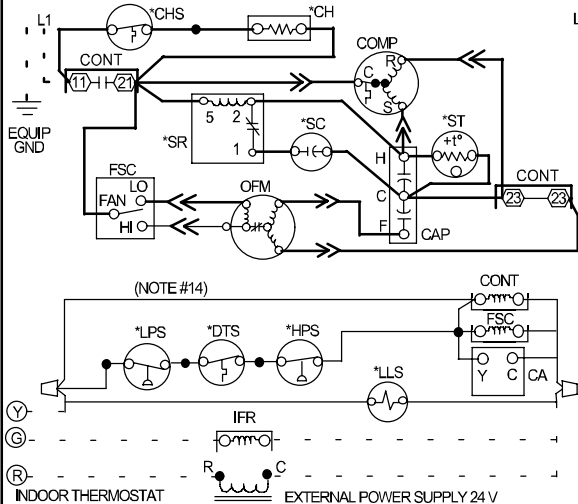
The information contained in this manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.

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.

CONNECTION DIAGRAM



SCHEMATIC DIAGRAM (LADDER FORM)



334998-101_A

-LEGEND-

—	FACTORY POWER WIRING
—	FACTORY CONTROL WIRING
- - -	FIELD CONTROL WIRING
- - -	FIELD POWER WIRING
○	CONDUCTOR ON CIRCUIT BOARD
○	COMPONENT CONNECTION
⋈	FIELD SPLICE
●	JUNCTION
⋈	PLUG RECEPTACLE
CA	COMFORT ALERT
CAP	CAPACITOR (DUAL RUN)
CB	CIRCUIT BOARD
*CH	CRANKCASE HEATER
*CHS	CRANKCASE HEATER SWITCH
COMP	COMPRESSOR
CONT	CONTACTOR
DFT	DEFROST THERMOSTAT
DR	DEFROST RELAY AND CIRCUITRY
*DTS	DISCHARGE TEMP SWITCH
FSC	FAN SPEED CONTROL
*HPS	HIGH PRESSURE SWITCH
*LLS	LIQ LINE SOLENOID VALVE
*LPS	LOW PRESSURE SWITCH
OFM	OUTDOOR FAN MOTOR
PL1	COMPRESSOR PLUG
PL2	OUTDOOR FAN PLUG
R1	RECEPTACLE
RVS	REVERSING VALVE SOLENOID
*SC	START CAPACITOR
*SR	START RELAY
*ST	START THERMISTOR

* MAY BE FACTORY INSTALLED

Model Sizes: 18, 24, 30, 36, 42, 48, 60

1. Symbols are electrical representation only.
2. Compressor and fan motor furnished with inherent thermal protection.
3. To be wired in accordance with National Electric N.E.C. and local codes.
4. N.E.C. class 2, 24 V circuit, min. 40 VA required, 60 VA on units installed with LLS.
5. Use copper conductors only. Use conductors suitable for at least 75°C (167°F).
6. Connection for typical cooling only thermostat. For other arrangements see installation instructions.
7. If indoor section has a transformer with a grounded secondary, connect the grounded side to the BRN/YEL lead.
8. When start capacitor and relay are installed, start thermistor is not used.
9. CH not used on all units.
10. If any of the original wire, as supplied, must be replaced, use the same or equivalent wire.
11. Check all electrical connections inside control box for tightness.
12. Do not attempt to operate unit until service valves have been opened.
13. Do not rapid cycle compressor. Compressor must be off 3 minutes to allow pressures to equalize between high and low side before starting.
14. Wire not present if HPS, LPS or CTD are used.
15. Not for interrupting current.

R-22 CHARGING CHART								
Measured Liquid Pressure (psig)	Rating Plate (required) Subcooling Temperature °F (°C)							
	°F 5	(°C) 3	°F 10	(°C) 6	°F 15	(°C) 8	°F 20	(°C) 11
	R-22 Required Liquid Line Temperature °F (°C)							
163	83	28	78	26	73	23	68	20
171	86	30	81	27	76	24	71	22
179	89	32	84	29	79	26	74	23
187	92	33	87	31	82	28	77	25
196	95	35	90	32	85	29	80	27
205	98	37	93	34	88	31	83	28
214	101	38	96	36	91	33	86	30
223	104	40	99	37	94	34	89	32
233	107	42	102	39	97	36	92	33
243	110	43	105	41	100	38	95	35
253	113	45	108	42	103	39	98	37
264	116	47	111	44	106	41	101	38
274	119	48	114	46	109	43	104	40
285	122	50	117	47	112	44	107	42
297	125	52	120	49	115	46	110	43
309	128	53	123	51	118	48	113	45

COOLING		18 Size Outdoor With EB*2X18B** Indoor Cooling																								
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature – Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
525	MBh†	20.54	18.52	17.04	16.80	16.32	19.64	17.66	16.22	16.02	15.69	18.79	16.85	15.43	15.28	15.09	17.98	16.09	14.69	14.60	14.52	17.22	15.37	14.00	13.99	13.98
	S/T‡	0.50	0.68	0.71	0.88	1.00	0.51	0.69	0.72	0.90	1.00	0.52	0.71	0.74	0.92	1.00	0.52	0.72	0.76	0.94	1.00	0.53	0.74	0.77	0.99	1.00
	AMPS*	5.34	5.41	5.46	5.47	5.48	5.86	5.92	5.95	5.95	5.96	6.45	6.49	6.50	6.50	6.50	7.12	7.13	7.12	7.12	7.12	7.89	7.87	7.84	7.84	7.84
	HI PR	169	166	164	164	163	197	194	192	192	191	228	225	222	222	222	263	259	256	255	255	300	296	292	292	292
	LO PR	88	80	74	73	72	90	82	76	75	74	91	83	77	77	76	92	84	78	78	78	94	86	80	80	80
600	MBh†	20.96	18.92	17.43	17.29	17.08	20.02	18.04	16.58	16.50	16.42	19.13	17.20	15.77	15.79	15.78	18.30	16.41	15.00	15.18	15.18	17.52	15.67	14.29	14.61	14.61
	S/T‡	0.52	0.71	0.74	0.92	1.00	0.53	0.73	0.76	0.94	1.00	0.53	0.74	0.77	0.99	1.00	0.54	0.76	0.79	1.00	1.00	0.55	0.78	0.81	1.00	1.00
	AMPS*	5.44	5.52	5.57	5.57	5.57	5.97	6.03	6.06	6.06	6.06	6.56	6.60	6.62	6.61	6.61	7.24	7.25	7.25	7.25	7.25	8.01	8.00	7.97	7.98	7.98
	HI PR	170	167	165	165	165	198	195	193	192	192	229	226	223	223	223	263	259	256	257	257	301	297	293	294	294
	LO PR	90	82	76	76	75	92	83	77	77	77	93	85	79	79	79	94	86	80	81	81	95	88	81	83	83
675	MBh†	21.27	19.23	17.73	17.75	17.72	20.29	18.32	16.85	17.01	17.02	19.39	17.46	16.03	16.35	16.35	18.54	16.66	15.25	15.72	15.72	17.73	15.91	14.52	15.12	15.12
	S/T‡	0.53	0.74	0.77	0.95	1.00	0.54	0.76	0.79	1.00	1.00	0.55	0.77	0.81	1.00	1.00	0.56	0.79	0.83	1.00	1.00	0.57	0.81	0.85	1.00	1.00
	AMPS*	5.54	5.62	5.68	5.67	5.67	6.07	6.13	6.17	6.17	6.17	6.67	6.71	6.73	6.73	6.73	7.35	7.37	7.37	7.37	7.37	8.13	8.12	8.10	8.11	8.11
	HI PR	170	167	165	166	166	199	196	193	193	193	230	226	224	224	224	264	260	257	258	258	302	297	294	296	296
	LO PR	92	84	78	78	78	93	85	79	80	80	94	86	80	82	82	96	88	82	84	84	97	89	83	86	86

† 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.)

