Arcoaire®
Air Conditioning & Heating

HCH9
DXT+
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

TSTAT0101SC
(Sold Separately)

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.

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.

c UL us LISTED

AHRI CERTIFIED™ www.ahridirectory.org

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)
HCH924GKA1	2	24,000	17.2	25	40–1/8x35x35 (1019x889x889)	376/310(171/141)
HCH924GKA3	2	24,000	17.6	25	40–1/8x35x35 (1019x889x889)	309/266(140/121)
HCH936GKA1	3	36,000	23.7	40	43–1/2x35x35 (1105x889x889)	383/331(174/150)
HCH936GKA2	3	36,000	24.8	40	43–1/2x35x35 (1105x889x889)	328/283(149/128)
HCH948GKA1	4	48,000	30.0	50	46–7/8x35x35 (1191x889x889)	393/347 (178/157)
HCH948GKA2	4	48,000	35.4	50	46–7/8x35x35 (1191x889x889)	365/319 (166/145)
HCH960GKA1	5	60,000	35.9	60	46–7/8x35x35 (1191x889x889)	416/371 (189/168)
HCH960GKA2	5	60,000	38.4	60	46–7/8x35x35 (1191x889x889)	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:	**H**	**C**	**H**	**9**	**24**	**G**	**K**	**A**	**2**	**0**	**0**

H = Arcoaire Mainline — **BRANDING**

C = Communicating — **KEY CHARACTERISTIC**

A = Air Conditioner
H = Heat Pump — **TYPE**

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**	**0 1**	**01**	**C H**

N = Non–Branded

A = Accessory — **PRODUCT GROUP**

S = Split System (AC & HP) — **KIT USAGE**

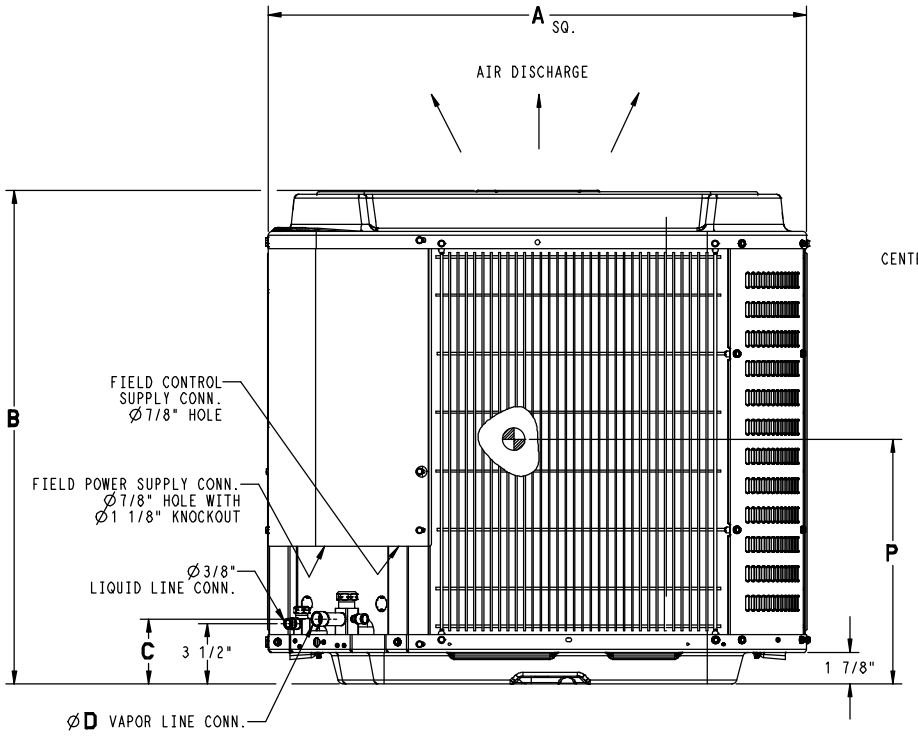
A = Original
B = 2nd Generation — **MAJOR SERIES**

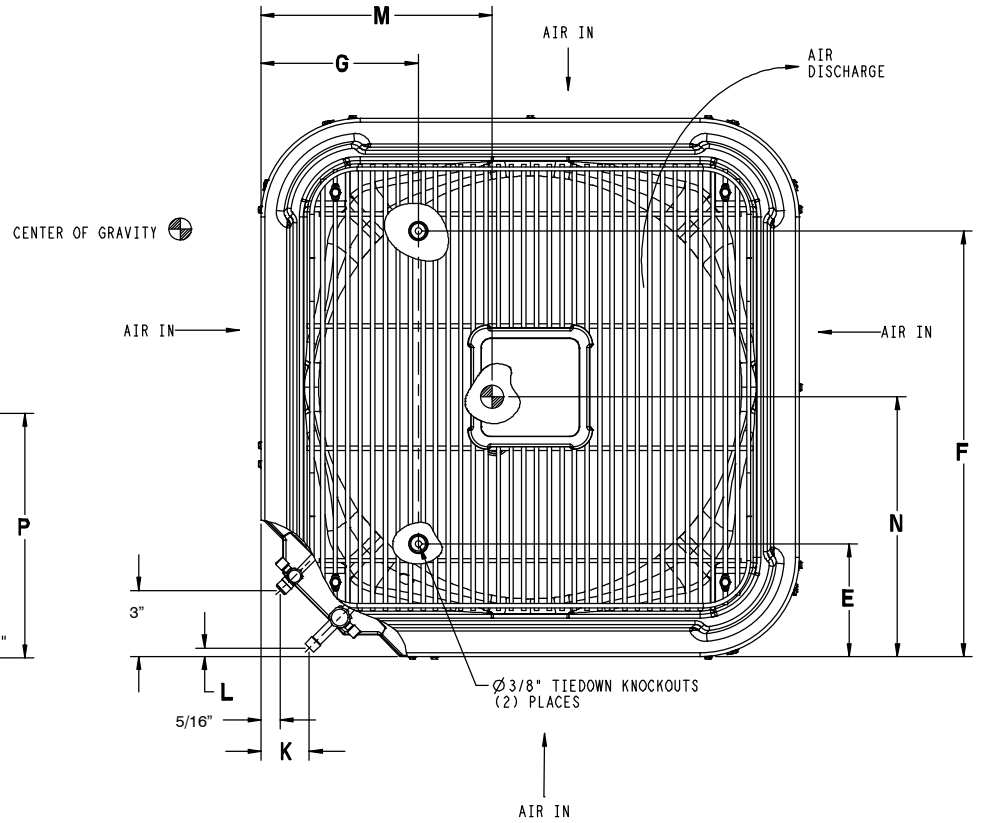
0 = Generic or Not Applicable
2 = R–22
4 = R–410A — **REFRIGERANT**

Product Identifier Number

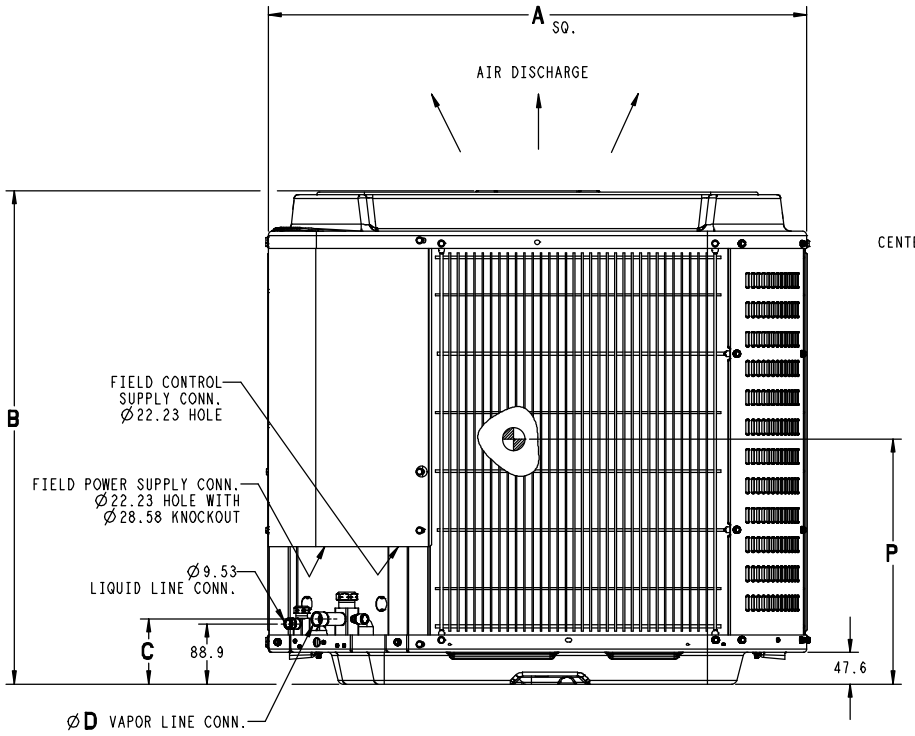
Package Quantity

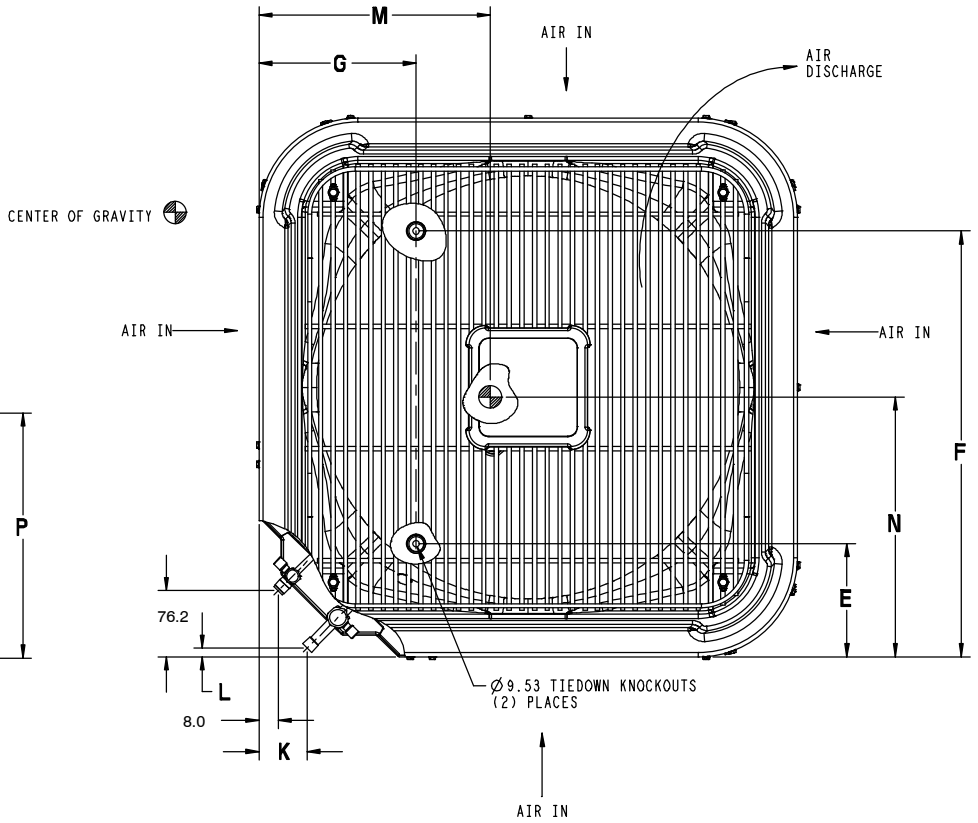
Type of Kit (Example: CH = Crankcase Heater)





