N4A7

Product Specifications

EFFICIENT UP TO 17 SEER / 13 EER AIR CONDITIONER

ENVIRONMENTALLY BALANCED R-410A REFRIGERANT

2 THRU 5 TONS SPLIT SYSTEM

208/230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- 2-stage scroll compressors on all models
- Filter-Drier supplied with every unit 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 over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) grille spacing for extra protection (hail guard)

LIMITED 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 owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.

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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 .

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ENERGY STAR PARTNER

This product has been designed and manufactured to meet ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacturer's refrigerant charging and air flow instructions. Failure to confirm proper charge and airflow may reduce energy efficiency and shorten equipment life.

Model Number	Size (tons)	Nominal BTU/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions depth x width x height in. (mm)	Ship / Operating Weight lbs.(kg)
N4A724GKA	2	24,000	14.5	20	31-3/16 x 31-3/6 x 32-1/2 (792 x 792 x 901)	206/167 (93/76)
N4A736GKA	3	36,000	19.8	35	31-3/16 x 31-3/6 x 32-1/2 (792 x 792 x 901)	230/191(104/87)
N4A748GKA	4	48,000	27.8	40	35 x 35 x 38-7/8 (889 x 889 x 988)	295/253 (134/115)
N4A760GKA	5	60,000	37.3	60	35 x 35 x 38-7/8 (889 x 889 x 988)	299/258 (136/117)

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE

Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	**N**	**4**	**A**	**7**	**24**	**G**	**K**	**A**	**1**	**0**	**0**

- T = AirQuest Mainline
- N = AirQuest Entry — **BRANDING**
- 4 = R-410A — **REFRIGERANT**
- A = Air Conditioner
- H = Heat Pump — **TYPE**
- 7 = 17 SEER — **NOMINAL EFFICIENCY**
- 24 = 24,000 BTUH = 2 tons
- 36 = 36,000 BTUH = 3 tons
- 48 = 48,000 BTUH = 4 tons
- 60 = 60,000 BTUH = 5 tons

NOMINAL CAPACITY

- G = Coil Guard Grille
- K = 208/230-1-60
- Sales Code
- Engineering Revision
- Extra Digit
- Extra Digit

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	**N**	**A**	**S**	**A**	**0**	**0 1**	**01**	**C H**

- N = Non-Branded — **BRANDING**
- A = Accessory — **PRODUCT GROUP**
- S = Split System (AC & HP) — **KIT USAGE**
- A = Original
- B = 2nd Generation — **MAJOR SERIES**
- 0 = Generic or Not Applicable
- 4 = R-410A — **REFRIGERANT**
- Product Identifier Number
- Package Quantity
- Type of Kit (Example: CH = Crankcase Heater)

PHYSICAL DATA

UNIT SIZE	24	36	48	60
Compressor Type	Scroll			
REFRIGERANT	R- 410A			
Control	TXV (R- 410A Hard Shutoff)			
Charge lb (kg)	6.64 (3.01)	9.26 (4.20)	12.94 (5.87)	12.70 (5.76)
COND FAN	Propeller Type, Direct Drive			
Air Discharge	Vertical			
Air Qty (CFM)	2481	3068	4700	4700
Motor HP	1/12	1/10	1/4	1/4
Motor RPM	800	810	800	800
COND COIL				
Face Area (Sq ft)	19.38	19.38	25.12	25.12
Fins per In.	25	25	20	20
Rows	1	1	2	2
Circuits	5	4	7	7
VALVE CONNECT. (In. ID)				
Vapor	3/4″	7/8″	7/8″	7/8″
Liquid	3/8″	3/8″	3/8″	3/8″
REFRIGERANT TUBES (In. OD)				
Rated Vapor*	3/4″	7/8″	1- 1/8″	1- 1/8″
Max Liquid Line	3/8″	3/8″	3/8″	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.

† See *Liquid Line Sizing For Cooling Only Systems with R- 410A Refrigerant* tables.

ELECTRICAL DATA

UNIT SIZE	V/PH- Hz	OPERATING VOLTS*		COMPRESSOR		FAN	MCA	MAX FUSE† or CKT BRK AMPS
		MAX	MIN	LRA	RLA	FLA		
24	**208/230/1- 60**	253	197	58.3	11.1	0.60	14.5	20
36				83.0	15.3	0.70	19.8	35
48				104.0	21.2	1.30	27.8	40
60				152.9	28.8	1.30	37.3	60

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

† Time- Delay fuse.

FLA - Full Load Amps
LRA - Locked Rotor Amps
MCA - Minimum Circuit Amps
RLA - Rated Load Amps

NOTE: Control circuit is 24V 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 2010 requirements of ASHRAE Standards 90.1

A–WEIGHTED SOUND POWER (dBA)

Unit Size	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
24	73 - High Stage	49.0	58.0	66.5	69.5	64.0	61.0	57.5
	74 - Low Stage	52.0	59.5	67.0	69.5	64.0	61.0	55.0
36	74 - High Stage	53.5	61.5	68.0	71.0	65.0	62.5	57.5
	74 - Low Stage	54.0	61.5	67.5	68.0	64.5	63.0	56.0
48	75 - High Stage	54.5	59.5	67.0	68.0	63.0	60.0	53.5
	74 - Low Stage	55.5	61.5	67.0	66.0	62.5	60.5	55.0
60	75 - High Stage	54.0	59.0	65.5	71.0	64.0	61.5	57.5
	74 - Low Stage	55.0	61.5	65.5	69.5	64.5	64.0	59.0

NOTE: Tested in accordance with AHRI Standard 270- 95. (Not listed with AHRI).

A- WEIGHTED SOUND POWER LEVEL (dBA) WITH SOUND SHIELD

Unit Size	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA, without tone adjustment)						
		125	250	500	1000	2000	4000	8000
24	72 - High Stage	50.5	57.5	66.0	68.0	63.5	60.5	54.5
	73 - Low Stage	53.0	59.0	66.5	68.0	63.5	60.5	53.5
36	72 - High Stage	55.0	60.5	66.5	68.0	64.5	61.5	54.0
	72- Low Stage	55.5	61.0	67.0	67.5	64.5	62.0	54.0
48	72 - High Stage	54.5	59.5	66.5	67.0	62.0	59.0	52.5
	71 - Low Stage	55.0	60.5	66.0	65.0	62.0	59.5	53.0
60	74 - High Stage	55.5	59.5	65.5	69.5	63.0	59.0	57.0
	72 - Low Stage	56.5	61.0	65.5	68.0	63.5	60.5	55.0

NOTE: Tested in accordance with AHRI Standard 270- 95. (Not listed with AHRI).

METERING DEVICE

UNIT SIZE- SERIES		REQUIRED SUBCOOLING °F (°C)
24	INDOOOR TXV*	10.0 (5.6)
36		14.0 (7.8)
48		13.0 (7.2)
60		14.0 (7.8)

* TXV must be ordered separately when indoor coil is not equipped with a TXV. TXV must be hard–shutoff type.

REFRIGERANT CHARGE ADJUSTMENTS

Liquid Line Size	R- 410A Charge oz/ft
3/8	0.60 (Factory charge for lineset = 9 oz)
5/16	0.40
1/4	0.27

Units are factory charged for 15 ft (4.6 m) of 3/8" liquid line. The factory charge for 3/8" lineset 9 oz. When using other length or diameter liquid lines, charge adjustments are required per the chart above.

Charging Formula:

[(Lineset oz/ft x total length) – (factory charge for lineset)] = charge adjustment

Example 1: System has 15 ft of line set using existing 1/4" liquid line. What charge adjustment is required?

Formula: (.27 oz/ft x 15ft) – (9 oz) = (-4.95) oz.

Net result is to remove 4.95 oz of refrigerant from the system

Example 2: System has 45 ft of existing 5/16" liquid line. What is the charge adjustment?

Formula: (.40 oz/ft. x 45ft) – (9 oz.) = 9 oz.

Net result is to add 9 oz of refrigerant to the system

LONG LINE APPLICATIONS

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. For Air Conditioner systems, the charts below shows when an application requires a TXV and long line accessories due to lineset length.

AC with R- 410A Refrigerant Long Line Description ft (m) Beyond these lengths, a TXV is required

Total Length	Outdoor Unit Above or Below Indoor Unit
TXV required beyond 50 ft. (15.2 m)	TXV required beyond 20 ft. (6.1 m)

AC with R- 410A Refrigerant Long Line Description ft (m) (Beyond these lengths, long line accessories are required)

Liquid Line Size	Units On Same Level	Outdoor Below Indoor	Outdoor Above Indoor
1/4 + TXV	No accessories needed within allowed lengths	No accessories needed within allowed lengths	175 (53.3)
5/16 + TXV	120 (36.6)	50 (15.2) vertical or 120 (36.6) total	120 (36.6)
3/8 + TXV	80 (24.4)	35 (10.7) vertical or 80 (24.4) total	80 (24.4)

Note: See Long Line Guideline for details

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:

Unit Nominal Size (Btuh)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In. OD)	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			26- 50 (7.9- 15.2)	51- 80 (15.5- 24.4)	81- 100 (24.7- 30.5)	101- 125 (30.8- 38.1)	126- 150 (38.4- 45.7)	151- 175 (46.0- 53.3)	176- 200 (53.6- 61.0)	201- 225 (61.3- 68.6)	226- 250 (68.9- 76.2)
24000 AC with R- 410A	3/8	5/8	0	1	2	2	3	3	4	5	5
		3/4	0	0	1	1	1	1	1	2	2
		7/8	0	0	0	0	0	1	1	1	1
36000 AC with R- 410A	3/8	5/8	1	2	4	5	6	8	9	10	12
		3/4	0	1	1	2	2	3	3	4	4
		7/8	0	0	0	1	1	1	1	2	2
48000 AC with R- 410A	3/8	3/4	0	1	2	3	4	5	5	6	7
		7/8	0	0	1	1	2	2	2	3	3
		1 1/8	0	0	0	0	0	0	0	1	1
60000 AC with R- 410A	3/8	3/4	1	2	4	5	6	7	9	10	11
		7/8	0	1	2	2	3	4	4	5	5
		1 1/8	0	0	0	1	1	1	1	1	1

Consult the Long Line Application Guideline document before purchasing/installing line sets.

Applications in shaded area may have height restrictions that limit allowable total equivalent length when outdoor unit is below indoor unit.

