



CCH9

SXT+

Product Specifications

**HIGH EFFICIENCY 19 SEER TWO-STAGE HEAT PUMP WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM
2 THRU 5 TONS SPLIT SYSTEM**

208-230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® Ultratech™ compressors on all models
- Crankcase Heater factory installed
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Discharge gas thermostat
- Copper tube / aluminum fin coil

PERFORMANCE

- Self configuring installation capabilities with Observer Communicating Wall Control
- Outdoor temperature sensor factory installed
- Ball Bearing ECM Fan Motors on all models
- High performance compressor sound shield standard
- Isolation compressor grommets

EASY TO INSTALL AND SERVICE

- Text based diagnostics with Observer Communicating Wall Control
- Only 2 control wires required from communicating indoor unit to condenser
- Easy access service valves on all models
- Innovative control box design
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, 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) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 10 year No Hassle Replacement™ 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)

* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.



TSTAT0101SC
(Sold Separately)



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.

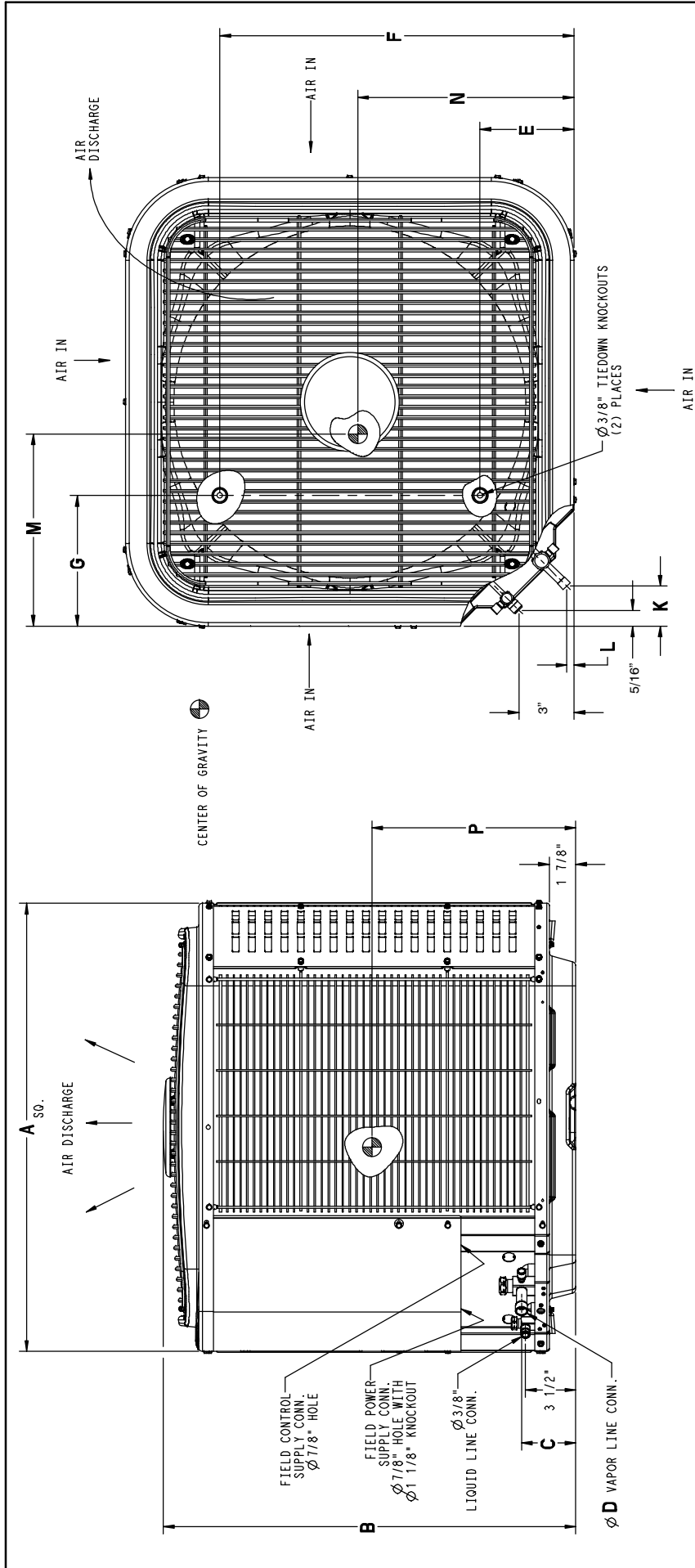


Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)
CCH924GKA3	2	24,000	17.6	25	40-1/4x35x35 (1023x889x889)	309/266(140/121)
CCH936GKA2	3	36,000	24.8	40	43-11/16x35x35 (1110x889x889)	328/283(149/128)
CCH948GKA2	4	48,000	35.4	50	47-1/16x35x35 (1196x889x889)	365/319 (166/145)
CCH960GKA2	5	60,000	38.4	60	47-1/16x35x35 (1196x889x889)	365/320 (166/145)

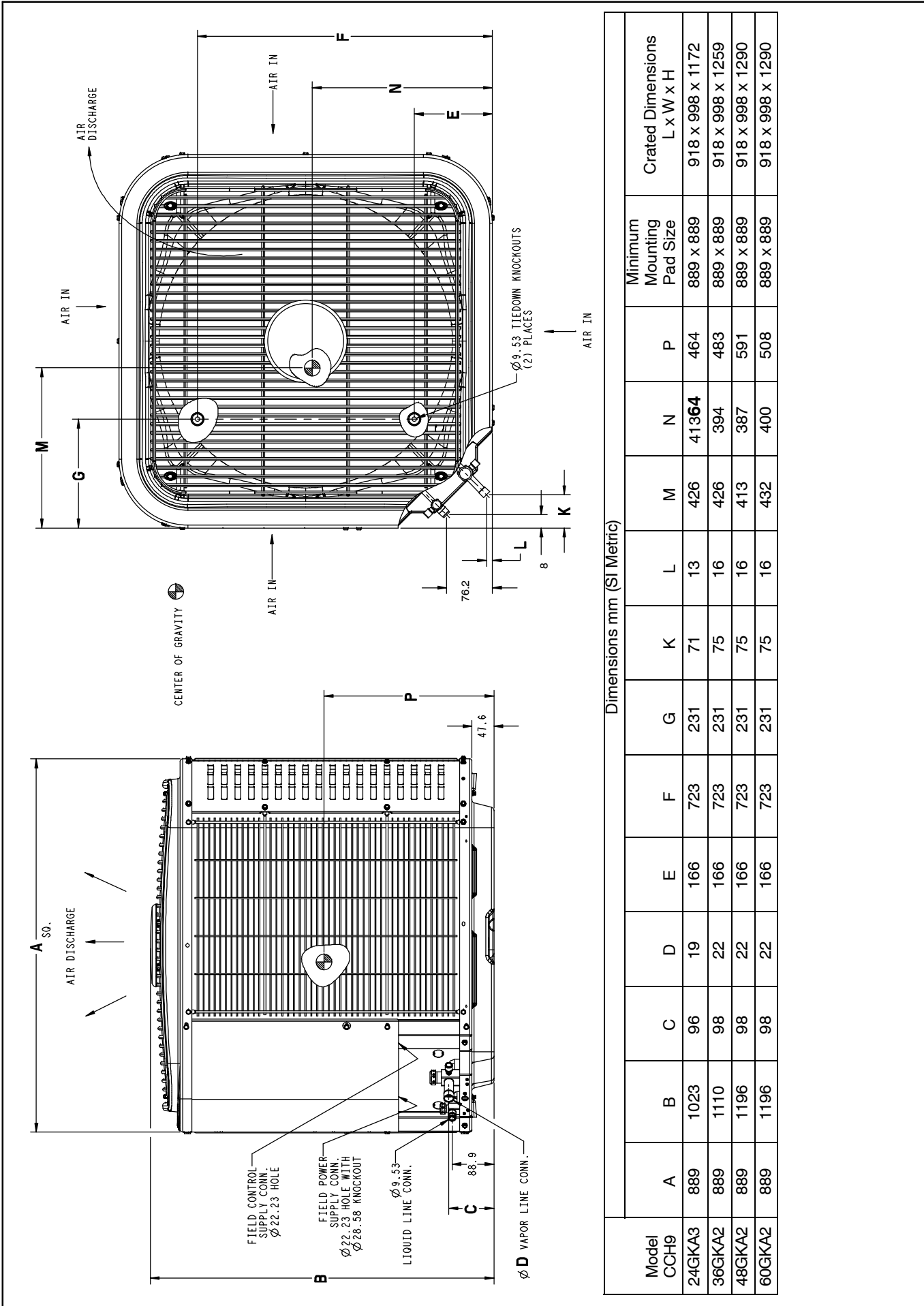
OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	C	C	H	9	24	G	K	A	2	0	0
C = Keeprite Mainline	BRANDING										
C = Communicating	KEY CHARACTERISTIC										
A = Air Conditioner			TYPE								
H = Heat Pump											
6 = 16 SEER 7 = 17 SEER 8 = 18 SEER 9 = 19 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						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	PRODUCT GROUP								
A = Accessory			KIT USAGE						
S = Split System (AC & HP)					MAJOR SERIES				
A = Original B = 2nd Generation									
0 = Generic or Not Applicable 2 = R-22 4 = R-410A						REFRIGERANT			
Product Identifier Number									
Package Quantity									
Type of Kit (Example: CH = Crankcase Heater)									



Dimensions Inches (English)

Model	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size	Crated Dimensions L x W x H
CCH9	35	40-1/4	3-3/4	3/4	6-9/16	28-7/16	9-1/8	2-15/16	1/2	16-3/4	16-1/4	18-1/4	35 x 35	36-1/8 x 39-1/4 x 46-1/8
24GKA3	35	43-11/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	16-3/4	15-1/2	19	35 x 35	36-1/8 x 39-1/4 x 49-9/16
36GKA2	35	47-1/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	16-1/4	15-1/4	23-1/4	35 x 35	36-1/8 x 39-1/4 x 50-13/16
48GKA2	35	47-1/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	15-3/4	20	35 x 35	36-1/8 x 39-1/4 x 50-13/16
60GKA2	35	47-1/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	15-3/4	20	35 x 35	36-1/8 x 39-1/4 x 50-13/16



Dimensions mm (SI Metric)

Model	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size	Crated Dimensions L x W x H
CCH9	889	1023	96	19	166	723	231	71	13	426	413	464	889 x 889	918 x 998 x 1172
24GKA3	889	1110	98	22	166	723	231	75	16	426	394	483	889 x 889	918 x 998 x 1259
36GKA2	889	1196	98	22	166	723	231	75	16	413	387	591	889 x 889	918 x 998 x 1290
48GKA2	889	1196	98	22	166	723	231	75	16	432	400	508	889 x 889	918 x 998 x 1290