Model Size HCH9	Dimensions Inches (English)													
	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size	Crated Dimensions L x W x H
24GKA1	35	40–1/8	3–3/4	3/4	6–9/16	28–7/16	9–1/8	2–13/16	1/2	17–1/2	18–1/4	18–1/2	35 x 35	36–1/8 x 39–1/4 x 46–1/8
24GKA3	35	40–1/8	3–3/4	3/4	6–9/16	28–7/16	9–1/8	2–13/16	1/2	16–1/4	16–1/4	18–1/4	35 x 35	36–1/8 x 39–1/4 x 46–1/8
36GKA1	35	43–1/2	3–7/8	7/8	6–9/16	28–7/16	9–1/8	2–15/16	5/8	17	18–1/2	20–1/2	35 x 35	36–1/8 x 39–1/4 x 49–9/16
36GKA2	35	43–1/2	3–7/8	7/8	6–9/16	28–7/16	9–1/8	2–15/16	5/8	15–1/2	15–1/2	19	35 x 35	36–1/8 x 39–1/4 x 49–9/16
48GKA1	35	46–7/8	3–7/8	7/8	6–9/16	28–7/16	9–1/8	2–15/16	5/8	17–1/2	16–1/2	20–1/2	35 x 35	36–1/8 x 39–1/4 x 50–13/16
48GKA2	35	46–7/8	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
60GKA1	35	46–7/8	3–7/8	7/8	6–9/16	28–7/16	9–1/8	2–15/16	5/8	16–3/4	17–3/4	21	35 x 35	36–1/8 x 39–1/4 x 50–13/16
60GKA2	35	46–7/8	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





Model Size HCH9	Dimensions mm (SI Metric)													
	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size	Crated Dimensions L x W x H
24GKA1	889	1019	96	19	166	723	231	71	13	445	464	470	889 x 889	918 x 998 x 1172
24GKA3	889	1019	96	19	166	723	231	71	13	426	413	464	889 x 889	918 x 998 x 1172
36GKA1	889	1105	98	22	166	723	231	75	16	432	460	521	889 x 889	918 x 998 x 1259
36GKA2	889	1105	98	22	166	723	231	75	16	426	394	483	889 x 889	918 x 998 x 1259
48GKA1	889	1191	98	22	166	723	231	75	16	445	419	521	889 x 889	918 x 998 x 1290
48GKA2	889	1191	98	22	166	723	231	75	16	413	387	591	889 x 889	918 x 998 x 1290
60GKA1	889	1191	98	22	166	723	231	75	16	426	451	533	889 x 889	918 x 998 x 1290
60GKA2	889	1191	98	22	166	723	231	75	16	432	400	508	889 x 889	918 x 998 x 1290

PHYSICAL DATA				
Model Size	**24**	**36**	**48**	**60**
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) Low Stage (dBA)	69 69	70 66	72 68	73 72
ECM Fan Motor HP	1/5	1/5	1/5	1/5
Fan RPM Hi Speed Fan RPM Low Speed	613 556	689 582	765 659	828 742
Fan CFM Hi Speed Fan CFM Low Speed	2934 2662	3700 3124	4281 3728	4668 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 Low Pressure Switch Close Pressure	23 ± 5 PSIG 55 ± 5 PSIG	23 ± 5 PSIG 55 ± 5 PSIG	23 ± 5 PSIG 55 ± 5 PSIG	23 ± 5 PSIG 55 ± 5 PSIG
Hi Pressure Switch Open Pressure Hi Pressure Switch Close Pressure	670 ± 10 PSIG 470 ± 25 PSIG	670 ± 10 PSIG 470 ± 25 PSIG	670 ± 10 PSIG 470 ± 25 PSIG	670 ± 10 PSIG 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	**24GKA2**	**24GKA3**	**36GKA1**	**36GKA2**	**48GKA1**	**48GKA2**	**60GKA1**	**60GKA2**
Minimum Circuit Ampacity – **MCA** (amps)	17.6	17.6	24.8	24.8	35.4	35.4	38.4	38.4
Maximum OverCurrent Protective device – **MOCP** (amps)	25	25	40	40	50	50	60	60
Compressor **RLA** (Rated Load Amps) **LRA** (Locked Rotor Amps)	12.6 58.3	12.6 58.3	18.0 83.0	18.0 83.0	26.2 104.0	26.2 104.0	28.8 152.9	28.8 152.9
Fan Motor **FLA** (Full Load Amps)	1.8	1.8	2.3	2.3	2.6	2.6	2.4	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 Arcoaire database at:
http://www.icpeqp.com/AHRIratings/ratings.aspx?Brand=Arcoaire

Or scan this QR code:

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models

			AHRI STANDARD RATINGS														
			Cooling						Heating								
			Capacity				ID CFM		High Temp				Low Temp				
									Capacity		COP		Capacity		COP		
Unit Size	Indoor Model *Tested Model	Furnace Model	High	Low	SEER	EER	High	Low	High	Low	High	Low	High	Low	High	Low	HSPF
HCH924GKA1	*FCM4X36****		24800	210000	18	13.5	800	760	25400	18000	4.18	4.4	15100	10100	2.96	2.6	10
HCH924GKA3	*FCM4X36****		24800	22200	18	13.5	800	760	25000	18600	4.2	4.4	15500	10500	2.96	2.6	10
HCH936GKA1	*FCM4X60****		36600	31000	19	13.7	1208	924	37400	24800	4.36	4.5	22000	12600	3.08	2.56	10
HCH936GKA2	*FCM4X60****		36600	31600	19	13.7	1207	924	37400	25400	4.34	4.38	22800	15100	3.04	2.68	10
HCH948GKA1	*FCM4X60****		46500	38500	17	13.2	1400	1120	48000	34200	3.96	4.24	29600	20400	2.9	2.74	9.5
HCH948GKA2	*FCM4X60****		47000	38000	17	13.2	1400	1120	47500	34000	3.88	4.08	29800	20400	2.9	2.66	9.5
HCH960GKA1	*FCM4X60****		55500	45000	16	12.5	1625	1300	58500	40500	3.8	3.92	36800	24800	2.76	2.52	9.0
HCH960GKA2	*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, HCH924GKA300 Outdoor With FCM4X36**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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	0.79	0.76	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	18.89	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, HCH924GKA300 Outdoor With FCM4X36**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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	17.56
	S/T‡	1.00	1.00	0.84	0.81	0.58	1.00	1.00	0.86	0.83	0.59	1.00	1.00	0.88	0.86	0.60	1.00	1.00	0.91	0.88	0.62	1.00	1.00	0.94	0.91	0.63
	AMPS*	4.29	4.28	4.30	4.23	4.14	5.06	5.05	5.08	5.00	4.91	5.96	5.96	5.99	5.92	5.84	7.03	7.03	7.06	7.00	6.92	8.26	8.26	8.30	8.25	8.20
	HI PR	248	248	248	250	253	287	288	287	289	293	331	331	330	333	336	379	379	378	381	384	432	432	430	433	437
	LO PR	141	141	139	150	163	144	144	141	152	165	147	147	143	154	167	151	151	145	156	169	155	155	147	158	171

† Total capacities are net (I.D blower heat substracted) 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, HCH936GKA200 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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, HCH936GKA200 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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 substracted) 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, HCH948GKA200 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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, HCH948GKA200 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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 substracted) 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 HCH960GKA200 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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	0.79	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 HCH960GKA200 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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 substracted) 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 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 HCH924GKA300 Size Outdoor With FCM4X36**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																					
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																					
CFM		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 HCH924GKA300 Size Outdoor With FCM4X36**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																					
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																					
CFM		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	141	164	164	165
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	119	120	140	141	141	164	164	165
800	MBh†	4.71	4.29	4.31	8.09	7.64	7.09	11.19	10.72	10.18	14.47	13.64	13.07	16.88	16.48	16.07	19.16	18.71	18.25	21.35	20.86	20.37	23.44	22.93	22.42
	T/R	4.40	4.00	4.00	7.80	7.40	6.80	11.40	10.90	10.30	15.40	14.50	13.90	18.90	18.40	17.90	22.70	22.10	21.50	26.70	26.10	25.40	31.20	30.40	29.70
	AMPS*	4.59	4.93	5.30	4.80	5.12	5.43	4.93	5.23	5.53	5.03	5.29	5.58	5.05	5.34	5.65	5.06	5.34	5.64	5.08	5.37	5.67	5.14	5.43	5.74
	HI PR	200	215	233	212	228	244	226	242	259	243	258	275	258	276	294	276	294	313	298	316	335	324	342	361
	LO PR	42	42	43	54	54	54	67	67	68	82	83	83	99	100	100	118	119	119	140	140	141	163	164	164

† 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 HCH936GKA200 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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	224	239	255	239	255	272	257	274	291	279	298	316	302	320	340	328	348	367	359	379	399	397	417	437
	LO PR	38	38	38	49	49	49	61	61	62	75	75	76	91	91	92	109	109	110	128	129	129	150	151	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	221	237	253	236	252	268	253	269	286	273	291	310	294	312	332	319	338	358	348	368	388	379	401	423
	LO PR	38	38	38	49	49	49	61	61	62	75	75	76	91	91	92	109	109	109	128	128	129	150	151	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	219	235	251	233	249	265	248	265	282	267	285	304	287	306	325	311	330	349	339	358	378	366	387	409
	LO PR	38	38	38	49	49	49	61	61	62	75	75	76	91	91	91	108	109	109	128	128	129	150	150	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	216	231	247	228	244	261	243	258	276	258	276	295	276	295	314	298	316	336	322	343	363	349	368	388
	LO PR	38	38	38	49	49	49	61	61	61	75	75	75	91	91	91	108	109	109	127	128	128	149	150	150

