

TECHNICAL SUPPORT MANUAL

Split System Air Conditioner

N4A3

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.

TABLE OF CONTENTS

Wiring Diagrams	2 – 3
Charging Chart	4
Tech Labels (Expanded Data) and Multiplying Factors	5 – 11
Condenser Only Data	12 – 15
Exploded Drawings	16 – 18
Parts List	19 – 21
Model Number Identification	22



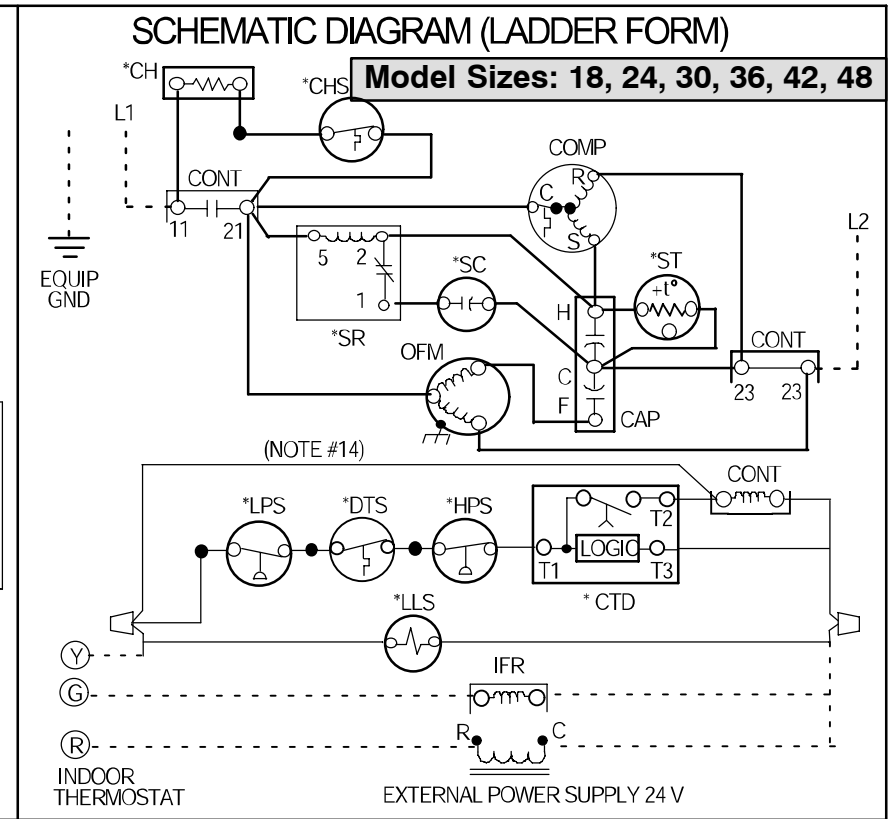
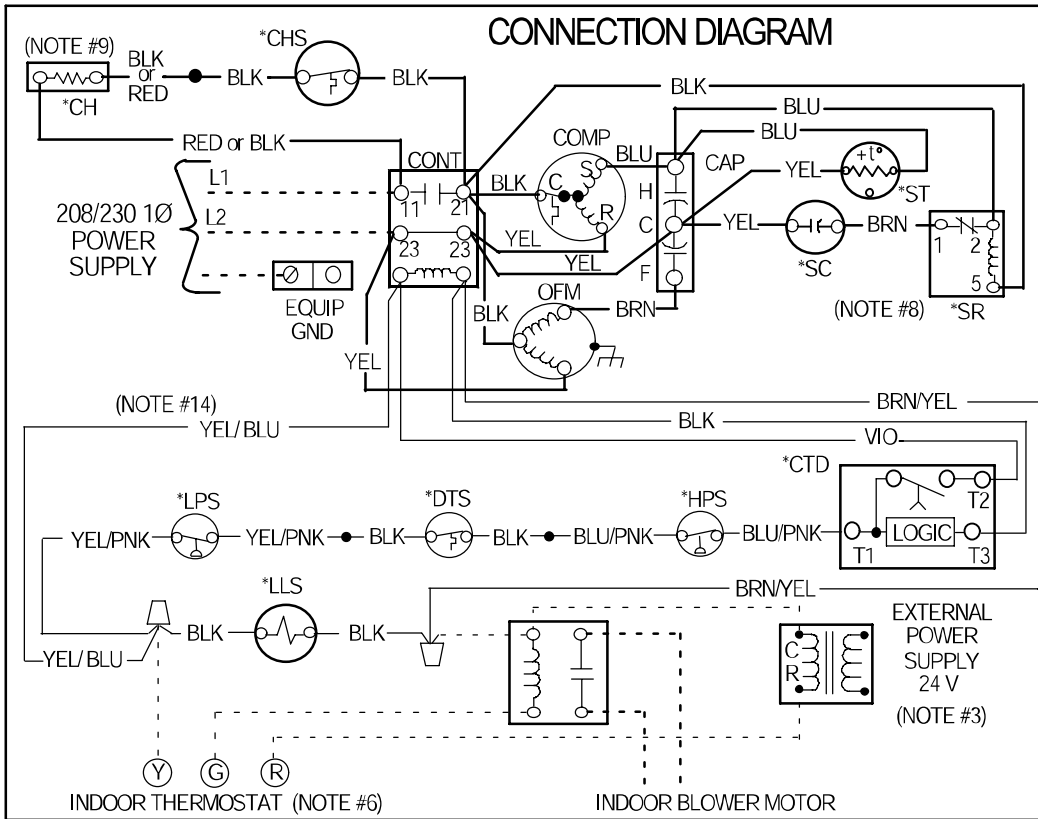
DEATH, PERSONAL INJURY, AND/OR PROPERTY DAMAGE HAZARD

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.

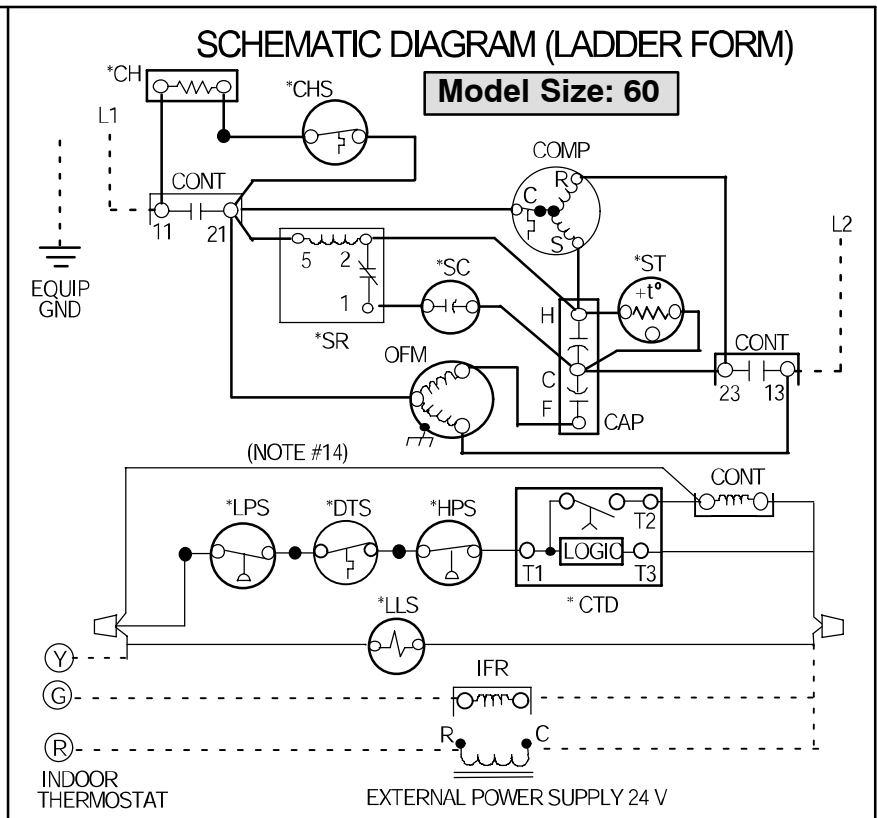
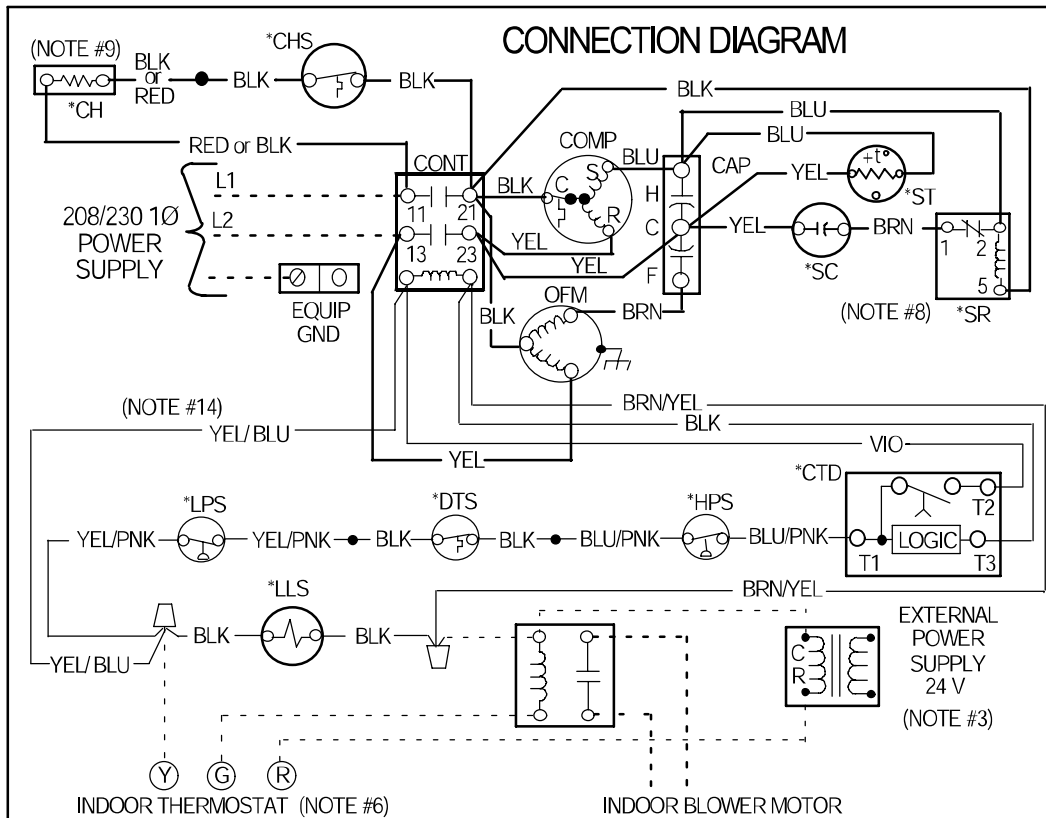


1. Symbols are electrical representation only.
2. Compressor and fan motor furnished with inherent thermal protection.
3. To be wired in accordance with National Electric N.E.C. and local codes.
4. N.E.C. class 2, 24 V circuit, min. 40 VA required, 60 VA on units installed with LLS.
5. Use copper conductors 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 (PTC) 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.