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

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

COOLING		24 Size Outdoor With EB*2X24B** Indoor Cooling																								
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature – Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
700	MBh†	26.90	24.53	22.86	22.58	22.15	26.02	23.73	22.12	21.86	21.57	25.05	22.86	21.29	21.07	20.90	24.01	21.89	20.35	20.20	20.14	22.87	20.81	19.30	19.29	19.29
	S/T‡	0.50	0.68	0.71	0.88	1.00	0.51	0.69	0.72	0.90	1.00	0.52	0.70	0.73	0.91	1.00	0.52	0.72	0.75	0.93	1.00	0.53	0.74	0.76	1.00	1.00
	AMPS*	7.30	7.23	7.18	7.17	7.15	8.02	7.94	7.87	7.86	7.85	8.84	8.75	8.68	8.67	8.66	9.77	9.67	9.59	9.59	9.59	10.81	10.71	10.63	10.63	10.63
	HI PR	173	171	169	168	168	204	201	198	198	197	237	233	230	230	230	272	268	265	265	264	310	306	302	302	302
	LO PR	91	82	76	75	74	92	83	77	76	75	93	84	78	77	77	94	86	79	79	79	96	87	81	81	81
800	MBh†	27.33	24.94	23.26	23.12	23.01	26.41	24.12	22.49	22.40	22.38	25.40	23.20	21.62	21.67	21.67	24.32	22.20	20.66	20.88	20.88	23.15	21.10	19.59	20.00	20.00
	S/T‡	0.52	0.72	0.74	0.93	1.00	0.53	0.73	0.75	0.99	1.00	0.54	0.74	0.77	1.00	1.00	0.54	0.76	0.78	1.00	1.00	0.55	0.78	0.80	1.00	1.00
	AMPS*	7.48	7.41	7.35	7.35	7.35	8.20	8.12	8.05	8.05	8.05	9.02	8.93	8.86	8.86	8.86	9.95	9.85	9.78	9.79	9.79	10.99	10.89	10.81	10.84	10.84
	HI PR	174	171	169	169	169	205	201	199	199	199	237	234	231	231	231	273	269	266	266	266	311	307	303	304	304
	LO PR	93	84	78	78	77	94	85	79	79	79	95	86	80	80	80	96	88	81	82	82	97	89	82	84	84
900	MBh†	27.64	25.25	23.55	23.73	23.71	26.68	24.40	22.76	23.05	23.05	25.64	23.45	21.88	22.30	22.30	24.53	22.43	20.90	21.48	21.48	23.34	21.32	19.81	20.56	20.56
	S/T‡	0.54	0.75	0.77	1.00	1.00	0.55	0.76	0.79	1.00	1.00	0.55	0.78	0.80	1.00	1.00	0.56	0.80	0.82	1.00	1.00	0.58	0.82	0.84	1.00	1.00
	AMPS*	7.66	7.59	7.53	7.54	7.54	8.38	8.30	8.23	8.25	8.25	9.20	9.11	9.04	9.06	9.06	10.13	10.03	9.95	9.98	9.98	11.17	11.07	10.99	11.03	11.03
	HI PR	175	172	170	170	170	205	202	200	200	200	238	234	232	233	233	274	270	266	268	268	312	308	304	306	306
	LO PR	95	86	80	81	81	96	87	80	82	82	97	88	81	84	84	98	89	83	85	85	99	90	84	87	87

† 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.)

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

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

COOLING		30 Size Outdoor With EB*2X36F** Indoor Cooling																								
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature – Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
875	MBh†	32.76	29.88	27.87	27.53	27.06	31.66	28.89	26.92	26.62	26.30	30.53	27.80	25.86	25.62	25.45	29.33	26.65	24.75	24.59	24.56	28.08	25.45	23.58	23.61	23.61
	S/T‡	0.52	0.70	0.73	0.91	1.00	0.52	0.71	0.74	0.92	1.00	0.53	0.73	0.75	0.94	1.00	0.54	0.74	0.77	0.99	1.00	0.54	0.76	0.78	1.00	1.00
	AMPS*	9.13	9.07	8.99	8.97	8.95	10.00	9.95	9.88	9.86	9.85	10.97	10.93	10.86	10.85	10.84	12.06	12.03	11.96	11.95	11.95	13.30	13.28	13.20	13.20	13.20
	HI PR	184	180	177	177	176	214	210	206	206	206	247	242	238	238	238	283	277	273	273	273	322	316	311	312	312
	LO PR	90	82	76	75	73	91	83	77	76	75	93	84	78	77	77	94	85	79	79	79	95	87	80	81	81
1000	MBh†	33.24	30.34	28.31	28.18	28.07	32.12	29.32	27.33	27.24	27.27	30.93	28.20	26.25	26.38	26.38	29.70	27.02	25.11	25.44	25.44	28.42	25.80	23.91	24.45	24.46
	S/T‡	0.54	0.74	0.76	0.95	1.00	0.54	0.75	0.77	1.00	1.00	0.55	0.76	0.79	1.00	1.00	0.56	0.78	0.81	1.00	1.00	0.57	0.80	0.83	1.00	1.00
	AMPS*	9.34	9.29	9.21	9.21	9.21	10.20	10.17	10.10	10.10	10.10	11.16	11.15	11.08	11.09	11.09	12.25	12.24	12.18	12.20	12.20	13.49	13.49	13.43	13.45	13.45
	HI PR	185	181	178	178	178	215	211	207	207	207	248	243	239	240	240	284	278	274	275	275	323	317	312	314	314
	LO PR	92	84	77	77	77	93	85	78	79	79	94	86	79	80	80	96	87	81	82	82	97	88	82	84	84
1125	MBh†	33.58	30.69	28.65	28.93	28.89	32.41	29.64	27.65	28.06	28.06	31.21	28.50	26.54	27.13	27.14	29.96	27.30	25.38	26.16	26.16	28.65	26.06	24.17	25.14	25.14
	S/T‡	0.55	0.77	0.80	1.00	1.00	0.56	0.78	0.81	1.00	1.00	0.57	0.80	0.82	1.00	1.00	0.58	0.82	0.84	1.00	1.00	0.59	0.84	0.86	1.00	1.00
	AMPS*	9.53	9.50	9.43	9.46	9.45	10.39	10.38	10.32	10.34	10.34	11.35	11.35	11.30	11.32	11.32	12.44	12.45	12.40	12.43	12.43	13.68	13.69	13.65	13.68	13.68
	HI PR	185	182	179	179	179	216	211	208	209	209	249	244	240	242	242	285	279	275	277	277	324	318	313	316	316
	LO PR	94	85	79	80	80	95	86	80	82	82	96	87	81	83	83	97	89	82	85	85	98	90	83	87	87

† 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.)

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

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

COOLING		36 Size Outdoor With EB*2X36F** Indoor Cooling																								
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature – Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57					
1050	MBh†	39.31	35.87	33.37	32.92	32.17	37.99	34.65	32.22	31.82	31.27	36.55	33.31	30.95	30.63	30.27	34.98	31.84	29.55	29.32	29.15					
	S/T‡	0.52	0.70	0.72	0.90	1.00	0.52	0.71	0.74	0.92	1.00	0.53	0.72	0.75	0.93	1.00	0.54	0.73	0.76	0.95	1.00					
	AMPS	11.56	11.44	11.30	11.28	11.23	12.51	12.40	12.26	12.24	12.21	13.59	13.48	13.35	13.33	13.31	14.83	14.74	14.61	14.60	14.59					
	HI PR	164	162	161	161	160	194	191	189	189	189	226	223	221	220	220	260	257	254	254	254					
	LO PR	86	78	72	71	69	87	79	73	72	71	89	80	74	74	73	90	82	76	75	75					
1200	MBh†	39.89	36.44	33.93	33.69	33.42	38.52	35.18	32.75	32.58	32.46	37.03	33.80	31.44	31.35	31.40	35.42	32.30	30.00	30.22	30.22					
	S/T‡	0.53	0.73	0.76	0.94	1.00	0.54	0.74	0.77	0.96	1.00	0.55	0.75	0.78	1.00	1.00	0.55	0.77	0.80	1.00	1.00					
	AMPS	11.82	11.72	11.59	11.58	11.56	12.76	12.67	12.55	12.54	12.54	13.84	13.75	13.63	13.63	13.64	15.08	15.01	14.89	14.91	14.91					
	HI PR	165	163	161	161	161	194	192	190	190	190	226	223	221	221	221	261	258	255	256	256					
	LO PR	88	80	74	73	73	89	81	75	75	74	91	82	76	76	76	92	84	77	78	78					
1350	MBh†	40.31	36.89	34.38	34.40	34.45	38.90	35.58	33.16	33.43	33.43	37.37	34.17	31.82	32.31	32.32	35.72	32.63	30.35	31.08	31.08					
	S/T‡	0.55	0.76	0.79	1.00	1.00	0.56	0.77	0.80	1.00	1.00	0.56	0.79	0.81	1.00	1.00	0.57	0.81	0.83	1.00	1.00					
	AMPS	12.07	11.99	11.87	11.87	11.88	13.01	12.94	12.83	12.85	12.85	14.08	14.02	13.91	13.94	13.94	15.32	15.27	15.17	15.21	15.21					
	HI PR	165	163	162	162	162	195	192	190	191	191	227	224	222	222	222	261	258	256	257	257					
	LO PR	90	82	75	76	76	91	83	76	77	77	92	84	77	79	79	93	85	79	81	81					

† 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.)