UNIT SIZE	INDOOR MODEL	AHRI STANDARD RATINGS					
		CAPACITY		EER	SEER	ID SCFM	
		HIGH	LOW			HIGH	LOW
24	EN(A,D)4X31L17**	25,000	21,200	12.2	14.0	800	680
36	EA*4X37L21A*	36,800	30,200	12.2	14.0	1050	840
48	EA*4X61L24A*	48,500	40,500	12.5	15.0	1400	1120
60	EA*4X61L24A*	56,500	47,000	12.0	14.5	1625	1300

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.

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**

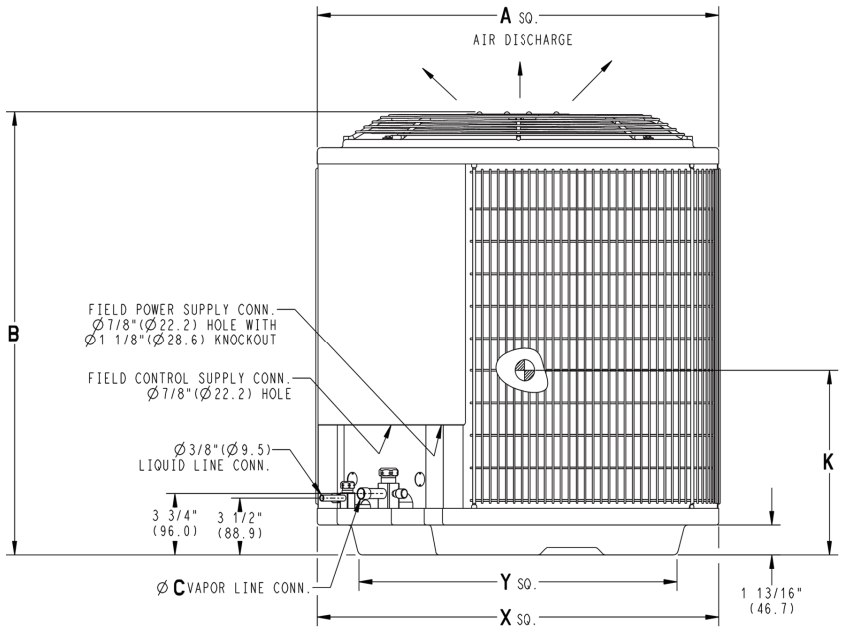
Additional ratings and system combinations can be accessed via the AirQuest database:
http://www.icpeqp.com/AHRIratings/ratings.aspx?Brand=AirQuest

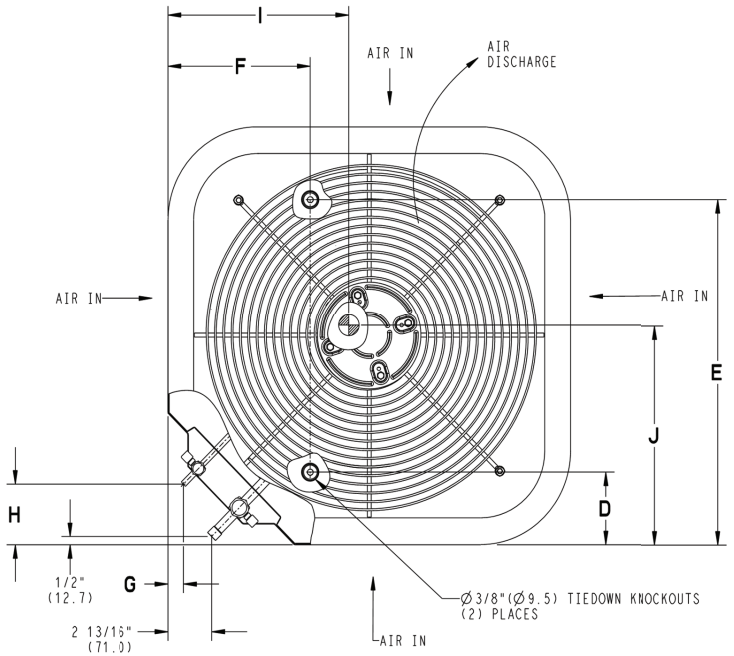
Or scan this QR code:

DIMENSIONS

UNIT	SERIES	ELECTRICAL CHARACTERISTICS				A		B		C		D		E		F		G		H		I		J		K		OPERATING WEIGHT		SHIPPING WEIGHT		SHIPPING LENGTH / WIDTH (Sq.)		SHIPPING HEIGHT	
						INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	Lbs	Kgs	Lbs	Kgs	INCH	MM	INCH	MM
N4A724GKA101	1	Y	N	N	N	31 3/16	792.5	35 1/2	901.4	3/4	19.1	6 9/16	166.1	24 11/16	626.3	9 1/8	231.3	5/16	7.9	3	76.2	16	406.4	15 1/2	393.7	16 1/8	409.6	167	75.7	206	93.4	33 5/16	846.6	40	1015.8
N4A736GKA101	1	Y	N	N	N	31 3/16	792.5	35 1/2	901.4	7/8	22.2	6 9/16	166.1	24 11/16	626.3	9 1/8	231.3	5/16	7.9	3	76.2	15 3/4	400.1	15 1/2	393.7	15	381.0	191	86.6	230	104.3	33 5/16	846.6	40	1015.8
N4A748GKA101	1	Y	N	N	N	35	889.0	38 7/8	987.8	7/8	22.2	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	5/16	7.9	3	76.2	18 1/2	469.9	16 1/2	419.1	17	431.8	253	114.8	295	133.8	37 1/8	943.1	43 3/8	1102.2
N4A760GKA101	1	Y	N	N	N	35	889.0	38 7/8	987.8	7/8	22.2	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	5/16	7.9	3	76.2	17 3/4	450.9	16 1/2	419.1	17	431.8	258	117.0	299	135.6	37 1/8	943.1	43 3/8	1102.2

208-230-1-60	208/230-3-60	460-3-60	575-3-60	Y=YES N=NO





UNIT SIZE	"X" MINIMUM GROUND MOUNTING PAD APPLICATION DIMENSIONS		"Y" MINIMUM ROOF-TOP MOUNTING PAD APPLICATION DIMENSIONS	
-	23 1/8	587.3	17 7/8	454.6
-	25 3/4	654.0	20 7/16	518.5
24,36	31 3/16	792.5	22 15/16	583.2
48,60	35	889.0	26 3/4	679.7

NOTE: ALL DIMENSIONS IN INCH (MM)

U.S. ECCN: Not Subject to Regulation (N.S.R.)

SD5458-4 REV. A

SD5319 - 4 REV A

DETAILED COOLING CAPACITIES#

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
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**	Capacity MBtuh		Total System KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
N4A724GKA Outdoor Section With EN(A,D)4X31I17** Indoor Section High																			
600	57 (13.9)	22.30	22.30	1.61	21.56	21.56	1.77	20.75	20.75	1.95	19.87	19.87	2.16	18.91	18.91	2.41	17.90	17.90	2.71
	62 (16.7)	23.76	20.20	1.62	22.78	19.73	1.78	21.72	19.22	1.96	20.59	18.68	2.17	19.38	18.12	2.41	18.12	17.52	2.71
	63 (17.2)††	24.22	16.66	1.62	23.22	16.19	1.78	22.14	15.68	1.96	20.97	15.15	2.17	19.73	14.58	2.42	18.41	14.00	2.71
	67 (19.4)	26.19	17.29	1.63	25.11	16.81	1.79	23.94	16.31	1.97	22.69	15.77	2.18	21.36	15.21	2.43	19.98	14.64	2.72
	72 (22.2)	28.90	14.31	1.65	27.71	13.84	1.80	26.43	13.33	1.98	25.06	12.81	2.19	23.62	12.26	2.44	22.10	11.69	2.74
650	57 (13.9)	22.98	22.98	1.63	22.20	22.20	1.79	21.35	21.35	1.97	20.42	20.42	2.18	19.43	19.43	2.43	18.37	18.37	2.73
	62 (16.7)	24.16	21.11	1.64	23.17	20.63	1.80	22.08	20.11	1.98	20.90	19.56	2.19	19.68	18.98	2.43	18.79	17.66	2.73
	63 (17.2)††	24.61	17.28	1.64	23.58	16.80	1.80	22.46	16.28	1.98	21.26	15.74	2.19	19.98	15.17	2.44	18.63	14.57	2.73
	67 (19.4)	26.60	17.94	1.66	25.48	17.46	1.81	24.27	16.95	1.99	22.99	16.40	2.20	21.62	15.84	2.45	20.20	15.25	2.74
	72 (22.2)	29.33	14.74	1.67	28.10	14.25	1.82	26.78	13.72	2.00	25.37	13.19	2.21	23.88	12.64	2.46	22.32	12.07	2.76
700	57 (13.9)	23.59	23.59	1.66	22.78	22.78	1.81	21.89	21.89	1.99	20.92	20.92	2.21	19.89	19.89	2.46	18.79	18.79	2.75
	62 (16.7)	24.52	22.00	1.66	23.50	21.51	1.82	22.38	20.98	2.00	21.19	20.42	2.21	20.37	19.03	2.46	18.82	18.82	2.75
	63 (17.2)††	24.95	17.87	1.66	23.88	17.38	1.82	22.73	16.86	2.00	21.50	16.31	2.21	20.19	15.74	2.46	18.82	15.14	2.75
	67 (19.4)	26.95	18.58	1.68	25.79	18.09	1.83	24.56	17.57	2.01	23.24	17.02	2.22	21.84	16.45	2.47	20.38	15.86	2.76
	72 (22.2)	29.70	15.12	1.69	28.43	14.63	1.84	27.08	14.12	2.02	25.63	13.57	2.23	24.11	13.01	2.48	22.51	12.43	2.78
750	57 (13.9)	24.15	24.15	1.68	23.31	23.31	1.84	22.38	22.38	2.02	21.38	21.38	2.23	20.30	20.30	2.48	19.16	19.16	2.78
	62 (16.7)	24.84	22.86	1.68	23.79	22.36	1.84	22.66	21.82	2.02	21.47	21.22	2.23	20.34	20.34	2.48	19.20	19.20	2.78
	63 (17.2)††	25.24	18.45	1.69	24.14	17.96	1.84	22.96	17.43	2.02	21.70	16.88	2.23	20.37	16.29	2.48	18.97	15.69	2.77
	67 (19.4)	27.24	19.20	1.70	26.06	18.71	1.85	24.80	18.18	2.03	23.45	17.63	2.24	22.02	17.05	2.49	20.53	16.45	2.78
	72 (22.2)	30.01	15.50	1.71	28.71	15.01	1.86	27.32	14.48	2.04	25.84	13.94	2.25	24.29	13.37	2.50	22.66	12.78	2.80
800	57 (13.9)	24.66	24.66	1.70	23.78	23.78	1.86	22.82	22.82	2.04	21.79	21.79	2.25	20.68	20.68	2.50	19.50	19.50	2.80
	62 (16.7)	25.13	23.70	1.70	24.06	23.19	1.86	22.94	22.61	2.04	22.00	21.45	2.25	20.71	20.71	2.50	19.53	19.53	2.80
	63 (17.2)††	25.49	19.02	1.71	24.37	18.52	1.86	23.16	17.99	2.04	21.88	17.42	2.25	20.52	16.84	2.50	19.11	16.23	2.79
	67 (19.4)	27.50	19.81	1.72	26.30	19.32	1.87	25.00	18.78	2.05	23.62	18.22	2.26	22.18	17.64	2.51	20.66	17.03	2.80
	72 (22.2)	30.28	15.87	1.73	28.94	15.37	1.88	27.52	14.84	2.06	26.02	14.29	2.27	24.44	13.72	2.52	22.79	13.13	2.82
835	57 (13.9)	24.99	24.99	1.72	24.09	24.09	1.87	23.10	23.10	2.05	22.05	22.05	2.26	20.92	20.92	2.51	19.72	19.72	2.81
	62 (16.7)	25.34	24.28	1.72	24.26	23.74	1.87	23.33	22.74	2.05	22.08	22.08	2.26	20.95	20.95	2.51	19.75	19.75	2.81
	63 (17.2)††	25.64	19.41	1.72	24.51	18.91	1.87	23.28	18.37	2.05	21.99	17.81	2.26	20.61	17.21	2.51	19.18	16.60	2.81
	67 (19.4)	27.66	20.24	1.73	26.44	19.73	1.88	25.12	19.20	2.06	23.74	18.63	2.27	22.27	18.05	2.52	20.74	17.43	2.82
	72 (22.2)	30.44	16.12	1.75	29.09	15.62	1.90	27.65	15.09	2.08	26.13	14.53	2.29	24.53	13.96	2.54	22.86	13.36	2.83
900	57 (13.9)	25.55	25.55	1.74	24.61	24.61	1.90	23.59	23.59	2.08	22.49	22.49	2.29	21.32	21.32	2.54	20.08	20.08	2.84
	62 (16.7)	25.69	25.27	1.74	24.84	24.22	1.90	23.62	23.62	2.08	22.52	22.52	2.29	21.35	21.35	2.54	20.11	20.11	2.84
	63 (17.2)††	25.89	20.12	1.75	24.73	19.62	1.90	23.48	19.07	2.08	22.16	18.50	2.29	20.77	17.89	2.54	19.31	17.27	2.83
	67 (19.4)	27.92	21.00	1.76	26.66	20.49	1.91	25.33	19.95	2.09	23.91	19.38	2.30	22.42	18.79	2.55	20.87	18.17	2.84
	72 (22.2)	30.70	16.57	1.77	29.32	16.07	1.92	27.85	15.53	2.10	26.30	14.98	2.31	24.67	14.40	2.56	22.98	13.80	2.86