LEGEND

—	FACTORY POWER WIRING
---	FACTORY CONTROL WIRING
- - -	FIELD CONTROL WIRING
- - -	FIELD POWER WIRING
○	COMPONENT CONNECTION
⊕	FIELD SPLICE
●	JUNCTION
⊔	PLUG RECEPTACLE
CONT	CONTACTOR
CAP	CAPACITOR (DUAL RUN)
*CH	CRANKCASE HEATER
*CHS	CRANKCASE HEATER SWITCH
COMP	COMPRESSOR
*CTD	COMPRESSOR TIME DELAY
*DTS	DISCHARGE TEMP SWITCH
*HPS	HIGH PRESSURE SWITCH
IFR	INDOOR FAN RELAY
*LLS	LIQ LINE SOLENOID VALVE
*LPS	LOW PRESSURE SWITCH
OFM	OUTDOOR FAN MOTOR
*SC	START CAPICATOR
*SR	START RELAY
*ST	START THERMISTOR

* MAY BE FACTORY INSTALLED



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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 (PTC) is not used.
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LEGEND

—	FACTORY POWER WIRING
—	FACTORY CONTROL WIRING
- - -	FIELD CONTROL WIRING
- - -	FIELD POWER WIRING
○	COMPONENT CONNECTION
⋈	FIELD SPICE
●	JUNCTION
⊏	PLUG RECEPTACLE
CONT	CONTACTOR
CAP	CAPACITOR (DUAL RUN)
*CH	CRANKCASE HEATER
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OFM	OUTDOOR FAN MOTOR
*SC	START CAPICATOR
*SR	START RELAY
*ST	START THERMISTOR

* MAY BE FACTORY INSTALLED

R-410A CHARGING CHART

- Find the required Subcooling Temperature on the unit Rating Plate. Use the closest column on the chart below (6, 8, 10, 12, 14 or 16) .
- Add or remove refrigerant until both the Liquid Line Temperature and Liquid Pressure agree with chart data.

Measured Liquid Pressure (psig)	Rating Plate (required) Subcooling Temperature (°F)					
	6	8	10	12	14	16
	Required Liquid Line Temperature (°F)					
189	60	58	56	54	52	50
195	62	60	58	56	54	52
202	64	62	60	58	56	54
208	66	64	62	60	58	56
215	68	66	64	62	60	58
222	70	68	66	64	62	60
229	72	70	68	66	64	62
236	74	72	70	68	66	64
243	76	74	72	70	68	66
251	78	76	74	72	70	68
259	80	78	76	74	72	70
266	82	80	78	76	74	72
274	84	82	80	78	76	74
283	86	84	82	80	78	76
291	88	86	84	82	80	78
299	90	88	86	84	82	80
308	92	90	88	86	84	82
317	94	92	90	88	86	84
326	96	94	92	90	88	86
335	98	96	94	92	90	88
345	100	98	96	94	92	90
354	102	100	98	96	94	92
364	104	102	100	98	96	94
374	106	104	102	100	98	96
384	108	106	104	102	100	98
395	110	108	106	104	102	100
406	112	110	108	106	104	102
416	114	112	110	108	106	104
427	116	114	112	110	108	106
439	118	116	114	112	110	108
450	120	118	116	114	112	110
462	122	120	118	116	114	112
474	124	122	120	118	116	114
486	126	124	122	120	118	116
499	128	126	124	122	120	118
511	130	128	126	124	122	120

N4A318AKA N4A318GKA		N4A318*KA Outdoor With ED*4X18B** Indoor Cooling																			
		Outdoor Ambient Temperature – °F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – °F, Wet Bulb																			
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57
525	MBh †	20.46	18.79	17.27	16.78	19.55	17.95	16.49	16.15	18.59	17.05	15.68	15.48	17.62	16.12	14.83	14.77	16.57	15.13	14.00	14.00
	S/T ‡	0.53	0.71	0.91	1.00	0.53	0.72	0.93	1.00	0.54	0.73	0.95	1.00	0.55	0.75	0.98	1.00	0.56	0.78	1.00	1.00
	AMPS^	5.28	5.30	5.32	5.33	5.93	5.95	5.97	5.97	6.65	6.67	6.68	6.69	7.45	7.46	7.47	7.47	8.31	8.33	8.34	8.34
	HI PR	272	269	266	265	314	310	307	307	360	356	353	353	411	407	403	403	466	462	459	459
	LO PR	153	140	128	125	155	142	131	128	158	144	133	131	160	147	136	135	163	149	139	139
600	MBh †	20.80	19.10	17.65	17.46	19.83	18.23	16.87	16.79	18.83	17.30	16.06	16.07	17.83	16.35	15.32	15.32	16.76	15.33	14.51	14.51
	S/T ‡	0.54	0.74	0.96	1.00	0.55	0.75	0.98	1.00	0.56	0.77	1.00	1.00	0.57	0.79	1.00	1.00	0.58	0.82	1.00	1.00
	AMPS^	5.40	5.42	5.44	5.44	6.05	6.07	6.09	6.09	6.77	6.79	6.80	6.80	7.56	7.58	7.59	7.59	8.43	8.45	8.45	8.45
	HI PR	273	270	267	266	315	311	308	308	361	357	354	354	412	408	405	405	467	463	461	461
	LO PR	157	143	132	131	159	145	134	134	161	148	137	137	163	150	141	141	166	152	145	145
675	MBh †	21.04	19.33	18.01	18.01	20.02	18.43	17.30	17.30	19.00	17.48	16.54	16.54	17.97	16.51	15.76	15.76	16.88	15.48	14.92	14.92
	S/T ‡	0.56	0.77	0.99	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	0.61	0.86	1.00	1.00
	AMPS^	5.52	5.54	5.55	5.55	6.17	6.19	6.20	6.20	6.88	6.90	6.92	6.92	7.68	7.70	7.70	7.70	8.55	8.56	8.57	8.57
	HI PR	274	270	268	268	316	312	310	310	362	358	356	356	412	408	406	406	467	463	462	462
	LO PR	159	146	136	136	161	148	139	139	164	150	142	142	166	152	146	146	168	155	150	150

† 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.

^ 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.)

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

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

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)
> ED*4X18B**		1.00	1.00	EL*24B***		0.97	1.00	FS(M,U)4X18****		1.01	1.03
ED*4X18B**	MV08B15****	1.03	0.97	EMH24F****		0.97	1.03	FS(M,U)4X24****		1.01	1.04
ED*4X24B**		1.02	1.02	EP*18B****		0.93	1.03	FEM4X18****		1.02	0.96
ED*4X24B**	MV08B15****	1.04	0.98	EP*18B****	MV08B15****	0.94	0.93	FEM4X24****		1.03	0.97
ED*4X24F**		1.02	1.02	EP*24B****		0.97	1.03	EBP18****		0.97	1.01
ED*4X24F**	MV12F19****	1.04	0.98	EP*24B****	MV08B15****	0.99	0.95	EBP24****		1.01	1.02
EMA4X24D**		1.02	1.02	EP*24F****		0.97	1.03	FWM18****		0.97	0.98
EHD4X24A**		1.02	1.02	EP*24F****	MV12F19****	0.98	0.92	FWM24****		1.01	1.03
EHD4X24A**	*9MPV050	1.03	0.99	EPP024****		0.90	1.00	EBXX18****		1.01	1.01
EHD4X24A**	MV08B15****	1.03	0.97	EXX*24B****		1.02	1.02	EBXX24****		1.02	1.02
EHD4X24A**	MV12F19****	1.03	0.97	EXX*24B****	MV08B15****	1.05	0.99	EBV24****		1.03	0.97
EL*18B****		0.93	1.03	EXX*24F****		1.02	1.02	EBV36****		1.03	0.96
EL*18B****	MV08B15****	0.94	0.93	EXX*24F****	MV12F19****	1.05	0.96				

> Indicates Tested Indoor Model

N4A324AKA N4A324GKA		N4A324*KA Outdoor With ED*4X24B** Indoor Cooling																			
		Outdoor Ambient Temperature - °F, Dry Bulb																			
		75			85			95			105			115							
		Entering Indoor Temperature - °F, Wet Bulb																			
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57
700	MBh †	27.16	24.77	22.65	22.03	25.93	23.64	21.63	21.21	24.63	22.44	20.56	20.33	23.25	21.17	19.45	19.39	21.76	19.82	18.38	18.38
	S/T ‡	0.53	0.71	0.92	1.00	0.53	0.72	0.94	1.00	0.54	0.74	0.96	1.00	0.55	0.76	0.99	1.00	0.56	0.78	1.00	1.00
	AMPS^	6.99	7.00	7.00	7.00	7.86	7.87	7.87	7.88	8.83	8.83	8.84	8.84	9.89	9.89	9.89	9.89	11.04	11.04	11.04	11.04
	HI PR	291	286	282	280	334	329	324	323	381	375	371	370	432	427	422	422	488	482	478	478
	LO PR	152	139	127	124	154	141	130	127	156	143	132	131	159	146	135	134	162	148	139	139
800	MBh †	27.64	25.22	23.18	22.95	26.36	24.04	22.15	22.07	25.00	22.80	21.12	21.13	23.57	21.49	20.12	20.13	22.02	20.09	19.04	19.04
	S/T ‡	0.54	0.74	0.96	1.00	0.55	0.76	0.98	1.00	0.56	0.77	1.00	1.00	0.57	0.80	1.00	1.00	0.59	0.83	1.00	1.00
	AMPS^	7.14	7.15	7.16	7.16	8.02	8.02	8.03	8.03	8.98	8.99	8.99	8.99	10.04	10.04	10.05	10.05	11.19	11.19	11.20	11.20
	HI PR	292	287	283	283	335	330	326	325	382	377	373	373	434	428	424	424	489	483	480	480
	LO PR	155	142	131	130	157	144	133	133	160	146	136	136	162	149	140	140	164	151	144	144
900	MBh †	28.00	25.56	23.69	23.71	26.67	24.35	22.77	22.77	25.27	23.07	21.78	21.78	23.79	21.72	20.72	20.72	22.19	20.28	19.57	19.57
	S/T ‡	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	0.84	1.00	1.00	0.61	0.87	1.00	1.00
	AMPS^	7.30	7.30	7.31	7.31	8.17	8.18	8.18	8.18	9.14	9.14	9.14	9.14	10.19	10.20	10.20	10.20	11.35	11.35	11.35	11.35
	HI PR	293	288	284	284	336	331	327	327	383	378	375	375	435	429	426	426	490	484	482	482
	LO PR	158	145	135	135	160	147	138	138	162	149	141	141	164	151	145	145	167	154	149	149

- † 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.
- ^ 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.)