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

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

COOLING		42 Size Outdoor With ED*4X42J** Indoor Cooling																								
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature – Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1225	MBh†	47.43	43.05	39.93	39.38	38.53	45.76	41.50	38.48	38.01	37.39	44.00	39.88	36.96	36.58	36.20	42.17	38.19	35.37	35.10	34.93	40.25	36.42	33.71	33.54	33.60
	S/T‡	0.53	0.71	0.74	0.92	1.00	0.53	0.73	0.75	0.94	1.00	0.54	0.74	0.77	0.96	1.00	0.55	0.75	0.78	0.98	1.00	0.56	0.77	0.80	1.00	1.00
	AMPS*	12.93	12.80	12.70	12.69	12.67	14.28	14.14	14.05	14.03	14.01	15.79	15.64	15.53	15.52	15.51	17.45	17.29	17.17	17.16	17.15	19.26	19.08	18.94	18.94	18.94
	HI PR	166	165	163	163	163	196	194	192	192	192	228	226	224	223	223	264	260	258	258	258	302	298	295	295	295
	LO PR	85	77	71	70	69	86	78	72	71	70	87	79	73	73	72	89	81	75	74	74	90	82	76	76	76
1400	MBh†	48.20	43.77	40.62	40.32	40.04	46.45	42.17	39.12	38.94	38.83	44.63	40.50	37.55	37.49	37.56	42.73	38.76	35.92	36.22	36.22	40.74	36.94	34.20	34.80	34.80
	S/T‡	0.54	0.75	0.77	0.97	1.00	0.55	0.76	0.79	0.98	1.00	0.56	0.77	0.80	1.00	1.00	0.57	0.79	0.82	1.00	1.00	0.58	0.81	0.84	1.00	1.00
	AMPS*	13.25	13.11	13.01	13.01	13.00	14.59	14.46	14.36	14.35	14.35	16.10	15.95	15.84	15.85	15.85	17.76	17.60	17.48	17.50	17.50	19.57	19.40	19.26	19.30	19.30
	HI PR	167	165	164	164	164	197	194	193	193	193	229	226	224	224	224	264	261	259	259	259	302	299	296	297	297
	LO PR	87	79	73	72	72	88	80	74	74	74	89	81	75	75	75	90	82	76	77	77	92	84	78	79	79
1575	MBh†	48.78	44.37	41.19	41.24	41.30	46.97	42.72	39.65	40.02	40.02	45.10	41.00	38.03	38.68	38.68	43.15	39.21	36.35	37.27	37.27	41.10	37.34	34.60	35.78	35.79
	S/T‡	0.56	0.78	0.81	1.00	1.00	0.57	0.79	0.82	1.00	1.00	0.58	0.81	0.84	1.00	1.00	0.59	0.83	0.86	1.00	1.00	0.60	0.85	0.88	1.00	1.00
	AMPS*	13.55	13.42	13.32	13.32	13.33	14.90	14.76	14.66	14.68	14.68	16.41	16.26	16.15	16.18	16.18	18.07	17.91	17.79	17.83	17.83	19.88	19.71	19.58	19.64	19.64
	HI PR	167	165	164	164	164	197	195	193	193	193	229	227	225	225	225	265	262	259	260	260	303	299	297	298	298
	LO PR	88	80	74	75	75	89	81	75	76	76	91	83	77	78	78	92	84	78	80	80	93	85	79	82	82

† 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.)

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

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

COOLING		48 Size Outdoor With EB*4X48J** Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Wet Bulb																			
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57
1400	MBh†	54.29	49.26	44.79	43.36	52.13	47.24	42.95	41.90	49.95	45.19	41.11	40.41	47.78	43.16	39.27	38.91	45.58	41.08	37.46	37.37
	S/T‡	0.52	0.70	0.91	1.00	0.53	0.71	0.93	1.00	0.53	0.73	0.95	1.00	0.54	0.74	0.97	1.00	0.55	0.76	0.99	1.00
	AMPS *	14.87	14.70	14.54	14.49	16.14	15.95	15.77	15.72	17.58	17.35	17.13	17.09	19.18	18.91	18.66	18.63	20.95	20.63	20.34	20.33
	HI PR	168	166	164	164	197	195	193	192	229	227	224	223	265	261	258	258	303	299	295	295
	LO PR	86	78	71	69	87	80	73	71	89	81	74	73	90	82	76	75	91	84	77	77
1600	MBh†	55.34	50.23	45.90	45.23	53.08	48.13	44.03	43.66	50.82	46.00	42.18	42.08	48.57	43.90	40.47	40.48	46.28	41.76	38.85	38.86
	S/T‡	0.54	0.73	0.95	1.00	0.54	0.74	0.97	1.00	0.55	0.76	0.99	1.00	0.56	0.78	1.00	1.00	0.57	0.80	1.00	1.00
	AMPS *	15.23	15.06	14.91	14.88	16.51	16.31	16.14	16.12	17.94	17.72	17.52	17.51	19.55	19.28	19.07	19.07	21.33	21.02	20.79	20.79
	HI PR	168	166	165	164	198	195	193	193	230	227	225	225	265	262	259	259	303	299	297	297
	LO PR	88	80	74	73	89	81	75	74	91	83	76	76	92	84	78	78	93	85	80	80
1800	MBh†	56.11	50.96	46.90	46.76	53.78	48.79	45.07	45.12	51.45	46.61	43.45	43.45	49.13	44.45	41.77	41.77	46.79	42.27	40.06	40.07
	S/T‡	0.55	0.76	0.98	1.00	0.56	0.78	1.00	1.00	0.57	0.79	1.00	1.00	0.58	0.81	1.00	1.00	0.59	0.83	1.00	1.00
	AMPS *	15.58	15.41	15.27	15.26	16.86	16.66	16.51	16.51	18.30	18.07	17.91	17.91	19.91	19.65	19.49	19.49	21.69	21.39	21.22	21.22
	HI PR	169	167	165	165	198	196	194	194	231	228	226	226	266	263	260	260	304	300	298	298
	LO PR	90	82	76	75	91	83	77	77	92	84	79	79	93	85	81	81	95	87	83	83

† 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.)

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

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

COOLING		60 Size Outdoor With EB*2X60L Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Wet Bulb																			
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57
1700	MBh†	66.33	60.54	55.46	53.96	63.89	58.32	53.47	52.35	61.36	56.00	51.40	50.65	58.72	53.56	49.23	48.83	55.92	50.96	46.95	46.86
	S/T‡	0.52	0.69	0.90	1.00	0.52	0.70	0.91	1.00	0.53	0.72	0.93	1.00	0.53	0.73	0.95	1.00	0.54	0.75	0.97	1.00
	AMPS *	18.87	18.56	18.25	18.16	20.49	20.21	19.93	19.86	22.40	22.13	21.86	21.81	24.66	24.40	24.12	24.09	27.33	27.05	26.77	26.76
	HI PR	181	178	175	174	211	208	205	204	244	240	237	236	280	276	272	272	319	314	310	310
	LO PR	88	79	72	70	89	81	73	72	90	82	75	74	92	83	76	76	93	85	78	78
1950	MBh†	67.45	61.64	56.80	56.20	64.90	59.32	54.78	54.47	62.27	56.91	52.71	52.65	59.53	54.38	50.70	50.71	56.63	51.69	48.61	48.61
	S/T‡	0.53	0.73	0.94	1.00	0.54	0.74	0.96	1.00	0.55	0.75	0.99	1.00	0.56	0.77	1.00	1.00	0.57	0.79	1.00	1.00
	AMPS *	19.35	19.05	18.77	18.73	20.96	20.69	20.44	20.42	22.86	22.61	22.37	22.37	25.12	24.87	24.65	24.65	27.79	27.53	27.33	27.33
	HI PR	182	179	176	176	212	209	206	205	245	241	238	238	281	277	274	274	320	315	312	312
	LO PR	90	81	75	74	91	83	76	75	92	84	77	77	94	85	79	79	95	86	81	81
2200	MBh†	68.26	62.46	57.95	58.01	65.61	60.05	56.18	56.18	62.90	57.57	54.25	54.26	60.08	54.97	52.20	52.20	57.10	52.22	50.00	50.00
	S/T‡	0.55	0.76	1.00	1.00	0.56	0.77	1.00	1.00	0.57	0.79	1.00	1.00	0.58	0.81	1.00	1.00	0.59	0.83	1.00	1.00
	AMPS *	19.81	19.53	19.27	19.27	21.41	21.16	20.95	20.95	23.31	23.08	22.90	22.90	25.56	25.34	25.18	25.18	28.23	27.99	27.86	27.86
	HI PR	182	179	177	177	213	209	207	207	246	242	240	240	282	278	275	275	321	316	314	314
	LO PR	92	83	77	77	93	84	79	79	94	85	80	80	95	87	82	82	97	88	84	84

† 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.)