PHYSICAL DATA				
Model Size	24GKA3	36GKA2	48GKA2	60GKA2
Nominal Cooling Capacity (BTU/hr)	24,000	36,000	48,000	60,000
SEER Rating‡	18.0	19.0	17.0	16.0
Sound Rating**, High Stage (dBA)	69	70	72	73
Low Stage (dBA)	69	66	68	72
ECM Fan Motor HP	1/5	1/5	1/5	1/5
Fan RPM Hi Speed	613	689	765	828
Fan RPM Low Speed	556	582	659	742
Fan CFM Hi Speed	2934	3700	4281	4668
Fan CFM Low Speed	2662	3124	3728	4209
Coil Face Area (ft ²)	25.15	27.53	30.18	30.18
Coil Rows – fins per inch	2–20	2–20	2–20	2–20
Low Pressure Switch	Open Pressure	23 ± 5 PSIG		
	Close Pressure	55 ± 5 PSIG		
Hi Pressure Switch	Open Pressure	670 ± 10 PSIG		
	Close Pressure	470 ± 25 PSIG		
Liquid Line Connection Size in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vapor Line Connection Size in. (mm)	3/4 (19)	7/8 (22)	7/8 (22)	7/8 (22)
Recommended Line Set Liquid Tube Diameter in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Recommended Line Set Vapor Tube Diameter in. (mm)*	3/4 (19)*	7/8 (22)*	1–1/8 (29)*	1–1/8 (29)*
* Recommended Vapor Tube Line size is for standard installations. These recommendations may not apply to "Long Line" installations. When the total equivalent line length exceeds 80 feet (24.4m) or there is more than 20 feet (6.1m) vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/installing line sets.				
Factory Charge R-410A lbs. (kg)	13.58 (6.16)	14.03 (6.36)	14.45 (6.55)	14.70 (6.67)
Required Subcooling ° F (° C)	11 (6.1)	11 (6.1)	9 (5.0)	11 (6.1)
Outdoor Unit Factory Piston Size (used in Outdoor Unit for heating mode)	46	57	61	67

ELECTRICAL DATA (208–230–1–60, voltage range 197V – 253V)				
Model Size	24GKA3	36GKA2	48GKA2	60GKA2
Minimum Circuit Ampacity – MCA (amps)	17.6	24.8	35.4	38.4
Maximum OverCurrent Protective device – MOCP (amps)	25	40	50	60
Compressor RLA (Rated Load Amps)	12.6	18.0	26.2	28.8
LRA (Locked Rotor Amps)	58.3	83.0	104.0	152.9
Fan Motor FLA (Full Load Amps)	1.8	2.3	2.6	2.4

‡ Highest sales volume tested combination

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

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

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

Applications in this area are long line. Accessories are required as shown recommended on the AC & HP R410A Split System Long Line Applications Guideline.

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

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

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 Keeprite database at:

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

Or scan this QR code:



COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models																	
AHRI STANDARD RATINGS																	
Unit Size	Indoor Model *Tested Model	Furnace Model	Cooling						Heating								
			Capacity		SEER	EER	ID CFM		Capacity		COP		Low Temp				
			High	Low			High	Low	High	Low	High	Low	High	Low	High	Low	
CCH924GKA3	*FCM4X36****		24800	22200	18	13.5	800	760	25000	18600	4.2	4.4	15500	10500	2.96	2.6	10
CCH936GKA2	*FCM4X60****		36600	31600	19	13.7	1207	924	37400	25400	4.34	4.38	22800	15100	3.04	2.68	10
CCH948GKA2	*FCM4X60****		47000	38000	17	13.2	1400	1120	47500	34000	3.88	4.08	29800	20400	2.9	2.66	9.5
CCH960GKA2	*FCM4X60****		56000	45500	16	12.5	1750	1400	58500	39500	3.8	3.92	36000	24000	2.82	2.52	9.5

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

* AHRI = Air Conditioning, Heating & Refrigeration Institute

EERA — Energy Efficiency Ratio – 'A' conditions – 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

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.

EXPANDED COOLING PERFORMANCE RATINGS For GKA300 Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.

New ratings may be listed online before Specification Sheets are updated.

High Cool, CCH924GKA300 Outdoor With FCM4X36** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
650	MBh†	23.75	25.12	25.58	27.77	30.69	22.26	23.35	23.77	25.79	28.50	20.73	21.54	21.92	23.80	26.29	19.18	19.73	20.05	21.78	24.08	17.61	17.92	18.18	19.78	21.89
	S/T‡	1.00	0.87	0.71	0.68	0.51	1.00	0.89	0.72	0.69	0.52	1.00	0.90	0.73	0.70	0.52	1.00	0.92	0.74	0.71	0.53	1.00	0.94	0.76	0.73	0.54
	AMPS*	6.07	6.11	6.12	6.17	6.24	6.88	6.91	6.92	6.97	7.03	7.81	7.83	7.84	7.89	7.95	8.90	8.92	8.93	8.97	9.03	10.20	10.21	10.22	10.27	10.33
	HI PR	250	252	252	255	258	290	292	292	295	299	335	336	337	340	344	384	385	385	389	393	438	438	439	442	447
	LO PR	117	123	125	134	147	120	125	127	136	149	123	127	129	138	151	126	129	131	141	153	130	132	133	143	156
700	MBh†	24.45	25.58	26.04	28.25	31.20	22.90	23.77	24.18	26.23	28.95	21.31	21.92	22.28	24.17	26.69	19.70	20.07	20.36	22.11	24.44	18.09	18.24	18.45	20.06	22.20
	S/T‡	1.00	0.89	0.72	0.69	0.52	1.00	0.91	0.73	0.70	0.53	1.00	0.92	0.74	0.71	0.53	1.00	0.94	0.76	0.73	0.54	1.00	0.96	0.77	0.75	0.55
	AMPS*	6.11	6.14	6.15	6.21	6.27	6.92	6.95	6.95	7.00	7.06	7.85	7.87	7.88	7.92	7.98	8.94	8.95	8.96	9.01	9.07	10.24	10.25	10.25	10.30	10.36
	HI PR	251	252	253	256	259	291	293	293	296	300	336	337	337	341	345	385	386	386	389	394	439	439	439	443	447
	LO PR	120	125	127	137	149	123	127	129	138	151	126	129	131	141	153	129	132	133	143	155	133	134	135	145	158
750	MBh†	25.09	26.00	26.45	28.68	31.65	23.49	24.15	24.54	26.60	29.36	21.85	22.27	22.59	24.50	27.05	20.19	20.39	20.64	22.40	24.75	18.51	18.56	18.68	20.31	22.47
	S/T‡	1.00	0.91	0.73	0.71	0.53	1.00	0.93	0.74	0.72	0.53	1.00	0.94	0.76	0.73	0.54	1.00	0.96	0.77	0.75	0.55	1.00	1.00	0.81	0.78	0.56
	AMPS*	6.15	6.18	6.19	6.24	6.30	6.96	6.98	6.99	7.04	7.09	7.89	7.90	7.91	7.96	8.01	8.98	8.99	8.99	9.04	9.10	10.28	10.28	10.29	10.34	10.39
	HI PR	252	253	253	256	260	292	293	294	297	300	337	337	338	341	345	386	386	387	390	394	440	440	440	444	448
	LO PR	123	127	129	139	151	126	129	131	140	153	129	131	132	142	155	132	134	135	145	157	136	136	137	147	160
800	MBh†	25.68	26.39	26.81	29.05	32.06	24.03	24.50	24.85	26.93	29.72	22.34	22.60	22.87	24.80	27.37	20.63	20.69	20.88	22.66	25.03	18.91	18.94	18.99	20.53	22.71
	S/T‡	1.00	0.93	0.75	0.72	0.53	1.00	0.95	0.76	0.73	0.54	1.00	0.96	0.77	0.75	0.55	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.81	0.78	0.56
	AMPS*	6.19	6.21	6.22	6.27	6.34	7.00	7.01	7.02	7.07	7.13	7.93	7.93	7.94	7.99	8.04	9.02	9.02	9.02	9.07	9.13	10.32	10.32	10.32	10.37	10.42
	HI PR	252	253	254	257	260	293	294	294	297	301	338	338	338	342	346	387	387	387	391	395	441	441	441	444	448
	LO PR	126	129	130	140	153	129	131	132	142	155	132	133	134	144	157	135	135	136	146	159	139	139	138	148	161
850	MBh†	26.24	26.75	27.13	29.39	32.42	24.53	24.83	25.14	27.23	30.04	22.79	22.92	23.12	25.06	27.65	21.04	21.07	21.09	22.89	25.27	19.27	19.30	19.08	20.73	22.92
	S/T‡	1.00	0.95	0.76	0.73	0.54	1.00	0.96	0.77	0.75	0.55	1.00	0.99	0.79	0.76	0.55	1.00	1.00	0.80	0.78	0.56	1.00	1.00	0.83	0.80	0.57
	AMPS*	6.23	6.24	6.25	6.30	6.37	7.04	7.04	7.05	7.10	7.16	7.96	7.97	7.97	8.02	8.07	9.05	9.05	9.05	9.10	9.16	10.36	10.36	10.35	10.40	10.45
	HI PR	253	254	254	257	261	294	294	295	298	301	338	339	339	342	346	388	388	388	391	396	442	442	441	445	449
	LO PR	128	131	132	142	155	131	133	134	144	156	134	135	135	146	158	138	138	137	148	160	141	141	140	150	163