See notes at end of section

Specifications subject to change without notice.

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
N4A724GKA Outdoor Section With EN(A,D)4X31I17** Indoor Section - Low																			
450	57 (13.9)	17.13	17.13	1.15	15.55	15.55	1.29	13.98	13.98	1.46	12.43	12.43	1.65	10.95	10.95	1.86	9.54	9.54	2.10
	62 (16.7)	18.23	15.64	1.14	16.39	14.37	1.28	14.57	13.11	1.45	12.79	11.88	1.64	11.11	10.69	1.86	9.59	9.52	2.10
	63 (17.2)††	18.60	12.88	1.13	16.73	11.77	1.28	14.86	10.66	1.45	13.04	9.59	1.64	11.32	8.56	1.86	9.71	7.58	2.10
	67 (19.4)	20.17	13.39	1.12	18.14	12.24	1.26	16.13	11.11	1.43	14.18	10.01	1.63	12.33	8.96	1.85	10.59	7.97	2.10
	72 (22.2)	22.34	11.09	1.09	20.09	10.07	1.24	17.89	9.07	1.41	15.75	8.11	1.61	13.73	7.20	1.84	11.82	6.34	2.09
500	57 (13.9)	17.84	17.84	1.16	16.18	16.18	1.30	14.53	14.53	1.47	12.91	12.91	1.66	11.36	11.36	1.87	9.89	9.89	2.12
	62 (16.7)	18.65	16.61	1.15	16.76	15.27	1.30	14.88	13.95	1.47	13.06	12.65	1.66	11.37	11.37	1.87	9.91	9.91	2.12
	63 (17.2)††	19.01	13.53	1.15	17.08	12.37	1.29	15.15	11.22	1.46	13.29	10.10	1.66	11.52	9.03	1.87	9.86	8.02	2.12
	67 (19.4)	20.60	14.09	1.13	18.50	12.89	1.28	16.43	11.72	1.45	14.43	10.57	1.64	12.54	9.47	1.86	10.75	8.44	2.11
	72 (22.2)	22.79	11.53	1.11	20.48	10.47	1.26	18.21	9.44	1.43	16.01	8.45	1.63	13.93	7.51	1.85	11.99	6.62	2.11
550	57 (13.9)	18.47	18.47	1.17	16.74	16.74	1.31	15.01	15.01	1.48	13.33	13.33	1.67	11.71	11.71	1.89	10.19	10.19	2.13
	62 (16.7)	19.01	17.55	1.16	17.07	16.15	1.31	15.15	14.76	1.48	13.49	13.09	1.67	11.73	11.73	1.89	10.20	10.20	2.13
	63 (17.2)††	19.35	14.16	1.16	17.35	12.96	1.31	15.38	11.76	1.48	13.48	10.61	1.67	11.67	9.50	1.89	9.98	8.45	2.14
	67 (19.4)	20.95	14.76	1.14	18.79	13.52	1.29	16.67	12.30	1.46	14.63	11.12	1.66	12.69	9.98	1.88	10.88	8.90	2.13
	72 (22.2)	23.16	11.94	1.12	20.78	10.86	1.27	18.46	9.79	1.44	16.21	8.79	1.64	14.09	7.81	1.87	12.11	6.90	2.13
600	57 (13.9)	19.02	19.02	1.18	17.22	17.22	1.33	15.43	15.43	1.50	13.69	13.69	1.69	12.02	12.02	1.90	10.45	10.45	2.15
	62 (16.7)	19.33	18.46	1.18	17.35	16.99	1.33	15.62	15.14	1.49	13.71	13.71	1.69	12.04	12.04	1.90	10.46	10.46	2.15
	63 (17.2)††	19.62	14.78	1.18	17.58	13.53	1.32	15.57	12.30	1.49	13.63	11.10	1.69	11.79	9.96	1.91	10.08	8.87	2.15
	67 (19.4)	21.24	15.42	1.16	19.03	14.14	1.31	16.87	12.87	1.48	14.79	11.65	1.68	12.82	10.47	1.90	10.98	9.35	2.15
	72 (22.2)	23.46	12.34	1.14	21.03	11.23	1.29	18.65	10.15	1.46	16.37	9.11	1.66	14.22	8.11	1.89	12.20	7.17	2.14
650	57 (13.9)	19.52	19.52	1.19	17.65	17.65	1.34	15.81	15.81	1.51	14.01	14.01	1.70	12.29	12.29	1.92	10.67	10.67	2.17
	62 (16.7)	19.91	18.83	1.19	17.81	17.43	1.34	15.83	15.83	1.51	14.03	14.03	1.70	12.31	12.31	1.92	10.69	10.69	2.17
	63 (17.2)††	19.85	15.37	1.19	17.77	14.09	1.34	15.73	12.82	1.51	13.76	11.58	1.70	11.91	10.40	1.92	10.16	9.27	2.17
	67 (19.4)	21.47	16.07	1.17	19.23	14.74	1.32	17.03	13.43	1.49	14.92	12.17	1.69	12.93	10.95	1.91	11.07	9.79	2.17
	72 (22.2)	23.70	12.73	1.15	21.23	11.60	1.30	18.81	10.49	1.47	16.50	9.42	1.68	14.31	8.40	1.90	12.27	7.44	2.16
680	57 (13.9)	19.78	19.78	1.20	17.89	17.89	1.35	16.01	16.01	1.52	14.18	14.18	1.71	12.44	12.44	1.93	10.79	10.79	2.18
	62 (16.7)	20.10	19.26	1.20	17.92	17.92	1.35	16.04	16.04	1.52	14.21	14.21	1.71	12.46	12.46	1.93	10.81	10.81	2.18
	63 (17.2)††	19.97	15.73	1.20	17.87	14.42	1.35	15.81	13.12	1.52	13.82	11.87	1.72	11.95	10.66	1.94	10.21	9.51	2.18
	67 (19.4)	21.59	16.45	1.18	19.33	15.10	1.33	17.11	13.77	1.50	14.99	12.48	1.70	12.98	11.24	1.93	11.11	10.05	2.18
	72 (22.2)	23.83	12.96	1.16	21.33	11.81	1.31	18.89	10.68	1.48	16.56	9.60	1.69	14.36	8.57	1.91	12.31	7.59	2.17
700	57 (13.9)	19.96	19.96	1.21	18.04	18.04	1.35	16.14	16.14	1.52	14.29	14.29	1.72	12.53	12.53	1.94	10.87	10.87	2.19
	62 (16.7)	20.20	19.56	1.20	18.07	18.07	1.35	16.16	16.16	1.52	14.32	14.32	1.72	12.55	12.55	1.94	10.89	10.89	2.19
	63 (17.2)††	20.04	15.96	1.21	17.93	14.63	1.36	15.86	13.33	1.53	13.87	12.05	1.72	11.99	10.83	1.94	10.24	9.67	2.19
	67 (19.4)	21.67	16.70	1.19	19.39	15.33	1.34	17.16	13.99	1.51	15.03	12.68	1.71	13.01	11.43	1.93	11.14	10.22	2.18
	72 (22.2)	23.90	13.11	1.17	21.39	11.95	1.32	18.94	10.81	1.49	16.60	9.72	1.69	14.39	8.68	1.92	12.33	7.70	2.18

See notes at end of section

Specifications subject to change without notice.