Low Heat HCH936GKA200 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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	212	226	241	224	238	253	238	254	269	256	272	288	276	293	310	302	320	339	327	346	365	355	375	395
	LO PR	40	40	41	52	52	53	65	66	66	80	81	81	97	97	98	115	116	116	136	136	137	158	159	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	210	224	240	221	236	251	235	250	266	251	267	284	270	287	304	294	312	331	317	336	355	344	363	383
	LO PR	40	40	41	52	52	53	65	66	66	80	81	81	97	97	98	115	115	116	136	136	137	158	159	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	209	223	239	219	234	249	232	247	263	247	263	280	265	281	299	287	305	324	308	327	347	334	353	373
	LO PR	40	40	41	52	52	52	65	66	66	80	80	81	97	97	97	115	115	116	135	136	136	158	158	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	206	221	237	215	231	246	227	242	259	240	256	273	256	273	290	275	293	312	294	313	333	317	336	356
	LO PR	40	40	41	52	52	52	65	65	66	80	80	81	96	97	97	115	115	115	135	135	136	157	158	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 HCH948GKA200 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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
	HI 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
	LO PR	38	38	38	48	49	49	60	61	61	74	74	75	89	90	90	107	107	108	126	126	127	146	147	147
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
	HI 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
	LO PR	38	38	38	48	48	49	60	61	61	74	74	75	89	90	90	106	107	107	125	126	126	145	146	147
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
	HI 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
	LO PR	38	38	38	48	48	49	60	60	61	74	74	75	89	90	90	106	107	107	125	125	126	144	145	145
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
	HI 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
	LO PR	38	38	38	48	48	49	60	60	61	74	74	74	89	89	90	106	106	107	123	124	125	134	138	141

Low Heat HCH948GKA200 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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
	HI PR	211	225	244	226	241	256	242	257	273	260	275	292	282	299	314	304	322	340	330	348	367	357	377	398
	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
	HI 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
	LO PR	41	41	41	52	52	52	65	65	65	79	80	80	95	96	96	113	114	115	133	134	135	155	156	157
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
	HI 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
	LO PR	41	41	41	52	52	52	65	65	65	79	79	80	95	96	96	113	114	114	133	134	135	155	155	156
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
	HI 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
	LO PR	40	41	41	52	52	52	64	65	65	79	79	80	95	95	96	113	113	114	133	133	134	154	155	155

† 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 HCH960GKA200 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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 HCH960GKA200 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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.

EXPANDED COOLING PERFORMANCE RATINGS For GKA100 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, HCH924GKA100 Outdoor With FCM4X36**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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†	23.05	24.33	24.73	26.84	29.59	21.88	22.90	23.27	25.25	27.83	20.65	21.41	21.73	23.60	26.01	19.37	19.87	20.15	21.90	24.14	18.04	18.31	18.52	20.14	22.23
	S/T‡	1.00	0.86	0.70	0.67	0.51	1.00	0.88	0.71	0.68	0.51	1.00	0.90	0.72	0.70	0.52	1.00	0.92	0.74	0.71	0.53	1.00	0.95	0.76	0.74	0.54
	AMPS*	6.21	6.24	6.25	6.31	6.38	6.89	6.92	6.93	7.00	7.10	7.68	7.71	7.72	7.80	7.91	8.59	8.62	8.63	8.72	8.84	9.62	9.63	9.64	9.74	9.88
	HI PR	251	253	253	256	260	292	293	294	297	300	336	337	338	341	345	386	386	387	390	395	440	440	441	444	449
	LO PR	116	122	123	133	145	119	124	125	135	147	122	126	127	137	149	126	128	130	140	152	130	131	132	142	154
700	MBh†	23.71	24.78	25.17	27.31	30.09	22.49	23.31	23.67	25.67	28.29	21.22	21.79	22.09	23.98	26.42	19.89	20.22	20.46	22.22	24.50	18.51	18.64	18.79	20.43	22.54
	S/T‡	1.00	0.88	0.71	0.68	0.51	1.00	0.90	0.72	0.69	0.52	1.00	0.92	0.74	0.71	0.53	1.00	0.95	0.76	0.73	0.54	1.00	0.97	0.78	0.75	0.55
	AMPS*	6.25	6.28	6.29	6.35	6.42	6.93	6.96	6.97	7.04	7.14	7.73	7.75	7.76	7.85	7.96	8.64	8.66	8.67	8.76	8.89	9.67	9.68	9.68	9.78	9.92
	HI PR	252	253	254	257	260	292	294	294	297	301	337	338	339	342	346	386	387	388	391	395	441	441	441	445	450
	LO PR	119	124	125	135	147	122	126	127	137	149	125	128	129	139	151	129	131	132	142	154	133	133	134	144	156
750	MBh†	24.32	25.18	25.56	27.72	30.54	23.06	23.69	24.02	26.05	28.69	21.74	22.13	22.40	24.31	26.78	20.36	20.55	20.74	22.52	24.82	18.93	18.97	19.03	20.68	22.81
	S/T‡	1.00	0.90	0.72	0.69	0.52	1.00	0.92	0.73	0.71	0.53	1.00	0.94	0.75	0.73	0.54	1.00	0.96	0.77	0.75	0.55	1.00	1.00	0.80	0.77	0.56
	AMPS*	6.29	6.31	6.32	6.38	6.46	6.98	7.00	7.01	7.08	7.18	7.77	7.79	7.80	7.88	8.00	8.69	8.70	8.70	8.80	8.93	9.72	9.72	9.72	9.82	9.96
	HI PR	253	254	254	257	261	293	294	295	298	302	338	339	339	343	347	387	388	388	392	396	442	442	442	446	450
	LO PR	122	126	127	137	149	125	128	129	139	151	128	130	131	141	153	132	133	133	143	156	135	136	136	146	158
800	MBh†	24.89	25.56	25.91	28.09	30.94	23.59	24.04	24.34	26.38	29.05	22.22	22.46	22.69	24.60	27.10	20.80	20.86	20.99	22.77	25.10	19.33	19.36	19.24	20.91	23.05
	S/T‡	1.00	0.91	0.73	0.71	0.53	1.00	0.93	0.75	0.72	0.53	1.00	0.96	0.77	0.74	0.54	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.81	0.79	0.57
	AMPS*	6.33	6.35	6.36	6.42	6.49	7.02	7.03	7.04	7.12	7.21	7.82	7.83	7.84	7.92	8.04	8.73	8.74	8.74	8.84	8.97	9.76	9.77	9.76	9.86	10.00
	HI PR	254	254	255	258	261	294	295	295	298	302	339	339	340	343	347	388	389	389	392	397	443	443	442	446	450
	LO PR	125	128	129	139	151	128	130	131	141	153	131	132	133	143	155	134	135	135	145	157	138	138	137	147	160
850	MBh†	25.41	25.90	26.23	28.42	31.30	24.07	24.36	24.61	26.67	29.37	22.67	22.75	22.93	24.87	27.39	21.20	21.24	21.20	23.00	25.35	19.69	19.72	19.43	21.10	23.27
	S/T‡	1.00	0.93	0.74	0.72	0.53	1.00	0.95	0.76	0.74	0.54	1.00	1.00	0.78	0.76	0.55	1.00	1.00	0.80	0.78	0.56	1.00	1.00	0.83	0.81	0.58
	AMPS*	6.37	6.38	6.39	6.45	6.53	7.06	7.07	7.08	7.15	7.25	7.86	7.87	7.87	7.96	8.08	8.78	8.78	8.78	8.88	9.01	9.81	9.81	9.79	9.90	10.04
	HI PR	254	255	255	258	262	295	295	296	299	303	340	340	340	344	348	389	389	389	393	397	444	444	443	447	451
	LO PR	127	129	131	140	153	130	131	132	142	155	133	134	134	144	157	137	137	136	147	159	140	141	138	149	161