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

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

Data for Condenser Only (Cooling)									
Saturated Suction Temperature °F		Condenser Entering Air Temperature °F							
		55	65	75	85	95	105	115	125
(C,H,T)2A318									
30	TCG	14.70	13.50	12.40	11.30	10.30	9.40	8.50	7.60
	SDT	74.80	83.80	92.90	102.30	111.90	121.60	131.50	141.40
	KW	0.90	0.98	1.07	1.16	1.26	1.37	1.49	1.60
35	TCG	16.60	15.40	14.20	13.10	12.00	11.00	10.20	9.30
	SDT	76.70	85.80	94.80	104.20	113.80	123.60	133.70	143.90
	KW	0.89	0.98	1.07	1.18	1.29	1.41	1.55	1.71
40	TCG	18.70	17.40	16.20	15.00	13.80	12.80	11.90	11.10
	SDT	78.60	87.60	96.80	106.10	115.80	125.60	135.70	146.20
	KW	0.88	0.97	1.07	1.18	1.31	1.45	1.61	1.79
45	TCG	20.90	19.60	18.30	17.00	15.80	14.70	13.80	12.90
	SDT	80.40	89.40	98.60	107.90	117.60	127.50	137.70	148.30
	KW	0.86	0.96	1.07	1.19	1.32	1.47	1.65	1.86
50	TCG	23.30	21.90	20.50	19.20	17.90	16.80	15.80	14.90
	SDT	82.40	91.20	100.30	109.70	119.40	129.30	139.60	150.10
	KW	0.84	0.95	1.06	1.18	1.33	1.49	1.68	1.90
55	TCG	25.90	24.40	22.90	21.50	20.20	19.00	17.90	16.90
	SDT	84.40	93.10	102.10	111.40	121.20	131.10	141.30	151.80
	KW	0.82	0.93	1.04	1.17	1.33	1.50	1.70	1.93
(C,H,T)2A324									
30	TCG	19.70	19.00	18.20	17.20	16.00	14.60	12.90	11.10
	SDT	77.90	87.30	96.80	106.30	115.60	124.70	133.70	142.40
	KW	1.09	1.21	1.35	1.51	1.69	1.91	2.15	2.41
35	TCG	21.90	21.10	20.20	19.20	17.90	16.50	14.90	13.10
	SDT	80.00	89.40	98.80	108.20	117.60	126.90	135.90	144.80
	KW	1.11	1.23	1.37	1.53	1.72	1.93	2.18	2.45
40	TCG	24.10	23.20	22.30	21.20	20.00	18.60	16.90	15.10
	SDT	82.20	91.50	100.80	110.30	119.70	129.00	138.10	147.20
	KW	1.13	1.25	1.39	1.55	1.74	1.96	2.21	2.48
45	TCG	26.60	25.50	24.50	23.40	22.10	20.70	19.00	17.20
	SDT	84.50	93.70	103.00	112.30	121.70	131.00	140.30	149.40
	KW	1.14	1.27	1.41	1.58	1.77	1.99	2.24	2.52
50	TCG	29.20	28.00	26.80	25.60	24.30	22.80	21.20	19.40
	SDT	86.90	95.90	105.20	114.40	123.80	133.10	142.30	151.50
	KW	1.16	1.29	1.44	1.61	1.80	2.02	2.27	2.55
55	TCG	32.00	30.70	29.40	28.00	26.60	25.10	23.50	21.60
	SDT	89.40	98.20	107.40	116.60	125.90	135.10	144.40	153.60
	KW	1.18	1.31	1.46	1.64	1.83	2.06	2.31	2.59

TCG = Gross Cooling Capacity (x 1000 BTU/hr)

SDT = Saturated Temperature Leaving Compressor

kW = Outdoor Unit Kilowatts

Data for Condenser Only (Cooling)									
Saturated Suction Temperature °F		Condenser Entering Air Temperature °F							
		55	65	75	85	95	105	115	125
(C,H,T)2A330									
30	TCG	25.20	24.20	23.10	21.90	20.60	19.30	17.80	16.40
	SDT	73.50	82.90	92.20	101.60	110.90	120.20	129.50	138.70
	KW	1.32	1.49	1.67	1.86	2.06	2.29	2.54	2.82
35	TCG	28.00	26.80	25.50	24.20	22.80	21.30	19.80	18.20
	SDT	75.50	84.70	93.90	103.20	112.50	121.70	130.90	140.10
	KW	1.34	1.52	1.70	1.89	2.10	2.33	2.59	2.88
40	TCG	31.00	29.60	28.10	26.60	25.10	23.50	21.90	20.20
	SDT	77.40	86.60	95.70	104.90	114.10	123.20	132.40	141.50
	KW	1.38	1.55	1.73	1.93	2.14	2.38	2.64	2.94
45	TCG	34.00	32.40	30.80	29.20	27.60	25.90	24.10	22.40
	SDT	79.40	88.50	97.60	106.70	115.80	124.90	134.00	143.10
	KW	1.41	1.59	1.77	1.96	2.18	2.42	2.69	3.00
50	TCG	37.10	35.40	33.70	31.90	30.20	28.40	26.60	24.70
	SDT	81.50	90.50	99.50	108.50	117.60	126.70	135.70	144.80
	KW	1.44	1.61	1.79	1.99	2.21	2.45	2.72	3.03
55	TCG	40.30	38.50	36.60	34.80	32.90	31.00	29.10	27.20
	SDT	83.60	92.50	101.50	110.50	119.50	128.50	137.50	146.50
	KW	1.46	1.63	1.81	2.00	2.22	2.46	2.74	3.05
(C,H,T)2A336									
30	TCG	30.10	29.00	27.70	26.30	24.80	23.00	21.10	19.00
	SDT	73.40	82.30	91.20	100.30	109.30	118.40	127.50	136.40
	KW	1.63	1.81	2.00	2.20	2.43	2.70	3.01	3.37
35	TCG	33.50	32.10	30.70	29.20	27.50	25.60	23.60	21.40
	SDT	75.40	84.10	92.90	101.80	110.80	119.80	128.80	137.70
	KW	1.67	1.85	2.04	2.24	2.47	2.73	3.04	3.40
40	TCG	37.00	35.50	33.90	32.20	30.40	28.40	26.30	24.00
	SDT	77.60	86.10	94.70	103.50	112.40	121.30	130.20	139.10
	KW	1.73	1.90	2.09	2.29	2.51	2.78	3.08	3.44
45	TCG	40.60	38.90	37.20	35.40	33.40	31.30	29.10	26.70
	SDT	79.80	88.10	96.60	105.30	114.00	122.90	131.70	140.50
	KW	1.77	1.95	2.13	2.33	2.56	2.82	3.13	3.49
50	TCG	44.30	42.50	40.60	38.60	36.50	34.30	32.00	29.40
	SDT	82.00	90.10	98.50	107.10	115.70	124.50	133.20	142.00
	KW	1.81	1.98	2.16	2.37	2.59	2.86	3.17	3.53
55	TCG	48.00	46.00	44.00	41.90	39.70	37.40	34.90	32.30
	SDT	84.10	92.10	100.40	108.80	117.40	126.10	134.70	143.40
	KW	1.82	1.99	2.18	2.38	2.61	2.87	3.18	3.55

TCG = Gross Cooling Capacity (x 1000 BTU/hr)

