

COASTAL 14 SEER AIR CONDITIONER

14 SEER/11.5–12.5 EER
R-410A REFRIGERANT
1-1/2 THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz
REFRIGERATION CIRCUIT

- Scroll compressors on all models
- Filter-drier included for field installation
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- Baked-on powder coat finish on all sides
- Corrosion protection epoxy phenolic coated aluminum fins
- Coated, weather-resistant cabinet screws
- Coastal coated inlet grille with 3/8 (10mm) grille spacing for extra protection

WARRANTY*

- 5 year parts limited warranty (including compressor and coil)
 - With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

* For residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x length/width (sq.) inches (mm)	Operating/ Ship Weight lbs. (kg)
N4A418CKA	1-1/2	18,000	11.7	20	28-7/16 x 23-1/8 (722 x 587)	111/133 (50/60)
N4A424CKA	2	24,000	14.1	25	28-7/16 x 31-3/16 (722 x 792)	136/170 (62/77)
N4A430CKA	2-1/2	30,000	16.8	25	24-13/16 x 31-3/16 (630 x 792)	152/183 (69/83)
N4A436CKA	3	36,000	17.8	30	24-13/16 x 31-3/16 (630 x 792)	155/186 (70/84)
N4A442CKA	3-1/2	42,000	22.3	35	28-7/16 x 31-3/16 (722 x 792)	189/220 (86/100)
N4A448CKA	4	48,000	24.5	40	35-3/4 x 31-3/16 (908 x 792)	199/233 (90/106)
N4A460CKA	5	60,000	31.7	50	39-1/8 x 35 (994 x 889)	248/289 (113/131)

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	4	18	C	K	A	1	0	1
C = Comfortmaker Mainline N = Comfortmaker Entry BRANDING											
4 = R-410A REFRIGERANT											
A = Air Conditioner H = Heat Pump TYPE											
4 = 14 SEER NOMINAL EFFICIENCY											
18 = 18,000 BTUH = 1-1/2 tons 24 = 24,000 BTUH = 2 tons 30 = 30,000 BTUH = 2-1/2 tons 36 = 36,000 BTUH = 3 tons 42 = 42,000 BTUH = 3-1/2 tons 48 = 48,000 BTUH = 4 tons 60 = 60,000 BTUH = 5 tons NOMINAL CAPACITY											
C = Coastal Unit 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)									

PHYSICAL DATA

UNIT SIZE SERIES	18	24	30	36	42	48	60
Operating Weight (lb)	111	136	151.5	155	189	199	248
Shipping Weight (lb)	133	170	183	186	220	233	289
Compressor Type	Scroll						
REFRIGERANT	R-410A						
Charge (lb)	4	6.30	7.07	6.77	8.07	9.92	13.20
COND FAN	Propeller Type, Direct Drive						
Air Discharge	Vertical						
Air Qty (CFM)	1792	2200	2600	2600	3937	3600	4209
Motor HP	1/12	1/12	1/10	1/10	1/4	1/4	1/4
Motor RPM	1100	850	1100	1100	1100	1100	800
COND COIL							
Face Area (Sq ft)	9.8	15.1	12.9	12.9	15.1	19.4	25.1
Fins per In.	20	20	20	20	20	20	20
Rows	1	1	2	2	2	2	2
Circuits	3	4	5	5	6	7	10
VALVE CONNECT. (In. ID)							
Vapor	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Liquid	3/8"						
REFRIGERANT TUBES* (In. OD)							
Vapor (0-80 Ft Tube Length)	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1 1/8"
Liquid (0-80 Ft Tube Length)	3/8"						

*Units are rated with 25 ft (7.6 m) of lineset length. See *Vapor Line Sizing and Cooling Capacity Loss* table when using other sizes and lengths of lineset.

Note: See unit Installation Instruction for proper installation.

VAPOR LINE SIZING AND COOLING CAPACITY LOSS

Acceptable vapor line diameters provide adequate oil return to the compressor while avoiding excessive capacity loss. The suction line diameters shown in the chart below are acceptable for AC systems with R-410A refrigerant:

Vapor Line Sizing and Cooling Capacity Losses – R-410A Refrigerant 1- Stage Air Conditioner Applications

Unit Nominal Size (Btuh)	Acceptable Vapor Line Diameters (In. OD)	Cooling Capacity Loss (%) Total Equivalent Line Length (ft)										
		Standard Application			Long Line Application Requires Accessories							
		25 (7.62)	50 (15.2)	80 (24.4)	80+ (24.4+)	100 (30.48)	125 (38.10)	150 (45.72)	175 (53.34)	200 (60.96)	225 (68.58)	250 (76.20)
18000 1-Stage R-410A AC	1/2	1	2	3	3	4	6	7	8	9	10	12
	5/8	0	0	1	1	1	1	2	2	3	3	3
24000 1-Stage R-410A AC	5/8	0	1	1	1	2	3	3	4	4	5	6
	3/4	0	0	0	0	0	1	1	1	1	1	2
30000 1-Stage R-410A AC	5/8	1	2	3	3	3	4	5	6	7	8	9
	3/4	0	0	1	1	1	1	2	2	2	3	3
	7/8	0	0	0	0	0	1	1	1	1	1	1
36000 1-Stage R-410A AC	5/8	1	2	4	4	5	6	7	9	10	11	13
	3/4	0	0	1	1	1	2	2	3	3	4	4
	7/8	0	0	0	0	0	1	1	1	1	2	2
42000 1-Stage R-410A AC	3/4	0	1	2	2	2	3	4	4	5	6	6
	7/8	0	0	1	1	1	1	2	2	2	3	3
48000 1-Stage R-410A AC	3/4	0	1	2	2	3	4	5	5	6	7	8
	7/8	0	0	1	1	1	2	2	2	3	3	4
60000 1-Stage R-410A AC	3/4	1	2	4	4	5	6	7	9	10	11	12
	7/8	0	1	2	2	2	3	4	4	5	5	6
	1 1/8	0	0	0	0	1	1	1	1	1	1	2

Standard Length = 80 ft. (24.4 m) or less total equivalent length

Applications in this area are long line. Accessories are required as shown recommended on Long Line Application Guidelines

Applications in this area may have height restrictions that limit allowable total equivalent length, when outdoor unit is below indoor unit. See Long Line Application Guidelines

LONG LINE APPLICATION – An application is considered Long Line, when the refrigerant level in the system requires the use of accessories to maintain acceptable refrigerant management for systems reliability. See Accessory Usage Guideline table for required accessories. Defining a system as long line depends on the liquid line diameter, actual length of the tubing, and vertical separation between the indoor and outdoor units. See Long Line Applications Guideline for details.