Low Cool, CCH924GKA300 Outdoor With FCM4X36** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
400	MBh†	15.96	17.27	17.61	19.18	21.30	15.09	16.16	16.48	17.96	19.95	14.15	14.97	15.26	16.66	18.52	13.17	13.75	14.01	15.31	17.05	12.16	12.52	12.73	13.96	15.58
	S/T‡	1.00	0.84	0.69	0.66	0.50	1.00	0.86	0.70	0.67	0.51	1.00	0.88	0.71	0.68	0.51	1.00	0.90	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.53
	AMPS*	4.30	4.25	4.24	4.18	4.11	5.07	5.03	5.02	4.96	4.87	5.97	5.93	5.92	5.86	5.78	7.00	6.98	6.97	6.91	6.84	8.19	8.18	8.17	8.13	8.08
	HI PR	241	243	244	246	248	281	282	283	285	288	324	325	326	328	331	372	373	373	376	379	424	425	425	428	432
	LO PR	111	119	121	130	142	114	121	123	132	145	118	124	126	135	147	122	127	128	138	150	127	130	131	141	153
500	MBh†	17.55	18.36	18.70	20.35	22.57	16.56	17.15	17.45	19.00	21.07	15.49	15.87	16.12	17.58	19.51	14.39	14.57	14.76	16.13	17.92	13.27	13.30	13.38	14.66	16.33
	S/T‡	1.00	0.90	0.73	0.70	0.52	1.00	0.92	0.74	0.71	0.53	1.00	0.94	0.75	0.72	0.54	1.00	0.96	0.77	0.74	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	4.28	4.25	4.24	4.18	4.10	5.05	5.03	5.02	4.95	4.87	5.95	5.94	5.93	5.86	5.78	6.99	6.99	6.98	6.92	6.85	8.20	8.20	8.20	8.15	8.10
	HI PR	244	245	245	247	250	283	284	284	287	290	326	327	327	330	333	374	375	375	378	381	427	427	427	430	434
	LO PR	121	126	127	137	150	124	128	130	139	152	128	130	132	142	155	132	133	134	144	157	136	137	137	147	160
600	MBh†	18.82	19.20	19.49	21.19	23.47	17.72	17.93	18.15	19.75	21.87	16.56	16.61	16.74	18.23	20.21	15.35	15.38	15.30	16.69	18.54	14.14	14.16	13.85	15.15	16.87
	S/T‡	1.00	0.95	0.76	0.74	0.54	1.00	0.97	0.78	0.75	0.55	1.00	1.00	0.80	0.77	0.56	1.00	1.00	0.82	0.79	0.57	1.00	1.00	0.85	0.82	0.58
	AMPS*	4.28	4.26	4.26	4.19	4.10	5.05	5.04	5.03	4.96	4.87	5.95	5.95	5.94	5.88	5.79	7.00	7.00	7.00	6.94	6.87	8.22	8.22	8.23	8.18	8.13
	HI PR	245	246	246	248	251	285	285	285	288	291	328	328	329	331	334	376	376	376	379	382	429	429	428	431	435
	LO PR	129	131	132	143	155	132	133	134	145	157	136	136	136	147	160	140	140	139	149	162	144	144	141	152	165
700	MBh†	19.87	19.92	20.07	21.82	24.15	18.68	18.71	18.67	20.30	22.47	17.43	17.46	17.20	18.72	20.74	16.14	16.16	15.70	17.12	18.99	14.84	14.86	14.21	15.53	17.26
	S/T‡	1.00	1.00	0.80	0.77	0.56	1.00	1.00	0.82	0.79	0.57	1.00	1.00	0.84	0.81	0.58	1.00	1.00	0.87	0.84	0.59	1.00	1.00	0.89	0.87	0.61
	AMPS*	4.28	4.28	4.27	4.21	4.12	5.05	5.05	5.05	4.98	4.89	5.95	5.95	5.97	5.90	5.81	7.01	7.01	7.03	6.97	6.89	8.24	8.24	8.26	8.22	8.16
	HI PR	247	247	247	249	252	286	286	286	289	292	330	330	329	332	335	378	378	377	380	383	431	431	429	432	436
	LO PR	135	136	136	147	160	138	139	138	148	162	142	142	140	151	164	146	146	142	153	166	150	150	144	155	168
800	MBh†	20.74	20.77	20.53	22.30	24.68	19.48	19.51	19.08	20.73	22.93	18.15	18.18	17.57	19.10	21.14	16.79	16.81	16.03	17.46	19.34	15.42	15.44	14.51	15.84</	

EXPANDED COOLING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.

New ratings may be listed online before Specification Sheets are updated.

High Cool, CCH936GKA200 Outdoor With FCM4X60** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
900	MBh†	34.90	37.27	38.08	41.20	45.46	32.48	34.38	35.13	38.01	41.97	30.06	31.50	32.19	34.83	38.48	27.61	28.61	29.22	31.63	34.95	25.12	25.68	26.23	28.40	31.41
	S/T‡	1.00	0.86	0.69	0.67	0.50	1.00	0.87	0.70	0.68	0.51	1.00	0.89	0.72	0.69	0.51	1.00	0.92	0.73	0.70	0.52	1.00	0.95	0.75	0.72	0.53
	AMPS*	9.11	9.20	9.23	9.36	9.54	10.08	10.14	10.16	10.26	10.41	11.21	11.25	11.27	11.35	11.47	12.51	12.54	12.56	12.63	12.73	14.01	14.03	14.04	14.11	14.21
	HI PR	253	255	256	259	262	294	296	297	300	303	339	341	341	344	349	388	390	390	394	398	442	443	444	447	452
	LO PR	119	127	129	139	153	122	129	131	141	155	126	131	133	144	158	129	134	136	146	160	134	136	138	149	163
975	MBh†	36.01	37.97	38.78	41.91	46.22	33.49	35.00	35.75	38.65	42.64	30.97	32.04	32.72	35.38	39.06	28.42	29.08	29.68	32.09	35.46	25.84	26.11	26.60	28.79	31.83
	S/T‡	1.00	0.88	0.71	0.68	0.51	1.00	0.90	0.72	0.69	0.51	1.00	0.92	0.73	0.71	0.52	1.00	0.95	0.75	0.72	0.53	1.00	0.98	0.77	0.75	0.54
	AMPS*	9.20	9.28	9.31	9.44	9.62	10.16	10.21	10.23	10.34	10.48	11.28	11.32	11.33	11.42	11.54	12.59	12.61	12.62	12.69	12.80	14.08	14.09	14.10	14.18	14.27
	HI PR	254	256	257	259	262	295	297	297	300	304	340	341	342	345	349	389	390	391	394	399	443	444	444	448	453
	LO PR	123	129	132	142	156	126	131	134	144	158	129	133	136	146	160	133	136	138	148	163	137	139	141	151	165
1050	MBh†	37.02	38.57	39.38	42.53	46.88	34.41	35.54	36.28	39.18	43.22	31.80	32.52	33.18	35.84	39.56	29.16	29.51	30.06	32.49	35.88	26.49	26.53	26.91	29.11	32.18
	S/T‡	1.00	0.90	0.72	0.69	0.52	1.00	0.92	0.73	0.71	0.52	1.00	0.95	0.75	0.72	0.53	1.00	0.97	0.77	0.74	0.54	1.00	1.00	0.79	0.77	0.55
	AMPS*	9.30	9.36	9.39	9.52	9.70	10.24	10.28	10.31	10.41	10.56	11.36	11.38	11.40	11.49	11.61	12.66	12.67	12.68	12.76	12.87	14.16	14.16	14.17	14.24	14.33
	HI PR	255	257	257	260	263	296	297	298	301	305	341	342	343	346	350	390	391	392	395	399	444	444	445	448	453
	LO PR	126	131	134	144	158	129	133	136	146	160	133	136	138	148	162	136	138	140	150	165	141	141	142	153	167
1200	MBh†	38.80	39.61	40.35	43.52	47.95	36.02	36.48	37.13	40.06	44.15	33.25	33.39	33.90	36.60	40.36	30.44	30.49	30.67	33.13	36.56	27.61	27.65	27.43	29.65	32.74
	S/T‡	1.00	0.95	0.75	0.73	0.53	1.00	0.97	0.77	0.74	0.54	1.00	0.99	0.78	0.76	0.55	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.83	0.81	0.57
	AMPS*	9.48	9.51	9.53	9.67	9.86	10.40	10.42	10.44	10.55	10.70	11.51	11.51	11.53	11.62	11.75	12.80	12.80	12.80	12.88	12.99	14.30	14.30	14.29	14.36	14.46
	HI PR	257	258	258	261	264	298	298	299	302	306	343	343	344	347	351	392	392	393	396	401	446	446	446	449	454
	LO PR	133	135	137	148	162	136	137	139	150	164	139	139	141	152	166	142	143	143	154	168	146	147	145	156	170

Low Cool, CCH936GKA200 Outdoor With FCM4X60** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
720	MBh†	26.09	27.18	27.76	30.19	33.60	24.40	25.17	25.70	27.96	31.13	22.70	23.18	23.65	25.73	28.66	20.97	21.17	21.56	23.48	26.17	19.19	19.23	19.44	21.18	23.64
	S/T‡	1.00	0.90	0.72	0.69	0.51	1.00	0.91	0.72	0.69	0.51	1.00	0.92	0.73	0.70	0.51	1.00	0.93	0.74	0.71	0.51	1.00	1.00	0.75	0.72	0.52
	AMPS*	6.06	6.03	6.01	5.93	5.81	7.03	7.00	6.99	6.92	6.82	8.16	8.14	8.13	8.06	7.97	9.49	9.48	9.47	9.40	9.31	11.04	11.04	11.04	10.96	10.85
	HI PR	248	249	250	252	255	288	289	290	292	296	332	333	334	337	341	381	382	382	385	389	435	435	435	438	442
	LO PR	129	133	135	146	160	132	135	137	148	162	135	137	139	150	164	139	140	141	152	167	143	143	144	155	169
780	MBh†	26.90	27.67	28.23	30.70	34.16	25.14	25.62	26.12	28.41	31.61	23.38	23.59	24.01	26.12	29.08	21.58	21.62	21.88	23.81	26.53	19.73	19.77	19.70	21.47	23.94
	S/T‡	1.00	0.92	0.74	0.71	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.95	0.75	0.72	0.52	1.00	1.00	0.76	0.73	0.52	1.00	1.00	0.77	0.74	0.53
	AMPS*	6.06	6.03	6.02	5.93	5.82	7.03	7.01	7.00	6.93	6.83	8.16	8.16	8.15	8.08	7.99	9.49	9.49	9.49	9.42	9.32	11.05	11.05	11.05	10.98	10.87
	HI PR	249	250	250	253	256	289	290	290	293	297	333	334	334	337	341	382	382	383	386	390	436	436	435	439	443
	LO PR	132	135	137	148	162	135	137	139	150	164	138	140	141	152	166	142	142	143	154	169	146	147	146	157	171
840	MBh†	27.65	28.12	28.65	31.14	34.64	25.83	26.04	26.49	28.79	32.03	24.00	24.04	24.33	26.45	29.44	22.13	22.17	22.15	24.10	26.83	20.23	20.26	19.94	21.71	24.20
	S/T‡	1.00	0.95	0.75	0.73	0.53	1.00	0.96	0.76	0.73	0.53	1.00	1.00	0.77	0.74	0.53	1.00	1.00	0.78	0.75	0.54	1.00	1.00	0.79	0.77	0.54
	AMPS*	6.06	6.05	6.03	5.94	5.83	7.03	7.03	7.02	6.94	6.84	8.17	8.17	8.16	8.09	8.00	9.50	9.50	9.51	9.44	9.34	11.06	11.05	11.07	10.99	10.89
	HI PR	250	250	251	253	257	290	290	291	294	297	334	334	335	338	342	383	383	383	386	391	437	437	436	439	443
	LO PR	136	138	139	150	164	139	140	141	152	166	142	142	143	154	168	145	146	145	156	171	150	150	147	158	173
960	MBh†	28.98	29.03	29.34	31.86	35.42	27.04	27.08	27.09	29.42	32.71	25.09	25.13	24.86	27.00	30.02	23.11	23.14	22.60	24.57	27.32	21.08	21.11	20.32	22.10	24.61
	S/T‡	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.80	0.77	0.55	1.00	1.00	0.81	0.78	0.55	1.00	1.00	0.82	0.80	0.56	1.00	1.00	0.84	0.81	0.57
	AMPS*	6.07	6.07	6.06	5.97	5.85	7.05	7.05	7.05	6.97	6.87	8.19	8.19	8.20	8.13	8.04	9.52	9.52	9.55	9.48	9.37	11.07	11.07	11.11	11.03	10.92
	HI PR	251	251	251	254	257	292	292	292	294	298	336	336	336	339	343	385	385	384	387	391	438	438	437	440	444
	LO PR	142	142	143	153	168	144	145	144	155	170	148	148	146	157	172	151	151	148	159	174	155	155	150	161	176