Low Cool, HCH924GKA100 Outdoor With FCM4X36**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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†	15.35	16.56	16.89	18.45	20.56	14.19	15.14	15.43	16.85	18.77	12.98	13.68	13.94	15.23	16.96	11.76	12.23	12.45	13.62	15.18	10.56	10.82	10.99	12.04	13.45
	S/T‡	1.00	0.84	0.69	0.66	0.50	1.00	0.84	0.69	0.66	0.49	1.00	0.85	0.69	0.66	0.49	1.00	0.85	0.69	0.66	0.49	1.00	0.86	0.69	0.66	0.49
	AMPS*	4.02	4.02	4.02	4.03	4.04	4.66	4.66	4.66	4.67	4.68	5.36	5.37	5.37	5.37	5.39	6.15	6.15	6.15	6.15	6.16	7.04	7.03	7.04	7.03	7.04
	HI PR	248	250	250	253	256	288	290	291	294	298	334	336	336	340	344	385	387	387	391	395	443	444	445	448	453
	LO PR	112	119	121	130	142	115	122	123	133	145	119	124	126	135	147	123	127	129	138	150	128	130	131	141	154
500	MBh†	16.89	17.63	17.95	19.61	21.83	15.56	16.07	16.34	17.85	19.86	14.20	14.50	14.71	16.08	17.90	12.83	12.96	13.10	14.34	15.97	11.49	11.51	11.53	12.64	14.11
	S/T‡	1.00	0.90	0.72	0.69	0.52	1.00	0.90	0.72	0.70	0.52	1.00	0.91	0.73	0.70	0.52	1.00	0.91	0.73	0.70	0.51	1.00	1.00	0.74	0.71	0.51
	AMPS*	4.06	4.06	4.06	4.07	4.09	4.70	4.70	4.70	4.71	4.73	5.40	5.41	5.41	5.41	5.43	6.19	6.19	6.19	6.19	6.21	7.06	7.06	7.07	7.07	7.08
	HI PR	250	251	252	255	258	291	292	293	296	299	337	338	338	341	346	388	388	389	392	397	446	446	446	450	455
	LO PR	122	126	128	137	149	125	128	130	139	152	128	131	132	142	154	133	134	134	144	157	137	137	137	147	160
600	MBh†	18.14	18.47	18.73	20.45	22.75	16.67	16.83	17.01	18.57	20.66	15.18	15.21	15.28	16.70	18.57	13.69	13.72	13.58	14.85	16.54	12.24	12.26	11.93	13.07	14.58
	S/T‡	1.00	0.95	0.76	0.73	0.54	1.00	0.95	0.76	0.74	0.54	1.00	1.00	0.77	0.74	0.54	1.00	1.00	0.78	0.75	0.54	1.00	1.00	0.79	0.76	0.54
	AMPS*	4.10	4.10	4.11	4.12	4.13	4.74	4.74	4.75	4.76	4.78	5.45	5.45	5.45	5.46	5.48	6.22	6.22	6.23	6.23	6.25	7.10	7.10	7.10	7.10	7.11
	HI PR	252	253	253	256	259	293	294	294	297	301	339	339	339	343	347	390	390	390	394	398	448	448	447	451	456
	LO PR	129	131	132	142	155	132	134	134	144	157	136	136	136	147	159	140	140	139	149	162	144	144	141	152	164
700	MBh†	19.17	19.22	19.32	21.08	23.45	17.59	17.62	17.52	19.12	21.26	15.99	16.01	15.71	17.16	19.08	14.39	14.42	13.95	15.24	16.96	12.84	12.86	12.25	13.40	14.93
	S/T‡	1.00	1.00	0.80	0.77	0.56	1.00	1.00	0.80	0.78	0.56	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.82	0.79	0.56	1.00	1.00	0.83	0.81	0.56
	AMPS*	4.15	4.15	4.15	4.16	4.18	4.79	4.79	4.79	4.80	4.82	5.49	5.49	5.49	5.50	5.52	6.27	6.27	6.27	6.27	6.29	7.14	7.14	7.14	7.14	7.15
	HI PR	254	254	254	257	261	295	295	295	298	302	341	341	340	344	348	392	392	391	395	399	450	450	448	452	457
	LO PR	136	136	136	146	159	139	139	138	148	161	142	142	140	150	163	146	146	142	153	165	150	150	144	155	168
800	MBh†	20.04	20.08	19.78	21.58	24.00	18.36	18.39	17.92	19.55	21.72	16.66	16.69	16.06	17.52	19.47	14.98	15.00	14.25	15.56	17.29	13.34	13.36	12.51	13.68	15.20
	S/T‡	1.00	1.00	0.83	0.81	0.57	1.00	1.00	0.84	0.81	0.58	1.00	1.00	0.85	0.82	0.58	1.00	1.00	0.86	0.84	0.58	1.00	1.00	0.87	0.85	0.59
	AMPS*	4.19	4.19	4.19	4.20	4.23	4.83	4.83	4.83	4.84	4.87	5.53	5.53	5.53	5.54	5.56	6.31	6.31	6.31	6.31	6.33	7.17	7.17	7.18	7.18	7.19
	HI PR	255	255	255	258	261	297	297	296	299	303	343	343	341	345	349	394	394	392	396	400	452	452	449	453	458
	LO PR	141	141	139	150	162	144	144	141	151	164	147	148	143	153	166	151	151	145	156	168	155	155	147	158	170

† Total capacities are net (I.D blower heat substracted) 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 GKA100 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, HCH936GKA100 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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†	32.56	34.69	35.46	38.51	42.69	31.24	32.94	33.68	36.59	40.60	29.87	31.14	31.83	34.60	38.41	28.42	29.26	29.90	32.53	36.15	26.90	27.32	27.89	30.36	33.78
	S/T‡	1.00	0.88	0.71	0.68	0.51	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
	AMPS*	9.14	9.22	9.25	9.37	9.53	10.08	10.15	10.18	10.29	10.45	11.08	11.13	11.15	11.27	11.43	12.15	12.19	12.21	12.34	12.51	13.33	13.35	13.38	13.51	13.68
	HI PR	252	254	255	257	261	293	295	295	298	302	337	339	340	343	347	386	387	388	391	396	440	440	441	445	450
	LO PR	121	128	131	141	154	125	131	133	143	157	128	133	135	146	159	132	136	138	148	162	137	138	140	151	165
975	MBh†	33.61	35.34	36.13	39.20	43.44	32.24	33.55	34.28	37.22	41.25	30.79	31.69	32.36	35.15	39.01	29.28	29.76	30.37	33.02	36.68	27.69	27.80	28.30	30.79	34.24
	S/T‡	1.00	0.90	0.72	0.69	0.52	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	0.99	0.78	0.75	0.54
	AMPS*	9.23	9.30	9.33	9.45	9.61	10.17	10.22	10.25	10.37	10.53	11.16	11.20	11.23	11.35	11.51	12.24	12.26	12.28	12.41	12.58	13.42	13.43	13.45	13.58	13.75
	HI PR	253	255	255	258	261	294	295	296	299	303	339	339	340	343	348	387	388	389	392	397	441	441	442	445	450
	LO PR	125	131	133	143	157	128	133	135	145	159	132	135	137	148	162	136	138	140	150	164	140	141	142	153	167
1050	MBh†	34.58	35.93	36.70	39.80	44.07	33.14	34.08	34.79	37.75	41.84	31.64	32.18	32.83	35.63	39.53	30.06	30.24	30.78	33.43	37.13	28.40	28.45	28.66	31.15	34.63
	S/T‡	1.00	0.92	0.74	0.71	0.53	1.00	0.94	0.75	0.72	0.53	1.00	0.96	0.76	0.73	0.54	1.00	0.99	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	9.32	9.38	9.40	9.52	9.69	10.26	10.30	10.32	10.44	10.61	11.25	11.27	11.30	11.42	11.59	12.32	12.33	12.35	12.48	12.65	13.51	13.51	13.51	13.65	13.83
	HI PR	254	255	256	258	262	295	296	296	299	303	339	340	341	344	348	388	389	389	393	397	442	442	442	446	451
	LO PR	128	133	135	145	159	132	135	137	147	161	135	137	139	150	164	139	140	142	152	166	143	144	144	155	169
1200	MBh†	36.28	36.93	37.65	40.76	45.12	34.73	35.03	35.65	38.62	42.78	33.11	33.17	33.58	36.40	40.35	31.42	31.47	31.44	34.11	37.86	29.63	29.68	29.23	31.74	35.25
	S/T‡	1.00	0.97	0.77	0.74	0.54	1.00	0.99	0.78	0.75	0.55	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
	AMPS*	9.50	9.52	9.55	9.66	9.84	10.42	10.44	10.46	10.58	10.75	11.41	11.42	11.43	11.55	11.72	12.49	12.49	12.48	12.61	12.79	13.67	13.67	13.64	13.78	13.96
	HI PR	256	256	257	259	263	297	297	297	300	304	341	341	342	345	349	390	390	390	394	398	444	444	443	447	452
	LO PR	134	136	138	149	163	138	139	140	151	165	141	141	142	153	167	145	145	145	155	169	149	149	147	158	172

Low Cool, HCH936GKA100 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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†	25.26	26.22	26.79	29.27	32.76	22.99	23.56	24.06	26.30	29.47	20.78	21.03	21.43	23.45	26.30	18.64	18.68	18.92	20.72	23.27	16.57	16.60	16.52	18.11	20.36
	S/T‡	1.00	0.92	0.73	0.70	0.52	1.00	0.94	0.75	0.72	0.53	1.00	0.97	0.77	0.74	0.54	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.82	0.79	0.56
	AMPS*	5.67	5.66	5.65	5.61	5.58	6.58	6.56	6.55	6.50	6.44	7.59	7.58	7.57	7.50	7.41	8.75	8.74	8.74	8.64	8.53	10.09	10.09	10.10	9.98	9.84
	HI PR	247	248	248	251	254	287	287	288	291	294	330	331	331	334	338	378	379	379	382	386	431	431	431	434	439
	LO PR	130	134	136	147	161	134	137	139	149	163	138	140	141	152	166	143	143	144	154	169	147	147	146	157	171
780	MBh†	26.07	26.71	27.26	29.78	33.32	23.70	24.00	24.45	26.74	29.94	21.41	21.47	21.76	23.81	26.69	19.19	19.23	19.19	21.02	23.59	17.05	17.08	16.74	18.35	20.62
	S/T‡	1.00	0.94	0.75	0.72	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	0.82	0.79	0.56	1.00	1.00	0.85	0.82	0.58
	AMPS*	5.69	5.68	5.67	5.63	5.60	6.59	6.58	6.57	6.52	6.46	7.59	7.59	7.58	7.51	7.43	8.74	8.74	8.75	8.65	8.55	10.08	10.08	10.11	9.99	9.85
	HI PR	248	248	249	252	255	288	288	288	291	295	331	331	332	335	339	380	380	379	383	387	432	432	432	435	439
	LO PR	134	137	139	149	163	138	139	141	151	165	142	142	143	154	168	146	146	145	156	171	150	151	148	159	173
840	MBh†	26.81	27.17	27.68	30.23	33.80	24.36	24.44	24.80	27.11	30.34	21.99	22.03	22.05	24.13	27.03	19.69	19.73	19.43	21.27	23.86	17.48	17.51	16.93	18.56	20.84
	S/T‡	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	1.00	1.00	0.88	0.84	0.59
	AMPS*	5.70	5.70	5.69	5.66	5.62	6.60	6.59	6.59	6.54	6.48	7.60	7.60	7.60	7.53	7.45	8.74	8.74	8.76	8.67	8.56	10.08	10.08	10.13	10.01	9.86
	HI PR	249	249	249	252	256	288	289	289	292	296	332	332	332	335	340	380	381	380	383	387	433	433	432	435	440
	LO PR	137	139	140	151	165	141	141	143	153	167	145	145	145	156	170	149	149	147	158	172	154	154	149	160	175
960	MBh†	28.14	28.19	28.36	30.96	34.59	25.53	25.58	25.39	27.73	31.00	23.02	23.05	22.54	24.64	27.57	20.58	20.61	19.84	21.70	24.30	18.23	18.26	17.27	18.91	21.19
	S/T‡	1.00	1.00	0.80	0.77	0.56	1.00	1.00	0.83	0.80	0.57	1.00	1.00	0.86	0.83	0.58	1.00	1.00	0.89	0.86	0.60	1.00	1.00	0.93	0.90	0.62
	AMPS*	5.74	5.73	5.73	5.70	5.67	6.62	6.62	6.63	6.58	6.53	7.61	7.61	7.63	7.57	7.49	8.75	8.75	8.79	8.70	8.60	10.08	10.08	10.15	10.04	9.89
	HI PR	250	250	250	253	256	290	290	290	293	297	334	334	333	336	340	382	382	381	384	388	435	435	433	436	440
	LO PR	143	143	143	154	169	147	147	146	156	171	150	151	148	159	173	155	155	150	161	175	159	159	152	163	178