ELECTRICAL DATA

UNIT SIZE	V/PH	OPER VOLTS*		COMPR		FAN	MCA	MIN WIRE SIZE†	MIN WIRE SIZE†	MAX LENGTH (FT)‡	MAX LENGTH (FT)‡	MAX FUSE** or CKT BRK AMPS
		MAX	MIN	LRA	RLA	FLA		60° C	75° C	60° C	75° C	
18	208/230/1	253	197	47.5	9	0.4	11.7	14	14	62	59	20
24				62.9	10.9	0.5	14.1	14	14	56	53	25
30				67.8	12.8	0.75	16.8	12	14	74	45	25
36				78	13.6	0.75	17.8	12	14	70	42	30
42				109	16.7	1.4	22.3	10	12	90	53	35
48				124	18.5	1.4	24.5	10	10	82	78	40
60				144.2	24.4	1.2	31.7	8	10	98	60	50

* Permissible limits of the voltage range at which the unit will operate satisfactorily

** Time-Delay fuse.

† If wire is applied at ambient greater than 30° C (86° F), consult table 310-16 of the NEC (ANSI/NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60° C (140° F) conditions, per the NEC (ANSI/NFPA 70) Article 336-26. If other than uncoated (no-plated), 60 or 75° C (140 or 167° C) insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

‡ Length shown is as measured 1 way along wire path between unit and service panel for voltage drop not to exceed 2%.

FLA — Full Load Amps

LRA — Locked Rotor Amps

MCA — Minimum Circuit Amps

RLA — Rated Load Amps

NOTE: Control circuit is 24-V on all units and requires external power source. Copper wire must be used from service disconnect to unit.

All motors/compressors contain internal overload protection.

Complies with 2007 requirements of ASHRAE Standards 90.1

A-WEIGHTED SOUND POWER (dBA) WITHOUT SOUND SHIELD

UNIT SIZE	STANDARD RATING (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18	76	50.3	58.1	63.6	73.5	69.3	65.1	54.0
24	73	53.2	61.6	65.2	69.8	65.0	61.4	53.8
30	76	57.0	64.5	70.3	72.5	68.4	64.1	57.8
36	77	53.8	64.4	69.9	73.5	69.5	66.2	59.7
42	76	58.7	68.0	69.7	70.1	67.6	64.5	57.1
48	75	53	67	62	69	62	58	50
60	73	52	57	61	66	59	57	51

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI).

A-WEIGHTED SOUND POWER WITH SOUND HOOD

UNIT SIZE	STANDARD RATING (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18	72	51.0	57.7	63.1	69.7	64.7	59.5	53.2
24	72	54.4	62.0	65.0	67.7	64.1	60.8	53.1
30	76	56.2	64.7	69.9	71.7	68.2	63.8	57.1
36	76	53.7	64.5	69.5	72.3	68.5	65.2	59.3
42	75	58.9	67.0	69.4	69.7	66.7	61.9	53.5
48	74	52	66	62	68	62	56	48
60	72	51	57	60	65	59	55	48

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI).

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE-SERIES	REQUIRED SUBCOOLING °F (°C)
18	11 (6.1)
24	11 (6.1)
30	8 (4.4)
36	8 (4.4)
42	10 (5.6)
48	11 (6.1)
60	15 (8.3)