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

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

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)
> ED*4X24B**		1.00	1.00	EHD4X30A**		1.01	1.01	EP*30F***	*9MPV050	0.95	0.95
ED*4X24B**	*8MPV050	1.00	0.98	EHD4X30A**	*8MPV050	1.01	0.99	EP*30F***	*9MPV075	0.95	0.95
ED*4X24B**	MV08B15****	1.00	0.96	EHD4X30A**	*9MPV050	1.01	0.99	EP*30F***	MV12F19****	0.96	0.94
ED*4X24F**		1.01	1.01	EHD4X30A**	*9MPV075	1.00	0.96	EXX*24B***		0.99	1.01
ED*4X24F**	*9MPV050	1.00	0.96	EHD4X30A**	*9MPV100	1.03	0.98	EXX*24B***	*8MPV050	0.99	0.99
ED*4X24F**	*9MPV075	0.99	0.97	EHD4X30A**	MV08B15****	1.02	0.96	EXX*24B***	MV08B15****	0.99	0.95
ED*4X24F**	MV12F19****	1.01	0.95	EHD4X30A**	MV12F19****	1.02	0.96	EXX*24F***		0.99	1.01
ED*4X30B**		1.02	1.02	EHD4X30A**	MV16J22****	1.04	0.97	EXX*24F***	*8MPV075	1.00	0.98
ED*4X30B**	*8MPV050	1.00	0.98	EHD4X30A**	MV20N26****	1.03	0.96	EXX*24F***	*9MPV050	0.98	0.96
ED*4X30B**	MV08B15****	1.01	0.95	EL*24B****		0.93	1.01	EXX*24F***	*9MPV075	0.99	0.97
ED*4X30F**		1.02	1.02	EL*24B****	*8MPV050	0.93	0.97	EXX*24F***	MV12F19****	0.99	0.95
ED*4X30F**	*9MPV050	1.01	0.96	EL*24B****	MV08B15****	0.94	0.92	EMH24F***		0.93	1.01
ED*4X30F**	*9MPV075	1.01	0.96	EL*30B****		0.95	1.01	EMH30F***		0.95	1.01
ED*4X30F**	MV12F19****	1.01	0.95	EL*30B****	*8MPV050	0.95	0.95	EPP030***		0.92	1.01
EMA4X24D**		1.00	1.00	EP*30B****	MV08B15****	0.95	0.93	FS(M,U)4X24****		0.99	1.01
EHD4X24A**		1.01	1.01	EP*24B****		0.93	1.01	FS(M,U)4X30****		1.00	1.00
EHD4X24A**	*8MPV050	1.00	0.98	EP*24B****	*8MPV050	0.93	0.96	FEM4X24****		1.01	0.96
EHD4X24A**	*8MPV075	1.02	1.00	EP*24B****	MV08B15****	0.94	0.92	FEM4X30****		1.02	0.97
EHD4X24A**	*8MPV100	1.03	0.98	EP*24F****		0.93	1.01	EBP24****		0.98	1.01
EHD4X24A**	*8MPV125	1.02	0.97	EP*24F****	*9MPV050	0.93	0.93	EBP30****		0.99	1.00
EHD4X24A**	*9MPV050	1.02	1.00	EP*24F****	*9MPV075	0.93	0.93	FWM24****		0.97	1.02
EHD4X24A**	*9MPV075	1.00	0.98	EP*24F****	MV12F19****	0.94	0.92	FWM30****		0.99	1.02
EHD4X24A**	*9MPV100	1.02	0.97	EP*30B****		0.95	1.01	EBXX18****		0.98	1.01
EHD4X24A**	MV08B15****	1.02	0.96	EP*30B****	*8MPV050	0.95	0.95	EBXX24****		0.99	1.00
EHD4X24A**	MV12F19****	1.00	0.94	EP*30B****	MV08B15****	0.95	0.93	EBV24****		1.02	0.97
EHD4X24A**	MV16J22****	1.02	0.96	EP*30F****		0.95	1.01	EBV36****		1.03	0.98
EHD4X24A**	MV20N26****	1.01	0.95								

> Indicates Tested Indoor Model

N4A330AKB N4A330GKB		N4A330*KB Outdoor With ED*4X30B** Indoor Cooling																			
		Outdoor Ambient Temperature - °F, Dry Bulb																			
		75			85			95			105			115							
		Entering Indoor Temperature - °F, Wet Bulb																			
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57
875	MBh †	33.02	30.33	27.91	27.41	31.65	29.02	26.70	26.40	30.20	27.62	25.43	25.32	28.64	26.14	24.17	24.17	26.94	24.53	22.93	22.93
	S/T ‡	0.52	0.71	0.91	1.00	0.53	0.72	0.93	1.00	0.54	0.74	0.96	1.00	0.55	0.75	1.00	1.00	0.56	0.78	1.00	1.00
	AMPS^	9.09	9.07	9.07	9.07	10.07	10.05	10.05	10.05	11.16	11.14	11.14	11.14	12.36	12.35	12.34	12.34	13.67	13.66	13.66	13.66
	HI PR	297	293	289	288	343	338	334	334	392	387	384	383	447	442	439	439	505	501	499	499
	LO PR	156	143	131	129	158	145	133	132	160	147	136	135	162	149	139	139	165	152	143	143
1000	MBh †	33.47	30.77	28.53	28.45	32.06	29.43	27.37	27.39	30.56	28.00	26.25	26.25	28.97	26.48	25.04	25.04	27.21	24.84	23.73	23.73
	S/T ‡	0.54	0.74	0.96	1.00	0.55	0.76	1.00	1.00	0.56	0.77	1.00	1.00	0.57	0.80	1.00	1.00	0.58	0.82	1.00	1.00
	AMPS^	9.30	9.28	9.27	9.27	10.28	10.26	10.26	10.26	11.36	11.35	11.34	11.34	12.57	12.55	12.55	12.55	13.88	13.87	13.87	13.87
	HI PR	298	294	290	290	344	339	336	336	393	388	385	385	448	443	440	440	506	502	500	500
	LO PR	159	146	135	135	161	148	138	138	163	150	141	141	165	152	144	144	168	154	148	148
1125	MBh †	33.78	31.10	29.28	29.28	32.34	29.73	28.17	28.18	30.81	28.27	26.99	26.99	29.18	26.73	25.73	25.73	27.39	25.06	24.36	24.36
	S/T ‡	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	0.84	1.00	1.00	0.61	0.87	1.00	1.00
	AMPS^	9.50	9.49	9.48	9.48	10.48	10.47	10.46	10.46	11.57	11.56	11.55	11.55	12.78	12.76	12.76	12.76	14.09	14.08	14.07	14.07
	HI PR	299	295	292	292	345	340	337	337	394	389	387	387	448	444	442	442	507	503	502	502
	LO PR	162	149	140	140	164	150	143	143	166	152	146	146	168	154	149	149	170	157	153	153

† 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.

^ 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.)

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

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

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)
>ED*4X30B**		1.00	1.00	EHD4X30A**	MV08B15****	1.02	0.95	EP*36J****	*8MPV100	0.98	0.95
ED*4X30B**	MV08B15****	1.01	0.94	EHD4X30A**	MV12F19****	1.03	0.96	EP*36J****	*8MPV125	0.96	0.92
ED*4X30F**		1.00	1.00	EHD4X30A**	MV16J22****	1.01	0.90	EP*36J****	*9MPV100	0.96	0.94
ED*4X30F**	*8MPV075	1.00	0.93	EHD4X30A**	MV20N26****	1.02	0.91	EP*36J****	MV16J22****	0.98	0.93
ED*4X30F**	MV12F19****	1.03	0.96	EHD4X36A**		1.01	1.00	EXX*36B****		1.00	1.00
ED*4X36B**		1.01	1.01	EHD4X36A**	*9MPV050	1.01	0.99	EXX*36B****	*8MPV050	1.01	1.00
ED*4X36B**	MV08B15****	1.01	0.94	EHD4X36A**	*9MPV100	1.01	0.94	EXX*36B****	MV08B15****	1.01	0.97
ED*4X36F**		1.01	1.01	EHD4X36A**	*9MPV125	1.02	0.95	EXX*36F****		1.00	1.00
ED*4X36F**	*8MPV075	1.01	0.94	EHD4X36A**	MV08B15****	1.03	0.94	EXX*36F****	*8MPV075	1.01	0.97
ED*4X36F**	MV12F19****	1.03	0.96	EHD4X36A**	MV12F19****	1.04	0.92	EXX*36F****	*9MPV075	1.01	0.98
ED*4X36J**		1.01	1.01	EHD4X36A**	MV16J22****	1.03	0.92	EXX*36F****	MV12F19****	1.02	0.95
ED*4X36J**	*8MPV100	1.01	0.94	EHD4X36A**	MV20N26****	1.04	0.92	EXX*36J****		1.00	1.00
ED*4X36J**	*8MPV125	1.01	0.90	EL*30B****	MV08B15****	0.94	0.94	EXX*36J****	*9MPV100	1.01	0.96
ED*4X36J**	*9MPV100	0.99	0.92	EL*36B****	MV08B15****	0.97	0.94	EXX*36J****	MV16J22****	1.02	0.91
ED*4X36J**	MV16J22****	1.04	0.92	EL*36F****	*8MPV075	0.96	0.94	FS(M,U)4X30****		0.99	0.99
EMA4X36D**		1.00	1.00	EL*36F****	*9MPV050	0.96	0.99	FEM4X30****		1.01	0.96
EHD4X30A**		1.01	1.01	EL*36F****	*9MPV075	0.96	0.96	FEM4X36****		1.03	0.96
EHD4X30A**	*8MPV075	1.01	0.94	EP*30B****	MV08B15****	0.94	0.94	FSA2X30****		0.99	0.99
EHD4X30A**	*8MPV100	1.01	0.97	EP*30F****	*8MPV075	0.94	0.96	FSA2X36****		1.01	1.00
EHD4X30A**	*8MPV125	1.03	0.96	EP*30F****	MV12F19****	0.94	0.92	FVM4X24****		1.00	0.93
EHD4X30A**	*9MPV075	1.01	0.99	EP*36B****	MV08B15****	0.97	0.93	FVM4X36****		1.01	0.90
EHD4X30A**	*9MPV100	1.00	0.93	EP*36F****	*8MPV075	0.96	0.94	FVM4X48****		1.04	0.92
EHD4X30A**	*9MPV125	1.01	0.94	EP*36F****	*9MPV075	0.96	0.96				

> Indicates Tested Indoor Model

N4A336AKA N4A336GKA		N4A336*KA Outdoor With ED*4X36F** Indoor Cooling																						
		Outdoor Ambient Temperature - °F, Dry Bulb																						
		75					85					95					105					115		
		Entering Indoor Temperature - °F, Wet Bulb																						
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57			
1050	MBh †	40.27	36.63	33.48	32.81	38.53	35.02	32.04	31.62	36.70	33.31	30.53	30.36	34.76	31.51	28.97	29.00	32.67	29.57	27.53	27.53			
	S/T ‡	0.53	0.72	0.93	1.00	0.54	0.73	0.95	1.00	0.55	0.75	0.98	1.00	0.56	0.77	1.00	1.00	0.57	0.79	1.00	1.00			
	AMPS^	10.73	10.68	10.65	10.64	11.88	11.84	11.81	11.81	13.17	13.14	13.11	13.11	14.62	14.58	14.56	14.56	16.21	16.18	16.17	16.17			
	HI PR	271	269	267	267	316	314	312	311	364	362	360	360	417	415	413	413	474	472	471	471			
	LO PR	152	140	128	126	154	142	131	129	157	144	133	132	159	146	136	136	161	149	140	140			
1200	MBh †	40.92	37.23	34.26	34.10	39.12	35.55	32.78	32.84	37.22	33.80	31.49	31.49	35.21	31.94	30.05	30.06	33.05	29.95	28.49	28.49			
	S/T ‡	0.55	0.75	0.98	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	0.84	1.00	1.00			
	AMPS^	10.98	10.93	10.90	10.89	12.13	12.09	12.06	12.06	13.42	13.38	13.36	13.36	14.86	14.83	14.81	14.81	16.45	16.43	16.42	16.42			
	HI PR	271	270	268	268	316	314	312	312	365	362	361	361	418	415	414	414	475	473	472	472			
	LO PR	155	143	132	132	157	144	134	135	159	146	138	138	162	149	141	141	164	151	145	145			
1350	MBh †	41.40	37.68	35.16	35.17	39.55	35.97	33.83	33.83	37.59	34.17	32.42	32.42	35.52	32.27	30.91	30.91	33.31	30.24	29.27	29.27			
	S/T ‡	0.56	0.78	1.00	1.00	0.57	0.80	1.00	1.00	0.58	0.82	1.00	1.00	0.60	0.85	1.00	1.00	0.61	0.88	1.00	1.00			
	AMPS^	11.23	11.18	11.15	11.15	12.38	12.34	12.31	12.31	13.67	13.63	13.61	13.61	15.11	15.07	15.06	15.06	16.69	16.67	16.66	16.66			
	HI PR	272	270	269	269	317	314	313	313	365	363	362	362	418	416	415	415	475	473	472	472			
	LO PR	158	145	136	136	160	147	139	139	162	149	142	142	164	151	146	146	166	153	149	149			

† 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.