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
N4A736GKA Outdoor Section With EA*4X37L21A* Indoor Section - High																			
900	57 (13.9)	33.46	33.46	2.30	32.30	32.30	2.58	31.04	31.04	2.91	29.65	29.65	3.29	28.10	28.10	3.73	26.35	26.35	4.23
	62 (16.7)	35.72	30.52	2.32	34.20	29.82	2.60	32.55	29.06	2.92	30.73	28.23	3.30	28.74	27.31	3.73	26.57	26.29	4.23
	63 (17.2)††	36.47	25.16	2.33	34.94	24.47	2.61	33.24	23.70	2.93	31.37	22.87	3.31	29.33	21.97	3.74	27.06	20.98	4.23
	67 (19.4)	39.41	26.11	2.36	37.73	25.40	2.63	35.92	24.64	2.95	33.89	23.80	3.33	31.70	22.90	3.76	29.25	21.90	4.26
	72 (22.2)	43.45	21.55	2.40	41.62	20.84	2.66	39.60	20.08	2.98	37.39	19.25	3.36	34.95	18.34	3.79	32.28	17.36	4.29
975	57 (13.9)	34.48	34.48	2.34	33.27	33.27	2.62	31.95	31.95	2.95	30.48	30.48	3.33	28.85	28.85	3.76	27.02	27.02	4.27
	62 (16.7)	36.31	31.90	2.36	34.75	31.19	2.63	33.05	30.41	2.96	31.18	29.56	3.33	29.15	28.61	3.77	27.06	27.06	4.27
	63 (17.2)††	37.05	26.10	2.36	35.45	25.38	2.64	33.70	24.62	2.96	31.79	23.77	3.34	29.67	22.86	3.78	27.35	21.86	4.27
	67 (19.4)	40.02	27.11	2.39	38.28	26.39	2.66	36.39	25.61	2.98	34.33	24.77	3.36	32.04	23.85	3.79	29.55	22.85	4.29
	72 (22.2)	44.08	22.16	2.43	42.18	21.45	2.70	40.11	20.67	3.02	37.82	19.83	3.39	35.33	18.92	3.82	32.57	17.93	4.32
1050	57 (13.9)	35.40	35.40	2.38	34.14	34.14	2.66	32.76	32.76	2.98	31.23	31.23	3.36	29.52	29.52	3.80	27.61	27.61	4.30
	62 (16.7)	36.83	33.26	2.39	35.21	32.52	2.66	33.48	31.73	2.99	31.58	30.84	3.37	29.57	29.57	3.80	27.66	27.66	4.31
	63 (17.2)††	37.54	27.01	2.40	35.89	26.29	2.67	34.10	25.51	2.99	32.12	24.65	3.37	29.97	23.74	3.81	27.58	22.71	4.30
	67 (19.4)	40.53	28.08	2.42	38.74	27.35	2.70	36.80	26.57	3.02	34.67	25.71	3.39	32.33	24.78	3.83	29.79	23.78	4.33
	72 (22.2)	44.61	22.76	2.47	42.67	22.04	2.73	40.53	21.26	3.05	38.01	20.34	3.41	35.62	19.48	3.86	32.81	18.48	4.35
1200	57 (13.9)	37.04	37.04	2.45	35.66	35.66	2.73	34.18	34.18	3.05	32.53	32.53	3.44	30.68	30.68	3.87	28.63	28.63	4.37
	62 (16.7)	37.72	35.86	2.45	36.06	35.08	2.73	34.41	33.92	3.06	32.57	32.57	3.43	30.72	30.72	3.87	28.67	28.67	4.37
	63 (17.2)††	38.34	28.78	2.46	36.60	28.04	2.73	34.72	27.24	3.06	32.66	26.37	3.43	30.41	25.42	3.87	27.95	24.39	4.37
	67 (19.4)	41.34	29.98	2.49	39.46	29.23	2.76	37.42	28.43	3.08	35.22	27.56	3.46	32.80	26.62	3.89	30.15	25.59	4.39
	72 (22.2)	45.45	23.92	2.53	43.39	23.18	2.79	41.16	22.38	3.11	38.72	21.53	3.49	36.09	20.60	3.92	33.17	19.58	4.42
1350	57 (13.9)	38.41	38.41	2.52	36.94	36.94	2.79	35.35	35.35	3.12	33.60	33.60	3.50	31.63	31.63	3.94	29.46	29.46	4.44
	62 (16.7)	38.92	37.40	2.52	37.01	37.01	2.79	35.40	35.40	3.12	33.64	33.64	3.50	31.68	31.68	3.94	29.50	29.50	4.45
	63 (17.2)††	38.91	30.48	2.52	37.11	29.72	2.79	35.20	28.92	3.12	33.06	28.02	3.50	30.76	27.07	3.94	28.23	25.99	4.43
	67 (19.4)	41.93	31.81	2.55	39.99	31.05	2.82	37.90	30.24	3.14	35.45	29.29	3.51	33.13	28.39	3.96	30.42	27.34	4.45
	72 (22.2)	46.03	25.01	2.59	43.92	24.27	2.86	41.63	23.47	3.17	39.10	22.59	3.55	36.39	21.65	3.98	33.39	20.63	4.48
N4A736GKA Outdoor Section With EA*4X37L21A* Indoor Section - Low																			
720	57 (13.9)	25.27	25.27	1.66	23.25	23.25	1.85	21.24	21.24	2.07	19.23	19.23	2.31	17.21	17.21	2.60	15.19	15.19	2.92
	62 (16.7)	26.45	23.83	1.65	24.11	22.20	1.84	21.80	20.58	2.06	19.50	18.97	2.31	17.25	17.25	2.60	15.21	15.21	2.92
	63 (17.2)††	27.05	19.40	1.65	24.65	17.98	1.84	22.28	16.57	2.06	19.92	15.19	2.31	17.57	13.81	2.60	15.23	12.44	2.92
	67 (19.4)	29.36	20.22	1.63	26.75	18.75	1.82	24.18	17.31	2.04	21.64	15.88	2.29	19.13	14.48	2.58	16.58	13.07	2.90
	72 (22.2)	32.60	16.54	1.61	29.69	15.23	1.80	26.85	13.96	2.02	24.04	12.71	2.27	21.26	11.47	2.56	18.49	10.25	2.88
780	57 (13.9)	26.04	26.04	1.68	23.93	23.93	1.87	21.85	21.85	2.08	19.76	19.76	2.33	17.67	17.67	2.62	15.57	15.57	2.94
	62 (16.7)	26.87	24.96	1.67	24.48	23.27	1.86	22.12	21.58	2.08	19.81	19.81	2.33	17.70	17.70	2.61	15.60	15.60	2.94
	63 (17.2)††	27.45	20.17	1.67	24.99	18.70	1.86	22.57	17.24	2.08	20.17	15.82	2.33	17.77	14.40	2.61	15.39	12.99	2.94
	67 (19.4)	29.78	21.06	1.65	27.11	19.54	1.84	24.49	18.04	2.06	21.89	16.57	2.31	19.31	15.11	2.60	16.75	13.67	2.92
	72 (22.2)	33.07	17.05	1.62	30.08	15.71	1.82	27.17	14.40	2.04	24.30	13.12	2.29	21.47	11.86	2.58	18.65	10.61	2.90
840	57 (13.9)	26.72	26.72	1.69	24.55	24.55	1.88	22.39	22.39	2.10	20.24	20.24	2.35	18.08	18.08	2.63	15.92	15.92	2.95
	62 (16.7)	27.25	26.07	1.69	24.81	24.29	1.88	22.45	22.42	2.10	20.27	20.27	2.35	18.11	18.11	2.63	15.94	15.94	2.95
	63 (17.2)††	27.79	20.93	1.69	25.28	19.40	1.88	22.81	17.92	2.10	20.36	16.45	2.35	17.93	14.99	2.63	15.51	13.54	2.96
	67 (19.4)	30.14	21.87	1.67	27.41	20.30	1.86	24.74	18.76	2.08	22.10	17.25	2.33	19.48	15.75	2.62	16.88	14.26	2.94
	72 (22.2)	33.44	17.54	1.64	30.40	16.17	1.84	27.44	14.84	2.06	24.52	13.53	2.31	21.65	12.24	2.60	18.78	10.97	2.92
980	57 (13.9)	28.12	28.12	1.73	25.78	25.78	1.92	23.48	23.48	2.14	21.18	21.18	2.39	18.89	18.89	2.67	16.59	16.59	2.99
	62 (16.7)	28.46	27.56	1.73	25.85	25.85	1.92	23.52	23.52	2.14	21.21	21.21	2.39	18.91	18.91	2.67	16.62	16.62	2.99
	63 (17.2)††	28.40	22.63	1.73	25.80	21.02	1.92	23.24	19.44	2.14	20.72	17.87	2.39	18.22	16.32	2.68	15.74	14.77	3.01
	67 (19.4)	30.78	23.71	1.71	27.95	22.04	1.91	25.19	20.40	2.13	22.47	18.79	2.38	19.77	17.19	2.66	17.10	15.60	2.99
	72 (22.2)	34.12	18.66	1.69	30.98	17.23	1.88	27.90	15.83	2.11	24.90	14.46	2.36	21.93	13.11	2.64	18.99	11.78	2.97
1080	57 (13.9)	28.95	28.95	1.76	26.52	26.52	1.95	24.12	24.12	2.17	21.74	21.74	2.42	19.36	19.36	2.70	16.98	16.98	3.02
	62 (16.7)	29.00	29.00	1.76	26.56	26.56	1.95	24.15	24.15	2.17	21.77	21.77	2.42	19.39	19.39	2.70	17.00	17.00	3.02
	63 (17.2)††	28.73	23.81	1.76	26.07	22.13	1.96	23.48	20.49	2.18	20.92	18.86	2.43	18.38	17.23	2.71	15.89	15.59	3.04
	67 (19.4)	31.12	24.98	1.74	28.23	23.24	1.94	25.43	21.54	2.16	22.67	19.86	2.41	19.93	18.19	2.70	17.24	16.52	3.02
	72 (22.2)	34.46	19.43	1.72	31.26	17.96	1.92	28.14	16.52	2.14	25.09	15.12	2.39	22.06	13.72	2.68	19.08	12.35	3.00