DIMENSIONS – ENGLISH

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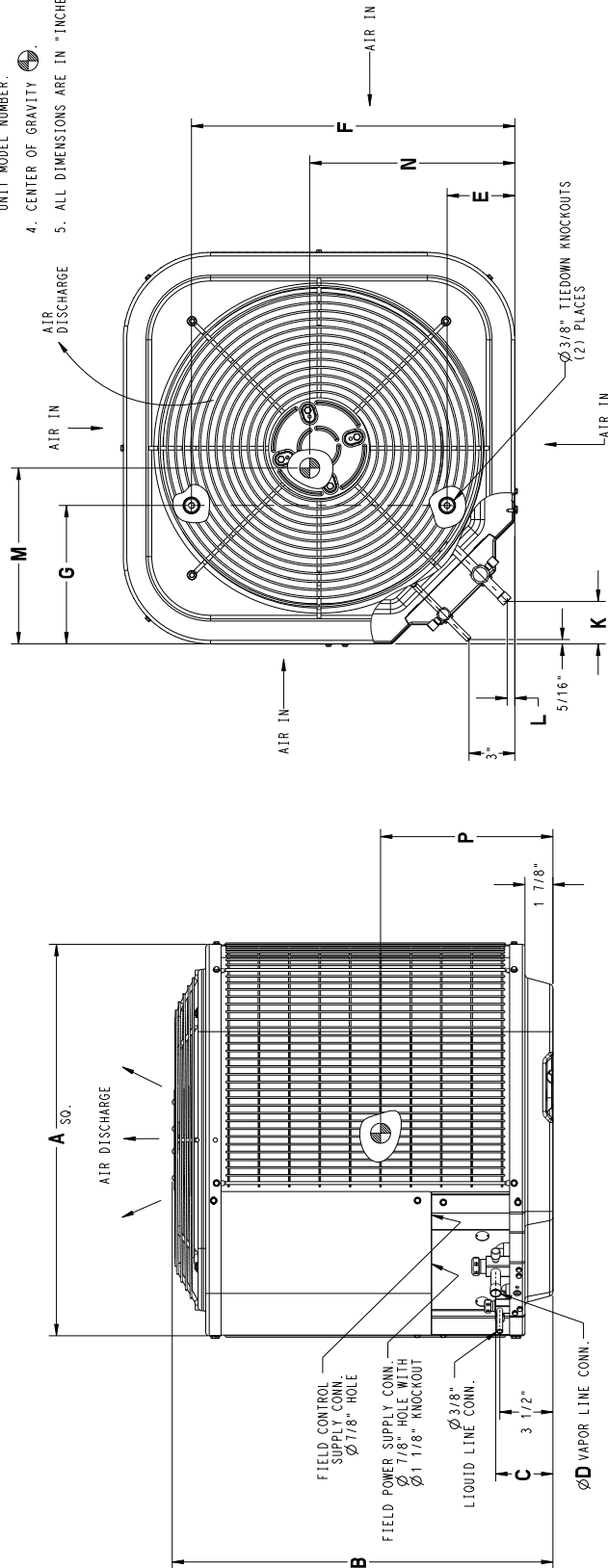
UNIT	SERIES	ELECTRICAL CHARACTERISTICS			A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)
N4A418CA	1	X	0	0	23 1/8"	28 7/16"	3 3/4"	3/4"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1/2"	12"	12 1/2"	13 3/4"	111	133	24 1/8" X 24 1/8" X 30 5/8"
N4A424CA	1	X	0	0	31 3/16"	28 7/16"	3 3/4"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1/2"	15"	16"	14 1/4"	136	170	33 3/8" X 33 3/8" X 30 5/8"
N4A430CA	1	X	0	0	31 3/16"	24 13/16"	3 3/4"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 13/16"	1/2"	16"	16 1/2"	12 1/4"	151.5	183	33 3/8" X 33 3/8" X 27 3/16"
N4A436CA	1	X	0	0	31 3/16"	24 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	17"	15"	12"	155	186	33 3/8" X 33 3/8" X 27 3/16"
N4A442CA	1	X	0	0	31 3/16"	28 7/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15 3/4"	17 3/4"	14 1/2"	189	220	33 3/8" X 33 3/8" X 30 5/8"
N4A448CA	1	X	0	0	31 3/16"	35 3/4"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	16 5/8"	15 1/4"	16 1/4"	199	233	33 3/8" X 33 3/8" X 40"
N4A460CA	1	X	0	0	35"	39 1/8"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	16"	17 3/4"	19 1/2"	248	289	36 1/8" X 36 1/8" X 42 3/4"

X = YES
0 = NO

UNIT SIZE	"X" MIN GROUND MOUNTING PAD APPLICATION DIMENSIONS	"Y" MIN ROOF-TOP MOUNTING PAD APPLICATION DIMENSIONS
18	23 1/8"	17 3/4"
24 THRU 48	25 3/4"	20 7/16"
60	31 3/16"	23"
	35"	26 3/4"