^ 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.)

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

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

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)
> ED*4X36F**		1.00	1.00	EL*36F****		0.95	1.01	EPP036****		0.89	0.99
ED*4X36B**		0.96	0.96	EL*36F****	*8MPV075	0.96	0.99	EXX*36B****		0.99	0.99
ED*4X36B**	MV08B15****	0.98	0.96	EL*36F****	*9MPV050	0.94	0.99	EXX*36B****	*8MPV050	0.98	0.98
ED*4X36F**	*8MPV075	1.02	1.02	EL*36F****	*9MPV075	0.95	1.01	EXX*36B****	MV08B15****	1.01	0.99
ED*4X36F**	MV12F19****	1.02	0.98	EL*36F****	MV12F19****	0.97	0.97	EXX*36F****		0.99	0.99
ED*4X36J**		1.01	1.01	EL*42F****		0.98	0.98	EXX*36F****	*8MPV075	1.00	1.00
ED*4X36J**	MV16J22****	1.04	0.97	EL*42F****	*8MPV075	0.99	1.00	EXX*36F****	*9MPV050	0.98	0.98
ED*4X42J**		1.01	1.01	EL*42F****	*9MPV050	0.96	0.99	EXX*36F****	*9MPV075	0.99	0.99
ED*4X42J**	*8MPV100	1.04	0.99	EL*42F****	*9MPV075	0.98	0.99	EXX*36F****	MV12F19****	1.01	0.99
ED*4X42J**	MV16J22****	1.04	0.98	EL*42F****	MV12F19****	0.99	0.98	EXX*36J****		1.00	1.02
ED*4X42L**		1.01	1.01	EMH36F****		0.95	1.01	EXX*36J****	*8MPV100	1.01	0.99
EMA4X36D**		1.00	1.00	EMH42F****		0.98	1.00	EXX*36J****	*8MPV125	1.01	0.99
EHD4X36A**		1.01	1.01	EP*36B****		0.93	0.99	EXX*36J****	*9MPV100	1.01	1.01
EHD4X36A**	*8MPV050	1.01	0.99	EP*36B****	*8MPV050	0.93	0.98	EXX*36J****	MV16J22****	1.02	0.97
EHD4X36A**	*8MPV075	1.02	1.00	EP*36B****	MV08B15****	0.96	0.98	EXX*42F****		1.01	1.01
EHD4X36A**	MV08B15****	1.02	1.00	EP*36F****		0.95	1.01	EXX*42F****	*8MPV075	1.02	1.02
EHD4X36A**	MV12F19****	1.02	0.97	EP*36F****	*8MPV075	0.96	0.99	EXX*42F****	*9MPV050	1.00	1.00
EHD4X36A**	MV16J22****	1.03	0.97	EP*36F****	*9MPV050	0.94	0.99	EXX*42F****	*9MPV075	1.01	1.01
EHD4X36A**	MV20N26****	1.03	0.97	EP*36F****	*9MPV075	0.95	1.01	EXX*42F****	MV12F19****	1.03	0.98
EHD4X42A**		1.01	1.01	EP*36F****	MV12F19****	0.97	0.97	EXX*42J****		1.01	1.01
EHD4X42A**	*8MPV050	1.00	0.98	EP*36J****		0.95	1.01	EXX*42J****	*8MPV100	1.02	1.01
EHD4X42A**	*8MPV075	1.01	0.97	EP*36J****	*8MPV100	0.96	0.96	EXX*42J****	*8MPV125	1.02	1.01
EHD4X42A**	*8MPV100	1.03	0.98	EP*36J****	*8MPV125	0.96	0.96	EXX*42J****	*9MPV100	1.02	1.02
EHD4X42A**	*8MPV125	1.03	0.98	EP*36J****	*9MPV100	0.96	1.00	EXX*42J****	MV16J22****	1.03	0.98
EHD4X42A**	*9MPV050	1.00	0.98	EP*36J****	MV16J22****	0.97	0.95	FSU4X36****		1.00	1.02
EHD4X42A**	*9MPV075	1.02	1.02	EP*42F****		0.98	1.00	FS(M,U)4X42****		1.02	1.02
EHD4X42A**	*9MPV100	1.01	0.97	EP*42F****	*8MPV075	0.99	1.00	FSM4X36****		1.02	1.02
EHD4X42A**	*9MPV125	1.03	0.98	EP*42F****	*9MPV050	0.96	0.99	FEM4X36****		1.03	0.98
EHD4X42A**	MV08B15****	1.02	0.98	EP*42F****	*9MPV075	0.98	0.99	FEM4X42****		1.04	0.99
EHD4X42A**	MV12F19****	1.03	0.98	EP*42F****	MV12F19****	0.99	0.98	EBP36****		0.98	1.03
EHD4X42A**	MV16J22****	1.04	0.97	EP*42J****		0.98	1.01	EBP42****		1.00	1.02
EHD4X42A**	MV20N26****	1.04	0.97	EP*42J****	*8MPV100	0.97	0.98	EBX36****		1.00	1.02
EL*36B****		0.93	0.99	EP*42J****	*8MPV125	0.97	0.97	EBV36****		1.01	0.99
EL*36B****	*8MPV050	0.93	0.98	EP*42J****	MV16J22****	0.97	0.95	EBV48****		1.04	0.99
EL*36B****	MV08B15****	0.96	0.98								

> Indicates Tested Indoor Model

N4A342AKA N4A342GKA		N4A342*KA Outdoor With ED*4X42J** Indoor Cooling																			
		Outdoor Ambient Temperature – °F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – °F, Wet Bulb																			
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57
1225	MBh †	48.54	44.52	40.89	39.81	46.41	42.55	39.11	38.36	44.15	40.47	37.25	36.82	41.78	38.27	35.32	35.18	39.23	35.92	33.39	33.40
	S/T ‡	0.53	0.71	0.91	1.00	0.53	0.72	0.93	1.00	0.54	0.74	0.95	1.00	0.55	0.75	0.98	1.00	0.56	0.78	1.00	1.00
	AMPS^	14.46	14.38	14.31	14.29	16.01	15.93	15.86	15.85	17.72	17.64	17.58	17.58	19.62	19.55	19.50	19.50	21.69	21.64	21.61	21.61
	HI PR	279	275	271	270	323	318	314	314	370	365	361	361	421	416	412	412	475	471	467	467
	LO PR	152	139	127	124	154	141	130	127	157	143	132	131	159	146	135	134	162	148	138	138
1400	MBh †	49.25	45.21	41.75	41.34	47.04	43.17	39.95	39.79	44.69	41.00	38.08	38.14	42.24	38.74	36.38	36.39	39.60	36.32	34.49	34.49
	S/T ‡	0.54	0.74	0.96	1.00	0.55	0.75	0.98	1.00	0.56	0.77	1.00	1.00	0.57	0.79	1.00	1.00	0.58	0.82	1.00	1.00
	AMPS^	14.80	14.71	14.64	14.64	16.34	16.26	16.20	16.19	18.05	17.97	17.92	17.92	19.95	19.88	19.84	19.84	22.02	21.97	21.94	21.94
	HI PR	280	276	272	272	324	319	316	315	371	366	363	363	422	417	414	414	476	472	469	469
	LO PR	155	142	131	130	157	144	133	133	160	146	136	136	162	148	140	140	164	151	144	144
1575	MBh †	49.78	45.74	42.59	42.57	47.50	43.63	40.93	40.94	45.08	41.41	39.20	39.20	42.57	39.10	37.35	37.35	39.86	36.63	35.35	35.35
	S/T ‡	0.56	0.77	0.99	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	0.61	0.86	1.00	1.00
	AMPS^	15.14	15.05	14.98	14.98	16.68	16.59	16.54	16.54	18.38	18.30	18.26	18.26	20.28	20.21	20.18	20.18	22.35	22.29	22.28	22.28
	HI PR	281	277	273	273	325	320	317	317	372	367	364	364	423	418	416	416	477	472	471	471
	LO PR	158	145	135	135	160	147	138	138	162	149	141	141	164	151	144	144	167	153	148	148

† 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.

^ 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.)

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

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

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)
> ED*4X42J**		1.00	1.00	EHD4X48A**	*8MPV125	1.02	0.98	EP*48L****		0.99	1.01
ED*4X42J**	*8MPV100	1.01	0.99	EHD4X48A**	*9MPV075	1.00	0.98	EP*48L****	*9MPV125	1.00	1.01
ED*4X42J**	*8MPV125	1.00	0.96	EHD4X48A**	*9MPV100	1.01	0.97	EP*48N****		0.99	1.01
ED*4X42J**	MV16J22****	1.01	0.97	EHD4X48A**	*9MPV125	1.02	1.01	EP*48N****	MV20N26****	1.01	0.99
ED*4X42L**		1.00	1.00	EHD4X48A**	MV16J22****	1.02	0.96	EXX*42F****		0.99	0.99
ED*4X42L**	*9MPV125	1.01	1.01	EHD4X48A**	MV20N26****	1.04	0.99	EXX*42F****	*8MPV075	1.00	1.00
ED*4X48F**		1.01	1.01	EL*42F****		0.94	0.97	EXX*42F****	*9MPV075	0.98	0.98
ED*4X48F**	*8MPV075	1.01	0.99	EL*42F****	*8MPV075	0.95	0.97	EXX*42J****		0.99	0.99
ED*4X48F**	*9MPV075	1.00	1.00	EL*48F****		0.96	0.99	EXX*42J****	*8MPV100	1.00	1.00
ED*4X48J**		1.01	1.01	EL*48F****	*8MPV075	0.98	1.00	EXX*42J****	*8MPV125	1.00	0.98
ED*4X48J**	*8MPV100	1.01	0.97	EL*48F****	*9MPV075	0.95	0.96	EXX*42J****	*9MPV100	0.99	0.99
ED*4X48J**	*8MPV125	1.02	0.98	EMH42F****		0.94	0.97	EXX*42J****	MV16J22****	1.01	0.97
ED*4X48J**	*9MPV100	1.02	1.02	EMH48F****		0.98	1.00	EXX*48J****		1.00	1.01
ED*4X48J**	MV16J22****	1.04	0.99	EP*42F****		0.94	0.97	EXX*48J****	*9MPV125	1.01	1.01
ED*4X48L**		1.01	1.01	EP*42F****	*8MPV075	0.95	0.97	EXX*48L****		1.00	1.01
ED*4X48L**	*9MPV125	1.02	1.01	EP*42F****	*9MPV075	0.94	0.97	EXX*48L****	*9MPV125	1.01	1.01
EMA4X48D**		1.01	1.01	EP*42J****		0.95	0.99	EXX*48N****		1.00	1.01
EHD4X42A**		1.00	1.00	EP*42J****	*8MPV100	0.94	0.97	EXX*48N****	MV20N26****	1.02	1.01
EHD4X42A**	*8MPV075	1.00	0.98	EP*42J****	*8MPV125	0.95	0.98	FS(M,U)4X42****		1.00	1.02
EHD4X42A**	*8MPV100	1.01	0.97	EP*42J****	*9MPV100	0.92	0.96	FS(M,U)4X48****		1.02	1.02
EHD4X42A**	*8MPV125	1.01	0.97	EP*42J****	MV16J22****	0.95	0.95	FSM4X36****		1.01	1.02
EHD4X42A**	*9MPV075	0.99	0.97	EP*48F****		0.96	0.99	FEM4X42****		1.01	0.97
EHD4X42A**	*9MPV100	0.99	0.94	EP*48F****	*8MPV075	0.98	1.00	FEM4X48****		1.04	0.97
EHD4X42A**	*9MPV125	1.01	0.99	EP*48F****	*9MPV075	0.95	0.95	EBP42****		0.99	1.03
EHD4X42A**	MV16J22****	1.02	0.96	EP*48J****		0.99	1.01	EBP48****		1.00	1.02
EHD4X42A**	MV20N26****	1.04	0.99	EP*48J****	*8MPV100	0.99	0.99	EBX48****		1.02	1.02
EHD4X48A**		1.01	1.01	EP*48J****	*8MPV125	0.99	0.97	EBV48****		1.04	0.99
EHD4X48A**	*8MPV075	1.01	0.99	EP*48J****	*9MPV100	0.99	0.99	EBV60****		1.05	1.00
EHD4X48A**	*8MPV100	1.01	0.97	EP*48J****	MV16J22****	1.00	0.98				