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

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

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

EXPANDED COOLING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

High Cool, CCH948GKA200 Outdoor With FCM4X60** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
1200	MBh†	42.07	44.69	45.66	49.48	54.78	40.71	42.84	43.77	47.44	52.55	39.20	40.84	41.73	45.25	50.14	37.56	38.70	39.51	42.87	47.53	35.76	36.37	37.11	40.28	44.68
	S/T‡	1.00	0.87	0.70	0.67	0.50	1.00	0.89	0.71	0.68	0.51	1.00	0.91	0.72	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53
	AMPS*	12.81	12.91	12.95	13.10	13.31	14.13	14.22	14.25	14.40	14.62	15.55	15.62	15.65	15.81	16.03	17.10	17.15	17.19	17.35	17.58	18.82	18.85	18.89	19.06	19.30
	HI PR	258	261	261	264	269	300	302	302	306	310	345	346	347	351	356	394	396	396	400	406	448	449	450	454	460
	LO PR	120	127	129	139	152	123	129	131	141	154	127	131	133	143	157	130	134	136	146	159	134	136	138	149	162
1300	MBh†	43.36	45.47	46.44	50.30	55.67	41.92	43.56	44.49	48.20	53.36	40.34	41.52	42.37	45.93	50.86	38.63	39.31	40.08	43.47	48.18	36.74	36.97	37.60	40.80	45.23
	S/T‡	1.00	0.89	0.72	0.69	0.51	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53	1.00	0.99	0.78	0.75	0.54
	AMPS*	12.95	13.04	13.07	13.22	13.44	14.27	14.34	14.37	14.53	14.74	15.69	15.74	15.77	15.93	16.15	17.24	17.27	17.30	17.47	17.70	18.96	18.98	19.00	19.18	19.43
	HI PR	260	261	262	265	269	301	302	303	307	311	346	347	348	352	357	396	396	397	401	407	450	450	451	455	461
	LO PR	124	129	131	141	155	127	131	133	143	157	130	133	135	146	159	134	136	138	148	162	138	139	140	150	164
1400	MBh†	44.53	46.16	47.12	51.02	56.44	43.02	44.22	45.09	48.85	54.05	41.38	42.12	42.92	46.50	51.49	39.59	39.89	40.57	43.98	48.72	37.62	37.68	38.02	41.24	45.70
	S/T‡	1.00	0.92	0.73	0.70	0.52	1.00	0.94	0.74	0.72	0.53	1.00	0.96	0.76	0.73	0.53	1.00	0.98	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	13.09	13.15	13.18	13.34	13.56	14.41	14.45	14.49	14.64	14.86	15.82	15.85	15.88	16.05	16.27	17.38	17.39	17.42	17.59	17.82	19.10	19.10	19.12	19.30	19.54
	HI PR	261	262	263	266	270	302	303	304	307	312	347	348	349	352	357	397	397	398	402	407	451	451	451	456	461
	LO PR	127	131	133	143	157	130	133	135	145	159	133	135	137	147	161	137	138	139	150	164	141	141	142	152	166
1600	MBh†	46.57	47.36	48.21	52.17	57.68	44.95	45.35	46.09	49.89	55.18	43.19	43.27	43.81	47.43	52.48	41.26	41.32	41.35	44.79	49.58	39.16	39.21	38.72	41.95	46.45
	S/T‡	1.00	0.96	0.76	0.73	0.53	1.00	0.98	0.78	0.75	0.54	1.00	1.00	0.79	0.77	0.55	1.00	1.00	0.82	0.79	0.56	1.00	1.00	0.84	0.82	0.58
	AMPS*	13.35	13.38	13.41	13.57	13.79	14.66	14.68	14.71	14.87	15.09	16.08	16.08	16.10	16.27	16.50	17.64	17.64	17.64	17.81	18.05	19.36	19.37	19.33	19.52	19.77
	HI PR	263	263	264	267	271	304	304	305	308	313	349	349	350	354	359	399	399	399	403	409	453	453	452	457	463
	LO PR	133	135	137	147	160	136	137	138	149	162	139	139	140	151	164	142	143	142	153	167	146	147	144	155	169

Low Cool, CCH948GKA200 Outdoor With FCM4X60** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
960	MBh†	32.96	34.35	35.13	38.38	42.81	29.33	30.25	30.93	33.79	37.72	25.79	26.31	26.88	29.38	32.81	22.37	22.55	22.99	25.15	28.11	19.08	19.12	19.30	21.12	23.65
	S/T‡	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53	1.00	0.98	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	8.21	8.19	8.18	8.15	8.12	9.72	9.71	9.69	9.63	9.57	11.47	11.45	11.43	11.34	11.25	13.50	13.49	13.47	13.35	13.20	15.90	15.90	15.89	15.72	15.52
	HI PR	252	253	254	257	261	292	293	294	297	302	337	337	338	342	346	386	386	386	390	395	439	439	439	443	448
	LO PR	129	133	135	145	159	132	135	137	147	161	135	137	139	150	163	139	140	141	152	166	143	143	144	155	168
1040	MBh†	34.01	34.99	35.74	39.02	43.52	30.24	30.81	31.45	34.33	38.31	26.58	26.80	27.30	29.82	33.29	23.04	23.08	23.33	25.50	28.50	19.63	19.66	19.56	21.40	23.94
	S/T‡	1.00	0.94	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53	1.00	0.98	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55	1.00	1.00	0.83	0.80	0.56
	AMPS*	8.24	8.23	8.22	8.19	8.16	9.75	9.74	9.73	9.67	9.62	11.49	11.48	11.46	11.38	11.28	13.51	13.51	13.50	13.38	13.24	15.90	15.90	15.92	15.74	15.55
	HI PR	253	254	254	257	261	293	294	295	298	302	338	338	339	342	347	387	387	387	391	396	440	440	440	444	449
	LO PR	132	135	137	147	161	135	137	139	149	163	139	139	141	152	165	142	143	143	154	168	146	147	146	156	170
1120	MBh†	34.97	35.57	36.28	39.58	44.13	31.08	31.33	31.89	34.80	38.82	27.29	27.34	27.66	30.20	33.70	23.64	23.68	23.63	25.80	28.83	20.12	20.16	19.79	21.64	24.19
	S/T‡	1.00	0.96	0.76	0.73	0.53	1.00	0.98	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55	1.00	1.00	0.82	0.79	0.56	1.00	1.00	0.85	0.82	0.58
	AMPS*	8.28	8.27	8.26	8.23	8.21	9.78	9.78	9.77	9.71	9.66	11.51	11.51	11.50	11.42	11.32	13.53	13.52	13.54	13.42	13.27	15.91	15.90	15.95	15.78	15.59
	HI PR	254	254	255	258	262	294	295	295	298	303	339	339	339	343	348	388	388	388	392	396	441	441	441	444	449
	LO PR	135	137	139	149	163	138	139	141	151	165	142	142	143	153	167	145	146	145	156	169	150	150	147	158	172
1280	MBh†	36.67	36.75	37.16	40.48	45.11	32.55	32.60	32.63	35.55	39.63	28.55	28.60	28.27	30.82	34.37	24.69	24.73	24.11	26.30	29.35	20.98	21.01	20.18	22.02	24.60
	S/T‡	1.00	1.00	0.80	0.77	0.55	1.00	1.00	0.82	0.79	0.56	1.00	1.00	0.84	0.81	0.57	1.00	1.00	0.87	0.84	0.59	1.00	1.00	0.90	0.87	0.60
	AMPS*	8.35	8.35	8.35	8.32	8.30	9.85	9.85	9.85	9.80	9.75	11.57	11.57	11.58	11.50	11.41	13.57	13.57	13.61	13.49	13.35	15.93	15.93	16.01	15.85	15.67
	HI PR	255	255	256	259	263	296	296	296	299	304	341	341	340	344	349	390	390	389	392	397	443	443	442	445	450
	LO PR	141	141	142	153	166	144	144	144	154	168	147	147	146	156	170	151	151	148	158	172	155	155	150	161	175

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree above 80 F
†† At TVA rating indoor condition (75 F db/ 63 F wb). All other indoor air temperatures are at 80 F db