See notes at end of section

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
N4A748GKA Outdoor Section With EA*4X61L24A* Indoor Section - High																			
1200	57 (13.9)	44.81	44.81	3.12	43.25	43.25	3.43	41.48	41.48	3.79	39.59	39.59	4.21	37.63	37.63	4.70	35.66	35.66	5.28
	62 (16.7)	47.79	40.93	3.14	45.71	39.92	3.45	43.41	38.82	3.80	40.97	37.66	4.22	38.49	36.48	4.71	36.03	35.28	5.29
	63 (17.2)††	48.76	33.72	3.15	46.64	32.72	3.46	44.28	31.63	3.81	41.77	30.48	4.23	39.22	29.33	4.72	36.65	28.19	5.30
	67 (19.4)	52.67	34.96	3.17	50.37	33.98	3.48	47.84	32.88	3.84	45.17	31.74	4.26	42.46	30.61	4.75	39.73	29.48	5.33
	72 (22.2)	57.99	28.83	3.19	55.51	27.82	3.51	52.75	26.77	3.87	49.88	25.64	4.30	46.96	24.56	4.80	44.00	23.46	5.39
1300	57 (13.9)	46.17	46.17	3.17	44.53	44.53	3.48	42.68	42.68	3.84	40.70	40.70	4.26	38.66	38.66	4.75	36.59	36.59	5.33
	62 (16.7)	48.57	42.76	3.18	46.44	41.74	3.49	44.07	40.61	3.85	41.57	39.42	4.26	39.06	38.18	4.75	36.86	36.28	5.33
	63 (17.2)††	49.51	34.97	3.19	47.31	33.95	3.50	44.88	32.84	3.85	42.30	31.68	4.27	39.68	30.51	4.76	37.07	29.36	5.33
	67 (19.4)	53.44	36.30	3.21	51.08	35.28	3.52	48.47	34.18	3.88	45.73	33.03	4.30	42.95	31.88	4.79	40.14	30.74	5.38
	72 (22.2)	58.81	29.66	3.23	56.23	28.64	3.55	53.42	27.54	3.91	50.45	26.45	4.34	47.46	25.33	4.84	44.43	24.22	5.43
1400	57 (13.9)	47.41	47.41	3.21	45.69	45.69	3.52	43.76	43.76	3.88	41.70	41.70	4.30	39.57	39.57	4.80	37.43	37.43	5.38
	62 (16.7)	49.26	44.55	3.22	47.07	43.51	3.53	44.66	42.36	3.89	42.14	41.11	4.31	40.07	38.78	4.80	37.49	37.49	5.38
	63 (17.2)††	50.14	36.17	3.23	47.88	35.15	3.54	45.39	34.03	3.90	42.76	32.85	4.31	40.07	31.67	4.80	37.39	30.50	5.38
	67 (19.4)	54.09	37.59	3.25	51.66	36.57	3.56	49.00	35.45	3.92	46.19	34.30	4.34	43.34	33.12	4.84	40.48	31.97	5.42
	72 (22.2)	59.49	30.46	3.27	56.86	29.39	3.59	53.97	28.30	3.95	50.93	27.20	4.38	47.87	26.09	4.88	44.77	24.97	5.48
1500	57 (13.9)	48.54	48.54	3.26	46.75	46.75	3.57	44.74	44.74	3.93	42.60	42.60	4.35	40.40	40.40	4.84	38.18	38.18	5.43
	62 (16.7)	49.88	46.31	3.26	47.65	45.23	3.58	45.22	44.03	3.93	43.10	41.75	4.35	40.47	40.47	4.85	38.24	38.24	5.43
	63 (17.2)††	50.69	37.36	3.27	48.38	36.31	3.58	45.82	35.19	3.94	43.13	33.99	4.35	40.41	32.82	4.84	37.68	31.63	5.42
	67 (19.4)	54.66	38.86	3.29	52.16	37.82	3.60	49.45	36.70	3.96	46.58	35.53	4.38	43.69	34.36	4.88	40.78	33.19	5.46
	72 (22.2)	60.09	31.19	3.31	57.37	30.20	3.63	54.40	29.10	3.99	51.32	27.97	4.42	48.20	26.84	4.93	45.05	25.72	5.52
1600	57 (13.9)	49.57	49.57	3.30	47.70	47.70	3.61	45.63	45.63	3.97	43.42	43.42	4.39	41.15	41.15	4.89	38.86	38.86	5.48
	62 (16.7)	50.46	48.01	3.31	48.20	46.89	3.62	46.02	45.05	3.98	43.49	43.49	4.40	41.21	41.21	4.89	38.92	38.92	5.48
	63 (17.2)††	51.16	38.52	3.31	48.80	37.46	3.62	46.19	36.32	3.98	43.46	35.12	4.39	40.69	33.92	4.89	37.92	32.73	5.47
	67 (19.4)	55.13	40.11	3.33	52.60	39.06	3.64	49.85	37.93	4.00	46.91	36.75	4.42	43.99	35.57	4.92	41.04	34.39	5.50
	72 (22.2)	60.59	31.95	3.35	57.80	30.95	3.67	54.78	29.83	4.03	51.65	28.70	4.46	48.48	27.56	4.97	45.28	26.43	5.56
1700	57 (13.9)	50.51	50.51	3.34	48.59	48.59	3.66	46.44	46.44	4.02	44.16	44.16	4.44	41.83	41.83	4.94	39.47	39.47	5.53
	62 (16.7)	51.01	49.65	3.35	48.77	48.41	3.66	46.53	46.53	4.02	44.23	44.23	4.44	41.89	41.89	4.94	39.53	39.53	5.53
	63 (17.2)††	51.57	39.66	3.35	49.15	38.59	3.66	46.52	37.44	4.02	43.77	36.24	4.43	40.93	35.02	4.93	38.15	33.82	5.51
	67 (19.4)	55.56	41.33	3.37	52.97	40.28	3.68	50.13	39.12	4.04	47.24	37.96	4.46	44.24	36.75	4.96	41.26	35.57	5.55
	72 (22.2)	60.99	32.71	3.39	58.16	31.69	3.71	55.11	30.57	4.07	51.93	29.42	4.50	48.71	28.27	5.01	45.47	27.13	5.60
N4A748GKA Outdoor Section With EA*4X61L24A* Indoor Section - Low																			
960	57 (13.9)	33.80	33.80	2.21	31.13	31.13	2.49	28.39	28.39	2.81	25.62	25.62	3.17	22.86	22.86	3.58	20.12	20.12	4.04
	62 (16.7)	35.36	31.84	2.19	32.26	29.72	2.48	29.07	27.57	2.80	25.88	25.39	3.17	22.90	22.90	3.58	20.16	20.16	4.04
	63 (17.2)††	36.13	25.91	2.19	32.96	24.06	2.48	29.70	22.17	2.80	26.40	20.29	3.16	23.13	18.43	3.58	19.90	16.60	4.05
	67 (19.4)	39.28	27.05	2.16	35.89	25.16	2.45	32.41	23.24	2.78	28.90	21.33	3.14	25.40	19.44	3.56	21.95	17.58	4.03
	72 (22.2)	43.74	22.16	2.13	40.05	20.51	2.43	36.26	18.83	2.75	32.44	17.14	3.12	28.64	15.48	3.54	24.87	13.85	4.00
1010	57 (13.9)	34.44	34.44	2.22	31.72	31.72	2.50	28.92	28.92	2.82	26.09	26.09	3.18	23.27	23.27	3.59	20.47	20.47	4.06
	62 (16.7)	35.71	32.77	2.21	32.58	30.62	2.50	29.37	28.41	2.82	26.34	25.76	3.18	23.31	23.31	3.59	20.51	20.51	4.06
	63 (17.2)††	36.47	26.56	2.20	33.25	24.68	2.49	29.95	22.75	2.82	26.62	20.84	3.18	23.30	18.94	3.60	20.04	17.08	4.06
	67 (19.4)	39.65	27.74	2.18	36.21	25.82	2.47	32.68	23.87	2.80	29.13	21.92	3.16	25.60	19.99	3.58	22.11	18.10	4.04
	72 (22.2)	44.16	22.60	2.15	40.42	20.90	2.44	36.57	19.21	2.77	32.70	17.51	3.14	28.85	15.82	3.55	25.04	14.17	4.02
1120	57 (13.9)	35.74	35.74	2.25	32.90	32.90	2.53	29.98	29.98	2.85	27.03	27.03	3.22	24.09	24.09	3.63	21.17	21.17	4.09
	62 (16.7)	36.44	34.83	2.24	33.25	32.52	2.53	30.67	28.81	2.85	27.08	27.08	3.22	24.13	24.13	3.63	21.21	21.21	4.09
	63 (17.2)††	37.11	27.95	2.24	33.82	25.99	2.53	30.44	24.01	2.85	27.02	22.02	3.22	23.63	20.05	3.63	20.31	18.11	4.10
	67 (19.4)	40.33	29.26	2.21	36.81	27.25	2.50	33.20	25.22	2.83	29.56	23.20	3.20	25.95	21.19	3.61	22.40	19.22	4.08
	72 (22.2)	44.91	23.52	2.18	41.07	21.79	2.48	37.13	20.06	2.81	33.17	18.29	3.18	29.23	16.56	3.59	25.33	14.86	4.06
1280	57 (13.9)	37.37	37.37	2.29	34.37	34.37	2.58	31.30	31.30	2.90	28.20	28.20	3.27	25.10	25.10	3.68	22.04	22.04	4.14
	62 (16.7)	37.95	36.41	2.29	34.43	34.43	2.58	31.35	31.35	2.90	28.24	28.24	3.27	25.14	25.14	3.68	22.08	22.07	4.14
	63 (17.2)††	37.84	29.90	2.29	34.45	27.85	2.58	30.98	25.76	2.91	27.48	23.68	3.27	24.02	21.61	3.69	20.64	19.55	4.16
	67 (19.4)	41.11	31.35	2.26	37.49	29.26	2.56	33.79	27.13	2.88	30.06	24.99	3.25	26.37	22.89	3.67	22.74	20.81	4.13
	72 (22.2)	45.75	24.82	2.23	41.79	23.02	2.53	37.75	21.20	2.86	33.68	19.39	3.23	29.63	17.60	3.65	25.63	15.84	4.11
1440	57 (13.9)	38.75	38.75	2.34	35.62	35.62	2.63	32.42	32.42	2.95	29.18	29.18	3.32	25.95	25.95	3.73	22.76	22.76	4.19
	62 (16.7)	38.81	38.81	2.34	35.68	35.68	2.63	32.47	32.47	2.95	29.23	29.23	3.32	25.99	25.99	3.73	22.79	22.79	4.19
	63 (17.2)††	38.40	31.79	2.34	34.94	29.64	2.63	31.40	27.46	2.96	27.84	25.28	3.33	24.34	23.09	3.74	20.96	20.84	4.21
	67 (19.4)	41.71	33.40	2.32	38.01	31.21	2.61	34.23	28.98	2.94	30.44	26.75	3.31	26.70	24.52	3.72	23.04	22.29	4.19
	72 (22.2)	46.37	26.04	2.29	42.32	24.19	2.58	38.18	22.34	2.91	34.02	20.49	3.29	29.90	18.61	3.70	25.84	16.78	4.17

See notes at end of section

Specifications subject to change without notice.