> Indicates Tested Indoor Model

N4A348AKA N4A348GKA		N4A348*KA Outdoor With ED*4X48J** Indoor Cooling																			
		Outdoor Ambient Temperature - °F, Dry Bulb																			
		75			85			95			105			115							
		Entering Indoor Temperature - °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 †	55.04	49.86	45.26	44.65	52.62	47.63	43.30	42.99	50.08	45.27	41.26	41.23	47.38	42.77	39.15	39.35	44.49	40.10	37.27	37.33
	S/T ‡	0.52	0.69	0.90	1.00	0.52	0.70	0.92	1.00	0.53	0.72	0.94	1.00	0.54	0.74	0.97	1.00	0.55	0.76	1.00	1.00
	AMPS^	14.54	14.56	14.57	14.57	16.29	16.31	16.33	16.33	18.27	18.30	18.33	18.33	20.51	20.57	20.62	20.61	23.03	23.15	23.23	23.22
	HI PR	267	268	269	270	313	315	316	317	363	366	369	369	417	422	427	426	473	483	489	489
	LO PR	151	138	127	125	153	141	129	129	156	143	132	132	158	145	135	136	161	148	140	140
1600	MBh †	56.06	50.79	46.36	46.41	53.54	48.45	44.40	44.64	50.89	46.00	42.52	42.77	48.09	43.40	40.77	40.78	45.09	40.63	38.63	38.63
	S/T ‡	0.53	0.72	0.94	1.00	0.54	0.73	0.96	1.00	0.54	0.75	0.99	1.00	0.55	0.77	1.00	1.00	0.57	0.79	1.00	1.00
	AMPS^	14.86	14.87	14.89	14.89	16.61	16.62	16.64	16.64	18.58	18.61	18.12	18.63	20.81	20.87	20.91	20.91	23.32	23.45	23.50	23.50
	HI PR	267	268	269	269	313	314	316	316	362	365	361	367	416	421	424	424	471	481	485	485
	LO PR	154	141	130	131	156	143	133	134	159	146	136	137	161	148	141	141	164	151	145	145
1800	MBh †	56.83	51.48	47.45	47.87	54.22	49.06	45.69	46.01	51.49	46.53	44.03	44.04	48.61	43.86	41.94	41.95	45.53	41.00	39.69	39.69
	S/T ‡	0.54	0.74	0.98	1.00	0.55	0.76	1.00	1.00	0.56	0.77	1.00	1.00	0.57	0.80	1.00	1.00	0.58	0.82	1.00	1.00
	AMPS^	15.17	15.19	15.20	15.20	16.92	16.93	16.95	16.95	18.89	18.92	18.94	18.94	21.11	21.17	21.20	21.20	23.61	23.74	23.77	23.77
	HI PR	267	268	269	269	312	314	315	315	362	365	366	366	415	420	422	422	470	479	482	482
	LO PR	157	144	134	135	159	146	137	138	161	148	142	142	163	150	145	145	166	153	149	149

† 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.

^ 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.)

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

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

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)
> ED*4X48J**		1.00	1.00	EHD4X60A**	*8MPV125	1.01	0.97	EP*60J***	*9MPV100	0.97	0.97
ED*4X48F**		0.98	0.98	EHD4X60A**	*9MPV100	1.01	1.01	EP*60J***	MV16J22****	1.00	0.98
ED*4X48J**	*8MPV100	1.00	1.00	EHD4X60A**	*9MPV125	0.99	0.95	EP*60L***		0.99	1.03
ED*4X48J**	*8MPV125	1.00	1.00	EHD4X60A**	MV16J22****	1.03	0.99	EP*60L***	*9MPV125	0.98	0.98
ED*4X48J**	*9MPV100	0.98	0.98	EHD4X60A**	MV20N26****	1.03	0.99	EP*60N***		0.99	1.03
ED*4X48J**	MV16J22****	1.01	0.99	EL*48F***		0.93	0.98	EP*60N***	MV20N26****	1.00	0.98
ED*4X48L**		1.00	1.00	EL*60J***		0.99	1.03	EXX*48J***		0.98	1.01
ED*4X48L**	*9MPV125	1.00	1.00	EL*60J***	*8MPV100	0.99	1.01	EXX*48J***	*9MPV125	0.98	1.00
ED*4X60J**		1.02	1.02	EL*60J***	*8MPV125	0.99	0.99	EXX*48L***		0.98	1.01
ED*4X60J**	*8MPV100	1.02	1.00	EL*60J***	*9MPV100	0.97	0.97	EXX*48L***	*9MPV125	0.98	1.00
ED*4X60J**	*8MPV125	1.02	0.95	EL*60J***	MV16J22****	1.00	0.98	EXX*48N***		0.98	1.01
ED*4X60J**	*9MPV100	1.02	1.02	EMH48F***		0.95	0.99	EXX*48N***	MV20N26****	1.00	0.98
ED*4X60J**	MV16J22****	1.04	1.00	EP*48F***		0.93	0.98	EXX*60L***		1.03	1.03
ED*4X60L**		1.02	1.02	EP*48J***		0.96	1.00	EXX*60L***	*9MPV125	1.02	1.00
ED*4X60L**	*9MPV125	1.02	1.00	EP*48J***	*8MPV100	0.97	1.01	EXX*60N***		1.03	1.03
EMA4X48D**		0.98	0.98	EP*48J***	*8MPV125	0.97	0.99	EXX*60N***	MV20N26****	1.04	1.00
EHD4X48A**		1.00	1.00	EP*48J***	*9MPV100	0.95	0.97	FS(M,U)4X48****		1.01	1.04
EHD4X48A**	*8MPV100	1.00	1.00	EP*48J***	MV16J22****	0.98	0.98	FS(M,U)4X60****		1.02	1.05
EHD4X48A**	*8MPV125	1.00	1.00	EP*48L***		0.96	1.00	FEM4X48****		1.02	1.02
EHD4X48A**	*9MPV100	0.98	0.98	EP*48L***	*9MPV125	0.96	0.99	FEM4X60****		1.03	1.01
EHD4X48A**	*9MPV125	0.99	0.99	EP*48N***		0.96	1.00	EBP48****		0.99	1.04
EHD4X48A**	MV16J22****	1.01	0.99	EP*48N***	MV20N26****	0.98	0.98	EBP60****		1.01	1.06
EHD4X48A**	MV20N26****	1.01	0.99	EP*60J***		0.99	1.03	EBX48****		1.01	1.04
EHD4X60A**		1.02	1.02	EP*60J***	*8MPV100	0.99	1.01	EBV48****		1.02	1.02
EHD4X60A**	*8MPV100	1.02	1.00	EP*60J***	*8MPV125	0.99	0.99	EBV60****		1.03	1.01

> Indicates Tested Indoor Model

N4A360AKB N4A360GKB		N4A360*KB Outdoor With ED*4X60L** Indoor Cooling																			
		Outdoor Ambient Temperature - °F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - °F, Wet Bulb																			
CFM		72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57	72	67	62	57
1750	MBh †	67.80	62.53	57.74	56.44	64.83	59.78	55.26	54.39	61.64	56.82	52.60	52.16	58.24	53.69	49.85	49.79	54.52	50.29	47.17	47.18
	S/T ‡	0.51	0.69	0.89	1.00	0.52	0.71	0.91	1.00	0.53	0.72	0.94	1.00	0.54	0.74	0.99	1.00	0.55	0.76	1.00	1.00
	AMPS^	18.92	18.60	18.33	18.26	20.86	20.55	20.28	20.23	23.00	22.69	22.44	22.41	25.35	25.05	24.81	24.81	27.89	27.62	27.43	27.43
	HI PR	307	302	298	297	355	349	344	343	406	400	394	394	460	454	449	449	519	513	509	509
	LO PR	158	144	132	129	160	146	134	132	162	148	137	135	165	151	139	139	167	153	143	143
2000	MBh †	68.70	63.42	58.86	58.44	65.64	60.56	56.34	56.26	62.33	57.50	53.88	53.88	58.81	54.27	51.35	51.35	54.97	50.76	48.55	48.56
	S/T ‡	0.53	0.73	0.94	1.00	0.54	0.74	0.99	1.00	0.55	0.76	1.00	1.00	0.56	0.78	1.00	1.00	0.58	0.81	1.00	1.00
	AMPS^	19.40	19.08	18.81	18.79	21.33	21.02	20.77	20.76	23.47	23.16	22.94	22.94	25.81	25.51	25.33	25.33	28.34	28.07	27.93	27.93
	HI PR	308	304	299	299	356	350	346	346	407	401	396	396	462	456	452	452	520	514	511	511
	LO PR	162	148	136	135	164	150	138	138	166	152	141	141	168	154	145	145	170	156	149	149
2250	MBh †	69.36	64.04	60.07	60.07	66.19	61.12	57.75	57.75	62.79	57.98	55.24	55.25	59.18	54.67	52.57	52.58	55.24	51.08	49.63	49.64
	S/T ‡	0.55	0.76	1.00	1.00	0.56	0.78	1.00	1.00	0.57	0.80	1.00	1.00	0.58	0.82	1.00	1.00	0.60	0.85	1.00	1.00
	AMPS^	19.86	19.54	19.31	19.31	21.79	21.48	21.27	21.27	23.93	23.62	23.44	23.44	26.26	25.96	25.83	25.83	28.78	28.52	28.42	28.43
	HI PR	309	304	301	301	357	351	348	348	408	402	399	399	463	457	454	454	521	515	513	513
	LO PR	164	151	140	140	166	152	143	143	168	154	146	146	170	156	150	150	173	159	154	154

† 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.

^ 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.)