NOTES:

1. ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT, 48" ABOVE UNIT, 6" ON ONE SIDE, 12" ON REMAINING SIDE, AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 55°F, MAX. 125°F.
3. SERIES DESIGNATION IS THE 10TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY .
5. ALL DIMENSIONS ARE IN "INCHES" UNLESS NOTED.



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DIMENSIONS - SI

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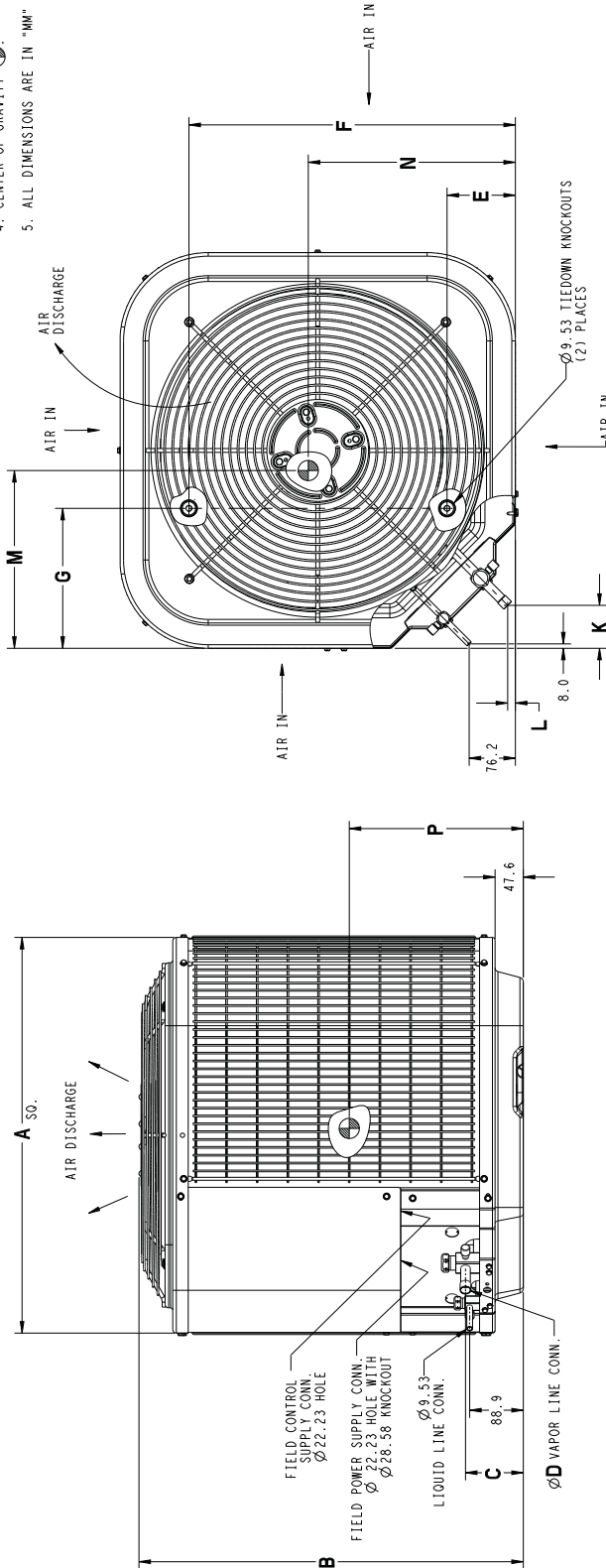
UNIT	SERIES	ELECTRICAL CHARACTERISTICS		A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (Kgs)	SHIPPING WEIGHT (Kgs)	SHIPPING DIMENSIONS (L x W x H)	
N4A430CKA	1	X	0	0	587.4	722.3	95.2	19.0	112.7	458.8	71.4	12.7	304.8	317.5	349.3	50.3	60.3	612.8 X 612.8 X 777.9	
N4A424CKA	1	X	0	0	792.2	722.3	95.2	19.0	166.7	627.7	71.4	12.7	381.0	406.4	362.0	61.7	77.1	846.6 X 846.6 X 777.9	
N4A430CKA	1	X	0	0	792.2	630.2	95.2	19.0	166.7	627.7	71.4	12.7	406.4	419.1	311.2	68.7	83.0	846.6 X 846.6 X 690.6	
N4A436CKA	1	X	0	0	792.2	630.2	98.4	22.2	166.7	627.7	74.6	15.9	431.8	381.0	304.8	70.3	84.4	846.6 X 846.6 X 690.6	
N4A442CKA	1	X	0	0	792.2	722.3	98.4	22.2	166.7	627.7	74.6	15.9	400.1	438.2	368.3	85.7	99.8	846.6 X 846.6 X 777.9	
N4A448CKA	1	X	0	0	792.2	908.0	98.4	22.2	166.7	627.7	74.6	15.9	422.3	387.4	412.8	90.3	105.7	846.6 X 846.6 X 1016.9	
N4A460CKA	1	X	0	0	889.0	993.8	98.4	22.2	166.7	722.3	74.6	15.9	406.4	450.9	495.3	112.5	131.1	917.6 X 917.6 X 1085.8	