† Total capacities are net (I.D blower heat substracted) 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 GKA100 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, HCH948GKA100 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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, HCH948GKA100 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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 substracted) 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 GKA100 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 HCH960GKA100 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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†	50.18	52.88	53.99	58.32	64.25	49.29	51.47	52.53	56.71	62.47	48.16	49.78	50.79	54.81	60.34	46.76	47.81	48.72	52.56	57.83	45.06	45.52	46.31	49.92	54.90
	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*	15.30	15.43	15.48	15.70	16.01	16.97	17.08	17.13	17.35	17.66	18.77	18.85	18.90	19.13	19.45	20.72	20.78	20.83	21.07	21.39	22.88	22.91	22.95	23.20	23.52
	HI PR	261	263	264	267	271	303	305	306	309	314	349	350	351	355	360	398	400	400	405	410	453	454	454	459	464
	LO PR	120	126	129	139	152	123	129	131	141	154	127	131	133	143	157	131	133	135	146	159	135	136	138	148	162
1625	MBh†	51.60	53.72	54.80	59.16	65.15	50.63	52.24	53.28	57.49	63.29	49.42	50.51	51.46	55.50	61.06	47.95	48.48	49.31	53.16	58.47	46.15	46.23	46.81	50.43	55.42
	S/T‡	1.00	0.90	0.72	0.70	0.52	1.00	0.92	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	0.77	0.55
	AMPS*	15.50	15.61	15.66	15.88	16.20	17.18	17.26	17.30	17.53	17.85	18.97	19.03	19.07	19.30	19.62	20.93	20.96	21.00	21.24	21.56	23.09	23.09	23.12	23.37	23.69
	HI PR	263	264	265	268	272	304	306	306	310	314	350	351	352	356	361	400	400	401	405	411	455	455	455	459	465
	LO PR	124	129	131	141	154	127	131	133	143	156	130	133	135	145	159	134	135	137	148	161	138	138	140	150	164
1750	MBh†	52.87	54.45	55.51	59.88	65.92	51.84	52.94	53.91	58.14	63.96	50.58	51.17	52.02	56.07	61.67	49.01	49.17	49.81	53.66	58.99	47.10	47.17	47.23	50.84	55.86
	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	0.77	0.55	1.00	1.00	0.82	0.79	0.56
	AMPS*	15.70	15.78	15.83	16.06	16.38	17.37	17.43	17.47	17.70	18.02	19.17	19.20	19.24	19.47	19.80	21.13	21.14	21.17	21.41	21.73	23.29	23.29	23.28	23.53	23.85
	HI PR	264	265	265	269	273	305	306	307	310	315	351	352	352	356	361	401	401	402	406	411	456	456	456	460	465
	LO PR	127	131	133	143	156	130	133	134	145	158	133	135	137	147	161	137	138	139	149	163	141	142	141	152	166
2000	MBh†	55.09	55.74	56.61	61.03	67.13	53.94	54.20	54.92	59.17	65.06	52.53	52.61	52.92	56.99	62.63	50.81	50.88	50.59	54.44	59.80	48.73	48.80	47.91	51.51	56.54
	S/T‡	1.00	0.97	0.77	0.74	0.54	1.00	0.99	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	0.86	0.84	0.59
	AMPS*	16.09	16.12	16.16	16.39	16.72	17.75	17.77	17.79	18.03	18.36	19.55	19.55	19.56	19.80	20.12	21.51	21.51	21.48	21.73	22.05	23.66	23.67	23.60	23.84	24.17
	HI PR	265	266	266	270	274	307	308	308	311	316	353	353	353	357	362	403	403	403	407	412	458	458	457	461	466
	LO PR	133	134	136	146	160	136	136	137	148	162	139	139	139	150	164	143	143	141	152	166	147	147	144	154	169

Low Cool HCH960GKA100 Outdoor With FCM4X60**** Indoor Cooling

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		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†	39.87	41.05	41.90	45.44	50.36	36.16	36.88	37.62	40.77	45.22	32.49	32.80	33.40	36.21	40.15	28.88	28.93	29.29	31.77	35.23	25.36	25.40	25.34	27.48	30.48
	S/T‡	1.00	0.93	0.74	0.71	0.52	1.00	0.95	0.76	0.73	0.53	1.00	0.98	0.77	0.75	0.54	1.00	1.00	0.80	0.77	0.55	1.00	1.00	0.82	0.80	0.57
	AMPS*	10.10	10.08	10.07	10.03	9.98	11.63	11.61	11.59	11.52	11.42	13.33	13.32	13.30	13.18	13.05	15.28	15.27	15.26	15.10	14.93	17.53	17.53	17.55	17.35	17.12
	HI PR	253	254	255	257	261	294	295	295	298	302	339	339	340	342	346	387	387	388	391	395	441	441	440	444	448
	LO PR	131	134	136	146	160	134	136	138	148	162	137	138	140	151	164	141	141	142	153	167	145	146	145	155	170
1300	MBh†	41.00	41.71	42.51	46.07	51.05	37.16	37.48	38.13	41.32	45.79	33.35	33.41	33.82	36.66	40.62	29.62	29.67	29.65	32.13	35.61	25.98	26.02	25.62	27.76	30.76
	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	0.57	1.00	1.00	0.85	0.82	0.58
	AMPS*	10.15	10.14	10.13	10.09	10.04	11.67	11.66	11.65	11.57	11.48	13.36	13.36	13.35	13.23	13.10	15.30	15.29	15.30	15.15	14.97	17.54	17.54	17.59	17.39	17.16
	HI PR	254	255	255	258	262	295	295	296	299	302	340	340	340	343	347	388	388	388	391	396	442	442	441	444	449
	LO PR	134	136	138	148	162	137	138	140	150	164	141	141	142	152	166	145	145	144	155	169	149	149	146	157	171
1400	MBh†	42.03	42.35	43.04	46.62	51.63	38.06	38.12	38.57	41.77	46.27	34.14	34.19	34.19	37.03	41.02	30.29	30.33	29.94	32.44	35.92	26.54	26.58	25.85	28.00	31.00
	S/T‡	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	0.84	0.82	0.58	1.00	1.00	0.88	0.85	0.60
	AMPS*	10.20	10.20	10.19	10.15	10.11	11.71	11.71	11.70	11.63	11.54	13.40	13.39	13.40	13.29	13.16	15.32	15.32	15.35	15.20	15.03	17.56	17.56	17.63	17.44	17.21
	HI PR	255	255	256	259	262	296	296	296	299	303	341	341	340	343	348	389	389	389	392	396	443	443	441	445	449
	LO PR	137	138	140	150	164	140	141	142	152	166	144	144	144	154	168	148	148	146	156	170	152	152	148	159	173
1600	MBh†	43.81	43.87	43.88	47.49	52.55	39.62	39.68	39.29	42.52	47.05	35.49	35.54	34.79	37.65	41.65	31.43	31.48	30.43	32.93	36.41	27.49	27.53	26.25	28.40	31.38
	S/T‡	1.00	1.00	0.82	0.79	0.56	1.00	1.00	0.84	0.81	0.58	1.00	1.00	0.86	0.84	0.59	1.00	1.00	0.89	0.87	0.61	1.00	1.00	0.93	0.90	0.63
	AMPS*	10.31	10.31	10.32	10.28	10.23	11.81	11.81	11.82	11.75	11.67	13.48	13.47	13.51	13.40	13.28	15.39	15.38	15.46	15.31	15.14	17.61	17.61	17.73	17.54	17.32
	HI PR	257	257	256	259	263	297	298	297	300	304	342	342	341	344	348	391	391	389	393	397	444	444	442	445	450
	LO PR	143	143	143	153	167	146	146	144	155	169	149	149	146	157	171	153	153	148	159	173	157	157	150	161	175