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

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

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)
> ED*4X60L**		1.00	1.00	EHD4X60A**	*9MPV125	0.97	0.97	EXX*60L****		0.99	0.99
ED*4X60J**		0.97	0.97	EHD4X60A**	MV20N26****	1.01	1.01	EXX*60L****	*9MPV125	0.97	0.97
ED*4X60J**	*8MPV100	0.96	0.96	EL*60J****	*8MPV100	0.94	0.97	EXX*60N****		0.99	0.99
ED*4X60J**	*8MPV125	0.97	0.97	EL*60J****	*9MPV100	0.91	0.94	EXX*60N****	MV20N26****	1.00	0.98
ED*4X60J**	MV16J22****	0.98	0.97	EL*60J****	MV16J22****	0.96	0.98	FEM4X60****		1.01	1.01
ED*4X60L**	*9MPV125	0.97	0.97	EP*60J****	*8MPV100	0.94	0.97	FS(M,U)4X60****		0.98	0.98
EHD4X60A**		1.00	1.00	EP*60J****	*9MPV100	0.91	0.94	EBV60****		0.99	1.04
EHD4X60A**	*8MPV100	0.98	0.98	EP*60J****	MV16J22****	0.96	0.98	FVM4X60****		0.99	0.97
EHD4X60A**	*8MPV125	0.99	0.99	EP*60L****	*9MPV125	0.93	0.96				
EHD4X60A**	*9MPV100	0.97	0.97	EP*60N****	MV20N26****	0.97	1.03				

> Indicates Tested Indoor Model

Data for Condenser Only (Cooling)									
Saturated Suction Temperature °F		Condenser Entering Air Temperature °F							
		55	65	75	85	95	105	115	125
N4A318AKA, N4A318GKA									
30	TCG	14.80	13.90	13.10	12.20	11.30	10.40	9.40	8.40
	SDT	67.80	77.30	86.80	96.30	105.90	115.50	125.10	134.80
	kW	0.80	0.92	1.06	1.21	1.37	1.54	1.73	1.93
35	TCG	16.30	15.40	14.40	13.50	12.50	11.60	10.60	9.50
	SDT	68.80	78.20	87.70	97.20	106.70	116.20	125.80	135.40
	kW	0.80	0.92	1.06	1.21	1.37	1.55	1.74	1.94
40	TCG	17.90	16.90	15.90	14.90	13.90	12.80	11.70	10.60
	SDT	69.80	79.20	88.70	98.10	107.50	117.00	126.50	136.10
	kW	0.80	0.92	1.05	1.20	1.37	1.55	1.74	1.95
45	TCG	19.50	18.50	17.40	16.30	15.20	14.10	13.00	11.70
	SDT	70.90	80.30	89.70	99.10	108.40	117.80	127.20	136.70
	kW	0.79	0.91	1.05	1.20	1.37	1.55	1.74	1.96
50	TCG	21.30	20.10	19.00	17.80	16.60	15.40	14.20	12.90
	SDT	72.00	81.40	90.70	100.10	109.30	118.70	128.00	137.30
	kW	0.79	0.91	1.05	1.20	1.36	1.55	1.74	1.96
55	TCG	23.00	21.80	20.60	19.30	18.00	16.80	15.50	14.10
	SDT	73.20	82.50	91.80	101.10	110.30	119.50	128.80	138.00
	kW	0.78	0.91	1.04	1.19	1.36	1.54	1.74	1.96
N4A324AKA, N4A324GKA									
30	TCG	21.20	20.00	18.80	17.60	16.40	15.10	13.80	12.50
	SDT	71.90	81.20	90.60	100.10	109.50	119.00	128.60	138.20
	kW	1.04	1.19	1.37	1.56	1.77	2.01	2.26	2.53
35	TCG	23.30	22.10	20.80	19.50	18.20	16.80	15.40	13.90
	SDT	73.20	82.50	91.80	101.10	110.50	119.90	129.40	139.00
	kW	1.03	1.19	1.37	1.56	1.77	2.01	2.27	2.54
40	TCG	25.60	24.20	22.90	21.50	20.00	18.60	17.10	15.50
	SDT	74.60	83.80	93.00	102.30	111.50	120.90	130.30	139.70
	kW	1.03	1.19	1.37	1.56	1.78	2.01	2.27	2.55
45	TCG	28.00	26.50	25.00	23.50	22.00	20.40	18.80	17.10
	SDT	76.00	85.10	94.30	103.50	112.60	121.90	131.20	140.50
	kW	1.03	1.19	1.37	1.56	1.78	2.01	2.27	2.55
50	TCG	30.50	28.90	27.30	25.70	24.00	22.30	20.60	18.80
	SDT	77.50	86.60	95.60	104.70	113.80	122.90	132.10	141.20
	kW	1.03	1.19	1.37	1.56	1.77	2.01	2.27	2.55
55	TCG	33.00	31.30	29.60	27.80	26.10	24.30	22.40	20.40
	SDT	79.00	88.00	97.00	106.00	114.90	124.00	133.00	142.00
	kW	1.03	1.19	1.37	1.56	1.77	2.01	2.27	2.55

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
N4A330AKB, N4A330GKB									
30	TCG	26.60	25.50	24.30	23.10	21.80	20.50	19.10	17.70
	SDT	63.80	73.30	82.80	92.40	102.00	111.60	121.30	130.90
	KW	1.32	1.50	1.71	1.94	2.20	2.48	2.78	3.11
35	TCG	29.30	28.10	26.80	25.50	24.20	22.80	21.30	19.80
	SDT	64.80	74.20	83.60	93.20	102.70	112.30	121.90	131.50
	KW	1.32	1.50	1.71	1.94	2.20	2.48	2.79	3.13
40	TCG	32.20	30.90	29.50	28.10	26.70	25.20	23.70	22.10
	SDT	65.70	75.10	84.50	94.00	103.50	113.10	122.60	132.20
	KW	1.32	1.50	1.71	1.94	2.20	2.49	2.80	3.14
45	TCG	35.30	33.90	32.50	30.90	29.40	27.80	26.20	24.50
	SDT	66.80	76.10	85.50	94.90	104.40	113.90	123.40	132.90
	KW	1.33	1.51	1.71	1.95	2.20	2.49	2.81	3.15
50	TCG	38.70	37.10	35.60	34.00	32.30	30.60	28.80	27.00
	SDT	67.90	77.20	86.50	95.80	105.20	114.70	124.20	133.70
	KW	1.33	1.51	1.72	1.95	2.21	2.50	2.81	3.16
55	TCG	42.20	40.60	38.90	37.20	35.40	33.60	31.70	29.80
	SDT	69.20	78.30	87.50	96.80	106.20	115.60	125.10	134.50
	KW	1.34	1.52	1.72	1.95	2.21	2.50	2.82	3.17
N4A336AKA, N4A336GKA									
30	TCG	31.50	29.90	28.20	26.50	24.70	22.80	20.90	18.80
	SDT	72.10	81.10	90.20	99.30	108.50	117.70	127.00	136.30
	kW	1.62	1.82	2.05	2.31	2.59	2.90	3.23	3.58
35	TCG	34.70	32.90	31.10	29.20	27.30	25.30	23.20	21.00
	SDT	73.70	82.50	91.50	100.50	109.60	118.70	127.90	137.10
	kW	1.63	1.83	2.06	2.32	2.60	2.91	3.25	3.61
40	TCG	38.10	36.20	34.20	32.20	30.10	27.90	25.70	23.30
	SDT	75.30	84.00	92.80	101.80	110.70	119.80	128.90	138.00
	kW	1.64	1.84	2.07	2.33	2.62	2.93	3.27	3.63
45	TCG	41.70	39.60	37.50	35.30	33.10	30.70	28.30	25.70
	SDT	77.00	85.60	94.30	103.10	112.00	121.00	129.90	138.90
	kW	1.65	1.86	2.09	2.34	2.63	2.94	3.28	3.65
50	TCG	45.60	43.30	41.00	38.60	36.20	33.70	31.00	28.20
	SDT	78.90	87.30	95.90	104.60	113.30	122.20	131.00	139.90
	kW	1.67	1.87	2.10	2.36	2.64	2.96	3.30	3.67
55	TCG	49.60	47.10	44.60	42.00	39.40	36.70	33.80	30.80
	SDT	80.80	89.10	97.50	106.10	114.70	123.40	132.10	140.80
	kW	1.69	1.89	2.12	2.38	2.66	2.97	3.31	3.68

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
N4A342AKA, N4A342GKA									
30	TCG	38.00	36.00	33.90	31.90	29.70	27.60	25.30	22.90
	SDT	73.20	82.30	91.40	100.60	109.80	119.10	128.40	137.70
	kW	1.95	2.20	2.48	2.80	3.14	3.53	3.95	4.41
35	TCG	41.90	39.70	37.40	35.10	32.80	30.50	28.00	25.50
	SDT	74.80	83.70	92.80	101.90	111.00	120.20	129.40	138.60
	kW	1.97	2.22	2.50	2.81	3.16	3.54	3.97	4.43
40	TCG	46.00	43.60	41.10	38.70	36.20	33.60	30.90	28.10
	SDT	76.40	85.20	94.20	103.20	112.20	121.30	130.40	139.50
	kW	1.98	2.23	2.52	2.83	3.18	3.56	3.98	4.44
45	TCG	50.30	47.70	45.10	42.40	39.60	36.80	33.90	30.90
	SDT	78.10	86.90	95.70	104.60	113.50	122.50	131.40	140.40
	kW	2.01	2.26	2.54	2.85	3.19	3.58	4.00	4.45
50	TCG	54.90	52.10	49.20	46.20	43.20	40.20	37.00	33.60
	SDT	80.00	88.60	97.20	106.00	114.80	123.70	132.50	141.30
	kW	2.03	2.28	2.56	2.87	3.21	3.60	4.01	4.47
55	TCG	59.70	56.60	53.40	50.20	46.90	43.50	40.10	36.40
	SDT	81.90	90.30	98.90	107.50	116.20	124.90	133.60	142.20
	kW	2.06	2.30	2.58	2.89	3.23	3.62	4.03	4.48
N4A348AKA, N4A348GKA									
30	TCG	41.60	39.30	37.10	34.80	32.40	30.00	27.40	24.80
	SDT	73.90	83.20	92.60	101.90	111.30	120.80	130.20	139.70
	kW	2.24	2.54	2.87	3.24	3.64	4.08	4.56	5.08
35	TCG	45.80	43.40	40.90	38.50	35.90	33.30	30.60	27.70
	SDT	75.40	84.70	93.90	103.20	112.50	121.90	131.30	140.70
	kW	2.25	2.55	2.88	3.25	3.66	4.10	4.59	5.11
40	TCG	50.30	47.70	45.10	42.40	39.60	36.80	33.90	30.90
	SDT	77.00	86.20	95.30	104.50	113.80	123.00	132.30	141.60
	kW	2.26	2.56	2.89	3.26	3.67	4.12	4.61	5.14
45	TCG	55.10	52.30	49.50	46.60	43.60	40.60	37.50	34.20
	SDT	78.60	87.70	96.80	105.90	115.00	124.20	133.40	142.60
	kW	2.27	2.57	2.90	3.27	3.68	4.13	4.62	5.15
50	TCG	60.20	57.20	54.20	51.10	47.90	44.60	41.20	37.70
	SDT	80.30	89.40	98.40	107.40	116.40	125.50	134.50	143.50
	kW	2.28	2.59	2.92	3.29	3.70	4.15	4.64	5.17
55	TCG	65.70	62.50	59.20	55.80	52.40	48.90	45.20	41.30
	SDT	82.10	91.10	100.00	108.90	117.80	126.80	135.70	144.50
	kW	2.30	2.60	2.94	3.30	3.71	4.16	4.65	5.18

TCG = Gross Cooling Capacity (x 1000 BTU/hr)
 SDT = Saturated Temperature Leaving Compressor
 kW = Outdoor Unit Kilowatts