X = YES
O = NO

UNIT SIZE	"X" MIN GROUND MOUNTING PAD APPLICATION DIMENSIONS	"Y" MIN ROOF-TOP MOUNTING PAD APPLICATION DIMENSIONS
18	587.3	451.3
24 THRU 48	654.0	518.5
60	792.2	583.2
	889.0	679.7

NOTES:

1. ALLOW 762.0 CLEARANCE TO SERVICE SIDE OF UNIT, 1219.2 ABOVE UNIT, 152.4 ON ONE SIDE, 304.8 ON REMAINING SIDE, AND 609.6 BETWEEN UNITS FOR PROPER AIRFLOW.
2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 13°C, MAX. 52°C.
3. SERIES DESIGNATION IS THE 10TH POSITION OF THE UNIT MODEL NUMBER.
4. CENTER OF GRAVITY 
5. ALL DIMENSIONS ARE IN "MM" UNLESS NOTED.



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DETAILED COOLING CAPACITIES#

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N4A418CKG Size Outdoor With EA*4X19L17A* Indoor Cooling																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
525	57	16.93	16.93	1.22	16.34	16.34	1.36	15.71	15.71	15.01	14.22	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32	13.32

CONDENSER ENTERING AIR TEMPERATURES deg F																			
EVAPORATOR AIR		75			85			95			105			115			125		
CFM	EWB °F (°C)	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW			
		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens				
N4A436CKA Size Outdoor With EAM4X37L21 Indoor Cooling																			
1050	57	33.25	33.25	2.27	32.03	32.03	2.92	30.75	29.33	2.78	29.33	27.70	3.07	27.70	25.82	3.43			
	62	33.81	31.48	2.27	32.31	30.77	2.52	30.80	29.38	2.78	29.38	27.74	3.07	27.74	25.85	3.43			
	63	34.45	25.48	2.27	32.89	24.81	2.52	31.26	24.12	2.78	29.49	23.37	3.07	27.48	25.20	3.42			
	67	37.03	26.49	2.28	33.36	25.82	2.53	33.60	25.12	2.80	31.67	23.37	3.10	29.52	23.53	3.45			
1200	57	40.65	21.36	2.29	38.82	20.70	2.56	36.88	20.01	2.83	34.76	19.26	3.14	32.38	18.44	3.50			
	62	34.65	34.65	2.33	33.34	33.34	2.58	31.96	31.96	2.85	30.43	30.43	3.14	28.67	26.66	3.50			
	63	34.70	34.70	2.33	33.39	33.39	2.59	32.00	32.00	2.85	30.47	30.47	3.15	28.71	26.70	3.49			
	67	37.65	28.39	2.34	34.08	26.99	2.60	34.08	26.99	2.86	32.08	26.22	3.16	29.85	25.37	3.52			
1350	57	41.28	22.56	2.36	39.39	21.89	2.63	37.36	21.18	2.90	35.16	20.42	3.21	32.70	19.59	3.57			
	62	35.82	35.82	2.39	34.43	34.43	2.65	32.95	32.95	2.92	31.32	31.32	3.22	29.46	29.46	3.57			
	63	35.87	35.87	2.39	34.47	34.47	2.65	32.99	32.99	2.92	31.36	31.36	3.22	29.50	29.50	3.57			
	67	38.11	28.96	2.39	33.84	28.26	2.65	32.09	27.54	2.91	30.20	26.75	3.20	28.08	25.86	3.58			
1500	57	38.11	30.23	2.40	36.32	29.54	2.66	34.43	28.81	2.93	32.38	28.02	3.23	30.10	27.14	3.58			
	62	41.74	23.70	2.42	39.77	23.03	2.69	37.69	22.31	2.97	35.42	21.54	3.28	32.90	20.70	3.64			
	N4A42CKA Size Outdoor With EA4X43L21A* Indoor Cooling																		
	57	39.42	39.42	2.77	38.01	38.01	3.03	36.54	34.94	3.32	34.94	33.18	3.67	33.18	31.18	4.07			
1250	62	40.19	36.52	2.77	38.44	35.71	3.03	36.68	36.45	3.32	35.00	35.00	3.67	33.23	31.23	4.07			
	63	40.88	29.60	2.77	39.07	28.82	3.03	37.20	28.03	3.32	35.20	27.20	3.67	33.02	26.30	4.07			
	67	43.99	30.77	2.78	42.03	29.99	3.04	40.00	29.20	3.33	37.84	28.36	3.68	35.49	27.46	4.08			
	72	48.32	24.89	2.80	46.14	24.11	3.05	43.88	23.31	3.34	41.51	22.48	3.69	38.93	21.60	4.09			
1400	57	40.85	40.85	2.83	39.34	39.34	3.09	37.77	37.77	3.38	36.07	36.07	3.73	34.19	32.08	4.13			
	62	41.02	40.70	2.83	39.40	39.40	3.09	37.83	37.83	3.39	36.12	36.12	3.73	34.24	32.12	4.13			
	63	41.52	31.30	2.83	39.63	30.50	3.09	37.69	29.70	3.38	35.64	28.85	3.73	33.38	27.93	4.13			
	67	44.65	32.60	2.84	42.60	31.80	3.10	40.50	30.99	3.39	38.28	30.14	3.74	35.86	29.22	4.14			
1575	72	48.99	26.03	2.86	46.72	25.23	3.11	44.39	24.43	3.40	41.94	23.59	3.75	39.27	22.69	4.15			
	57	42.20	42.20	2.91	40.58	40.58	3.17	38.91	38.91	3.46	37.10	37.10	3.81	35.11	35.11	4.21			
	62	42.26	42.26	2.91	40.64	40.64	3.17	38.96	38.96	3.46	37.15	37.15	3.81	35.16	35.16	4.21			
	63	42.05	33.19	2.91	40.11	33.11	3.17	38.11	31.56	3.46	35.98	30.69	3.81	33.69	29.74	4.21			
1800	67	45.19	34.65	2.92	43.08	33.83	3.18	40.92	33.01	3.47	38.62	32.13	3.81	36.15	31.18	4.22			
	72	49.54	27.30	2.94	47.20	26.50	3.19	44.79	25.68	3.48	42.25	24.82	3.82	39.53	23.92	4.22			
	N4A48CKA Size Outdoor With EA4X46L24A* Indoor Cooling																		
	57	44.69	44.69	3.13	43.10	43.10	3.43	41.40	39.55	3.77	39.55	37.50	4.17	37.50	35.22	4.62			
1400	62	45.72	42.76	3.14	43.76	41.81	3.43	41.71	39.60	3.78	39.60	37.55	4.17	37.55	35.27	4.62			
	63	46.45	34.73	3.14	44.39	33.80	3.43	42.24	32.85	3.78	39.91	31.83	4.17	37.37	30.72	4.62			
	67	50.04	36.11	3.14	47.83	35.19	3.44	45.50	34.22	3.79	42.99	33.20	4.19	40.26	32.10	4.64			
	72	55.01	29.34	3.15	52.60	28.43	3.46	50.04	27.47	3.81	47.28	26.45	4.21	44.28	25.36	4.67			
1600	57	46.53	46.53	3.21	44.82	44.82	3.51	42.99	42.99	3.86	41.00	41.00	4.26	38.81	36.38	4.71			
	62	46.81	45.90	3.21	44.86	44.86	3.51	43.05	43.05	3.86	41.06	41.06	4.26	38.86	36.42	4.71			
	63	47.29	36.94	3.22	45.17	36.01	3.51	42.91	35.03	3.86	40.50	33.98	4.26	37.88	32.85	4.70			
	67	50.90	38.48	3.22	48.62	37.56	3.52	46.20	36.58	3.87	43.58	35.53	4.27	40.78	34.40	4.72			
1800	72	55.94	30.83	3.23	53.43	29.90	3.54	50.75	28.92	3.89	47.88	27.87	4.29	44.79	26.77	4.75			
	57	48.03	48.03	3.29	46.22	46.22	3.59	44.28	42.17	3.94	42.17	39.85	4.34	39.85	37.29	4.80			
	62	48.09	48.09	3.29	46.28	46.28	3.59	44.34	44.34	3.94	42.22	42.22	4.34	39.90	37.33	4.80			
	67	47.93	39.06	3.29	45.73	39.06	3.59	43.42	37.10	3.94	40.94	36.03	4.34	38.26	35.38	4.78			
1800	67	51.57	40.77	3.30	49.20	39.82	3.60	46.70	38.82	3.95	44.03	37.75	4.35	41.15	36.58	4.80			
	72	56.62	32.23	3.31	54.02	31.29	3.61	51.26	30.29	3.97	48.31	29.24	4.37	45.11	28.12	4.83			
	72	56.62	32.23	3.31	54.02	31.29	3.61	51.26	30.29	3.97	48.31	29.24	4.37	45.11	28.12	4.83			