DETAILED COOLING CAPACITIES# CONTINUED

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES °F (°C)																	
		75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)		
CFM	EWB °F (°C)	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**	Capacity MBtuh		Total Sys. KW**
		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡		Total	Sens‡	
N4A760GKA Outdoor Section With EA*4X61L24A* Indoor Section - High																			
1500	57 (13.9)	52.86	52.86	3.81	51.03	51.03	4.17	49.08	49.08	4.58	46.93	46.93	5.05	44.52	44.52	5.60	41.77	41.77	6.21
	62 (16.7)	55.69	48.76	3.84	53.31	47.64	4.19	50.79	46.46	4.60	48.06	45.18	5.07	45.06	43.75	5.60	41.74	41.74	6.21
	63 (17.2)††	56.79	39.92	3.85	54.36	38.80	4.20	51.76	37.63	4.61	48.94	36.37	5.07	45.81	34.99	5.61	42.35	33.48	6.22
	67 (19.4)	61.31	41.44	3.90	58.67	40.31	4.25	55.83	39.13	4.65	52.75	37.85	5.12	49.38	36.47	5.66	45.62	34.95	6.26
	72 (22.2)	67.55	33.95	3.96	64.42	32.75	4.30	61.47	31.63	4.72	58.04	30.35	5.18	54.28	28.96	5.72	50.16	27.42	6.33
1625	57 (13.9)	54.39	54.39	3.88	52.47	52.47	4.23	50.41	50.41	4.64	48.15	48.15	5.12	45.60	45.60	5.66	42.74	42.74	6.27
	62 (16.7)	56.55	50.96	3.90	54.10	49.81	4.25	51.51	48.60	4.66	48.72	47.26	5.12	45.72	45.62	5.66	42.80	42.80	6.27
	63 (17.2)††	57.59	41.39	3.91	55.07	40.26	4.26	52.40	39.08	4.66	49.48	37.79	5.13	46.28	36.40	5.67	42.72	34.86	6.27
	67 (19.4)	62.15	43.03	3.95	59.42	41.89	4.30	56.50	40.68	4.71	53.33	39.39	5.18	49.84	37.98	5.71	45.99	36.44	6.32
	72 (22.2)	68.43	34.93	4.02	65.39	33.78	4.37	62.16	32.57	4.77	58.63	31.26	5.24	54.80	29.86	5.78	50.53	28.32	6.38
1750	57 (13.9)	55.76	55.76	3.94	53.76	53.76	4.29	51.60	51.60	4.71	49.24	49.24	5.18	46.59	46.59	5.72	43.60	43.60	6.34
	62 (16.7)	57.31	53.09	3.95	54.80	51.91	4.31	52.18	50.65	4.71	49.87	48.12	5.19	46.66	46.66	5.72	43.67	43.67	6.34
	63 (17.2)††	58.26	42.83	3.96	55.68	41.69	4.31	52.92	40.47	4.72	49.93	39.18	5.19	46.67	37.77	5.72	43.03	36.21	6.33
	67 (19.4)	62.85	44.57	4.01	60.03	43.41	4.36	57.05	42.19	4.76	53.79	40.87	5.23	50.24	39.46	5.77	46.31	37.90	6.37
	72 (22.2)	69.20	35.92	4.08	65.95	34.66	4.42	62.68	33.47	4.83	59.12	32.16	5.29	55.14	30.71	5.83	50.83	29.18	6.44
2000	57 (13.9)	58.07	58.07	4.06	55.90	55.90	4.42	53.58	53.58	4.83	51.01	51.01	5.30	48.19	48.19	5.84	44.96	44.96	6.45
	62 (16.7)	58.62	57.09	4.07	56.08	55.76	4.42	53.66	53.66	4.83	51.09	51.09	5.30	48.25	48.25	5.84	45.03	45.03	6.46
	63 (17.2)††	59.34	45.61	4.07	56.62	44.43	4.42	53.75	43.19	4.83	50.63	41.85	5.29	47.24	40.41	5.83	43.48	38.79	6.43
	67 (19.4)	63.96	47.56	4.12	61.03	46.38	4.47	57.88	45.12	4.87	54.51	43.77	5.34	50.80	42.30	5.87	46.76	40.71	6.48
	72 (22.2)	70.34	37.66	4.19	67.07	36.47	4.53	63.58	35.22	4.93	59.85	33.88	5.40	55.75	32.43	5.94	51.28	30.87	6.55
N4A760GKA Outdoor Section With EA*4X61L24A* Indoor Section - Low																			
1100	57 (13.9)	39.47	39.47	2.61	36.39	36.39	2.93	33.18	33.17	3.30	29.90	29.90	3.71	26.63	26.63	4.17	23.40	23.40	4.69
	62 (16.7)	41.54	36.96	2.59	37.89	34.50	2.92	34.11	31.99	3.29	30.29	29.44	3.71	26.70	26.70	4.17	23.44	23.44	4.69
	63 (17.2)††	42.47	30.19	2.59	38.74	28.02	2.92	34.87	25.80	3.29	30.92	23.57	3.71	27.01	21.39	4.17	23.18	19.23	4.69
	67 (19.4)	46.16	31.48	2.56	42.12	29.27	2.89	37.96	27.00	3.27	33.75	24.71	3.68	29.56	22.50	4.15	25.47	20.32	4.67
	72 (22.2)	51.16	25.80	2.52	46.73	23.82	2.86	42.18	21.81	3.24	37.59	19.81	3.66	33.03	17.84	4.13	28.56	15.92	4.65
1225	57 (13.9)	41.11	41.11	2.64	37.86	37.86	2.97	34.48	34.48	3.34	31.05	31.05	3.75	27.62	27.62	4.21	24.23	24.23	4.73
	62 (16.7)	42.45	39.32	2.63	38.70	36.74	2.96	34.84	34.07	3.33	31.11	31.11	3.75	27.67	27.67	4.21	24.27	24.27	4.73
	63 (17.2)††	43.35	31.80	2.63	39.49	29.54	2.96	35.50	27.24	3.33	31.45	24.93	3.75	27.43	22.64	4.22	23.51	20.42	4.74
	67 (19.4)	47.06	33.20	2.60	42.89	30.88	2.93	38.60	28.53	3.31	34.28	26.17	3.73	29.98	23.86	4.19	25.80	21.61	4.72
	72 (22.2)	52.13	26.86	2.56	47.56	24.83	2.90	42.87	22.76	3.28	38.15	20.70	3.70	33.47	18.67	4.17	28.89	16.70	4.69
1350	57 (13.9)	42.54	42.54	2.67	39.15	39.15	3.00	35.63	35.63	3.37	32.05	32.05	3.79	28.47	28.47	4.25	24.94	24.94	4.77
	62 (16.7)	43.25	41.59	2.67	39.54	38.98	3.00	35.69	35.69	3.37	32.10	32.10	3.79	28.52	28.52	4.25	24.98	24.98	4.77
	63 (17.2)††	44.04	33.35	2.67	41.92	41.92	2.98	36.00	28.63	3.37	31.86	26.24	3.79	27.77	23.88	4.26	23.78	21.57	4.78
	67 (19.4)	47.76	34.85	2.64	43.49	32.46	2.97	39.11	30.03	3.35	34.69	27.60	3.77	30.32	25.20	4.24	26.05	22.85	4.76
	72 (22.2)	52.88	27.89	2.60	48.19	25.79	2.94	43.39	23.67	3.32	38.57	21.56	3.74	33.80	19.49	4.21	29.12	17.46	4.73
1475	57 (13.9)	43.82	43.82	2.71	40.29	40.29	3.04	36.62	36.62	3.41	32.91	32.91	3.83	29.16	29.16	4.29	25.55	25.55	4.81
	62 (16.7)	44.56	42.51	2.70	40.36	40.36	3.04	36.68	36.68	3.41	32.96	32.96	3.82	29.24	29.24	4.29	25.59	25.59	4.81
	63 (17.2)††	44.62	34.87	2.71	40.58	32.45	3.04	36.41	29.99	3.41	32.20	27.53	3.83	28.04	25.08	4.30	24.01	22.68	4.83
	67 (19.4)	48.34	36.48	2.68	43.99	34.01	3.01	39.45	31.46	3.39	35.02	28.98	3.81	30.58	26.50	4.28	26.27	24.06	4.80
	72 (22.2)	53.48	28.88	2.64	48.68	26.73	2.98	43.67	24.54	3.35	38.90	22.39	3.78	34.04	20.27	4.25	29.30	18.21	4.78

† Total and sensible capacities are net capacities. Blower motor heat has been subtracted.

‡ Sensible capacities shown are based on 80°F (27°C) entering air at the indoor coil. For sensible capacities at other than 80°F (27°C), deduct 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air for each degree below 80°F (27°C), or add 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coil air per degree above 80°F (27°C).

Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per AHRI standard 210/240- 2008. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

** System kw is total of indoor and outdoor unit kilowatts.

At TVA rating indoor condition (75°F edb/63°F ewb). All other indoor air temperatures are at 80°F edb.