SDT = Saturated Temperature Leaving Compressor

kW = Outdoor Unit Kilowatts

Data for Condenser Only (Cooling)									
Saturated Suction Temperature ° F		Condenser Entering Air Temperature ° F							
		55	65	75	85	95	105	115	125
(C,H,T)2A342									
30	TCG	34.10	32.70	31.10	29.60	28.80	26.30	24.70	22.90
	SDT	72.90	81.90	91.00	100.10	104.80	118.70	128.00	137.40
	KW	1.96	2.19	2.44	2.72	2.88	3.38	3.75	4.15
35	TCG	37.60	36.00	34.30	32.70	31.80	29.20	27.40	25.50
	SDT	74.60	83.50	92.50	101.60	106.20	120.00	129.30	138.60
	KW	1.99	2.22	2.47	2.75	2.90	3.41	3.79	4.20
40	TCG	41.20	39.50	37.80	36.00	35.00	32.20	30.30	28.30
	SDT	76.50	85.20	94.10	103.10	107.60	121.40	130.60	139.80
	KW	2.02	2.25	2.50	2.78	2.94	3.45	3.83	4.24
45	TCG	45.20	43.30	41.40	39.50	38.50	35.40	33.40	31.20
	SDT	78.40	87.00	95.80	104.70	109.20	122.80	132.00	141.10
	KW	2.06	2.28	2.53	2.82	2.97	3.48	3.87	4.28
50	TCG	49.30	47.30	45.30	43.20	42.10	38.80	36.60	34.30
	SDT	80.50	89.00	97.60	106.40	110.80	124.30	133.40	142.50
	KW	2.09	2.32	2.57	2.85	3.01	3.52	3.91	4.33
55	TCG	53.80	51.60	49.40	47.10	46.00	42.40	40.00	37.50
	SDT	82.60	91.00	99.50	108.20	112.60	125.90	134.90	143.90
	KW	2.13	2.36	2.61	2.89	3.05	3.56	3.95	4.37
(C,H,T)2A348									
30	TCG	43.30	40.70	38.10	35.60	33.10	30.50	28.00	25.60
	SDT	72.60	81.40	90.20	99.20	108.30	117.40	126.60	135.90
	KW	2.32	2.53	2.75	3.00	3.26	3.54	3.84	4.15
35	TCG	48.10	45.40	42.70	40.00	37.30	34.70	32.00	29.40
	SDT	74.50	83.10	91.90	100.80	109.80	119.00	128.10	137.30
	KW	2.36	2.57	2.80	3.06	3.34	3.64	3.96	4.30
40	TCG	53.30	50.40	47.50	44.70	41.80	39.00	36.20	33.40
	SDT	76.50	85.00	93.70	102.50	111.50	120.50	129.60	138.80
	KW	2.39	2.61	2.85	3.11	3.41	3.73	4.07	4.44
45	TCG	58.90	55.80	52.70	49.60	46.60	43.60	40.70	37.70
	SDT	78.60	87.00	95.60	104.30	113.20	122.20	131.20	140.30
	KW	2.43	2.65	2.89	3.17	3.47	3.80	4.17	4.56
50	TCG	64.80	61.40	58.10	54.80	51.60	48.40	45.30	42.10
	SDT	80.80	89.10	97.50	106.10	115.00	123.90	132.90	141.90
	KW	2.47	2.69	2.94	3.22	3.53	3.88	4.26	4.67
55	TCG	71.00	67.30	63.80	60.20	56.80	53.40	50.10	46.70
	SDT	83.00	91.30	99.60	108.10	116.80	125.60	134.60	143.50
	KW	2.51	2.73	2.99	3.27	3.59	3.95	4.34	4.77

TCG = Gross Cooling Capacity (x 1000 BTU/hr)

SDT = Saturated Temperature Leaving Compressor

kW = Outdoor Unit Kilowatts

Data for Condenser Only (Cooling)									
Saturated Suction Temperature °F		Condenser Entering Air Temperature °F							
		55	65	75	85	95	105	115	125
(C,H,T)2A360									
30	TCG	52.00	49.50	47.10	44.60	41.90	39.10	36.10	32.80
	SDT	75.00	83.90	93.00	102.20	111.30	120.50	129.60	138.60
	KW	2.71	3.02	3.35	3.71	4.12	4.58	5.10	5.71
35	TCG	57.40	54.70	52.00	49.30	46.50	43.50	40.30	37.00
	SDT	77.00	85.80	94.80	103.90	113.00	122.10	131.10	140.10
	KW	2.79	3.09	3.41	3.77	4.18	4.65	5.19	5.81
40	TCG	63.20	60.20	57.30	54.40	51.30	48.20	44.80	41.30
	SDT	79.10	87.80	96.70	105.60	114.70	123.70	132.70	141.70
	KW	2.88	3.17	3.49	3.85	4.26	4.74	5.29	5.93
45	TCG	69.30	66.00	62.80	59.60	56.40	53.00	49.50	45.80
	SDT	81.30	89.90	98.60	107.50	116.40	125.40	134.40	143.30
	KW	2.98	3.26	3.57	3.93	4.34	4.82	5.39	6.03
50	TCG	75.60	72.00	68.50	65.10	61.60	58.00	54.20	50.30
	SDT	83.50	92.00	100.60	109.40	118.20	127.10	136.00	144.90
	KW	3.08	3.34	3.65	4.00	4.42	4.90	5.47	6.14
55	TCG	82.00	78.10	74.30	70.50	66.80	63.00	59.00	54.90
	SDT	85.70	94.10	102.60	111.30	120.00	128.90	137.70	146.50
	KW	3.17	3.42	3.72	4.06	4.48	4.97	5.55	6.22

TCG = Gross Cooling Capacity (x 1000 BTU/hr)

SDT = Saturated Temperature Leaving Compressor

kW = Outdoor Unit Kilowatts

COOLING Multiplying Factors for other Indoor Combinations

Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2A318											
>EB*2X18B**		1.00	1.00	ED*2X18B**		1.00	1.00	EHD2X24A**	*9MVX060	1.05	0.96
EB*2X18B**	*8MPV050	1.00	0.94	ED*2X24B**	*8MPV050	1.05	0.96	EHD2X24A**	MV08B15**B*	1.00	0.92
EB*2X18B**	MV08B15**B*	1.00	0.94	ED*2X24B**	MV08B15**B*	1.00	0.92	EHD2X24A**		1.00	1.00
EB*2X24B**	*8MPV050	1.01	0.93	ED*2X24B**		1.00	1.00	EMA2X24D**		1.00	1.00
EB*2X24B**	MV08B15**B*	1.00	0.92	ED*2X24F**	*9MPV050	1.06	0.98	FEM2X18***		1.00	0.94
EB*2X24B**		1.00	1.00	ED*2X24F**	*9MPV075	1.08	0.99	FEM2X24***		1.00	0.92
EB*2X24F**	*9MPV050	1.06	0.98	ED*2X24F**		1.00	1.00	FS(M,U)2X18***		1.00	1.00
EB*2X24F**	*9MPV075	1.08	0.99	EHD2X24A**	*8MPV050	1.00	0.92	FS(M,U)2X24***		1.00	1.00
EB*2X24F**		1.00	1.00	EHD2X24A**	*9MPV050	1.00	0.92	FSA2X18***		1.00	1.00
ED*2X18B**	*8MPV050	1.00	0.94	EHD2X24A**	*9MPV075	1.00	0.92	FSA2X24***		1.00	0.98
ED*2X18B**	MV08B15**B*	1.00	0.94	EHD2X24A**	*9MVX040	1.05	0.99	FVM2X24***		0.99	0.91
(C,H,T)2A324											
>EB*2X24B**		1.00	1.00	ED*2X24F**	*9MVX060	1.00	0.93	EHD2X24A**		1.00	1.00
EB*2X24B**	*8MPV050	1.00	0.96	ED*2X24F**	MV12F19**B*	1.00	0.92	EHD2X30A**	*8MPV050	1.00	0.96
EB*2X24B**	MV08B15**B*	1.00	0.92	ED*2X24F**		1.00	1.00	EHD2X30A**	*8MPV075	1.00	0.93
EB*2X24F**	*8MPV075	1.00	0.93	ED*2X30B**	*8MPV050	1.00	0.96	EHD2X30A**	*8MPV100	1.00	0.92
EB*2X24F**	*9MPV050	1.00	0.93	ED*2X30B**	MV08B15**B*	1.00	0.92	EHD2X30A**	*8MPV125	1.00	0.92
EB*2X24F**	*9MPV075	1.00	0.93	ED*2X30B**		1.00	1.00	EHD2X30A**	*9MPV050	1.00	0.93
EB*2X24F**	*9MVX040	0.99	0.93	ED*2X30F**	*8MPV075	1.00	0.93	EHD2X30A**	*9MPV075	1.00	0.93
EB*2X24F**	*9MVX060	1.00	0.93	ED*2X30F**	*9MPV050	1.00	0.93	EHD2X30A**	*9MPV100	1.00	0.93
EB*2X24F**	MV12F19**B*	1.00	0.92	ED*2X30F**	*9MPV075	1.00	0.93	EHD2X30A**	*9MPV125	1.00	0.92
EB*2X24F**		1.00	1.00	ED*2X30F**	*9MVX040	1.00	0.93	EHD2X30A**	*9MVX040	1.00	0.93
EB*2X30B**	*8MPV050	1.00	0.96	ED*2X30F**	*9MVX060	1.01	0.94	EHD2X30A**	*9MVX060	1.01	0.94