See notes on page 9

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F																							
		75				85				95				105				115				125			
CFM	EWB	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW			
		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens	
N4A460CKA Size Outdoor With EAM4X60L24 Indoor Cooling																									
1750	57	57.13	57.13	3.82		55.13	55.13	4.20		52.98	52.98	4.64		50.62	50.62	5.15		48.02	48.02	5.72		45.10	45.10	6.36	
	62	58.66	54.17	3.83		56.19	52.99	4.21		53.58	51.69	4.64		50.83	50.22	5.15		48.08	48.08	5.72		45.16	45.16	6.36	
	63	59.58	44.09	3.84		57.01	42.93	4.21		54.24	41.69	4.65		51.27	40.38	5.15		48.03	38.97	5.72		44.47	37.42	6.35	
	67	64.25	45.85	3.86		61.48	44.68	4.24		58.50	43.44	4.68		55.28	42.12	5.19		51.78	40.71	5.76		47.95	39.17	6.39	
	72	70.70	37.43	3.88		67.65	36.25	4.27		64.37	35.01	4.72		60.83	32.69	5.23		56.96	32.28	5.80		52.74	30.74	6.44	
2000	57	59.42	59.42	3.93		57.27	57.27	4.31		54.97	54.97	4.75		52.44	52.44	5.26		49.65	49.65	5.83		46.55	46.55	6.47	
	62	60.03	58.04	3.93		57.54	56.70	4.31		55.03	55.03	4.75		52.50	52.50	5.26		49.71	49.71	5.83		46.60	46.60	6.48	
	63	60.69	46.79	3.93		57.99	45.60	4.31		55.13	44.35	4.75		52.03	43.01	5.25		48.68	41.56	5.82		45.02	39.97	6.46	
	67	65.42	48.75	3.95		62.50	47.56	4.34		59.40	46.30	4.78		56.07	44.96	5.29		52.44	43.51	5.86		48.50	41.93	6.50	
	72	71.94	39.24	3.98		68.74	38.04	4.37		65.33	36.79	4.82		61.63	35.44	5.33		57.63	33.99	5.90		53.26	32.43	6.54	
2250	57	61.31	61.31	4.03		59.03	59.03	4.41		56.59	56.59	4.85		53.92	53.92	5.36		50.97	50.97	5.94		47.70	47.70	6.58	
	62	61.35	61.35	4.03		59.11	59.11	4.41		56.66	56.66	4.86		53.98	53.98	5.36		51.03	51.03	5.94		47.75	47.75	6.58	
	63	61.52	49.35	4.03		58.74	48.15	4.41		55.78	46.86	4.85		52.61	45.49	5.35		48.17	43.99	5.92		45.44	42.32	6.56	
	67	66.26	51.51	4.05		63.27	50.31	4.43		60.08	49.03	4.88		56.65	47.65	5.39		52.93	46.16	5.96		48.91	44.47	6.59	
	72	72.86	40.94	4.07		69.55	39.73	4.46		66.01	38.45	4.91		62.20	37.07	5.43		58.08	35.61	6.00		53.59	34.03	6.64	

TESTED AHRI COMBINATION RATINGS*

NOTE: Ratings contained in this document are subject to change at any time.

For AHRI ratings certificates, please refer to the AHRI directory. www.ahridirectory.org

Additional ratings and system combinations can be accessed via the Comfortmaker database:

<http://www.icpeqp.com/AHRIratings/ratings.aspx?Brand=Comfortmaker>

Or scan this QR code:



UNIT SIZE	INDOOR MODEL	AHRI STANDARD RATINGS						FURNACE MODEL
		COOLING						
		CAPACITY	FACTORY ENHANCE	SEER			EER	
STANDARD	TDR			TXV				
18	EA*4X19L17A*	17,400	TXV		14.00		11.50	
24	EA*4X25L17A*	23,400	TXV		14.00		12.00	
30	EA*4X37L21A*	28,600	TXV		14.50		12.50	
36	EA*4X37L21A*	33,600	TXV		14.00		12.00	
42	EA*4X43L21A*	40,000	TXV		14.00		12.00	
48	EA*4X60L24A*	45,500	TXV		14.00		12.00	
60	EA*4X60L24A*	57,500	TXV		14.00		11.70	

AHRI — Air Conditioning, Heating & Refrigeration Institute

EER — Energy Efficiency Ratio — 80°F (26.6°C) indoor db/67°F (19.4°C) indoor wb & 95°F (35°C) outdoor wb.

SEER — Seasonal Energy Efficiency Ratio

TDR — Time-Delay Relay. In most cases, only one method should be used to achieve TDR function. Using more than one method in a system may cause degradation in performance. Use either the accessory Time-Delay Relay or a furnace equipped with TDR. Most ICP furnaces are equipped with TDR.

NOTES:

1. Ratings are net values reflecting the effects of circulating fan motor heat. Supplemental electric heat is not included.
2. Tested outdoor/indoor combinations have been tested in accordance with DOE test procedures for central air conditioners. Ratings for other combinations are determined under DOE computer simulation procedures.
3. Determine actual CFM values obtainable for your system by referring to fan performance data in fan coil or furnace coil literature.
4. Do not apply with capillary tube coils as performance and reliability are significantly affected.