EWB — Entering Wet Bulb

NOTE: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

CONDENSER ONLY RATINGS

SST °F (°C)		CONDENSER ENTERING AIR TEMPERATURES °F (°C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
N4A724GKA - High									
30 (- 1.11)	TCG	20.20	19.70	19.00	18.10	17.10	16.00	14.80	13.60
	SDT	71.20	81.10	90.90	100.60	110.20	119.90	129.60	139.40
	KW	1.07	1.20	1.34	1.49	1.67	1.87	2.12	2.41
35 (1.67)	TCG	22.50	21.90	21.10	20.10	19.10	17.90	16.70	15.30
	SDT	72.70	82.40	92.20	101.80	111.40	121.10	130.80	140.50
	KW	1.10	1.23	1.36	1.51	1.69	1.90	2.15	2.44
40 (4.44)	TCG	24.90	24.20	23.30	22.30	21.20	20.00	18.60	17.20
	SDT	74.20	83.80	93.50	103.10	112.70	122.30	132.00	141.60
	KW	1.12	1.25	1.38	1.54	1.71	1.92	2.17	2.47
45 (7.22)	TCG	27.50	26.70	25.70	24.60	23.40	22.10	20.70	19.20
	SDT	75.70	85.30	94.90	104.50	114.00	123.50	133.10	142.80
	KW	1.15	1.27	1.40	1.56	1.73	1.95	2.20	2.50
50 (10.0)	TCG	30.30	29.40	28.30	27.10	25.80	24.40	23.00	21.40
	SDT	77.30	86.90	96.40	105.90	115.30	124.80	134.30	143.90
	KW	1.17	1.29	1.42	1.58	1.76	1.97	2.22	2.53
55 (12.78)	TCG	33.30	32.20	31.10	29.80	28.40	26.90	25.30	23.70
	SDT	79.00	88.40	97.90	107.30	116.70	126.10	135.60	145.00
	KW	1.19	1.31	1.44	1.60	1.78	1.99	2.25	2.56
60 (15.56)	TCG	36.40	35.20	34.00	32.60	31.10	29.50	27.90	26.10
	SDT	80.70	90.10	99.40	108.80	118.10	127.40	136.80	146.20
	KW	1.21	1.33	1.46	1.62	1.80	2.02	2.28	2.58
N4A724GKA - Low									
30 (- 1.11)	TCG	14.50	14.20	13.70	12.90	12.00	11.00	9.90	8.80
	SDT	63.50	73.40	83.10	92.70	102.20	111.70	121.10	130.60
	KW	0.79	0.91	1.04	1.18	1.34	1.51	1.69	1.90
35 (1.67)	TCG	16.20	15.90	15.30	14.50	13.50	12.40	11.30	10.20
	SDT	64.30	74.10	83.80	93.40	102.90	112.30	121.80	131.20
	KW	0.78	0.90	1.02	1.17	1.33	1.50	1.69	1.89
40 (4.44)	TCG	18.10	17.70	17.00	16.10	15.10	14.00	12.80	11.60
	SDT	65.20	75.00	84.60	94.10	103.60	113.00	122.40	131.80
	KW	0.77	0.88	1.01	1.15	1.31	1.49	1.68	1.89
45 (7.22)	TCG	20.10	19.60	18.80	17.80	16.70	15.50	14.30	13.00
	SDT	66.10	75.80	85.40	94.90	104.30	113.70	123.10	132.40
	KW	0.76	0.87	0.99	1.14	1.30	1.47	1.67	1.89
50 (10.0)	TCG	22.20	21.60	20.70	19.70	18.50	17.20	15.90	14.50
	SDT	67.10	76.70	86.10	95.70	105.00	114.40	123.70	133.10
	KW	0.75	0.85	0.98	1.12	1.28	1.46	1.66	1.88
55 (12.78)	TCG	24.50	23.70	22.70	21.60	20.30	19.00	17.50	16.10
	SDT	68.10	77.60	87.10	96.50	105.80	115.10	124.40	133.70
	KW	0.73	0.83	0.96	1.10	1.26	1.45	1.65	1.88
60 (15.56)	TCG	26.90	26.00	24.90	23.60	22.20	20.80	19.30	17.70
	SDT	69.10	78.60	88.00	97.30	106.60	115.90	125.10	134.40
	KW	0.71	0.81	0.93	1.08	1.24	1.43	1.64	1.87
N4A736GKA - High									
30 (- 1.11)	TCG	31.90	30.70	29.40	28.00	26.50	24.90	23.00	20.90
	SDT	71.60	81.10	90.60	100.20	109.60	119.10	128.40	137.70
	KW	1.61	1.77	1.97	2.19	2.45	2.74	3.06	3.42
35 (1.67)	TCG	35.30	34.00	32.60	31.10	29.50	27.60	25.60	23.30
	SDT	73.10	82.50	92.00	101.40	110.80	120.20	129.50	138.70
	KW	1.65	1.81	2.00	2.22	2.48	2.77	3.10	3.46
40 (4.44)	TCG	38.90	37.50	36.00	34.40	32.60	30.60	28.40	26.00
	SDT	74.70	84.00	93.40	102.80	112.20	121.40	130.60	139.80
	KW	1.69	1.85	2.03	2.25	2.51	2.80	3.13	3.50
45 (7.22)	TCG	42.70	41.20	39.60	37.90	36.00	33.80	31.40	28.80
	SDT	76.30	85.60	94.90	104.20	113.50	122.70	131.80	140.80
	KW	1.74	1.89	2.07	2.29	2.54	2.83	3.16	3.53
50 (10.0)	TCG	46.70	45.10	43.40	41.60	39.50	37.20	34.60	31.80
	SDT	77.90	87.20	96.50	105.70	114.90	124.00	133.00	141.90
	KW	1.80	1.93	2.11	2.32	2.57	2.87	3.20	3.57
55 (12.78)	TCG	50.90	49.30	47.50	45.50	43.30	40.80	38.00	35.00
	SDT	79.70	88.90	98.10	107.20	116.30	125.30	134.20	143.10
	KW	1.85	1.98	2.15	2.36	2.61	2.90	3.23	3.60
60 (15.56)	TCG	55.40	53.60	51.70	49.60	47.20	44.60	41.60	38.40
	SDT	81.50	90.60	99.70	108.80	117.80	126.70	135.50	144.20
	KW	1.92	2.04	2.20	2.40	2.65	2.94	3.27	3.64

See notes at end of section.

SST °F (°C)		CONDENSER ENTERING AIR TEMPERATURES °F (°C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
N4A736GKA - Low									
30 (- 1.11)	TCG	21.70	20.80	19.90	19.00	17.90	16.70	15.20	13.60
	SDT	64.40	74.10	83.70	93.30	102.90	112.50	121.90	131.40
	KW	1.44	1.49	1.54	1.59	1.63	1.66	1.67	1.66
35 (1.67)	TCG	24.20	23.20	22.20	21.20	20.00	18.70	17.20	15.40
	SDT	65.40	74.90	84.50	94.10	103.70	113.20	122.60	132.00
	KW	1.41	1.47	1.53	1.58	1.62	1.65	1.66	1.65
40 (4.44)	TCG	27.00	25.90	24.70	23.60	22.30	20.90	19.20	17.40
	SDT	66.30	75.80	85.40	95.00	104.50	114.00	123.30	132.70
	KW	1.38	1.45	1.51	1.56	1.60	1.64	1.65	1.64
45 (7.22)	TCG	29.90	28.70	27.40	26.10	24.80	23.20	21.50	19.50
	SDT	67.40	76.80	86.40	95.90	105.40	114.70	124.10	133.40
	KW	1.34	1.42	1.49	1.54	1.59	1.62	1.64	1.62
50 (10.0)	TCG	33.10	31.70	30.30	28.90	27.40	25.70	23.80	21.70
	SDT	68.50	77.90	87.40	96.80	106.30	115.60	124.90	134.10
	KW	1.31	1.39	1.47	1.53	1.58	1.61	1.62	1.61
55 (12.78)	TCG	36.40	34.90	33.40	31.80	30.10	28.30	26.20	24.00
	SDT	69.70	79.00	88.50	97.80	107.20	116.50	125.70	134.80
	KW	1.26	1.36	1.44	1.51	1.56	1.60	1.61	1.60
60 (15.56)	TCG	40.00	38.30	36.60	34.90	33.00	31.00	28.80	26.30
	SDT	70.90	80.20	89.50	98.90	108.20	117.40	126.50	135.60
	KW	1.22	1.33	1.42	1.49	1.55	1.58	1.60	1.58
N4A748GKA - High									
30 (- 1.11)	TCG	40.00	39.40	38.00	36.20	34.10	31.80	29.50	27.20
	SDT	71.70	81.50	91.20	100.70	110.10	119.60	129.20	139.00
	KW	2.03	2.28	2.54	2.83	3.16	3.54	3.99	4.52
35 (1.67)	TCG	44.60	43.70	42.20	40.20	38.00	35.50	33.10	30.70
	SDT	73.30	83.00	92.60	102.10	111.50	120.90	130.40	140.10
	KW	2.08	2.32	2.58	2.87	3.20	3.58	4.03	4.58
40 (4.44)	TCG	49.40	48.30	46.60	44.50	42.10	39.50	36.90	34.30
	SDT	75.00	84.60	94.10	103.50	112.80	122.20	131.70	141.30
	KW	2.12	2.36	2.62	2.91	3.24	3.63	4.09	4.63
45 (7.22)	TCG	54.40	53.10	51.30	48.90	46.40	43.60	40.90	38.20
	SDT	76.70	86.20	95.60	104.90	114.20	123.50	132.90	142.50
	KW	2.16	2.40	2.66	2.95	3.28	3.68	4.14	4.70
50 (10.0)	TCG	59.60	58.10	56.10	53.60	50.90	48.00	45.10	42.20
	SDT	78.40	87.80	97.10	106.30	115.60	124.80	134.20	143.60
	KW	2.19	2.43	2.69	2.99	3.33	3.73	4.20	4.76
55 (12.78)	TCG	64.90	63.30	61.00	58.40	55.50	52.50	49.50	46.40
	SDT	80.10	89.40	98.60	107.80	116.90	126.20	135.40	144.80
	KW	2.22	2.46	2.73	3.03	3.38	3.78	4.26	4.83
60 (15.56)	TCG	70.40	68.50	66.10	63.40	60.30	57.20	54.00	50.80
	SDT	81.80	91.00	100.20	109.20	118.30	127.50	136.60	145.90
	KW	2.25	2.49	2.76	3.06	3.42	3.84	4.33	4.90
N4A748GKA - Low									
30 (- 1.11)	TCG	28.80	27.80	26.40	24.60	22.60	20.30	17.80	15.10
	SDT	66.70	76.50	86.20	95.80	105.30	114.70	124.20	133.60
	KW	1.47	1.67	1.90	2.15	2.43	2.75	3.11	3.52
35 (1.67)	TCG	32.00	30.90	29.40	27.60	25.40	0.00	20.40	17.60
	SDT	67.80	77.50	87.20	96.80	106.30	0.00	125.10	134.60
	KW	1.44	1.65	1.88	2.13	2.42	0.00	3.10	3.51
40 (4.44)	TCG	35.50	34.30	32.70	30.80	28.50	26.00	23.30	20.30
	SDT	68.90	78.70	88.30	97.90	107.30	116.80	126.10	135.60
	KW	1.41	1.63	1.86	2.12	2.40	2.73	3.09	3.50
45 (7.22)	TCG	39.20	38.00	36.30	34.30	31.90	29.30	26.40	23.20
	SDT	70.10	79.80	89.50	99.00	108.40	117.80	127.20	136.60
	KW	1.39	1.60	1.84	2.10	2.39	2.72	3.08	3.50
50 (10.0)	TCG	43.30	42.00	40.20	38.10	35.60	32.80	29.70	0.00
	SDT	71.50	81.10	90.70	100.20	109.60	118.90	128.30	0.00
	KW	1.36	1.58	1.82	2.09	2.38	2.70	3.07	0.00
55 (12.78)	TCG	47.70	46.30	44.40	42.20	39.60	36.60	33.40	30.00
	SDT	72.80	82.50	92.00	101.50	110.80	120.20	129.40	138.70
	KW	1.33	1.56	1.80	2.07	2.36	2.69	3.06	3.47
60 (15.56)	TCG	52.50	51.00	49.00	46.60	43.90	40.80	37.40	33.80
	SDT	74.30	83.90	93.40	102.80	112.10	121.40	130.60	139.90
	KW	1.30	1.53	1.78	2.05	2.35	2.68	3.05	3.46

See notes at end of section.