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EB*2X30B**	MV08B15**B*	1.00	0.92	ED*2X30F**	MV12F19**B*	1.00	0.92	EHD2X30A**	*9MVX080	1.01	0.93
EB*2X30B**		1.00	1.00	ED*2X30F**		1.00	1.00	EHD2X30A**	*9MVX100	1.01	0.93
EB*2X30F**	*8MPV075	1.00	0.93	EHD2X24A**	*8MPV050	1.00	0.96	EHD2X30A**	MV08B15**B*	1.00	0.92
EB*2X30F**	*9MPV050	1.00	0.93	EHD2X24A**	*8MPV075	1.00	0.93	EHD2X30A**	MV12F19**B*	1.00	0.92
EB*2X30F**	*9MPV075	1.00	0.93	EHD2X24A**	*8MPV100	1.00	0.93	EHD2X30A**		1.00	1.00
EB*2X30F**	*9MVX040	1.00	0.93	EHD2X24A**	*8MPV125	1.00	0.92	EMA2X24D**		1.00	1.00
EB*2X30F**	*9MVX060	1.01	0.94	EHD2X24A**	*9MPV050	1.00	0.93	FEM2X24****		1.00	0.93
EB*2X30F**	MV12F19**B*	1.00	0.92	EHD2X24A**	*9MPV075	1.00	0.93	FEM2X30****		1.00	0.92
EB*2X30F**		1.00	1.00	EHD2X24A**	*9MPV100	1.00	0.93	FS(M,U)2X24****		0.99	0.99
ED*2X24B**	*8MPV050	1.00	0.96	EHD2X24A**	*9MPV125	1.00	0.93	FS(M,U)2X30****		1.00	0.97
ED*2X24B**	MV08B15**B*	1.00	0.92	EHD2X24A**	*9MVX040	0.99	0.93	FSA2X24****		0.98	1.00
ED*2X24B**		1.00	1.00	EHD2X24A**	*9MVX060	1.00	0.93	FSA2X30****		0.99	1.01
ED*2X24F**	*8MPV075	1.00	0.93	EHD2X24A**	*9MVX080	1.01	0.94	FVM2X24****		0.98	0.92
ED*2X24F**	*9MPV050	1.00	0.93	EHD2X24A**	*9MVX100	1.01	0.93	FVM2X36****		1.00	0.92
ED*2X24F**	*9MPV075	1.00	0.93	EHD2X24A**	MV08B15**B*	1.00	0.92				
ED*2X24F**	*9MVX040	0.99	0.93	EHD2X24A**	MV12F19**B*	1.00	0.92				
(C,H,T)2A330											
>EB*2X36F**		1.00	1.00	ED*2X30F**	*9MPV075	0.99	0.95	EHD2X30A**	*9MVX080	0.99	0.95
EB*2X30B**	*8MPV050	0.99	0.99	ED*2X30F**	*9MVX040	0.99	0.95	EHD2X30A**	*9MVX100	0.99	0.93
EB*2X30B**	MV08B15**B*	1.00	0.92	ED*2X30F**	*9MVX060	0.99	0.95	EHD2X30A**	MV08B15**B*	1.00	0.92
EB*2X30B**		0.98	0.98	ED*2X30F**	MV12F19**B*	1.00	0.90	EHD2X30A**	MV12F19**B*	1.00	0.90
EB*2X30F**	*8MPV075	1.00	0.94	ED*2X30F**		0.98	0.98	EHD2X30A**		0.99	0.99
EB*2X30F**	*9MPV050	0.99	0.95	ED*2X36B**	*8MPV050	1.00	1.00	EHD2X36A**	*8MPV050	1.00	0.96
EB*2X30F**	*9MPV075	0.99	0.95	ED*2X36B**	MV08B15**B*	1.00	0.92	EHD2X36A**	*8MPV075	1.00	0.92

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EB*2X30F**	*9MVX040	0.99	0.95	ED*2X36B**		1.00	1.00	EHD2X36A**	*8MPV100	1.00	0.90
EB*2X30F**	*9MVX060	0.99	0.95	ED*2X36F**	*8MPV075	1.00	0.94	EHD2X36A**	*8MPV125	1.00	0.90
EB*2X30F**	MV12F19**B*	1.00	0.90	ED*2X36F**	*9MPV050	1.00	0.96	EHD2X36A**	*9MPV050	1.00	0.94
EB*2X30F**		0.98	0.98	ED*2X36F**	*9MPV075	1.00	0.96	EHD2X36A**	*9MPV075	1.00	0.94
EB*2X36B**	*8MPV050	1.00	1.00	ED*2X36F**	*9MVX040	1.00	0.96	EHD2X36A**	*9MPV100	1.00	0.92
EB*2X36B**	MV08B15**B*	1.00	0.92	ED*2X36F**	*9MVX060	1.00	0.96	EHD2X36A**	*9MPV125	1.00	0.92
EB*2X36B**		1.00	1.00	ED*2X36F**	MV12F19**B*	1.00	0.90	EHD2X36A**	*9MVX040	1.00	0.96
EB*2X36F**	*8MPV075	1.00	0.94	ED*2X36F**		1.00	1.00	EHD2X36A**	*9MVX060	1.00	0.96
EB*2X36F**	*9MPV050	1.00	0.96	ED*2X36J**	*8MPV100	1.00	0.92	EHD2X36A**	*9MVX080	1.00	0.92
EB*2X36F**	*9MPV075	1.00	0.96	ED*2X36J**	*8MPV125	1.00	0.92	EHD2X36A**	*9MVX100	1.00	0.92
EB*2X36F**	*9MVX040	1.00	0.96	ED*2X36J**	*9MPV100	1.00	0.92	EHD2X36A**	MV08B15**B*	1.00	0.90
EB*2X36F**	*9MVX060	1.00	0.96	ED*2X36J**	*9MVX080	1.00	0.92	EHD2X36A**	MV12F19**B*	1.00	0.90
EB*2X36F**	MV12F19**B*	1.00	0.90	ED*2X36J**		1.00	1.00	EHD2X36A**		1.00	1.00
EB*2X36J**	*8MPV100	1.00	0.92	EHD2X30A**	*8MPV050	1.00	1.00	EMA2X36D**		1.00	1.00
EB*2X36J**	*8MPV125	1.00	0.92	EHD2X30A**	*8MPV075	1.00	0.94	FEM2X30****		0.99	0.97
EB*2X36J**	*9MPV100	1.00	0.92	EHD2X30A**	*8MPV100	1.00	0.92	FEM2X35****		1.00	0.96
EB*2X36J**	*9MVX080	1.00	0.92	EHD2X30A**	*8MPV125	1.00	0.92	FEM2X36****		1.00	0.94
EB*2X36J**		1.00	1.00	EHD2X30A**	*9MPV050	0.99	0.95	FS(M,U)2X30****		0.98	0.98
ED*2X30B**	*8MPV050	0.99	0.99	EHD2X30A**	*9MPV075	0.99	0.95	FSA2X36****		1.00	1.00
ED*2X30B**	MV08B15**B*	1.00	0.92	EHD2X30A**	*9MPV100	1.00	0.94	FSM2X36****		1.00	1.00
ED*2X30B**		0.98	0.98	EHD2X30A**	*9MPV125	1.00	0.94	FVM2X24****		0.98	0.92
ED*2X30F**	*8MPV075	1.00	0.94	EHD2X30A**	*9MVX040	0.99	0.95	FVM2X36****		1.00	0.90
ED*2X30F**	*9MPV050	0.99	0.95	EHD2X30A**	*9MVX060	0.99	0.95	FVM2X48****		1.00	0.90