CONDENSER RATING ONLY

SST deg F		CONDENSER ENTERING AIR TEMPERATURES deg F							
		55	65	75	85	95	105	115	125
N4A418CKA									
30	TCG	15.60	14.50	13.50	12.60	11.70	10.70	9.70	8.70
	SDT	69.20	78.40	87.70	97.10	106.40	115.80	125.10	134.40
	KW	0.80	0.91	1.02	1.15	1.30	1.46	1.65	1.86
35	TCG	17.20	16.00	15.00	14.00	13.00	12.00	10.90	9.70
	SDT	70.40	79.60	88.90	98.20	107.50	116.80	126.00	135.10
	KW	0.80	0.91	1.02	1.16	1.30	1.47	1.65	1.87
40	TCG	18.80	17.60	16.50	15.40	14.40	13.30	12.10	10.90
	SDT	71.70	80.80	90.10	99.30	108.50	117.70	126.90	136.00
	KW	0.79	0.90	1.02	1.16	1.30	1.47	1.66	1.87
45	TCG	20.40	19.20	18.10	17.00	15.90	14.70	13.40	12.10
	SDT	73.00	82.10	91.20	100.40	109.60	118.70	127.80	136.90
	KW	0.78	0.90	1.02	1.15	1.30	1.47	1.66	1.88
50	TCG	22.20	21.00	19.80	18.60	17.40	16.10	14.80	13.40
	SDT	74.30	83.30	92.40	101.60	110.70	119.80	128.90	137.90
	KW	0.77	0.89	1.02	1.15	1.30	1.47	1.67	1.89
55	TCG	24.10	22.80	21.50	20.30	19.00	17.70	16.30	14.70
	SDT	75.60	84.60	93.70	102.80	111.90	121.00	130.00	138.90
	KW	0.76	0.88	1.01	1.15	1.30	1.48	1.67	1.89
N4A424CKA									
30	TCG	21.10	19.90	18.70	17.60	16.40	15.20	14.10	12.80
	SDT	69.20	78.60	87.90	97.30	106.80	116.20	125.50	134.80
	KW	1.02	1.17	1.32	1.48	1.67	1.88	2.12	2.41
35	TCG	23.20	21.90	20.60	19.40	18.10	16.90	15.50	14.20
	SDT	70.50	79.80	89.10	98.40	107.80	117.00	126.30	135.60
	KW	1.03	1.17	1.32	1.49	1.67	1.88	2.13	2.41
40	TCG	25.40	24.00	22.70	21.30	20.00	18.60	17.10	15.60
	SDT	71.80	81.10	90.30	99.60	108.80	118.00	127.20	136.40
	KW	1.03	1.17	1.32	1.49	1.67	1.88	2.13	2.41
45	TCG	27.90	26.40	24.90	23.40	21.90	20.40	18.80	17.20
	SDT	73.30	82.40	91.50	100.70	109.90	119.00	128.10	137.20
	KW	1.03	1.18	1.33	1.49	1.67	1.89	2.13	2.41
50	TCG	30.40	28.80	27.30	25.70	24.00	22.40	20.60	18.80
	SDT	74.70	83.70	92.80	101.90	111.00	120.10	129.10	138.20
	KW	1.04	1.18	1.33	1.49	1.68	1.89	2.13	2.41
55	TCG	33.20	31.50	29.80	28.00	26.20	24.40	22.50	20.50
	SDT	76.20	85.20	94.20	103.20	112.20	121.20	130.20	139.20
	KW	1.04	1.18	1.33	1.49	1.68	1.89	2.13	2.41

CONDENSER RATING ONLY (CONT.)

SST deg F		CONDENSER ENTERING AIR TEMPERATURES deg F							
		55	65	75	85	95	105	115	125
N4A430CKA									
30	TCG	24.90	23.60	22.30	20.90	19.60	18.20	16.70	15.20
	SDT	66.80	76.20	85.70	95.20	104.60	114.10	123.50	132.80
	KW	1.27	1.45	1.63	1.83	2.05	2.30	2.59	2.92
35	TCG	27.40	26.00	24.50	23.10	21.60	20.10	18.50	16.80
	SDT	68.00	77.30	86.70	96.20	105.60	114.90	124.20	133.50
	KW	1.28	1.45	1.64	1.83	2.05	2.30	2.59	2.93
40	TCG	30.10	28.60	27.00	25.40	23.80	22.10	20.40	18.60
	SDT	69.20	78.50	87.90	97.20	106.50	115.80	125.00	134.30
	KW	1.28	1.46	1.64	1.84	2.06	2.31	2.60	2.94
45	TCG	33.10	31.40	29.60	27.90	26.20	24.30	22.40	20.50
	SDT	70.60	79.80	89.10	98.30	107.50	116.70	125.90	135.10
	KW	1.29	1.47	1.65	1.84	2.06	2.31	2.60	2.95
50	TCG	36.20	34.40	32.50	30.60	28.70	26.70	24.60	22.40
	SDT	72.10	81.20	90.30	99.50	108.60	117.70	126.90	135.90
	KW	1.30	1.47	1.65	1.84	2.06	2.32	2.61	2.95
55	TCG	39.60	37.60	35.50	33.50	31.40	29.20	26.90	24.60
	SDT	73.60	82.60	91.60	100.70	109.80	118.80	127.90	136.80
	KW	1.30	1.47	1.65	1.85	2.07	2.32	2.61	2.96
N4A436CKA									
30	TCG	36.20	34.20	32.30	30.50	28.70	26.70	24.60	22.20
	SDT	67.10	76.40	85.90	95.30	104.70	114.10	123.50	132.70
	KW	1.80	2.03	2.27	2.54	2.84	3.18	3.57	4.03
35	TCG	39.90	37.60	35.60	33.60	31.60	29.50	27.20	24.60
	SDT	68.40	77.60	86.90	96.30	105.60	114.90	124.20	133.40
	KW	1.83	2.05	2.29	2.55	2.85	3.19	3.58	4.05
40	TCG	43.80	41.40	39.10	36.90	34.70	32.40	29.90	27.10
	SDT	69.70	78.80	88.00	97.20	106.50	115.80	125.00	134.20
	KW	1.85	2.07	2.30	2.56	2.86	3.20	3.60	4.06
45	TCG	48.00	45.40	42.90	40.50	38.00	35.50	32.70	29.70
	SDT	71.00	80.00	89.10	98.30	107.50	116.70	125.90	135.00
	KW	1.87	2.08	2.31	2.57	2.87	3.21	3.61	4.07
50	TCG	52.50	49.60	46.90	44.20	41.60	38.80	35.80	32.50
	SDT	72.40	81.30	90.30	99.40	108.60	117.70	126.80	135.80
	KW	1.90	2.10	2.33	2.58	2.88	3.22	3.62	4.08
55	TCG	57.30	54.10	51.10	48.20	45.30	42.20	38.90	35.40
	SDT	73.90	82.70	91.60	100.60	109.70	118.70	127.70	136.60
	KW	1.93	2.12	2.34	2.60	2.89	3.23	3.63	4.09
N4A448CKA									
30	TCG	41.60	39.40	37.20	35.00	32.70	30.40	27.90	25.20
	SDT	69.10	78.30	87.60	96.90	106.30	115.60	124.80	134.00
	KW	2.16	2.36	2.59	2.88	3.21	3.59	4.02	4.51
35	TCG	45.80	43.30	41.00	38.60	36.10	33.50	30.80	27.90
	SDT	70.50	79.60	88.80	98.10	107.30	116.50	125.70	134.80
	KW	2.17	2.37	2.61	2.89	3.23	3.61	4.05	4.54
40	TCG	50.20	47.60	45.00	42.40	39.80	36.90	34.00	30.70
	SDT	71.90	81.00	90.10	99.30	108.40	117.60	126.70	135.70
	KW	2.18	2.38	2.62	2.91	3.25	3.63	4.07	4.56
45	TCG	55.00	52.20	49.40	46.60	43.60	40.60	37.30	33.80
	SDT	73.50	82.50	91.50	100.60	109.60	118.70	127.70	136.60
	KW	2.18	2.38	2.63	2.92	3.26	3.65	4.09	4.59
50	TCG	60.10	57.10	54.10	51.00	47.80	44.40	40.80	37.00
	SDT	75.20	84.00	93.00	102.00	110.90	119.90	128.80	137.60
	KW	2.18	2.39	2.64	2.94	3.28	3.68	4.12	4.61
55	TCG	65.70	62.40	59.10	55.70	52.20	48.50	44.50	40.40
	SDT	76.90	85.70	94.60	103.50	112.40	121.20	130.00	138.70
	KW	2.18	2.39	2.65	2.95	3.30	3.70	4.15	4.64