† Total capacities are net (I.D blower heat substracted) 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 HEATING PERFORMANCE RATINGS GKA100 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 HCH924GKA100 Size Outdoor With FCM4X36**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																					
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																					
CFM		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†	8.70	8.25	7.77	11.47	11.00	10.53	14.63	14.29	13.92	17.65	17.27	16.88	21.05	20.61	20.17	24.89	24.38	23.89	29.21	28.64	28.07	34.04	33.41	32.78
	T/R	12.90	12.20	11.50	17.00	16.30	15.50	21.70	21.10	20.50	26.20	25.50	24.90	31.20	30.50	29.80	36.90	36.10	35.20	43.30	42.40	41.40	50.40	49.40	48.40
	AMPS*	5.47	5.80	6.14	5.85	6.16	6.49	6.23	6.55	6.90	6.60	6.92	7.27	7.05	7.37	7.72	7.60	7.94	8.31	8.32	8.68	9.05	9.23	9.61	10.00
	HI PR	230	246	262	247	263	280	266	284	302	286	304	323	310	329	348	340	359	378	376	395	415	418	438	458
	LO PR	40	40	40	51	51	52	64	64	65	79	80	80	96	96	97	115	115	116	135	136	137	158	159	160
700	MBh†	8.80	8.34	7.86	11.62	11.12	10.64	14.73	14.40	14.04	17.79	17.41	17.02	21.24	20.79	20.35	25.13	24.62	24.11	29.52	28.94	28.36	34.40	33.76	33.12
	T/R	12.10	11.50	10.80	16.00	15.30	14.60	20.30	19.80	19.20	24.50	23.90	23.30	29.20	28.50	27.90	34.60	33.80	33.00	40.60	39.70	38.80	47.30	46.40	45.40
	AMPS*	5.44	5.77	6.11	5.81	6.11	6.44	6.17	6.49	6.83	6.52	6.84	7.18	6.95	7.27	7.62	7.48	7.82	8.18	8.17	8.53	8.90	9.05	9.43	9.82
	HI PR	228	244	260	243	260	276	261	279	297	280	298	317	303	322	341	332	351	370	367	386	405	408	427	447
	LO PR	40	40	40	51	51	52	64	64	65	79	79	80	96	96	97	115	115	116	135	136	136	158	158	159
750	MBh†	8.88	8.42	7.94	11.77	11.23	10.74	14.83	14.49	14.14	17.92	17.53	17.15	21.40	20.95	20.51	25.33	24.82	24.31	29.78	29.19	28.61	34.71	34.06	33.42
	T/R	11.40	10.80	10.20	15.10	14.40	13.70	19.00	18.60	18.10	23.00	22.50	21.90	27.50	26.90	26.20	32.50	31.80	31.10	38.20	37.40	36.60	44.60	43.70	42.70
	AMPS*	5.42	5.74	6.09	5.78	6.08	6.41	6.11	6.43	6.77	6.45	6.77	7.11	6.86	7.19	7.53	7.38	7.71	8.07	8.05	8.40	8.77	8.91	9.28	9.67
	HI PR	226	241	258	240	256	273	257	274	293	275	293	312	297	316	335	325	344	363	359	378	397	399	418	438
	LO PR	39	40	40	51	51	51	64	64	65	79	79	80	96	96	97	114	115	115	135	136	136	157	158	159
800	MBh†	8.95	8.50	8.01	12.09	11.32	10.83	14.92	14.58	14.23	18.03	17.64	17.25	21.55	21.10	20.65	25.51	25.00	24.48	30.00	29.41	28.83	34.96	34.31	33.67
	T/R	10.80	10.20	9.60	14.60	13.60	13.00	18.00	17.50	17.10	21.70	21.20	20.70	26.00	25.40	24.70	30.70	30.00	29.40	36.10	35.30	34.60	42.10	41.20	40.40
	AMPS*	5.41	5.73	6.07	5.77	6.05	6.38	6.07	6.39	6.73	6.40	6.72	7.05	6.79	7.12	7.46	7.30	7.63	7.98	7.95	8.30	8.67	8.80	9.16	9.55
	HI PR	224	239	256	239	254	271	253	271	289	271	289	307	292	310	329	319	337	357	352	371	390	392	411	431
	LO PR	39	40	40	51	51	51	64	64	65	79	79	80	96	96	96	114	115	115	135	135	136	157	158	159
850	MBh†	9.01	8.56	8.08	12.18	11.41	10.92	15.01	14.66	14.31	18.14	17.74	17.35	21.68	21.23	20.77	25.69	25.17	24.64	30.20	29.61	29.02	35.18	34.53	33.88
	T/R	10.20	9.70	9.10	13.80	12.90	12.30	17.00	16.60	16.10	20.60	20.10	19.60	24.60	24.00	23.40	29.10	28.50	27.80	34.20	33.50	32.70	39.90	39.10	38.20
	AMPS*	5.39	5.72	6.06	5.75	6.03	6.36	6.04	6.35	6.69	6.36	6.67	7.00	6.74	7.06	7.40	7.23	7.56	7.90	7.87	8.22	8.58	8.72	9.08	9.45
	HI PR	222	238	254	236	251	268	250	268	286	267	285	303	288	306	325	314	332	351	347	365	384	386	405	424
	LO PR	39	40	40	51	51	51	64	64	64	79	79	80	96	96	96	114	115	115	135	135	136	157	158	158

Low Heat HCH924GKA100 Size Outdoor With FCM4X36**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																					
		7			17			27			37			47			57			67					
		Entering Indoor Temperature - Degrees F, Dry Bulb																					
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75			
400	MBh†	5.88	5.56	5.21	8.32	7.95	7.54	10.88	10.46	10.00	14.05	13.23	12.72	16.83	16.45	16.04	19.84	19.39	18.96	23.17	22.67	22.18			
	T/R	14.10	13.30	12.50	19.90	19.00	18.00	26.00	24.90	23.80	33.50	31.50	30.20	40.10	39.10	38.00	47.10	45.90	44.80	54.90	53.60	52.30			
	AMPS*	4.44	4.72	5.00	4.72	5.00	5.29	5.02	5.31	5.60	5.44	5.65	5.93	5.78	6.08	6.40	6.17	6.48	6.79	6.64	6.95	7.25			
	HI PR	233	248	264	255	271	288	280	297	313	313	325	342	342	360	379	376	394	413	415	434	453			
	LO PR	54	54	54	68	68	68	83	84	84	101	101	102	120	121	121	142	143	144	167	167	168			
500	MBh†	6.05	5.75	5.41	8.62	8.26	7.87	11.35	10.92	10.47	14.58	14.19	13.37	17.47	17.06	16.65	20.68	20.21	19.72	24.26	23.71	23.17			
	T/R	11.60	11.00	10.40	16.50	15.80	15.00	21.70	20.80	19.90	27.80	27.00	25.40	33.30	32.40	31.60	39.30	38.30	37.30	46.00	44.80	43.70			
	AMPS*	4.33	4.62	4.91	4.54	4.84	5.14	4.78	5.07	5.38	5.10	5.40	5.65	5.37	5.68	6.00	5.70	6.00	6.32	6.10	6.40	6.70			
	HI PR	224	240	257	243	259	276	264	281	298	290	308	323	315	333	352	344	363	382	378	397	416			
	LO PR	54	54	54	68	68	68	83	83	84	100	101	101	120	120	121	141	142	143	165	166	167			
600	MBh†	6.17	5.90	5.56	8.81	8.48	8.09	11.65	11.23	10.79	14.91	14.56	14.15	17.92	17.51	17.08	21.30	20.80	20.30	25.06	24.48	23.92			
	T/R	9.90	9.40	8.90	14.10	13.50	12.90	18.60	17.90	17.10	23.70	23.10	22.40	28.40	27.70	27.00	33.70	32.80	32.00	39.60	38.60	37.60			
	AMPS*	4.28	4.57	4.86	4.44	4.74	5.04	4.63	4.92	5.23	4.88	5.19	5.50	5.10	5.41	5.73	5.39	5.69	6.01	5.73	6.04	6.35			
	HI PR	219	235	251	235	251	268	253	269	287	275	293	311	297	315	334	323	341	360	353	372	391			
	LO PR	54	54	54	67	68	68	83	83	83	100	100	101	119	120	120	141	141	142	165	165	166			
700	MBh†	6.26	6.00	5.67	8.95	8.64	8.26	11.90	11.46	11.03	15.15	14.81	14.43	18.27	17.84	17.41	21.76	21.25	20.74	25.67	25.07	24.48			
	T/R	8.60	8.20	7.70	12.20	11.80	11.30	16.30	15.60	15.00	20.60	20.10	19.60	24.80	24.20	23.60	29.50	28.80	28.00	34.70	33.90	33.00			
	AMPS*	4.25	4.54	4.84	4.38	4.68	4.98	4.54	4.83	5.13	4.73	5.04	5.36	4.92	5.23	5.55	5.18	5.48	5.79	5.49	5.79	6.10			
	HI PR	215	231	248	229	245	262	245	261	279	264	282	300	283	302	320	307	325	344	335	354	373			
	LO PR	54	54	54	67	68	68	83	83	83	100	100	100	119	119	120	140	141	142	164	165	165			
800	MBh†	6.34	6.09	5.76	9.05	8.76	8.39	12.07	11.64	11.21	15.33	14.99	14.64	18.53	18.11	17.67	22.12	21.60	21.08	26.13	25.52	24.92			
	T/R	7.60	7.30	6.90	10.80	10.50	10.00	14.40	13.90	13.30	18.30	17.80	17.40	22.00	21.50	20.90	26.30	25.60	24.90	31.00	30.20	29.40			
	AMPS*	4.24	4.54	4.84	4.35	4.64	4.95	4.48	4.77	5.07	4.64	4.94	5.26	4.80	5.11	5.43	5.04	5.33	5.65	5.33	5.62	5.93			
	HI PR	212	228	245	224	241	258	239	255	273	256	273	292	274	292	310	296	314	333	322	340	359			
	LO PR	54	54	54	67	67	68	82	83	83	100	100	100	119	119	120	140	141	141	163	164	165			

† 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 GKA100 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 HCH936GKA100 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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†	12.41	11.71	10.95	16.85	16.16	15.42	21.54	20.81	20.06	26.86	26.36	25.36	31.47	30.89	30.33	36.48	35.82	35.17	41.85	41.13	40.41	47.83	46.98	46.12
	T/R	11.30	10.70	9.90	15.70	15.00	14.30	20.50	19.80	19.00	26.20	25.60	24.60	31.40	30.70	30.10	37.20	36.50	35.70	43.80	42.90	42.10	51.30	50.20	49.20
	AMPS*	7.60	8.00	8.40	8.16	8.58	9.00	8.76	9.19	9.63	9.45	9.94	10.36	10.12	10.62	11.12	10.90	11.41	11.94	11.82	12.35	12.91	12.74	13.33	13.95
	HI PR	220	235	250	235	251	267	252	268	285	274	291	308	295	313	332	320	339	358	351	370	390	382	402	424
	LO PR	38	39	39	49	50	50	62	62	63	76	77	77	92	93	93	110	111	111	130	130	131	151	152	152
975	MBh†	12.56	11.85	11.09	17.04	16.34	15.60	21.76	21.04	20.29	27.09	26.58	26.00	31.75	31.18	30.59	36.84	36.17	35.50	42.31	41.56	40.83	48.35	47.56	46.70
	T/R	10.60	10.00	9.30	14.70	14.00	13.40	19.10	18.50	17.80	24.40	23.90	23.30	29.20	28.60	28.00	34.70	34.00	33.30	40.80	40.00	39.20	47.80	47.00	46.00
	AMPS*	7.59	8.00	8.40	8.13	8.55	8.97	8.69	9.13	9.57	9.34	9.83	10.31	9.97	10.47	10.98	10.71	11.22	11.75	11.58	12.11	12.66	12.40	12.98	13.57
	HI PR	218	233	249	232	247	264	248	264	281	268	285	303	288	306	325	312	330	349	341	360	379	368	388	409
	LO PR	38	38	39	49	50	50	62	62	63	76	76	77	92	92	93	110	110	111	129	130	130	151	151	152
1050	MBh†	12.68	11.98	11.22	17.20	16.50	15.76	21.97	21.24	20.49	27.26	26.76	26.21	32.00	31.42	30.82	37.15	36.48	35.80	42.70	41.94	41.19	48.78	47.96	46.12
	T/R	9.90	9.30	8.70	13.70	13.20	12.50	17.90	17.30	16.70	22.80	22.30	21.80	27.30	26.80	26.20	32.50	31.80	31.20	38.30	37.50	36.80	44.80	44.00	42.20
	AMPS*	7.59	8.00	8.40	8.10	8.53	8.96	8.64	9.08	9.53	9.25	9.74	10.23	9.85	10.35	10.86	10.56	11.07	11.59	11.39	11.91	12.46	12.18	12.72	13.35
	HI PR	216	231	247	229	245	261	244	260	277	263	280	298	282	300	318	304	322	342	332	351	370	358	378	400
	LO PR	38	38	39	49	50	50	62	62	63	76	76	77	92	92	93	110	110	111	129	130	130	150	151	143
1200	MBh†	12.90	12.21	11.44	17.47	16.78	16.04	22.33	21.60	20.84	27.60	27.10	26.56	32.43	31.83	31.24	37.69	37.00	36.32	43.41	42.63	41.83	49.26	48.50	47.72
	T/R	8.80	8.30	7.80	12.20	11.70	11.20	16.00	15.40	14.80	20.20	19.80	19.30	24.20	23.80	23.30	28.90	28.30	27.70	34.00	33.40	32.70	39.60	38.90	38.20
	AMPS*	7.61	8.02	8.43	8.08	8.51	8.95	8.57	9.02	9.47	9.13	9.61	10.11	9.68	10.17	10.69	10.33	10.84	11.36	10.98	11.53	12.12	11.81	12.35	12.90
	HI PR	213	228	244	225	240	257	238	254	271	254	272	290	271	289	308	292	310	329	314	333	354	341	361	380
	LO PR	38	38	39	49	50	50	62	62	62	76	76	76	92	92	93	109	110	110	128	129	130	149	150	151