EXPANDED COOLING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

High Cool CCH960GKA200 Outdoor With FCM4X60** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
1500	MBh†	52.08	54.82	55.94	60.35	66.42	50.21	52.38	53.44	57.63	63.41	48.22	49.82	50.81	54.77	60.21	46.04	47.07	47.95	51.66	56.76	43.61	44.06	44.81	48.24	52.98
	S/T‡	1.00	0.88	0.71	0.68	0.51	1.00	0.90	0.72	0.69	0.51	1.00	0.92	0.73	0.70	0.52	1.00	0.94	0.75	0.72	0.53	1.00	0.97	0.76	0.74	0.54
	AMPS*	15.11	15.22	15.26	15.45	15.72	16.85	16.93	16.97	17.15	17.41	18.86	18.92	18.96	19.14	19.40	21.19	21.24	21.28	21.46	21.72	23.89	23.92	23.95	24.14	24.39
	HI PR	262	264	264	268	272	303	305	306	309	314	349	350	351	355	360	399	400	401	405	410	454	454	455	459	464
	LO PR	120	127	129	139	152	123	129	131	141	154	127	131	133	143	157	130	133	135	146	160	135	136	138	148	162
1625	MBh†	53.52	55.66	56.76	61.20	67.34	51.56	53.15	54.19	58.40	64.22	49.47	50.54	51.46	55.44	60.92	47.19	47.72	48.52	52.24	57.37	44.64	44.72	45.29	48.73	53.47
	S/T‡	1.00	0.90	0.72	0.70	0.52	1.00	0.92	0.73	0.71	0.52	1.00	0.94	0.75	0.72	0.53	1.00	0.97	0.76	0.74	0.54	1.00	1.00	0.79	0.76	0.55
	AMPS*	15.30	15.39	15.43	15.62	15.90	17.03	17.10	17.14	17.32	17.58	19.05	19.10	19.13	19.31	19.57	21.39	21.41	21.45	21.63	21.89	24.09	24.10	24.12	24.31	24.57
	HI PR	263	264	265	268	272	305	306	307	310	315	350	351	352	356	361	400	401	402	406	411	455	455	456	460	465
	LO PR	124	129	131	141	155	127	131	133	143	157	130	133	135	145	159	134	135	137	148	162	138	138	140	150	164
1750	MBh†	54.82	56.40	57.48	61.94	68.11	52.77	53.85	54.81	59.05	64.90	50.60	51.18	52.01	56.00	61.52	48.22	48.38	49.00	52.73	57.87	45.55	45.61	45.68	49.12	53.89
	S/T‡	1.00	0.93	0.74	0.71	0.52	1.00	0.95	0.75	0.73	0.53	1.00	0.97	0.77	0.74	0.54	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.81	0.78	0.56
	AMPS*	15.49	15.56	15.59	15.79	16.07	17.22	17.27	17.30	17.49	17.75	19.24	19.26	19.29	19.48	19.74	21.58	21.59	21.61	21.80	22.05	24.29	24.29	24.28	24.48	24.73
	HI PR	264	265	266	269	273	306	307	307	311	315	351	352	353	356	361	402	402	402	406	412	456	456	456	460	466
	LO PR	127	131	133	143	157	130	133	135	145	159	133	135	137	147	161	137	138	139	149	163	141	141	141	152	166
2000	MBh†	57.08	57.71	58.59	63.09	69.33	54.86	55.21	55.82	60.07	65.99	52.53	52.60	52.89	56.90	62.45	49.96	50.03	49.75	53.47	58.66	47.11	47.16	46.33	49.75	54.54
	S/T‡	1.00	0.97	0.77	0.75	0.54	1.00	0.98	0.79	0.76	0.55	1.00	1.00	0.80	0.78	0.56	1.00	1.00	0.83	0.80	0.57	1.00	1.00	0.85	0.83	0.58
	AMPS*	15.85	15.88	15.91	16.11	16.39	17.58	17.59	17.61	17.81	18.08	19.60	19.60	19.61	19.80	20.06	21.95	21.95	21.93	22.12	22.38	24.66	24.66	24.61	24.80	25.06
	HI PR	266	266	267	270	274	308	308	308	312	316	353	354	354	358	363	404	404	403	407	413	458	458	457	461	467
	LO PR	133	134	136	146	160	136	137	138	148	162	139	139	139	150	164	143	143	141	152	166	147	147	144	155	169

Low Cool CCH960GKA200 Outdoor With FCM4X60** Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
1200	MBh†	40.34	41.63	42.49	45.98	50.80	36.48	37.26	38.00	41.14	45.50	32.55	32.87	33.46	36.27	40.15	28.64	28.69	28.97	31.45	34.90	24.82	24.86	24.63	26.80	29.80
	S/T‡	1.00	0.92	0.73	0.71	0.52	1.00	0.94	0.75	0.72	0.53	1.00	0.97	0.76	0.74	0.53	1.00	1.00	0.78	0.76	0.54	1.00	1.00	0.81	0.79	0.56
	AMPS*	10.10	10.06	10.04	9.94	9.78	11.82	11.80	11.78	11.68	11.52	13.80	13.79	13.78	13.67	13.52	16.07	16.06	16.06	15.95	15.81	18.65	18.65	18.66	18.56	18.42
	HI PR	254	255	255	258	262	294	295	296	299	302	339	339	340	343	347	387	387	387	391	395	440	440	439	443	447
	LO PR	130	133	136	146	160	133	136	138	148	162	137	138	140	151	165	142	142	143	153	167	147	147	146	156	171
1300	MBh†	41.48	42.29	43.10	46.61	51.48	37.48	37.86	38.52	41.68	46.06	33.42	33.47	33.88	36.71	40.61	29.38	29.43	29.32	31.81	35.27	25.44	25.48	24.90	27.08	30.09
	S/T‡	1.00	0.95	0.75	0.73	0.53	1.00	0.97	0.77	0.74	0.54	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.84	0.81	0.57
	AMPS*	10.14	10.11	10.09	9.98	9.82	11.86	11.85	11.84	11.73	11.57	13.85	13.85	13.84	13.73	13.58	16.11	16.11	16.12	16.01	15.87	18.70	18.70	18.73	18.62	18.48
	HI PR	255	255	256	259	262	295	296	296	299	303	340	340	340	343	347	388	388	388	391	395	441	441	440	443	448
	LO PR	133	136	138	148	162	137	138	140	150	164	141	141	142	152	166	145	146	145	155	169	150	151	147	158	172
1400	MBh†	42.50	42.91	43.62	47.16	52.05	38.38	38.45	38.96	42.13	46.53	34.20	34.25	34.25	37.08	41.00	30.05	30.09	29.62	32.12	35.57	25.99	26.03	25.14	27.31	30.32
	S/T‡	1.00	0.98	0.77	0.75	0.54	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.83	0.81	0.57	1.00	1.00	0.87	0.84	0.59
	AMPS*	10.17	10.16	10.14	10.03	9.87	11.90	11.90	11.89	11.78	11.62	13.89	13.89	13.89	13.78	13.63	16.16	16.15	16.18	16.07	15.93	18.75	18.75	18.79	18.69	18.55
	HI PR	256	256	256	259	263	296	297	297	300	303	341	341	341	344	348	389	389	388	392	396	442	442	440	444	448
	LO PR	137	138	139	150	164	140	140	141	152	166	144	144	144	154	168	148	149	146	157	171	153	154	149	160	174
1600	MBh†	44.28	44.34	44.47	48.02	52.95	39.94	39.99	39.68	42.86	47.29	35.54	35.59	34.85	37.68	41.61	31.18	31.22	30.10	32.60	36.04	26.93	26.97	25.54	27.71	30.69
	S/T‡	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.83	0.80	0.57	1.00	1.00	0.85	0.83	0.58	1.00	1.00	0.88	0.86	0.60	1.00	1.00	0.92	0.89	0.62
	AMPS*	10.25	10.25	10.25	10.14	9.97	11.99	11.99	12.01	11.89	11.73	13.98	13.98	14.01	13.90	13.75	16.26	16.25	16.31	16.20	16.05	18.85	18.85	18.93	18.82	18.68
	HI PR	257	257	257	260	263	298	298	298	301	304	342	342	342	345	349	391	391	389	392	397	443	444	441	445	449
	LO PR	142	142	142	153	167	145	146	144	155	169	149	149	146	157	171	154	154	149	159	173	159	159	151	162	176

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

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

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

EXPANDED HEATING PERFORMANCE RATINGS GKA300 For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

High Heat CCH924GKA300 Size Outdoor With FCM4X36** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																										
		-3			7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																										
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
650	MBh†	9.19	8.80	8.35	12.16	11.74	11.28	15.54	15.21	14.82	18.46	18.09	17.72	21.59	21.16	20.73	24.89	24.42	23.95	28.39	27.88	27.38	32.06	31.55	31.03			
	T/R	11.90	11.40	10.80	16.20	15.60	15.00	21.40	20.90	20.30	26.10	25.50	25.00	31.50	30.80	30.10	37.40	36.60	35.80	44.10	43.20	42.30	51.50	50.50	49.60			
	AMPS*	5.99	6.31	6.62	6.24	6.55	6.86	6.55	6.87	7.19	6.85	7.17	7.50	7.21	7.53	7.87	7.63	7.96	8.32	8.14	8.49	8.86	8.75	9.13	9.54			
	HI PR	227	243	259	244	260	277	264	282	300	285	304	322	311	330	349	342	361	381	380	400	420	424	445	466			
	LO PR	40	40	40	51	52	52	64	65	65	79	80	80	96	96	97	114	115	115	135	135	136	157	158	158			
700	MBh†	9.25	8.87	8.42	12.25	11.83	11.37	15.63	15.32	14.94	18.60	18.23	17.85	21.76	21.34	20.90	25.11	24.63	24.16	28.65	28.13	27.62	32.37	31.82	31.29			
	T/R	11.20	10.70	10.10	15.20	14.60	14.00	19.90	19.50	19.00	24.40	23.90	23.30	29.50	28.80	28.20	35.10	34.30	33.60	41.30	40.50	39.60	48.20	47.30	46.40			
	AMPS*	5.97	6.28	6.60	6.20	6.51	6.82	6.49	6.81	7.14	6.77	7.09	7.42	7.11	7.43	7.76	7.51	7.84	8.19	7.99	8.34	8.70	8.58	8.94	9.33			
	HI PR	224	240	257	240	257	274	259	277	295	279	298	316	304	323	342	334	353	373	370	390	410	414	433	454			
	LO PR	40	40	40	51	52	52	64	65	65	79	79	80	96	96	96	114	115	115	135	135	136	157	157	158			
750	MBh†	9.31	8.94	8.49	12.33	11.92	11.47	15.72	15.41	15.05	18.71	18.35	17.97	21.92	21.49	21.06	25.31	24.83	24.35	28.89	28.36	27.85	32.64	32.09	31.54			
	T/R	10.50	10.00	9.50	14.30	13.80	13.20	18.70	18.30	17.80	22.90	22.50	21.90	27.70	27.10	26.50	33.00	32.30	31.60	38.90	38.10	37.30	45.40	44.50	43.70			
	AMPS*	5.95	6.27	6.59	6.17	6.48	6.80	6.44	6.76	7.09	6.70	7.03	7.36	7.03	7.35	7.68	7.41	7.73	8.08	7.88	8.21	8.57	8.44	8.80	9.18			
	HI PR	222	238	255	237	254	271	255	273	291	274	293	311	298	317	336	327	346	365	362	382	402	405	424	445			
	LO PR	40	40	40	51	52	52	64	65	65	79	79	80	96	96	96	114	114	115	134	135	135	157	157	158			
800	MBh†	9.37	9.00	8.56	12.41	12.01	11.56	15.79	15.49	15.14	18.82	18.46	18.08	22.06	21.64	21.20	25.49	25.00	24.52	29.10	28.57	28.04	32.86	32.30	31.75			
	T/R	9.90	9.50	9.00	13.50	13.00	12.50	17.60	17.30	16.80	21.60	21.20	20.70	26.10	25.60	25.00	31.10	30.50	29.80	36.70	36.00	35.20	42.90	42.00	41.20			
	AMPS*	5.94	6.26	6.58	6.14	6.46	6.77	6.40	6.72	7.05	6.65	6.97	7.30	6.96	7.28	7.61	7.34	7.65	7.99	7.78	8.11	8.47	8.34	8.69	9.06			
	HI PR	220	236	253	234	251	268	252	269	288	270	288	307	293	311	330	321	340	359	355	374	394	397	417	437			
	LO PR	40	40	40	51	52	52	64	64	65	79	79	80	96	96	96	114	114	115	134	135	135	156	157	158			
850	MBh†	9.42	9.06	8.62	12.48	12.09	11.64	15.86	15.57	15.23	18.92	18.56	18.18	22.19	21.76	21.32	25.64	25.15	24.67	29.28	28.75	28.21	33.06	32.49	31.94			
	T/R	9.40	9.00	8.50	12.70	12.30	11.80	16.70	16.30	15.90	20.50	20.00	19.60	24.70	24.20	23.70	29.50	28.90	28.20	34.80	34.10	33.30	40.60	39.80	39.00			
	AMPS*	5.93	6.25	6.58	6.12	6.44	6.76	6.36	6.69	7.02	6.61	6.93	7.26	6.91	7.23	7.55	7.27	7.59	7.92	7.71	8.03	8.38	8.26	8.60	8.96			
	HI PR	219	235	252	232	249	266	248	266	284	266	284	303	288	307	326	316	334	354	349	368	388	391	410	431			
	LO PR	40	40	40	51	52	52	64	64	65	79	79	80	96	96	96	114	114	115	134	135	135	156	157	157			