CONDENSER RATING ONLY (CONT.)

SST deg F		CONDENSER ENTERING AIR TEMPERATURES deg F							
		55	65	75	85	95	105	115	125
N4A460CKA									
30	TCG	54.20	51.50	48.70	45.90	43.00	39.90	36.60	33.10
	SDT	71.00	80.30	89.60	98.90	108.20	117.50	126.60	135.70
	KW	2.72	2.99	3.31	3.69	4.13	4.63	5.21	5.86
35	TCG	59.70	56.70	53.70	50.70	47.50	44.20	40.60	36.70
	SDT	72.60	81.80	91.10	100.30	109.50	118.60	127.70	136.70
	KW	2.75	3.02	3.34	3.73	4.17	4.68	5.26	5.91
40	TCG	65.60	62.30	59.10	55.80	52.30	48.60	44.80	40.60
	SDT	74.30	83.40	92.60	101.70	110.80	119.90	128.90	137.80
	KW	2.77	3.05	3.38	3.77	4.21	4.73	5.31	5.97
45	TCG	71.90	68.40	64.80	61.20	57.40	53.40	49.20	44.70
	SDT	76.20	85.20	94.20	103.20	112.20	121.20	130.10	138.90
	KW	2.79	3.08	3.41	3.80	4.26	4.78	5.36	6.02
50	TCG	78.70	74.80	71.00	67.00	62.90	58.50	53.90	49.00
	SDT	78.10	87.00	95.90	104.80	113.80	122.60	131.40	140.10
	KW	2.81	3.10	3.44	3.84	4.30	4.83	5.42	6.08
55	TCG	85.90	81.70	77.50	73.20	68.60	63.90	58.90	53.50
	SDT	80.10	88.90	97.70	106.60	115.40	124.10	132.80	141.30
	KW	2.82	3.12	3.47	3.88	4.34	4.87	5.47	6.13

ACCESSORY USAGE GUIDELINE

Accessory	REQUIRED FOR LOW-AMBIENT COOLING APPLICATIONS (Below 55°F / 12.8°C)	REQUIRED FOR LONG LINE APPLICATIONS*	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles / 3.22 km)
Compressor Start Assist Capacitor and Relay	Yes	Yes	No
Crankcase Heater	Yes	Yes	No
Evaporator Freeze Thermostat	Yes	No	No
Hard Shutoff TXV	Yes	Yes†	No
Liquid Line Solenoid Valve	No	See Long-Line Application Guideline	No
Low Ambient Switch	Yes	No	No
Support Feet	Recommended	No	Recommended
Winter Start Control	Yes	No	No

* For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 20 ft. (6.09 m) vertical differential, refer to Residential Split-System Longline Application Guideline.

† TXV required beyond 20 ft. (6.1 m) vertical separation or 50 ft. (15.2 m) total length.

ACCESSORIES

Part Number	Description	Used On Model Size							
		18	24	30	36	42	48	60	
NASA001AC	Anti-Cycle Timer (5 minute delay)	X	X	X	X	X	X	X	
NASA001TD	Time Delay Relay, Indoor Blower	X	X	X	X	X	X	X	
NASA001CH	Crankcase Heater for Compressor					X	X		
NASA003CH	Crankcase Heater for Compressor	X	X	X	X				
NASA00201FS	Evaporator Freeze Thermostat	X	X	X	X	X	X	X	
NASA003SC	Hard Start Kit (Capacitor & Relay)					X			
NASA005SC	Hard Start Kit (Capacitor & Relay)	X	X	X	X		X	X	
NASA001SC	Start Component - PTC Device		X	X	X	X	X	X	
NASA401LS	Solenoid Valve Kit	X	X	X	X	X	X	X	
NASA401LA	Low Ambient Kit (Pressure Switch)	X	X	X	X	X	X	X	
NASA403PS	Low Pressure Switch Kit	X	X	X	X	X	X	X	
NASA404PS	High Pressure Switch Kit	X	X	X	X	X	X	X	
NASA00201WS*	Winter Start Kit	X	X	X	X	X	X	X	
NASA001SJ	Sound Jacket, Compressor	X	X	X	X	X	X		
NASA003SJ	Sound Jacket, Compressor								X
NASA001SF	Support Feet		X	X	X	X	X	X	
NASA00201SF	Support Feet	X							
EBAC05TXVX	TXV Kit, R-410A - 2005-2009 R-22 TXV Fancoils (air handlers)	X	X						
EBAC06TXVX	TXV Kit, R-410A - 2005-2009 R-22 TXV Fancoils (air handlers)			X	X	X			
EBAC07TXVX	TXV Kit, R-410A - 2005-2009 R-22 TXV Fancoils (air handlers)						X	X	

* Use in conjunction with Low Pressure Switch