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2A336											
>EB*2X36F**		1.00	1.00	ED*2X36F**	*9MVX040	1.02	1.02	EHD2X36A**	*9MVX080	1.02	0.97
EB*2X36B**	MV08B15**B*	1.00	0.93	ED*2X36F**	*9MVX060	1.02	0.97	EHD2X36A**	*9MVX100	1.04	0.97
EB*2X36B**		0.99	0.99	ED*2X36F**	MV12F19**B*	1.01	0.92	EHD2X36A**	MV08B15**B*	0.99	0.93
EB*2X36F**	*8MPV075	1.00	0.96	ED*2X36F**		1.00	1.00	EHD2X36A**	MV12F19**B*	1.00	0.92
EB*2X36F**	*9MPV050	0.99	0.99	ED*2X36J**	*8MPV100	1.02	0.95	EHD2X36A**	MV16J22**B*	1.00	0.92
EB*2X36F**	*9MPV075	0.99	0.97	ED*2X36J**	*8MPV125	1.02	0.95	EHD2X36A**	MV20L24**B*	1.00	0.92
EB*2X36F**	*9MVX040	1.02	1.02	ED*2X36J**	*9MPV100	1.01	0.94	EHD2X36A**		1.00	1.00
EB*2X36F**	*9MVX060	1.02	0.97	ED*2X36J**	*9MVX080	1.02	0.97	EHD2X42A**	*8MPV050	0.99	0.95
EB*2X36F**	MV12F19**B*	1.01	0.92	ED*2X36J**	MV16J22**B*	1.01	0.92	EHD2X42A**	*8MPV075	1.01	0.97
EB*2X36J**	*8MPV100	1.02	0.95	ED*2X36J**		1.00	1.00	EHD2X42A**	*8MPV100	1.02	0.96
EB*2X36J**	*8MPV125	1.02	0.95	ED*2X42F**	*8MPV075	1.01	0.97	EHD2X42A**	*8MPV125	1.02	0.96
EB*2X36J**	*9MPV100	1.01	0.94	ED*2X42F**	*9MPV050	1.00	0.97	EHD2X42A**	*9MPV050	1.00	0.96
EB*2X36J**	*9MVX080	1.02	0.97	ED*2X42F**	*9MPV075	1.00	0.96	EHD2X42A**	*9MPV075	1.01	0.96
EB*2X36J**	MV16J22**B*	1.01	0.92	ED*2X42F**	*9MVX040	1.03	1.00	EHD2X42A**	*9MPV100	1.02	0.97
EB*2X36J**		1.00	1.00	ED*2X42F**	*9MVX060	1.04	0.99	EHD2X42A**	*9MPV125	1.02	0.96
EB*2X42F**	*8MPV075	1.01	0.96	ED*2X42F**	MV12F19**B*	1.01	0.93	EHD2X42A**	*9MVX040	1.03	1.00
EB*2X42F**	*9MPV050	1.00	0.97	ED*2X42F**		1.01	1.01	EHD2X42A**	*9MVX060	1.04	0.99
EB*2X42F**	*9MPV075	1.00	0.96	ED*2X42J**	*8MPV100	1.02	0.96	EHD2X42A**	*9MVX080	1.04	0.99
EB*2X42F**	*9MVX040	1.03	1.00	ED*2X42J**	*8MPV125	1.02	0.96	EHD2X42A**	*9MVX100	1.04	0.97
EB*2X42F**	*9MVX060	1.04	0.99	ED*2X42J**	*9MPV100	1.02	0.98	EHD2X42A**	MV08B15**B*	1.01	0.93
EB*2X42F**	MV12F19**B*	1.00	0.92	ED*2X42J**	*9MVX080	1.04	0.99	EHD2X42A**	MV12F19**B*	1.01	0.93
EB*2X42F**		1.01	1.01	ED*2X42J**	MV16J22**B*	1.01	0.93	EHD2X42A**	MV16J22**B*	1.01	0.93
EB*2X42J**	*8MPV100	1.02	0.96	ED*2X42J**		1.01	1.01	EHD2X42A**	MV20L24**B*	1.01	0.93
EB*2X42J**	*8MPV125	1.02	0.96	ED*2X42L**	*9MPV125	1.02	0.96	EHD2X42A**		1.01	1.01

> Indicates Tested Indoor Model

- continued on next page -

COOLING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EB*2X42J**	*9MPV100	1.02	0.98	ED*2X42L**	*9MPVX100	1.04	0.97	EMA2X36D**		1.00	1.00
EB*2X42J**	*9MPVX080	1.04	0.99	ED*2X42L**	MV20L24**B*	1.01	0.93	FEM2X35***		1.02	0.98
EB*2X42J**	MV16J22**B*	1.01	0.93	ED*2X42L**		1.01	1.01	FEM2X36***		1.04	0.97
EB*2X42J**		1.01	1.01	EHD2X36A**	*8MPV050	0.99	0.96	FEM2X42***		1.04	0.97
EB*2X42L**	*9MPV125	1.02	0.96	EHD2X36A**	*8MPV075	1.01	0.94	FS(M,U)2X42***		1.02	1.02
EB*2X42L**	*9MPVX100	1.04	0.97	EHD2X36A**	*8MPV100	1.01	0.94	FSA2X36***		1.00	1.00
EB*2X42L**	MV20L24**B*	1.01	0.93	EHD2X36A**	*8MPV125	1.01	0.94	FSM2X36***		1.02	0.99
EB*2X42L**		1.01	1.01	EHD2X36A**	*9MPV050	0.99	0.95	FSU2X36***		1.01	1.02
ED*2X36B**	MV08B15**B*	1.00	0.93	EHD2X36A**	*9MPV075	0.99	0.95	FVM2X24***		1.00	0.96
ED*2X36B**		0.99	0.99	EHD2X36A**	*9MPV100	1.01	0.94	FVM2X36***		1.01	0.94
ED*2X36F**	*8MPV075	1.00	0.96	EHD2X36A**	*9MPV125	1.01	0.94	FVM2X48***		1.05	0.96
ED*2X36F**	*9MPV050	0.99	0.99	EHD2X36A**	*9MPVX040	1.02	1.02	FVM2X60***		1.05	0.94
ED*2X36F**	*9MPV075	0.99	0.97	EHD2X36A**	*9MPVX060	1.02	0.97				
(C,H,T)2A342											
>EB*2X42J**		1.00	1.00	ED*2X42F**		0.98	0.98	EHD2X42A**	*9MPV100	1.00	0.98
EB*2X42F**	*8MPV075	0.99	0.97	ED*2X42J**	*8MPV100	1.00	0.98	EHD2X42A**	*9MPV125	1.00	0.98
EB*2X42F**	*9MPVX060	0.98	0.98	ED*2X42J**	*8MPV125	1.00	0.98	EHD2X42A**	*9MPVX060	0.98	0.98
EB*2X42F**		0.98	0.98	ED*2X42J**	*9MPV100	1.00	1.00	EHD2X42A**	*9MPVX080	0.99	0.94
EB*2X42J**	*8MPV100	1.00	0.98	ED*2X42J**	*9MPVX080	0.99	0.94	EHD2X42A**	*9MPVX100	0.99	0.93
EB*2X42J**	*8MPV125	1.00	0.98	ED*2X42J**	MV16J22**B*	1.00	0.90	EHD2X42A**	MV16J22**B*	1.00	0.92
EB*2X42J**	*9MPV100	1.00	1.00	ED*2X42J**		1.00	1.00	EHD2X42A**	MV20L24**B*	1.00	0.90
EB*2X42J**	*9MPVX080	0.99	0.94	ED*2X42L**	*9MPV125	1.00	0.98	EHD2X42A**		1.00	1.00
EB*2X42J**	MV16J22**B*	1.00	0.92	ED*2X42L**	*9MPVX100	0.99	0.93	EHD2X48A**	*8MPV075	0.99	0.99
EB*2X42L**	*9MPV125	1.00	0.98	ED*2X42L**		1.00	1.00	EHD2X48A**	*8MPV100	1.00	0.92