Low Heat CH924GKA300 Size Outdoor With FCM4X36** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																										
		-3			7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																										
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
400	MBh†	4.26	3.80	4.01	7.35	6.83	6.25	10.11	9.58	9.01	12.68	12.15	11.58	15.44	14.96	14.05	17.38	16.98	16.56	19.21	18.80	18.39	20.97	20.56	20.16			
	T/R	7.90	7.00	7.40	14.30	13.20	12.10	20.50	19.40	18.20	27.00	25.80	24.60	34.60	33.50	31.40	41.10	40.10	39.00	48.10	47.00	45.80	55.80	54.50	53.40			
	AMPS*	4.63	4.93	5.33	5.02	5.31	5.58	5.31	5.57	5.83	5.53	5.79	6.05	5.80	6.07	6.27	5.98	6.27	6.57	6.19	6.50	6.82	6.50	6.82	7.16			
	HI PR	211	225	244	233	248	263	257	272	287	283	298	314	314	331	344	344	362	380	378	396	415	417	436	456			
	LO PR	42	43	43	54	54	55	68	68	68	83	83	84	100	101	101	120	121	121	142	143	143	166	167	168			
500	MBh†	4.42	3.97	4.22	7.62	7.13	6.55	10.52	10.01	9.44	13.23	12.69	12.13	16.01	15.58	14.94	18.05	17.62	17.19	20.00	19.55	19.11	21.88	21.42	20.97			
	T/R	6.60	5.90	6.20	11.80	11.00	10.10	17.10	16.20	15.30	22.60	21.60	20.60	28.70	27.90	26.70	34.20	33.30	32.40	40.10	39.10	38.10	46.50	45.50	44.40			
	AMPS*	4.59	4.90	5.30	4.91	5.21	5.50	5.14	5.42	5.70	5.30	5.58	5.85	5.48	5.77	6.03	5.58	5.88	6.19	5.72	6.02	6.34	5.91	6.23	6.56			
	HI PR	206	221	240	225	240	256	245	261	277	267	283	299	293	310	326	317	335	354	346	364	384	380	399	418			
	LO PR	42	43	43	54	54	55	67	68	68	83	83	83	100	100	101	119	120	120	141	142	142	165	166	166			
600	MBh†	4.54	4.10	4.10	7.82	7.35	6.78	10.82	10.32	9.75	13.64	13.09	12.53	16.38	15.98	15.54	18.52	18.08	17.64	20.58	20.11	19.64	22.55	22.06	21.58			
	T/R	5.60	5.10	5.00	10.10	9.50	8.70	14.70	13.90	13.10	19.40	18.60	17.70	24.50	23.80	23.10	29.20	28.50	27.70	34.40	33.50	32.60	40.00	39.00	38.10			
	AMPS*	4.57	4.90	5.27	4.85	5.15	5.45	5.03	5.32	5.62	5.16	5.44	5.72	5.28	5.57	5.87	5.33	5.63	5.94	5.41	5.71	6.03	5.54	5.85	6.18			
	HI PR	203	218	236	220	235	251	237	253	269	256	272	289	277	295	313	299	317	336	325	343	362	354	373	393			
	LO PR	42	43	43	54	54	54	67	68	68	83	83	83	100	100	100	119	119	120	140	141	142	164	165	166			
700	MBh†	4.63	4.20	4.21	7.97	7.52	6.96	11.03	10.54	9.99	14.02	13.40	12.83	16.66	16.27	15.84	18.88	18.43	17.98	21.01	20.53	20.05	23.06	22.55	22.06			
	T/R	4.90	4.50	4.40	8.80	8.30	7.70	12.80	12.20	11.50	17.10	16.30	15.60	21.40	20.80	20.20	25.50	24.90	24.20	30.10	29.30	28.60	35.00	34.20	33.40			
	AMPS*	4.58	4.91	5.28	4.81	5.13	5.44	4.97	5.26	5.56	5.07	5.35	5.64	5.14	5.43	5.74	5.17	5.45	5.76	5.21	5.51	5.82	5.30	5.60	5.92			
	HI PR	201	216	234	216	231	247	231	247	263	248	264	281	266	284	302	286	304	323	309	328	347	337	355	375			
	LO PR	42	42	43	54	54	54	67	68	68	82	83	83	99	100	100	119											

EXPANDED HEATING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
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High Heat CCH936GKA200 Size Outdoor With FCM4X60** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																										
		-3			7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																										
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
900	MBh†	13.75	13.12	12.47	18.11	17.49	16.87	22.78	22.13	21.48	27.80	27.38	26.93	32.20	31.69	31.19	36.86	36.26	35.66	41.74	41.06	40.37	46.97	46.15	45.31			
	T/R	12.50	11.90	11.30	16.90	16.30	15.60	21.80	21.20	20.50	27.40	27.00	26.50	32.70	32.10	31.60	38.60	37.90	37.20	45.20	44.30	43.50	52.50	51.50	50.40			
	AMPS*	8.58	8.99	9.40	8.97	9.40	9.85	9.42	9.87	10.33	9.95	10.45	10.97	10.47	10.97	11.50	11.08	11.59	12.13	11.80	12.32	12.88	12.66	13.21	13.76			
	HI PR LO PR	224 38	239 38	255 38	239 49	255 49	271 49	257 61	274 61	291 62	279 75	298 75	316 76	302 91	320 91	340 92	328 109	348 109	367 110	359 128	379 129	399 129	397 150	417 151	437 151			
975	MBh†	13.89	13.23	12.58	18.28	17.64	17.01	23.06	22.31	21.66	27.98	27.55	27.13	32.46	31.94	31.43	37.22	36.60	35.99	42.16	41.48	40.78	47.62	46.73	45.85			
	T/R	11.60	11.10	10.50	15.70	15.10	14.60	20.40	19.70	19.10	25.50	25.00	24.60	30.50	29.90	29.40	36.00	35.30	34.70	42.10	41.30	40.50	49.10	48.10	47.10			
	AMPS*	8.57	8.98	9.40	8.93	9.36	9.81	9.35	9.79	10.25	9.83	10.33	10.84	10.31	10.81	11.33	10.89	11.39	11.92	11.56	12.07	12.62	12.25	12.83	13.44			
	HI PR LO PR	221 38	237 38	253 38	236 49	252 49	268 49	253 61	269 61	286 62	273 75	291 75	310 76	294 91	312 91	332 92	319 109	338 109	358 109	348 128	368 128	388 129	379 150	401 151	423 151			
1050	MBh†	13.99	13.35	12.70	18.41	17.79	17.16	23.22	22.50	21.85	28.16	27.73	27.30	32.69	32.17	31.65	37.52	36.90	36.28	42.54	41.85	41.14	48.10	47.29	46.42			
	T/R	10.90	10.40	9.80	14.70	14.20	13.60	19.10	18.50	17.90	23.80	23.40	23.00	28.50	28.00	27.50	33.70	33.10	32.50	39.50	38.70	38.00	46.10	45.20	44.30			
	AMPS*	8.56	8.97	9.40	8.90	9.33	9.78	9.29	9.74	10.20	9.74	10.23	10.74	10.19	10.69	11.20	10.74	11.23	11.75	11.37	11.87	12.41	11.96	12.50	13.09			
	HI PR LO PR	219 38	235 38	251 38	233 49	249 49	265 49	248 61	265 61	282 62	267 75	285 75	304 76	287 91	306 91	325 92	311 108	330 109	349 109	339 128	358 128	378 129	366 150	387 151	409 151			
1200	MBh†	14.21	13.57	12.91	18.69	18.06	17.42	23.97	22.85	22.18	28.47	28.02	27.58	33.09	32.56	32.03	38.03	37.40	36.78	43.16	42.46	41.75	48.62	47.89	47.13			
	T/R	9.70	9.20	8.70	13.10	12.60	12.10	17.20	16.40	15.90	21.10	20.70	20.30	25.20	24.80	24.30	29.90	29.30	28.80	35.00	34.40	33.70	40.80	40.10	39.30			
	AMPS*	8.57	8.99	9.42	8.87	9.31	9.76	9.25	9.67	10.13	9.61	10.09	10.60	10.01	10.50	11.01	10.51	11.00	11.51	11.06	11.59	12.11	11.61	12.10	12.63			
	HI PR LO PR	216 38	231 38	247 38	228 49	244 49	261 49	243 61	258 61	276 61	258 75	276 75	295 75	276 91	295 91	314 92	298 108	316 109	336 109	322 127	343 128	363 128	349 149	368 150	388 150			