Low Heat HCH936GKA100 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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†	6.81	6.75	7.03	9.46	8.63	7.75	13.29	12.50	11.64	16.93	16.14	15.33	20.33	19.56	18.77	24.01	23.37	21.98	26.31	25.72	25.15	28.29	27.68	27.08
	T/R	6.40	6.40	6.60	9.50	8.60	7.70	14.10	13.20	12.30	19.10	18.20	17.20	24.60	23.60	22.60	31.10	30.30	28.40	36.90	36.00	35.10	43.10	42.10	41.00
	AMPS*	5.67	6.07	6.51	5.78	6.12	6.46	5.99	6.33	6.68	6.22	6.56	6.90	6.47	6.81	7.16	6.82	7.18	7.44	7.09	7.46	7.85	7.42	7.78	8.16
	HI PR	204	221	239	214	228	242	230	244	259	247	262	278	267	283	299	293	310	324	318	336	354	346	365	384
	LO PR	42	42	42	53	54	54	67	67	67	81	82	82	98	99	99	116	117	118	137	138	138	160	160	161
780	MBh†	6.89	6.84	7.11	9.59	8.75	7.86	13.47	12.67	11.81	17.15	16.37	15.54	20.62	19.83	19.03	24.29	23.66	22.35	26.63	26.03	25.45	28.67	28.04	27.43
	T/R	6.00	6.00	6.20	8.90	8.10	7.20	13.20	12.40	11.50	17.90	17.00	16.10	23.00	22.10	21.10	29.10	28.30	26.60	34.40	33.60	32.80	40.30	39.30	38.40
	AMPS*	5.67	6.07	6.51	5.77	6.11	6.45	5.96	6.30	6.65	6.16	6.50	6.85	6.38	6.72	7.07	6.70	7.06	7.34	6.94	7.31	7.69	7.24	7.60	7.98
	HI PR	203	219	237	212	226	241	227	242	257	243	259	274	262	278	294	286	303	318	309	327	345	336	354	373
	LO PR	42	42	42	53	54	54	67	67	67	81	82	82	98	98	99	116	117	118	137	137	138	159	160	161
840	MBh†	6.97	6.92	7.19	9.70	8.86	7.96	13.62	12.82	11.95	17.35	16.56	15.73	20.86	20.07	19.27	24.52	23.91	22.73	26.92	26.30	25.70	29.02	28.37	27.74
	T/R	5.70	5.60	5.80	8.30	7.60	6.80	12.40	11.60	10.80	16.80	16.00	15.20	21.60	20.70	19.90	27.30	26.50	25.20	32.30	31.50	30.70	37.90	37.00	36.00
	AMPS*	5.67	6.07	6.51	5.75	6.10	6.45	5.93	6.27	6.62	6.11	6.45	6.80	6.31	6.66	7.01	6.60	6.96	7.26	6.82	7.18	7.56	7.09	7.45	7.82
	HI PR	202	218	236	211	225	240	224	239	255	240	255	271	258	274	290	280	297	312	301	319	338	327	345	364
	LO PR	42	42	42	53	54	54	66	67	67	81	82	82	98	98	99	116	117	117	137	137	138	159	160	160
960	MBh†	7.11	7.05	7.33	9.90	9.06	8.14	13.88	13.08	12.21	17.68	16.89	16.05	21.28	20.48	19.66	24.91	24.32	23.67	27.40	26.76	26.14	29.63	28.93	28.28
	T/R	5.00	5.00	5.20	7.40	6.80	6.10	11.00	10.40	9.70	15.00	14.30	13.50	19.30	18.50	17.70	24.20	23.60	22.90	28.80	28.10	27.30	33.80	33.00	32.20
	AMPS*	5.68	6.09	6.52	5.75	6.10	6.45	5.89	6.24	6.60	6.04	6.39	6.74	6.20	6.55	6.91	6.45	6.81	7.17	6.63	6.98	7.36	6.83	7.21	7.59
	HI PR	200	217	234	208	223	238	220	235	251	234	250	266	250	266	283	269	287	305	289	307	325	310	330	349
	LO PR	42	42	42	53	54	54	66	67	67	81	82	82	98	98	99	116	116	117	136	137	137	158	159	160

† 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 GKA100 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 HCH948GKA100 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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†	17.99	17.32	16.58	23.35	22.67	21.94	29.76	29.25	27.79	35.30	34.75	34.19	41.44	40.77	40.09	48.30	47.51	46.73	55.96	55.00	54.04	64.59	63.60	62.61
	T/R	13.10	12.60	12.00	17.20	16.70	16.10	22.20	21.80	20.70	26.70	26.30	25.80	31.80	31.20	30.70	37.60	36.90	36.20	44.20	43.40	42.50	51.80	50.90	50.00
	AMPS*	10.63	11.11	11.59	11.42	11.92	12.43	12.32	12.87	13.32	13.17	13.74	14.33	14.13	14.72	15.32	15.26	15.87	16.51	16.59	17.24	17.89	17.92	18.58	19.27
	HI PR	226	241	258	241	257	274	260	278	293	279	297	316	302	321	340	330	349	369	364	383	403	397	417	437
	LO PR	38	38	38	49	49	49	61	61	61	75	75	75	90	91	91	107	108	108	126	127	127	148	148	149
1300	MBh†	18.16	17.49	16.76	23.57	22.88	22.16	29.96	29.46	28.13	35.54	35.00	34.44	41.78	41.10	40.42	48.72	47.93	47.14	56.57	55.58	54.60	64.98	64.03	63.04
	T/R	12.20	11.70	11.20	16.00	15.50	15.00	20.70	20.30	19.30	24.80	24.40	24.00	29.60	29.10	28.50	35.00	34.40	33.70	41.30	40.50	39.70	48.10	47.30	46.50
	AMPS*	10.64	11.12	11.61	11.40	11.91	12.41	12.25	12.80	13.27	13.06	13.64	14.22	13.99	14.58	15.18	15.08	15.68	16.32	16.25	16.93	17.64	17.61	18.27	18.94
	HI PR	223	239	255	237	253	270	255	273	288	273	291	310	295	313	333	321	340	360	351	371	393	385	405	425
	LO PR	38	38	38	49	49	49	61	61	61	75	75	75	90	90	91	107	108	108	126	127	127	147	147	148
1400	MBh†	18.32	17.65	16.92	23.76	23.08	22.35	30.13	29.65	29.07	35.77	35.22	34.66	42.07	41.40	40.71	49.08	48.30	47.51	57.04	56.07	55.13	65.18	64.28	63.35
	T/R	11.40	11.00	10.50	15.00	14.50	14.00	19.30	18.90	18.50	23.20	22.80	22.40	27.70	27.20	26.70	32.80	32.20	31.60	38.60	37.90	37.20	44.80	44.10	43.40
	AMPS*	10.66	11.15	11.63	11.39	11.90	12.41	12.21	12.76	13.32	12.98	13.56	14.15	13.88	14.48	15.07	14.93	15.54	16.17	16.02	16.67	17.35	17.35	18.01	18.70
	HI PR	221	237	253	234	251	267	251	269	287	268	286	305	288	307	326	314	333	352	341	360	381	375	395	415
	LO PR	38	38	38	48	49	49	61	61	61	75	75	75	90	90	91	107	107	108	126	127	127	146	147	147
1600	MBh†	18.59	17.93	17.21	24.08	23.42	22.69	30.43	29.98	29.44	36.15	35.61	35.05	42.57	41.90	41.22	49.69	48.91	48.12	57.49	56.69	55.82	65.11	64.35	63.52
	T/R	10.10	9.80	9.30	13.30	12.90	12.50	17.00	16.80	16.40	20.50	20.20	19.80	24.50	24.10	23.60	29.00	28.50	28.00	34.10	33.50	32.90	39.20	38.60	38.00
	AMPS*	10.71	11.21	11.70	11.40	11.92	12.44	12.16	12.72	13.28	12.88	13.47	14.06	13.75	14.34	14.94	14.75	15.35	15.98	15.73	16.36	17.01	16.98	17.64	18.32
	HI PR	217	233	250	229	246	263	244	262	280	260	278	296	279	297	316	302	321	340	327	346	366	359	378	399
	LO PR	38	38	38	48	49	49	61	61	61	74	75	75	90	90	91	107	107	108	125	126	126	143	145	145