> Indicates Tested Indoor Model

- continued on next page -

COOLING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EB*2X42L**	*9MPVX100	0.99	0.93	ED*2X48F**	*8MPV075	1.00	1.00	EHD2X48A**	*8MPV125	1.01	0.93
EB*2X42L**		1.00	1.00	ED*2X48F**	*9MPV075	0.99	0.99	EHD2X48A**	*9MPV075	0.99	0.99
EB*2X48F**	*8MPV075	1.00	1.00	ED*2X48F**	*9MPV060	1.01	0.99	EHD2X48A**	*9MPV100	0.99	0.97
EB*2X48F**	*9MPV075	0.99	0.99	ED*2X48F**		1.00	1.00	EHD2X48A**	*9MPV125	1.00	0.92
EB*2X48F**	*9MPVX060	1.01	0.99	ED*2X48J**	*8MPV100	1.00	0.92	EHD2X48A**	*9MPVX060	1.01	0.99
EB*2X48F**		1.00	1.00	ED*2X48J**	*8MPV125	1.01	0.93	EHD2X48A**	*9MPVX080	1.01	0.95
EB*2X48J**	*8MPV100	1.00	0.92	ED*2X48J**	*9MPV100	1.01	0.99	EHD2X48A**	*9MPVX100	1.01	0.95
EB*2X48J**	*8MPV125	1.01	0.93	ED*2X48J**	*9MPVX080	1.01	0.95	EHD2X48A**	MV16J22**B*	0.99	0.89
EB*2X48J**	*9MPV100	1.01	0.99	ED*2X48J**	MV16J22**B*	1.01	0.93	EHD2X48A**	MV20L24**B*	0.99	0.89
EB*2X48J**	*9MPVX080	1.01	0.95	ED*2X48J**		1.01	1.01	EHD2X48A**		0.99	0.99
EB*2X48J**	MV16J22**B*	1.01	0.91	ED*2X48L**	*9MPV125	1.00	0.92	EMA2X48D**		0.99	0.99
EB*2X48J**		1.01	1.01	ED*2X48L**	*9MPVX100	1.01	0.95	FEM2X42****		1.02	1.01
EB*2X48L**	*9MPV125	1.00	0.92	ED*2X48L**		1.01	1.01	FEM2X48****		1.04	0.99
EB*2X48L**	*9MPVX100	1.01	0.95	EHD2X42A**	*8MPV075	1.00	1.00	FS(M,U)2X42****		1.00	1.00
EB*2X48L**		1.01	1.01	EHD2X42A**	*8MPV100	1.00	0.98	FS(M,U)2X48****		1.01	1.01
ED*2X42F**	*8MPV075	0.99	0.97	EHD2X42A**	*8MPV125	1.00	0.98	FVM2X48****		1.02	0.92
ED*2X42F**	*9MPVX060	0.98	0.98	EHD2X42A**	*9MPV075	1.00	1.00	FVM2X60****		1.04	0.94
(C,H,T)2A348											
>EB*2X48J**		1.00	1.00	ED*2X48J**	*8MPV125	1.01	1.01	EHD2X48A**	*9MPVX080	0.98	0.94
EB*2X48F**		0.98	0.98	ED*2X48J**	*9MPV100	0.98	0.98	EHD2X48A**	*9MPVX100	0.97	0.91
EB*2X48J**	*8MPV100	1.00	1.00	ED*2X48J**	*9MPVX080	0.98	0.94	EHD2X48A**	MV16J22**B*	0.99	0.91
EB*2X48J**	*8MPV125	1.01	1.01	ED*2X48J**	MV16J22**B*	1.00	0.92	EHD2X48A**	MV20L24**B*	0.99	0.91
EB*2X48J**	*9MPV100	0.98	0.98	ED*2X48J**		1.00	1.00	EHD2X48A**		1.00	1.00
EB*2X48J**	*9MPVX080	0.98	0.94	ED*2X48L**	*9MPV125	1.00	1.00	EHD2X60A**	*8MPV100	1.02	0.98
EB*2X48J**	MV16J22**B*	1.00	0.92	ED*2X48L**	*9MPVX100	0.97	0.91	EHD2X60A**	*8MPV125	1.02	1.00

> Indicates Tested Indoor Model

- continued on next page -

COOLING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EB*2X48L**	*9MPV125	1.00	1.00	ED*2X48L**		1.00	1.00	EHD2X60A**	*9MPV100	1.02	1.02
EB*2X48L**	*9MVX100	0.97	0.91	ED*2X60J**	*8MPV100	1.04	1.00	EHD2X60A**	*9MPV125	1.02	1.00
EB*2X48L**		1.00	1.00	ED*2X60J**	*8MPV125	1.04	1.02	EHD2X60A**	*9MVX080	1.03	0.97
EB*2X60J**	*8MPV100	1.04	1.00	ED*2X60J**	*9MPV100	1.03	1.03	EHD2X60A**	*9MVX100	1.02	0.96
EB*2X60J**	*8MPV125	1.04	1.02	ED*2X60J**	*9MVX080	1.03	0.97	EHD2X60A**	MV16J22**B*	1.02	0.94
EB*2X60J**	*9MPV100	1.03	1.03	ED*2X60J**	MV16J22**B*	1.02	0.94	EHD2X60A**	MV20L24**B*	1.02	0.92
EB*2X60J**	*9MVX080	1.03	0.97	ED*2X60J**		1.03	0.99	EHD2X60A**		1.03	0.99
EB*2X60J**	MV16J22**B*	1.02	0.94	ED*2X60L**	*9MPV125	1.03	1.01	EMA2X48D**		0.98	0.98
EB*2X60J**		1.03	0.99	ED*2X60L**	*9MVX100	1.02	0.96	FEM2X48****		1.03	0.97
EB*2X60L**	*9MPV125	1.03	1.01	ED*2X60L**		1.03	0.99	FEM2X60****		1.05	1.01
EB*2X60L**	*9MVX100	1.02	0.96	EHD2X48A**	*8MPV100	0.99	0.97	FS(M,U)2X48****		1.02	1.02
EB*2X60L**		1.03	0.99	EHD2X48A**	*8MPV125	0.99	0.95	FS(M,U)2X60****		1.04	1.04
ED*2X48F**		0.98	0.98	EHD2X48A**	*9MPV100	0.99	0.95	FVM2X48****		1.02	0.94
ED*2X48J**	*8MPV100	1.00	1.00	EHD2X48A**	*9MPV125	0.99	0.99	FVM2X60****		1.03	0.93
(C,H,T)2A360											
>EB*2X60L**		1.00	1.00	ED*2X60J**	MV16J22**B*	1.00	0.96	EHD2X60A**	MV16J22**B*	1.00	0.96
EB*2X60J**	*9MVX080	0.97	0.96	ED*2X60J**		1.00	1.00	EHD2X60A**	MV20L24**B*	1.00	0.96
EB*2X60J**	MV16J22**B*	1.00	0.96	ED*2X60L**	*9MVX100	0.96	0.95	EHD2X60A**		1.00	1.00
EB*2X60J**		1.00	1.00	ED*2X60L**	MV20L24**B*	1.00	0.96	FEM2X60****		1.00	0.96
EB*2X60L**	*9MVX100	0.96	0.95	ED*2X60L**		1.00	1.00	FS(M,U)2X60****		1.00	1.00
EB*2X60L**	MV20L24**B*	1.00	0.96	EHD2X60A**	*9MVX080	0.97	0.96	FVM2X60****		1.01	0.95
ED*2X60J**	*9MVX080	0.97	0.96	EHD2X60A**	*9MVX100	0.96	0.95				

> Indicates Tested Indoor Model

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:	H	2	A	3	18	G	K	D	1	0	0
Product Family	REFRIGERANT		TYPE								
2 = R-22											
4 = R-410A											
A = Air Conditioner			NOMINAL EFFICIENCY								
H = Heat Pump											
3 = 13 SEER			NOMINAL CAPACITY								
4 = 14 SEER											
18 = 18,000 BTUH = 1½ tons											
24 = 24,000 BTUH = 2 tons											
30 = 30,000 BTUH = 2½ tons											
36 = 36,000 BTUH = 3 tons											
42 = 42,000 BTUH = 3½ tons											
48 = 48,000 BTUH = 4 tons											
60 = 60,000 BTUH = 5 tons											
A = Standard Grille											
G = Coil Guard Grille											
C = Coastal											
K = 208/230-1-60											
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	N	A	S	A	0	0 1	01	C H
N = Non-Branded	BRANDING							
A = Accessory								
S = Split System (AC & HP)			KIT USAGE					
A = Original								
B = 2nd Generation								
0 = Generic or Not Applicable								
2 = R-22								
4 = R-410A								
Product Identifier Number								
Package Quantity								
Type of Kit (Example: CH = Crankcase Heater)								