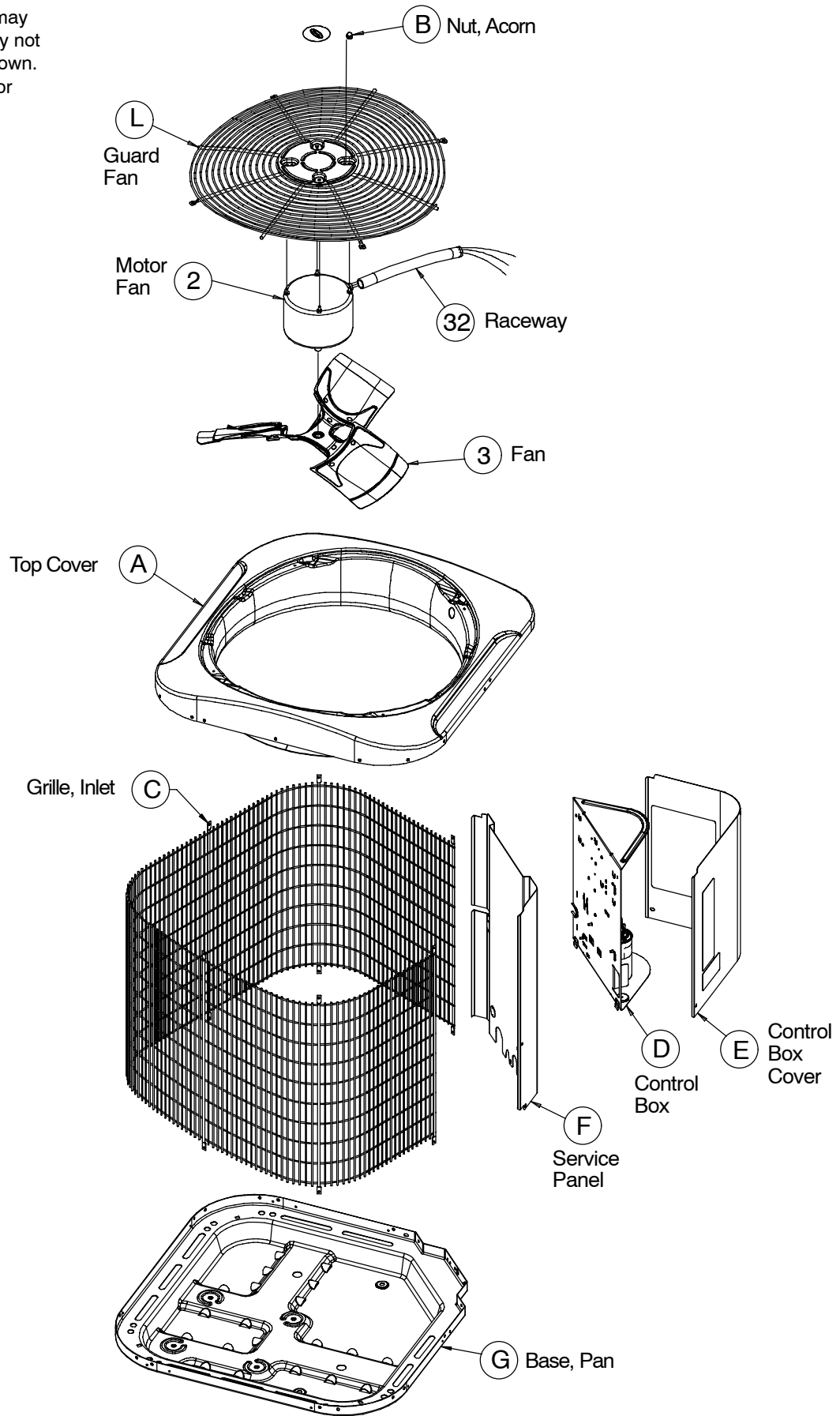
Data for Condenser Only (Cooling)									
Saturated Suction Temperature °F		Condenser Entering Air Temperature °F							
		55	65	75	85	95	105	115	125
N4A360AKB, N4A360GKB									
30	TCG	57.30	54.20	51.10	47.90	44.60	41.30	37.80	34.10
	SDT	77.40	86.30	95.20	104.30	113.30	122.30	131.30	140.30
	KW	2.71	3.05	3.43	3.86	4.33	4.84	5.40	5.99
35	TCG	62.90	59.50	56.10	52.60	49.00	45.40	41.60	37.50
	SDT	79.30	88.00	96.90	105.80	114.70	123.70	132.60	141.40
	KW	2.76	3.11	3.49	3.92	4.39	4.90	5.46	6.06
40	TCG	68.70	65.00	61.30	57.50	53.60	49.60	45.50	41.00
	SDT	81.30	89.90	98.70	107.50	116.20	125.00	133.80	142.50
	KW	2.83	3.17	3.56	3.98	4.45	4.96	5.52	6.12
45	TCG	74.80	70.80	66.70	62.60	58.30	54.00	49.40	44.60
	SDT	83.40	91.90	100.50	109.20	117.80	126.50	135.10	143.60
	KW	2.90	3.24	3.62	4.05	4.52	5.03	5.58	6.18
50	TCG	81.20	76.80	72.30	67.80	63.10	58.40	53.40	48.10
	SDT	85.60	94.00	102.50	111.00	119.50	128.00	136.40	144.70
	KW	2.97	3.32	3.70	4.12	4.59	5.10	5.65	6.24
55	TCG	87.80	83.00	78.10	73.10	68.10	62.90	57.50	51.70
	SDT	88.00	96.20	104.40	112.80	121.10	129.50	137.70	145.80
	KW	3.05	3.40	3.78	4.20	4.66	5.17	5.72	6.30

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

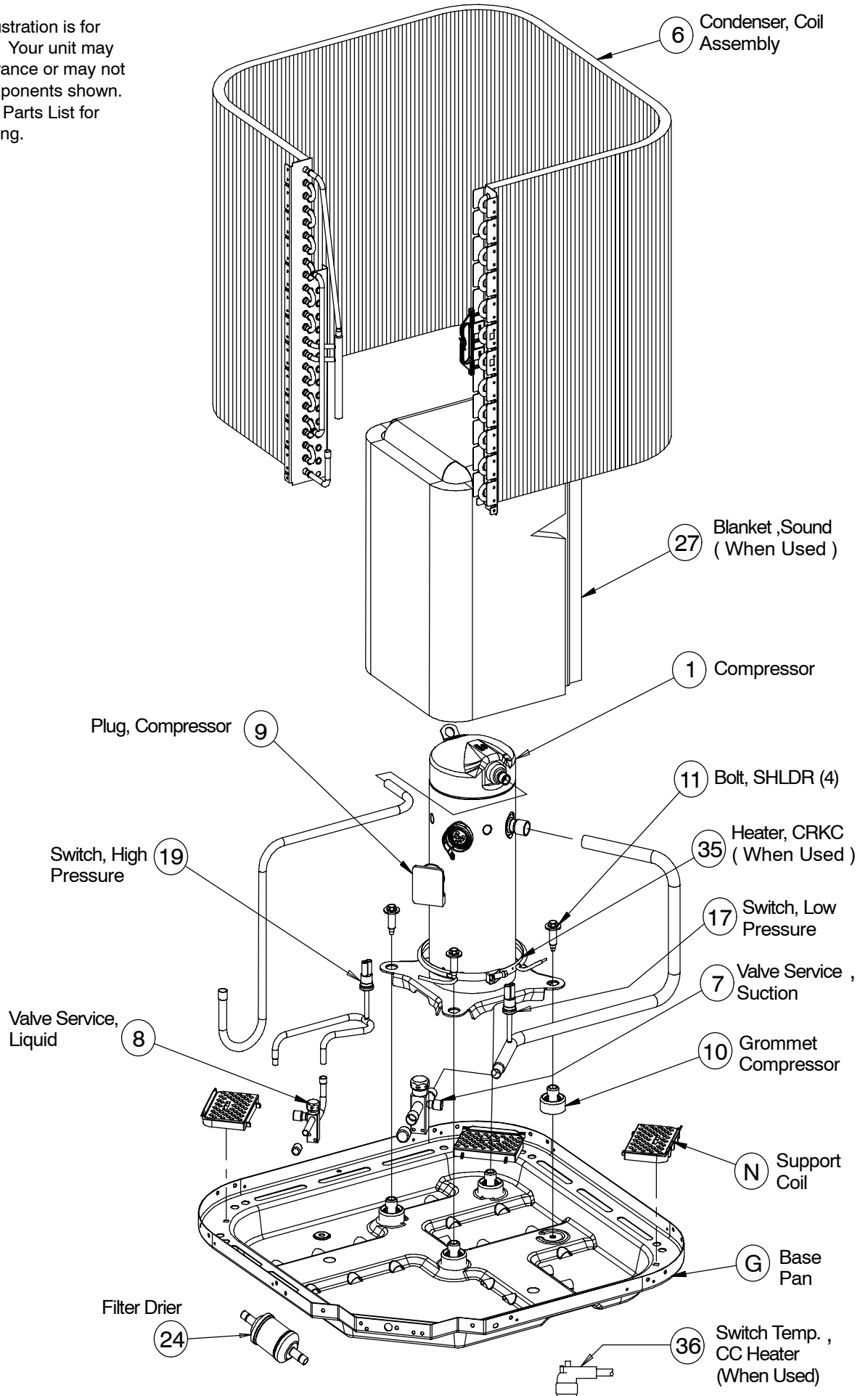
SDT = Saturated Temperature Leaving Compressor

kW = Outdoor Unit Kilowatts

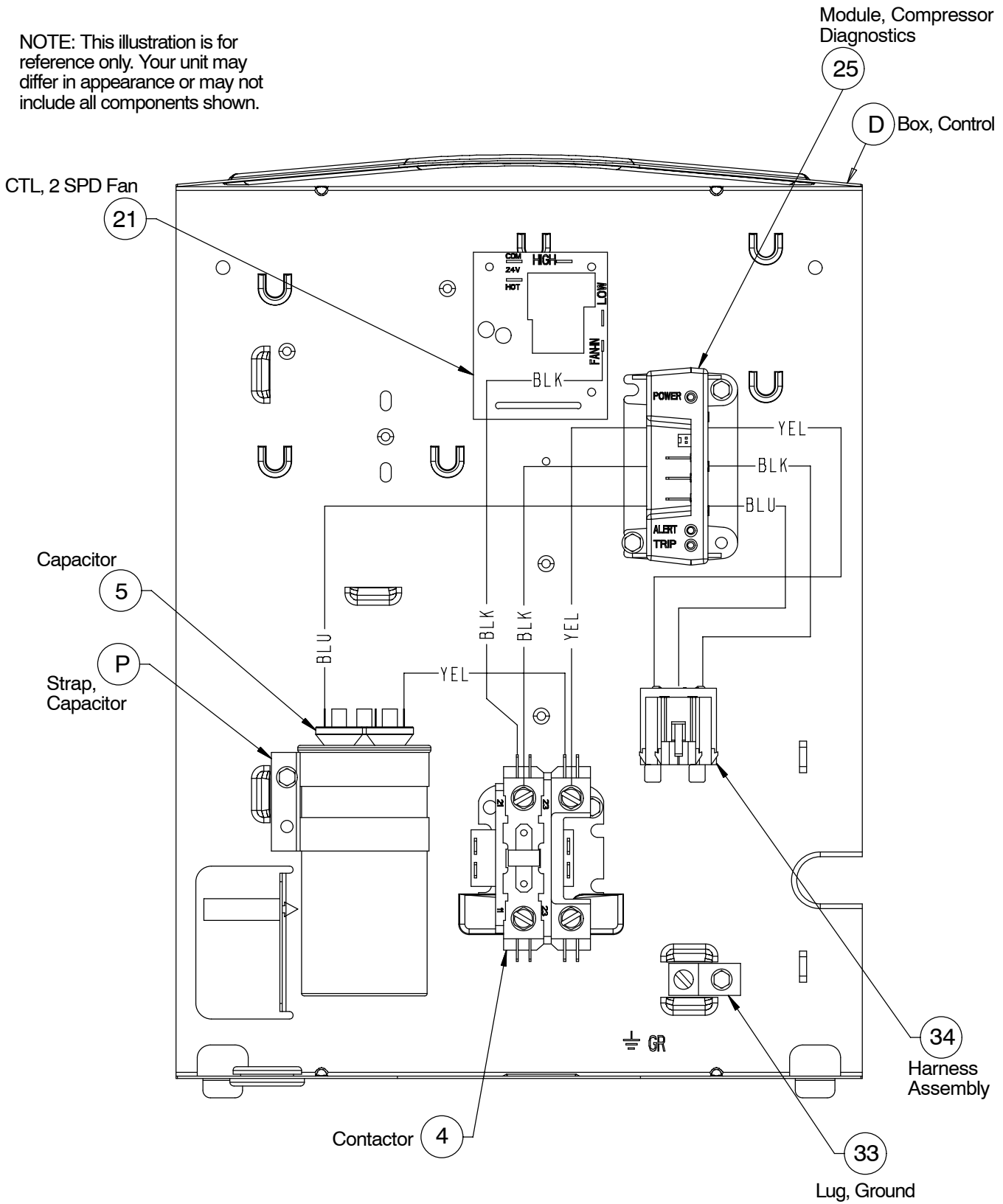
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown. Please refer to Parts List for exact parts listing.