Low Heat CCH936GKA200 Size Outdoor With FCM4X60** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																										
		-3			7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																										
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
720	MBh†	8.96	8.12	7.47	11.97	11.22	10.42	15.19	14.49	13.76	18.47	17.82	17.14	21.74	21.10	20.45	25.22	24.79	24.30	27.58	27.12	26.67	29.74	29.25	28.75			
	T/R	8.90	8.00	7.40	12.50	11.60	10.80	16.70	15.90	15.00	21.50	20.70	19.80	26.80	26.00	25.10	33.20	32.60	31.80	38.90	38.20	37.40	45.10	44.30	43.40			
	AMPS*	6.93	7.20	7.52	6.91	7.21	7.52	6.94	7.26	7.60	7.02	7.36	7.72	7.16	7.52	7.89	7.40	7.81	8.23	7.58	8.01	8.45	7.83	8.27	8.71			
	HI PR LO PR	212 40	226 40	241 41	224 52	238 52	253 53	238 65	254 66	269 66	256 80	272 81	288 81	276 97	293 97	310 98	302 115	320 116	339 116	327 136	346 136	365 137	355 158	375 159	395 160			
780	MBh†	9.05	8.23	7.58	12.09	11.33	10.52	15.33	14.63	13.90	18.65	18.00	17.32	21.96	21.32	20.66	25.43	25.00	24.54	27.85	27.39	26.92	30.06	29.56	29.06			
	T/R	8.30	7.50	6.90	11.60	10.90	10.10	15.50	14.80	14.00	20.00	19.30	18.50	25.00	24.20	23.40	30.90	30.30	29.70	36.20	35.60	34.90	42.10	41.30	40.50			
	AMPS*	6.92	7.20	7.52	6.89	7.19	7.50	6.90	7.22	7.55	6.95	7.29	7.65	7.06	7.41	7.79	7.26	7.65	8.08	7.39	7.81	8.26	7.60	8.03	8.48			
	HI PR LO PR	210 40	224 40	240 41	221 52	236 52	251 53	235 65	250 66	266 66	251 80	267 81	284 81	270 97	287 97	304 98	294 115	312 115	331 116	317 136	336 136	355 137	344 158	363 159	383 159			
840	MBh†	9.15	8.33	7.84	12.21	11.45	10.64	15.49	14.79	14.05	18.83	18.18	17.50	22.20	21.54	20.87	25.61	25.19	24.74	28.09	27.61	27.14	30.34	29.84	29.33			
	T/R	7.80	7.00	6.60	10.90	10.20	9.40	14.60	13.90	13.20	18.80	18.10	17.40	23.50	22.70	22.00	28.90	28.40	27.80	33.90	33.30	32.70	39.50	38.70	38.00			
	AMPS*	6.92	7.21	7.54	6.88	7.17	7.49	6.87	7.19	7.52	6.90	7.23	7.59	6.98	7.33	7.70	7.13	7.53	7.95	7.25	7.65	8.09	7.41	7.84	8.28			
	HI PR LO PR	209 40	223 40	239 41	219 52	234 52	249 52	232 65	247 66	263 66	247 80	263 80	280 81	265 97	281 97	299 97	287 115	305 115	324 116	308 135	327 136	347 136	334 158	353 158	373 159			
960	MBh†	9.34	8.51	8.01	12.44	11.67	10.86	15.76	15.05	14.31	19.14	18.49	17.80	22.67	21.91	21.24	25.94	25.49	25.06	28.48	28.00	27.52	30.82	30.30	29.78			
	T/R	6.90	6.30	5.90	9.70	9.10	8.40	13.00	12.40	11.70	16.70	16.10	15.40	21.00	20.20	19.60	25.60	25.10	24.60	30.10	29.50	29.00	35.10	34.40	33.80			
	AMPS*	6.94	7.22	7.55	6.87	7.17	7.49	6.83	7.15	7.48	6.83	7.16	7.51	6.87	7.21	7.58	6.95	7.33	7.75	7.02	7.41	7.84	7.12	7.53	7.97			
	HI PR LO PR	206 40	221 40	237 41	215 52	231 52	246 52	227 65	242 65	259 66	240 80	256 80	273 81	256 96	273 96	290 97	275 115	293 115	312 115	294 135	313 135	333 136	317 157	336 158	356 158			

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

EXPANDED HEATING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

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High Heat CCH948GKA200 Size Outdoor With FCM4X60** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1200	MBH†	19.61	19.29	18.77	24.93	24.43	23.79	31.28	30.87	29.63	36.50	35.95	35.35	41.94	41.25	40.55	47.50	46.70	45.91	53.29	52.41	51.50	58.59	57.75	56.91
	T/R	13.10	12.90	12.50	17.30	16.90	16.40	22.50	22.20	21.20	27.30	26.80	26.30	32.60	32.00	31.40	38.40	37.70	37.00	45.00	44.20	43.30	51.70	50.90	50.00
	AMPS*	11.51	12.27	13.01	12.14	12.83	13.53	12.92	13.61	14.21	13.60	14.26	14.96	14.38	15.03	15.73	15.25	15.93	16.65	16.05	16.76	17.52	17.11	17.85	18.65
	LO PR	226	243	259	241	258	275	261	279	295	282	300	319	306	324	344	334	353	373	362	381	402	397	417	437
1300	MBH†	19.74	19.43	18.90	25.05	24.62	23.97	31.44	31.07	29.89	36.75	36.20	35.62	42.30	41.60	40.89	47.93	47.13	46.32	53.69	52.71	51.97	58.85	58.03	57.21
	T/R	12.20	12.00	11.60	16.00	15.70	15.30	20.90	20.60	19.80	25.30	24.90	24.40	30.30	29.80	29.20	35.80	35.10	34.40	41.80	41.00	40.30	48.00	47.20	46.40
	AMPS*	11.48	12.24	12.99	12.07	12.78	13.47	12.81	13.51	14.11	13.47	14.13	14.82	14.21	14.86	15.55	15.03	15.70	16.41	15.76	16.43	17.18	16.73	17.46	18.25
	LO PR	223	240	257	237	254	272	256	274	290	275	294	313	298	317	336	325	344	364	351	370	390	385	404	425
1400	MBH†	19.82	19.53	19.04	25.20	24.75	24.15	31.58	31.25	30.36	36.97	36.44	35.85	42.59	41.90	41.19	48.33	47.50	46.69	54.00	53.15	52.32	58.96	58.19	57.39
	T/R	11.40	11.20	10.90	15.00	14.70	14.30	19.50	19.20	18.60	23.70	23.30	22.80	28.40	27.80	27.30	33.50	32.90	32.20	39.10	38.40	37.70	44.60	43.90	43.20
	AMPS*	11.46	12.23	12.99	12.03	12.74	13.44	12.73	13.43	14.08	13.37	14.03	14.71	14.08	14.73	15.41	14.81	15.53	16.22	15.54	16.22	16.93	16.44	17.16	17.93
	LO PR	221	238	255	234	251	269	252	270	287	270	288	307	292	310	329	316	337	356	343	362	381	374	394	414
1600	MBH†	20.01	19.75	19.30	25.45	25.04	24.48	31.84	31.53	31.10	37.35	36.84	36.27	43.09	42.42	41.71	48.92	48.20	47.36	54.32	53.57	52.76	56.38	56.57	56.61
	T/R	10.00	9.90	9.70	13.20	13.00	12.70	17.20	17.00	16.70	20.90	20.60	20.20	25.10	24.70	24.20	29.70	29.20	28.60	34.40	33.90	33.30	37.30	37.40	37.30
	AMPS*	11.48	12.25	13.02	12.00	12.72	13.43	12.64	13.35	14.05	13.24	13.91	14.59	13.91	14.56	15.23	14.50	15.17	15.90	15.23	15.90	16.61	15.63	16.45	17.32
	LO PR	217	234	251	229	246	264	245	263	281	261	280	298	282	300	319	302	322	342	329	348	368	346	369	393

Low Heat CCH948GKA200 Size Outdoor With FCM4X60** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
960	MBH†	12.35	11.29	11.68	17.37	16.38	15.29	21.94	21.00	19.96	26.24	25.30	24.32	30.86	30.17	28.59	34.06	33.41	32.71	37.18	36.48	35.76	40.27	39.48	38.70
	T/R	9.00	8.20	8.40	13.30	12.50	11.60	17.70	16.90	16.00	22.40	21.60	20.70	28.00	27.40	25.90	33.00	32.30	31.60	38.70	37.90	37.00	45.20	44.20	43.20
	AMPS*	9.36	9.80	10.40	9.53	10.00	10.48	9.67	10.16	10.67	9.82	10.33	10.86	10.08	10.65	11.10	10.25	10.84	11.44	10.51	11.10	11.72	10.75	11.39	12.08
	LO PR	41	41	41	52	52	52	65	65	65	79	80	80	95	96	97	114	114	115	134	134	135	156	156	157
1040	MBH†	12.46	11.44	11.84	17.54	16.55	15.44	22.17	21.22	20.19	26.51	25.58	24.60	31.13	30.46	28.95	34.39	33.72	33.04	37.57	36.87	36.15	40.71	39.95	39.18
	T/R	8.30	7.60	7.90	12.40	11.60	10.80	16.50	15.80	15.00	20.90	20.10	19.30	26.10	25.50	24.20	30.80	30.10	29.40	36.10	35.30	34.60	42.20	41.30	40.40
	AMPS*	9.37	9.81	10.41	9.50	9.97	10.46	9.61	10.10	10.62	9.72	10.23	10.76	9.93	10.50	10.96	10.06	10.64	11.25	10.27	10.86	11.47	10.43	11.04	11.70
	LO PR	209	224	242	223	238	253	238	254	269	255	271	287	276	293	308	296	314	332	320	339	358	345	364	385
1120	MBH†	12.59	11.58	11.98	17.72	16.73	15.62	22.39	21.45	20.42	26.77	25.85	24.87	31.35	30.72	29.42	34.68	34.00	33.32	37.91	37.21	36.49	41.07	40.34	39.59
	T/R	7.80	7.20	7.40	11.60	10.90	10.20	15.50	14.80	14.00	19.60	18.90	18.10	24.40	23.90	22.80	28.80	28.20	27.60	33.80	33.10	32.40	39.50	38.70	37.90
	AMPS*	9.38	9.83	10.42	9.49	9.96	10.45	9.56	10.06	10.58	9.65	10.16	10.69	9.81	10.38	10.87	9.90	10.48	11.08	10.07	10.66	11.27	10.18	10.77	11.41
	LO PR	208	223	241	221	236	251	235	251	267	251	267	283	270	288	303	289	307	326	312	331	350	335	354	374
1280	MBH†	12.84	11.82	12.23	18.03	17.05	15.96	22.76	21.83	20.80	27.23	26.31	25.32	31.75	31.14	30.43	35.14	34.48	33.79	38.48	37.76	37.04	41.63	40.91	40.17
	T/R	7.00	6.40	6.60	10.30	9.70	9.10	13.80	13.20	12.50	17.50	16.80	16.20	21.60	21.20	20.60	25.60	25.00	24.50	30.00	29.40	28.80	35.00	34.40	33.60
	AMPS*	9.42	9.88	10.46	9.49	9.96	10.46	9.51	10.01	10.53	9.54	10.05	10.59	9.64	10.19	10.77	9.66	10.23	10.83	9.72	10.35	10.95	9.81	10.39	11.00
	LO PR	206	221	239	218	233	248	230	246	262	244	260	277	261	279	297	278	296	315	298	318	337	320	339	358