SST °F (°C)		CONDENSER ENTERING AIR TEMPERATURES °F (°C)							
		55 (12.78)	65 (18.33)	75 (23.89)	85 (29.44)	95 (35.0)	105 (40.56)	115 (46.11)	125 (51.67)
N4A760GKA - High									
30 (- 1.11)	TCG	49.90	47.90	45.90	43.90	41.70	39.30	36.50	33.30
	SDT	72.70	81.80	91.10	100.50	109.90	119.20	128.50	137.70
	KW	2.48	2.75	3.06	3.41	3.81	4.27	4.78	5.36
35 (1.67)	TCG	55.00	52.80	50.70	48.60	46.20	43.60	40.60	37.10
	SDT	74.30	83.40	92.60	101.90	111.20	120.40	129.60	138.80
	KW	2.54	2.80	3.11	3.46	3.86	4.32	4.85	5.44
40 (4.44)	TCG	60.50	58.20	55.90	53.60	51.00	48.20	44.90	41.30
	SDT	76.00	85.00	94.20	103.40	112.60	121.70	130.80	139.90
	KW	2.60	2.86	3.16	3.51	3.92	4.38	4.91	5.51
45 (7.22)	TCG	66.40	63.90	61.50	59.00	56.20	53.10	49.60	45.70
	SDT	77.80	86.70	95.80	104.90	114.00	123.10	132.10	141.10
	KW	2.67	2.92	3.22	3.57	3.98	4.45	4.98	5.58
50 (10.0)	TCG	72.70	70.10	67.50	64.70	61.70	58.40	54.60	50.40
	SDT	79.70	88.60	97.50	106.50	115.50	124.50	133.40	142.20
	KW	2.75	2.99	3.29	3.64	4.05	4.52	5.05	5.66
55 (12.78)	TCG	79.60	76.70	73.90	70.80	67.60	64.00	59.90	55.40
	SDT	81.80	90.50	99.40	108.30	117.10	126.00	134.80	143.50
	KW	2.83	3.07	3.36	3.71	4.12	4.59	5.13	5.74
60 (15.56)	TCG	86.80	83.80	80.70	77.40	73.90	69.90	65.60	60.80
	SDT	84.00	92.60	101.30	110.00	118.80	127.50	136.10	144.70
	KW	2.91	3.15	3.44	3.79	4.20	4.67	5.21	5.82
N4A760GKA - Low									
30 (- 1.11)	TCG	33.30	32.50	31.00	29.00	26.50	23.70	20.70	17.50
	SDT	66.60	76.30	85.90	95.30	104.70	113.90	123.10	132.30
	KW	1.73	1.97	2.23	2.53	2.87	3.24	3.66	4.13
35 (1.67)	TCG	37.30	36.30	34.70	32.50	29.90	27.00	23.90	20.50
	SDT	67.80	77.50	87.10	96.50	105.70	115.00	124.10	133.30
	KW	1.71	1.95	2.22	2.52	2.86	3.24	3.66	4.13
40 (4.44)	TCG	41.50	40.40	38.60	36.30	33.60	30.50	27.20	23.70
	SDT	69.20	78.80	88.30	97.60	106.90	116.00	125.10	134.30
	KW	1.68	1.93	2.20	2.51	2.85	3.23	3.66	4.13
45 (7.22)	TCG	46.10	44.70	42.80	40.40	37.50	34.30	30.80	27.10
	SDT	70.60	80.20	89.50	98.80	108.00	117.10	126.20	135.20
	KW	1.66	1.91	2.19	2.50	2.84	3.23	3.65	4.13
50 (10.0)	TCG	50.90	49.40	47.30	44.70	41.70	38.30	34.70	30.80
	SDT	72.10	81.50	90.80	100.00	109.20	118.20	127.20	136.30
	KW	1.63	1.89	2.17	2.48	2.83	3.21	3.64	4.12
55 (12.78)	TCG	56.10	54.30	52.10	49.30	46.10	42.50	38.70	34.70
	SDT	73.60	83.00	92.20	101.30	110.40	119.40	128.40	137.30
	KW	1.60	1.86	2.14	2.46	2.81	3.20	3.64	4.11
60 (15.56)	TCG	61.50	59.60	57.10	54.20	50.80	47.00	43.00	38.80
	SDT	75.20	84.40	93.60	102.60	111.70	120.60	129.50	138.40
	KW	1.57	1.83	2.12	2.44	2.79	3.19	3.62	4.10

* AHRI listing applies only to systems shown in Combination Ratings table.

KW - Outdoor Unit Kilowatts Only.

SDT - Saturated Temperature Leaving Compressor (°F)

SST - Saturated Temperature Entering Compressor (°F/°C)

TCG - Gross Cooling Capacity (1000 Btuh)

Accessory Description and Usage (Listed Alphabetically)

1. Ball- Bearing Fan Motor
A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication.

2. Compressor Start Assist - Capacitor and Relay
Start capacitor and relay gives a hard boost to compressor motor at each start up.

Usage Guideline:

Required for reciprocating compressors in the following applications:

- Long line
- Low ambient cooling
- Hard shut off expansion valve on indoor coil
- Liquid line solenoid on indoor coil

Required for single- phase scroll compressors in the following applications:

- Long line
- Low ambient cooling

Suggested for all single- phase compressors in areas with a history of
low voltage problems.

3. Compressor Start Assist — PTC Type
Solid state electrical device which gives a soft boost to the compressor at each start- up.

Usage Guideline:

Suggested in installations for single- phase units with marginal power supply.

4. Crankcase Heater
An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes the chance of liquid slugging.

Usage Guideline:

Required in low ambient cooling applications.
Required in long line applications.
Suggested in all commercial applications.

5. Evaporator Freeze Thermostat
An SPST temperature- actuated switch that stops unit operation when evaporator reaches freeze- up conditions.

Usage Guideline:

Required when low ambient kit has been added.

6. Isolation Relay
An SPDT relay which switches the low- ambient controller out of the outdoor fan motor circuit when the heat pump switches to heating mode.

Usage Guideline:

Required in all heat pumps where low ambient kit has been added.

7. Liquid- Line Solenoid Valve (LLS)
An electrically operated shutoff valve which stops and starts refrigerant liquid flow in response to compressor operation. It is to be installed at the outdoor unit to control refrigerant off cycle migration in the heating mode.

Usage Guideline:

An LLS is required in all long line heat pump applications to control refrigerant off cycle migration in the heating mode. See Long Line Guideline.

8. Low- Ambient Pressure Switch Kit
A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits. The control will maintain working head pressure at low- ambient temperatures down to 0°F (- 17.8°C) when properly installed.

Usage Guideline:

A Low- Ambient Pressure Switch
Low- Ambient Controller must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).

9. Sound Jacket
Wraparound sound reducing cover for the compressor. Reduces the sound level by about 2 dBA.

Usage Guideline:

Suggested when unit is installed closer than 15 ft. (4.577 m) to quiet areas, bedrooms, etc.
Suggested when unit is installed between two houses less than 10 ft. (3.05 m) apart.

10. Thermostatic Expansion Valve (TXV) Bi- Flow
A modulating flow- control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator.

Usage Guideline:

Accessory required to meet AHRI rating and system reliability, where indoor not equipped.
Required in all heat pump applications designed with R- 410A refrigerant.

11. Time- Delay Relay
An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off.

Note: Most indoor unit controls include this feature. For those that do not, use the guideline below.

Usage Guideline:

Accessory required to meet AHRI rating, where indoor not equipped.

ACCESSORY USAGE GUIDELINE

Accessory	REQUIRED FOR LOW- AMBIENT APPLICATIONS {Below 55°F (13°C)}	REQUIRED FOR LONG- LINE APPLICATIONS*
Crankcase Heater	**Yes**	**Yes**
Evaporator Freeze Thermostat	**Yes**	No
Winter Start Control	**Yes****	No
TXV	**Yes**	**Yes‡**
Hard Start Kit (Capacitor & Relay)	**Yes**	**Yes**
Low Ambient Kit (Pressure Switch)	**Yes**	No
Support Feet, 4” (102mm) tall	Recommended	No

* Refer to the Long Line Application Guideline document.

** Can only be installed in conjunction with the Low Pressure Switch

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

ACCESSORIES

Part Number	Description	Used On Model Size
NASA00601CH	Crankcase Heater for Scroll Compressor	24, 36
NASA001SC	Start Component - PTC Device	ALL
NASA00201FS	Evaporator Freeze Thermostat	ALL
NASA401LS	Liquid Line Solenoid Valve, R- 410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA00201WS	Winter Start Control	ALL
NASA001AC	Anti- Cycle Timer (5 minute delay)	ALL
NASA012SC	Hard Start Kit (Capacitor & Relay)	ALL
NASA401LA	Low Ambient Kit (Pressure Switch), R- 410A	ALL
NASA00106SS	Snow Stand Kit	ALL
NASA001SF	Support Feet, 4” (102mm) tall	42
NASA00201SJ	Sound Jacket, Compressor	24, 36
NASA00101SJ	Sound Jacket, Compressor	48, 60
NAEA40501TX	TXV Kit, R- 410A - for use with copper or tin fan coils	24
NAEA40601TX	TXV Kit, R- 410A - for use with copper or tin fan coils	36
NAEA40701TX	TXV Kit, R- 410A - for use with copper or tin fan coils	48, 60
NAEB40501TX	TXV Kit, R- 410A - for use with aluminum fan coils	24
NAEB40601TX	TXV Kit, R- 410A - for use with aluminum fan coils	36
NAEB40701TX	TXV Kit, R- 410A - for use with aluminum fan coils	48, 60

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