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.



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



N4A3 PARTS LIST																
KEY NO.	DESCRIPTION	PART NO.	N4A318AKA100	N4A318GKA100	N4A324AKA100	N4A324GKA100	N4A330AKB100	N4A330GKB100	N4A336AKA100	N4A336GKA100	N4A342AKA100	N4A342GKA100	N4A348AKA100	N4A348GKA100	N4A360AKB100	N4A360GKB100
1	Compressor	ZP16K5EPFV130	1	1	-	-	-	-	-	-	-	-	-	-	-	-
1		ZP20K5EPFV130	-	-	1	1	-	-	-	-	-	-	-	-	-	-
1		ZP24K5EPFV130	-	-	-	-	1	1	-	-	-	-	-	-	-	-
1		ZP29K5EPFV130	-	-	-	-	-	-	1	1	-	-	-	-	-	-
1		ZP36K5EPFV130	-	-	-	-	-	-	-	-	1	1	-	-	-	-
1		ZP39K5EPFV130	-	-	-	-	-	-	-	-	-	-	1	1	-	-
1		ZP51K5EPFV130	-	-	-	-	-	-	-	-	-	-	-	-	1	1
2	Motor, Condenser Fan	1172706	1	1	-	-	-	-	-	-	-	-	-	-	-	-
2		1172707	-	-	1	1	1	1	-	-	-	-	-	-	-	-
2		1172709	-	-	-	-	-	-	1	1	-	-	1	1	-	-
2		1172775	-	-	-	-	-	-	-	-	1	1	-	-	-	-
2		1173665	-	-	-	-	-	-	-	-	-	-	-	-	1	1
3	Fan Blade	1172711	1	1	-	-	-	-	-	-	-	-	-	-	-	-
3		1172712	-	-	1	1	1	1	-	-	-	-	-	-	-	-
3		1172714	-	-	-	-	-	-	1	1	-	-	-	-	-	-
3		1172713	-	-	-	-	-	-	-	-	1	1	-	-	-	-
3		1173854	-	-	-	-	-	-	-	-	-	-	1	1	-	-
3		1172716	-	-	-	-	-	-	-	-	-	-	-	-	1	1
4	Contactor, 30 Amp	1172472	1	1	1	1	1	1	1	1	1	1	1	1	-	-
4	40 Amp	1172786	-	-	-	-	-	-	-	-	-	-	-	-	1	1
5	Capacitor, 370V 30+5 Mfd	1172109	1	1	-	-	-	-	-	-	-	-	-	-	-	-
5	370V 35+5 Mfd	1172110	-	-	1	1	-	-	-	-	-	-	-	-	-	-
5	370V 40+5 Mfd	1172147	-	-	-	-	1	1	-	-	-	-	-	-	-	-
5	370V 45+5 Mfd	1172124	-	-	-	-	-	-	1	1	1	1	1	1	-	-
5	370V 70+7.5 Mfd	1172295	-	-	-	-	-	-	-	-	-	-	-	-	1	1
6	Condenser Coil	1172720	1	1	-	-	-	-	-	-	-	-	-	-	-	-
6		1172721	-	-	1	1	-	-	-	-	-	-	-	-	-	-
6		1172723	-	-	-	-	-	-	1	1	-	-	-	-	-	-
6		1172719	-	-	-	-	-	-	-	-	1	1	-	-	-	-
6		1172718	-	-	-	-	-	-	-	-	-	-	1	1	-	-
6		1172724	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6		1175034	-	-	-	-	1	1	-	-	-	-	-	-	-	-
6		1175035	-	-	-	-	-	-	-	-	-	-	-	-	1	1
7	Service Valve, Suction	1172725	1	1	1	1	-	-	-	-	-	-	-	-	-	-
7		1172726	-	-	-	-	1	1	1	1	-	-	-	-	-	-
7		1172727	-	-	-	-	-	-	-	-	1	1	1	1	1	1
8	Service Valve, Liquid	1172728	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	Plug, Compressor Harness	1172729	1	1	1	1	-	-	-	-	-	-	-	-	-	-

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N4A3 PARTS LIST (continued)																
KEY NO.	DESCRIPTION	PART NO.	N4A318AKA100	N4A318GKA100	N4A324AKA100	N4A324GKA100	N4A330AKB100	N4A330GKB100	N4A336AKA100	N4A336GKA100	N4A342AKA100	N4A342GKA100	N4A348AKA100	N4A348GKA100	N4A360AKB100	N4A360GKB100
9		1172730	-	-	-	-	1	1	-	-	1	1	-	-	-	-
9		1172731	-	-	-	-	-	-	1	1	-	-	1	1	-	-
9		1172732	-	-	-	-	-	-	-	-	-	-	-	-	1	1
10	Grommet, Compressor	1171270	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	Bolt, Compressor Mounting	1173630	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	Distributor	1172021	-	-	-	-	-	-	-	-	-	-	-	-	1	1
24	Drier	1174100	1	1	1	1	-	-	-	-	1	1	1	1	-	-
24		1174195	1	1	1	1	-	-	-	-	1	1	1	1	1	1
24		1174727	-	-	-	-	1	1	-	-	-	-	-	-	-	-
24		1173955	-	-	-	-	-	-	1	1	-	-	-	-	-	-
32	Raceway	1173642	1	1	1	1	1	1	1	1	-	-	-	-	-	-
32		1173651	-	-	-	-	-	-	-	-	1	1	1	1	-	-
32		1173664	-	-	-	-	-	-	-	-	-	-	-	-	1	1
33	Lug, Ground	1172300	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)	Harness, Wire Asy.	1172736	1	1	1	1	1	1	1	1	1	1	1	1	1	1
A	Panel, Top	1174064	1	1	1	1	1	1	1	1	-	-	-	-	-	-
A		1174075	-	-	-	-	-	-	-	-	1	1	1	1	-	-
A		1174079	-	-	-	-	-	-	-	-	-	-	-	-	1	1
B	Nut, Hex	1172740	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C	Grille, Inlet	1172741	1	-	1	-	1	-	-	-	-	-	-	-	-	-
C		1172747	-	1	-	1	-	1	-	-	-	-	-	-	-	-
C		1172742	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C		1172748	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C		1172743	-	-	-	-	-	-	1	-	-	-	-	-	-	-
C		1172749	-	-	-	-	-	-	-	1	-	-	-	-	-	-
C		1172744	-	-	-	-	-	-	-	-	1	-	-	-	-	-
C		1172750	-	-	-	-	-	-	-	-	-	1	-	-	-	-
C		1172745	-	-	-	-	-	-	-	-	-	-	1	-	-	-
C		1172751	-	-	-	-	-	-	-	-	-	-	-	1	-	-
C		1172746	-	-	-	-	-	-	-	-	-	-	-	-	1	-
C		1172752	-	-	-	-	-	-	-	-	-	-	-	-	-	1
C		1173674	-	-	-	-	-	-	-	-	-	-	-	-	1	-
C		1173675	-	-	-	-	-	-	-	-	-	-	-	-	-	1
D	Box, Control	1172753	1	1	1	1	1	1	1	1	1	1	1	1	1	1
E	Cover, Control Box	1174065	1	1	1	1	-	-	1	1	1	1	1	1	-	-
E		1175036	-	-	-	-	1	1	-	-	-	-	-	-	-	-
E		1175037	-	-	-	-	-	-	-	-	-	-	-	-	1	1

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N4A3 PARTS LIST (continued)																
KEY NO.	DESCRIPTION	PART NO.	N4A318AKA100	N4A318GKA100	N4A324AKA100	N4A324GKA100	N4A330AKB100	N4A330GKB100	N4A336AKA100	N4A336GKA100	N4A342AKA100	N4A342GKA100	N4A348AKA100	N4A348GKA100	N4A360AKB100	N4A360GKB100
F	Panel, Service	1172755	1	1	1	1	1	1	-	-	-	-	-	-	-	-
F		1174066	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F		1174080	-	-	-	-	-	-	1	1	-	-	-	-	1	1
F		1174071	-	-	-	-	-	-	-	-	1	1	-	-	-	-
F		1174777	-	-	-	-	-	-	-	-	-	-	1	1	-	-
G	Pan, Base	1174067	1	1	1	1	1	1	1	1	-	-	-	-	-	-
G		1174076	-	-	-	-	-	-	-	-	1	1	1	1	-	-
G		1174081	-	-	-	-	-	-	-	-	-	-	-	-	1	1
L	Guard, Fan	1172763	1	1	1	1	1	1	1	1	-	-	-	-	-	-
L		1172764	-	-	-	-	-	-	-	-	1	1	1	1	-	-
L		1172765	-	-	-	-	-	-	-	-	-	-	-	-	1	1
N	Support, Coil	1173645	3	3	3	3	-	-	3	3	5	5	5	5	-	-
N		1174068	-	-	-	-	3	3	-	-	-	-	-	-	5	5
P	Strap, Capacitor	1172734	1	1	1	1	1	1	1	1	1	1	1	1	-	-
P		1172735	-	-	-	-	-	-	-	-	-	-	-	-	1	1
)	Manual, Installation	42101510001	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)	Manual, Owners	42102500000	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)	Warranty	40106401000	1	1	1	1	1	1	1	1	1	1	1	1	1	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:	N	4	A	3	18	A	K	A	1	0	0
H = Heil Mainline											
N = Heil Entry BRANDING											
2 = R-22											
4 = R-410A REFRIGERANT											
A = Air Conditioner											
H = Heat Pump TYPE											
3 = 13 SEER											
4 = 14 SEER NOMINAL EFFICIENCY											
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 NOMINAL CAPACITY											
A = Standard Grille											
G = Coil Guard Grille											
C = Coastal FEATURES											
K = 208/230-1-60 VOLTAGE											
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	01	01	CH	
N = Non-Branded BRANDING									
A = Accessory PRODUCT GROUP									
S = Split System (AC & HP) KIT USAGE									
A = Original									
B = 2nd Generation MAJOR SERIES									
0 = Generic or Not Applicable									
2 = R-22									
4 = R-410A REFRIGERANT									
Product Identifier Number									
Package Quantity									
Type of Kit (Example: CH = Crankcase Heater)									