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

EXPANDED HEATING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

High Heat CCH960GKA200 Size Outdoor With FCM4X60** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																										
		-3			7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																										
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1500	MBh†	22.42	21.45	20.45	28.85	27.95	27.05	36.56	35.95	34.12	43.12	42.53	41.91	50.45	49.73	49.02	58.50	57.68	56.87	68.03	67.00	65.94	77.80	76.73	75.66			
	T/R	13.00	12.40	11.80	16.90	16.30	15.70	21.60	21.20	20.10	25.70	25.30	24.90	30.30	29.80	29.40	35.50	35.00	34.40	41.70	41.00	40.20	48.20	47.40	46.60			
	AMPS*	13.80	14.41	15.04	14.68	15.33	16.01	15.75	16.47	17.07	16.75	17.51	18.31	17.91	18.70	19.55	19.26	20.10	20.97	20.63	21.52	22.48	22.34	23.26	24.23			
	HI PR	226	242	257	241	257	274	261	278	293	279	297	317	300	319	339	326	346	366	353	373	394	386	406	427			
	LO PR	36	36	36	46	47	47	58	58	59	72	72	72	87	87	87	103	104	104	123	123	123	142	143	144			
1625	MBh†	22.63	21.65	20.64	29.10	28.20	27.28	36.79	36.21	34.40	43.41	42.80	42.19	50.82	50.09	49.38	58.96	58.11	57.30	68.52	67.55	66.56	78.10	77.09	76.05			
	T/R	12.10	11.60	11.00	15.70	15.20	14.70	20.00	19.70	18.70	23.90	23.50	23.10	28.20	27.80	27.30	33.00	32.50	32.00	38.80	38.10	37.50	44.60	44.00	43.30			
	AMPS*	13.82	14.44	15.07	14.67	15.32	16.00	15.69	16.41	17.01	16.65	17.40	18.20	17.76	18.54	19.38	19.05	19.88	20.74	20.32	21.18	22.11	21.96	22.87	23.82			
	HI PR	224	239	255	238	254	271	256	273	288	273	291	311	294	312	332	318	337	357	342	362	383	375	395	415			
	LO PR	36	36	36	46	46	47	58	58	59	71	72	72	87	87	87	103	104	104	122	123	123	141	142	143			
1750	MBh†	22.84	21.86	20.84	29.36	28.43	27.52	37.04	36.45	34.70	43.68	43.06	42.45	51.15	50.41	49.70	59.37	58.50	57.68	68.87	67.94	66.99	78.22	77.27	76.27			
	T/R	11.30	10.80	10.30	14.70	14.20	13.70	18.70	18.40	17.50	22.30	21.90	21.60	26.40	25.90	25.50	30.90	30.40	29.90	36.20	35.60	35.00	41.50	40.90	40.30			
	AMPS*	13.87	14.49	15.13	14.68	15.33	16.02	15.66	16.38	16.99	16.58	17.33	18.12	17.66	18.43	19.26	18.89	19.71	20.57	20.10	20.94	21.84	21.65	22.55	23.50			
	HI PR	222	237	253	235	251	268	252	269	285	268	286	306	288	306	326	311	330	350	334	354	374	365	385	405			
	LO PR	36	36	36	46	46	47	58	58	59	71	72	72	86	87	87	103	103	104	122	122	123	140	141	142			
2000	MBh†	23.25	22.26	21.23	29.81	28.89	27.96	37.42	36.86	35.33	44.17	43.53	42.90	51.72	50.98	50.25	60.15	59.21	58.33	69.28	68.41	67.54	78.04	77.20	76.33			
	T/R	10.10	9.70	9.20	13.10	12.60	12.20	16.60	16.30	15.60	19.70	19.40	19.10	23.30	22.90	22.60	27.40	26.90	26.40	31.90	31.40	30.90	36.20	35.80	35.30			
	AMPS*	13.99	14.62	15.26	14.75	15.41	16.09	15.64	16.38	17.01	16.52	17.27	18.05	17.54	18.32	19.12	18.63	19.50	20.37	19.82	20.65	21.52	21.24	22.11	23.04			
	HI PR	218	234	250	230	246	263	245	263	279	260	278	297	278	297	316	299	319	339	322	341	361	349	369	389			
	LO PR	36	36	36	46	46	47	58	58	58	71	72	72	86	87	87	103	103	104	121	121	122	138	139	140			

Low Heat CCH960GKA200 Size Outdoor With FCM4X60** Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																										
		-3			7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																										
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1200	MBh†	12.84	11.73	11.27	18.61	17.55	16.31	24.22	23.19	22.00	29.57	28.54	27.41	35.54	33.83	32.58	39.59	38.83	38.02	43.43	42.57	41.69	47.10	46.08	45.15			
	T/R	7.80	7.10	6.80	11.80	11.10	10.30	16.20	15.40	14.60	20.80	20.00	19.20	26.40	25.00	24.10	31.10	30.50	29.70	36.30	35.50	34.70	42.00	41.00	40.10			
	AMPS*	11.07	11.58	12.17	11.31	11.85	12.39	11.57	12.14	12.71	11.86	12.45	13.05	12.31	12.81	13.43	12.62	13.30	14.00	12.97	13.66	14.37	13.34	14.08	14.83			
	HI PR	207	221	237	221	236	250	237	252	268	255	271	287	278	292	308	299	317	336	323	342	360	350	369	389			
	LO PR	40	41	41	51	52	52	64	64	65	78	79	79	94	95	95	112	112	113	132	132	133	154	154	155			
1300	MBh†	13.00	11.88	11.43	18.83	17.75	16.52	24.49	23.45	22.25	29.88	28.85	27.73	35.85	34.43	32.99	39.95	39.17	38.36	43.87	43.02	42.13	47.70	46.71	45.70			
	T/R	7.30	6.60	6.40	11.00	10.40	9.60	15.10	14.40	13.60	19.40	18.70	17.90	24.50	23.50	22.50	29.00	28.40	27.70	33.80	33.10	32.30	39.30	38.40	37.50			
	AMPS*	11.10	11.61	12.20	11.31	11.85	12.40	11.53	12.10	12.68	11.78	12.36	12.97	12.17	12.71	13.30	12.42	13.10	13.80	12.73	13.42	14.13	12.97	13.71	14.47			
	HI PR	206	220	236	219	234	249	234	249	265	250	266	283	272	287	303	292	310	328	315	333	352	338	358	378			
	LO PR	40	41	41	51	52	52	64	64	65	78	79	79	94	94	95	112	112	113	131	132	133	153	154	155			
1400	MBh†	13.14	12.03	11.57	19.02	17.94	16.71	24.71	23.69	22.53	30.17	29.13	28.02	36.12	35.10	33.36	40.27	39.50	38.70	44.25	43.39	42.51	48.25	47.22	46.23			
	T/R	6.80	6.20	6.00	10.30	9.70	9.00	14.10	13.50	12.80	18.20	17.50	16.80	23.00	22.30	21.10	27.10	26.60	25.90	31.70	31.00	30.30	36.90	36.00	35.20			
	AMPS*	11.13	11.65	12.24	11.32	11.86	12.41	11.51	12.08	12.67	11.72	12.30	12.91	12.06	12.65	13.20	12.26	12.94	13.64	12.53	13.21	13.92	12.72	13.42	14.17			
	HI PR	204	219	235	217	232	247	231	247	262	247	263	279	267	284	299	286	304	322	307	326	345	330	348	368			
	LO PR	40	41	41	51	52	52	64	64	65	78	78	79	94	94	95	111	112	113	131	132	132	153	153	154			
1600	MBh†	13.38	12.28	11.83	19.33	18.28	17.04	25.09	24.10	22.95	30.64	29.63	28.52	36.54	35.81	34.08	40.78	40.03	39.23	44.88	44.05	43.17	48.91	47.99	47.03			
	T/R	6.10	5.60	5.30	9.20	8.70	8.10	12.50	12.00	11.40	16.10	15.60	15.00	20.30	19.90	18.90	24.00	23.50	23.00	28.10	27.50	26.90	32.70	32.00	31.30			
	AMPS*	11.21	11.74	12.33	11.35	11.90	12.46	11.49	12.06	12.66	11.64	12.23	12.84	11.90	12.54	13.07	12.04	12.71	13.41	12.23	12.91	13.62	12.32	13.01	13.74			
	HI PR	203	217	234	214	229	245	227	242	258	241	257	274	259	276	291	276	294	312	296	314	333	315	334	353			
	LO PR	40	40	41	51	52	52	64	64	64	78	78	79	93	94	95	111	112	112	131	131	132	152	153	154			

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

ACCESSORY USAGE GUIDELINES

Accessory	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 ft. / 24.38 m)	REQUIRED FOR SEA COAST APPLICATIONS (within 2 miles/3.22 km)
Accumulator	Yes, Standard	Standard
Compressor Start Assist Capacitor and Relay	Yes	No
Crankcase Heater	Yes, Standard	No
Liquid Line Solenoid Valve	See Long Line Applications Guideline	No
Support Feet	No	Recommended

* 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 Long Line Applications Guideline.

ACCESSORIES

Part Number	Description	Used On GKA2/3 Model Size
NASA001LS	Liquid Line Solenoid Valve, HP, R-22 or R-410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001SF	Support Feet, 4" (102mm) tall	ALL
NASA00106SS	Snow Stand Kit	ALL
NASA010SC	Hard Start Kit (Capacitor & Relay)	N/A
NASA012SC	Hard Start Kit (Capacitor & Relay)	24, 36
NASA015SC	Hard Start Kit (Capacitor & Relay)	48, 60

WALL CONTROL

TSTAT0101SC	Observer™ Self Configuring Communicating Wall Control	ALL
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