Low Heat HCH948GKA100 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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†	10.90	10.05	10.82	15.86	15.07	14.21	20.69	19.93	19.11	25.37	24.62	23.84	30.58	30.01	28.43	34.13	33.58	33.02	37.57	36.94	36.30	40.73	40.03	39.35
	T/R	7.70	7.10	7.60	11.90	11.20	10.60	16.40	15.70	15.00	21.30	20.60	19.90	27.30	26.70	25.30	32.60	32.00	31.40	38.50	37.80	37.00	45.10	44.20	43.40
	AMPS*	8.45	8.97	9.65	8.73	9.25	9.79	9.01	9.54	10.08	9.32	9.86	10.41	9.78	10.34	10.78	10.12	10.70	11.30	10.56	11.13	11.72	11.10	11.67	12.27
	HI PR	207	221	241	221	236	251	237	252	269	255	271	288	279	297	311	302	321	340	329	348	368	362	381	401
	LO PR	41	41	41	53	53	53	65	66	66	80	80	81	96	96	97	114	114	115	134	134	135	156	156	157
1040	MBh†	11.02	10.17	10.93	16.02	15.23	14.37	20.89	20.13	19.31	25.61	24.87	24.08	30.81	30.26	28.80	34.42	33.85	33.29	37.93	37.29	36.65	41.20	40.46	39.77
	T/R	7.20	6.60	7.10	11.10	10.50	9.90	15.20	14.70	14.00	19.80	19.20	18.60	25.40	24.90	23.60	30.30	29.80	29.20	35.90	35.20	34.50	42.10	41.30	40.50
	AMPS*	8.45	8.98	9.65	8.70	9.23	9.77	8.95	9.48	10.03	9.22	9.76	10.32	9.63	10.19	10.66	9.93	10.50	11.10	10.33	10.89	11.48	10.83	11.39	11.98
	HI PR	206	220	239	219	234	249	234	249	265	251	267	284	273	291	306	294	313	332	320	339	358	351	370	390
	LO PR	41	41	41	52	53	53	65	66	66	80	80	81	96	96	97	114	114	115	134	134	135	155	156	157
1120	MBh†	11.09	10.28	11.03	16.12	15.37	14.51	21.03	20.30	19.49	25.80	25.08	24.30	31.01	30.47	29.17	34.67	34.10	33.53	38.24	37.59	36.95	41.65	40.86	40.13
	T/R	6.70	6.20	6.70	10.30	9.80	9.30	14.20	13.70	13.10	18.50	18.00	17.40	23.70	23.30	22.20	28.40	27.80	27.30	33.60	33.00	32.30	39.50	38.70	37.90
	AMPS*	8.45	8.99	9.66	8.67	9.22	9.76	8.90	9.44	9.99	9.14	9.69	10.25	9.51	10.07	10.56	9.78	10.34	10.94	10.14	10.70	11.29	10.54	11.15	11.74
	HI PR	205	219	238	217	232	248	231	246	263	247	263	280	268	285	301	288	306	325	312	331	350	339	360	380
	LO PR	41	41	41	52	53	53	65	66	66	80	80	81	96	96	97	114	114	115	133	134	135	155	155	156
1280	MBh†	11.34	10.48	11.22	16.41	15.63	14.76	21.36	20.62	19.80	26.16	25.45	24.67	31.33	30.83	30.24	35.09	34.51	33.93	38.77	38.11	37.45	42.34	41.56	40.80
	T/R	6.00	5.60	5.90	9.20	8.70	8.20	12.70	12.20	11.70	16.50	16.00	15.40	21.00	20.60	20.20	25.10	24.70	24.20	29.80	29.20	28.70	35.20	34.40	33.70
	AMPS*	8.49	9.02	9.69	8.66	9.21	9.76	8.84	9.38	9.94	9.03	9.58	10.14	9.34	9.90	10.47	9.56	10.11	10.70	9.87	10.42	10.99	10.15	10.70	11.30
	HI PR	203	217	236	214	229	245	226	242	258	240	257	274	259	276	295	277	295	314	299	318	337	322	341	362
	LO PR	41	41	41	52	53	53	65	66	66	80	80	80	95	96	96	113	114	114	133	134	134	155	155	156

† 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 GKA100 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 HCH960GKA100 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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†	22.36	21.59	20.78	28.63	27.88	27.08	36.35	35.82	33.97	42.95	42.40	41.84	50.34	49.65	48.96	58.48	57.70	56.88	68.10	67.13	66.16	77.78	76.79	75.78
	T/R	12.90	12.40	11.90	16.70	16.20	15.70	21.40	21.00	19.90	25.60	25.20	24.80	30.30	29.80	29.30	35.60	35.10	34.50	42.00	41.30	40.60	48.50	47.80	47.10
	AMPS*	13.98	14.73	15.47	14.91	15.69	16.48	16.02	16.85	17.52	17.00	17.86	18.74	18.11	18.98	19.90	19.38	20.29	21.22	20.61	21.52	22.49	22.22	23.17	24.15
	HI PR	226	242	258	240	257	274	260	277	292	278	296	316	300	319	338	326	345	365	352	372	392	387	407	428
	LO PR	36	36	36	46	47	47	58	58	59	72	72	72	87	87	88	103	104	104	122	123	123	141	142	143
1625	MBh†	22.57	21.81	20.95	28.87	28.12	27.29	36.57	36.06	34.25	43.23	42.68	42.10	50.69	50.00	49.31	58.95	58.11	57.30	68.48	67.58	66.66	77.99	77.05	76.06
	T/R	12.00	11.60	11.10	15.50	15.10	14.60	19.90	19.50	18.50	23.70	23.40	23.00	28.20	27.70	27.30	33.10	32.60	32.10	39.00	38.40	37.80	44.90	44.30	43.60
	AMPS*	14.00	14.75	15.50	14.89	15.67	16.46	15.93	16.77	17.45	16.86	17.73	18.60	17.92	18.79	19.71	19.14	20.04	20.97	20.28	21.19	22.14	21.78	22.73	23.71
	HI PR	224	240	256	237	254	271	255	273	288	272	290	310	293	312	331	318	337	357	342	362	382	375	395	416
	LO PR	36	36	36	46	47	47	58	58	59	72	72	72	87	87	87	103	104	104	122	122	123	140	141	142
1750	MBh†	22.75	22.00	21.14	29.10	28.35	27.52	36.76	36.28	34.53	43.49	42.91	42.35	51.00	50.31	49.62	59.37	58.50	57.68	68.76	67.90	66.99	78.03	77.14	76.21
	T/R	11.20	10.80	10.40	14.50	14.10	13.70	18.50	18.30	17.30	22.20	21.80	21.50	26.30	25.90	25.50	31.00	30.50	30.00	36.30	35.80	35.20	41.70	41.20	40.60
	AMPS*	14.03	14.79	15.54	14.88	15.66	16.46	15.87	16.72	17.41	16.77	17.63	18.51	17.78	18.66	19.57	18.90	19.85	20.77	20.03	20.93	21.87	21.43	22.38	23.36
	HI PR	222	238	254	234	251	268	251	269	284	267	285	305	287	306	325	310	330	350	334	354	373	365	385	406
	LO PR	36	36	36	46	47	47	58	58	59	72	72	72	87	87	87	103	104	104	121	122	122	139	140	141
2000	MBh†	23.09	22.36	21.50	29.49	28.76	27.93	37.10	36.66	35.07	43.92	43.36	42.79	51.53	50.85	50.15	60.11	59.22	58.37	69.06	68.27	67.42	76.11	76.36	76.08
	T/R	10.00	9.60	9.20	12.90	12.50	12.10	16.40	16.10	15.40	19.60	19.30	19.00	23.30	22.90	22.50	27.50	27.00	26.50	31.90	31.50	31.00	35.60	35.60	35.40
	AMPS*	14.13	14.90	15.66	14.92	15.71	16.52	15.82	16.68	17.39	16.66	17.54	18.41	17.61	18.49	19.39	18.54	19.47	20.45	19.68	20.58	21.51	20.67	21.77	22.83
	HI PR	218	234	251	229	246	263	244	262	278	259	277	296	278	296	315	297	317	337	321	341	360	343	367	389
	LO PR	36	36	36	46	46	47	58	58	59	71	72	72	86	87	87	103	103	104	120	121	122	134	137	139

Low Heat HCH960GKA100 Size Outdoor With FCM4X60**** Indoor Heating

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		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†	13.79	12.92	11.96	19.15	18.31	17.40	24.49	23.67	22.80	29.80	29.00	28.14	36.08	34.42	33.48	40.54	39.95	39.39	44.95	44.27	43.59	49.50	48.72	47.92
	T/R	8.30	7.80	7.20	12.10	11.50	10.90	16.10	15.60	15.00	20.60	20.00	19.40	26.20	24.90	24.20	31.00	30.50	30.00	36.30	35.70	35.10	42.40	41.70	40.90
	AMPS*	10.98	11.66	12.33	11.28	11.97	12.66	11.59	12.28	12.98	11.92	12.61	13.32	12.45	13.00	13.71	12.82	13.55	14.32	13.26	13.98	14.75	13.64	14.38	15.15
	HI PR	208	223	238	221	236	252	236	252	268	253	270	287	276	291	308	298	317	336	323	342	362	348	368	389
	LO PR	40	40	40	51	52	52	64	64	65	78	79	79	94	95	95	112	112	113	132	132	133	153	154	154
1300	MBh†	13.90	13.05	12.10	19.28	18.48	17.58	24.66	23.90	23.03	30.03	29.25	28.40	36.33	34.85	33.81	40.82	40.23	39.64	45.32	44.63	43.93	49.97	49.19	48.39
	T/R	7.70	7.30	6.70	11.20	10.70	10.20	15.00	14.50	14.00	19.20	18.60	18.00	24.40	23.30	22.60	28.80	28.40	27.90	33.80	33.20	32.60	39.50	38.80	38.10
	AMPS*	10.98	11.67	12.36	11.25	11.94	12.64	11.52	12.22	12.93	11.81	12.50	13.21	12.28	12.86	13.55	12.60	13.33	14.10	13.00	13.72	14.47	13.32	14.05	14.79
	HI PR	207	222	237	219	234	250	233	249	265	249	266	283	271	286	303	291	309	329	314	333	353	338	358	377
	LO PR	40	40	40	51	51	52	64	64	65	78	79	79	94	95	95	112	112	113	131	132	133	153	153	154
1400	MBh†	14.01	13.18	12.23	19.43	18.65	17.74	24.85	24.09	23.22	30.25	29.49	28.63	36.55	35.93	34.10	41.08	40.50	39.89	45.65	44.95	44.25	50.35	49.56	48.74
	T/R	7.20	6.80	6.30	10.50	10.10	9.50	14.00	13.60	13.10	17.90	17.40	16.90	22.80	22.30	21.10	26.90	26.50	26.00	31.60	31.10	30.50	37.00	36.30	35.60
	AMPS*	10.99	11.69	12.39	11.23	11.93	12.64	11.46	12.17	12.89	11.72	12.42	13.13	12.15	12.86	13.43	12.43	13.16	13.92	12.79	13.50	14.25	13.08	13.78	14.52
	HI PR	206	220	236	217	233	248	230	246	263	245	262	279	265	283	298	284	303	322	307	326	345	329	348	368
	LO PR	40	40	40	51	51	52	64	64	65	78	79	79	94	94	95	112	112	113	131	132	132	152	153	154
1600	MBh†	14.24	13.42	12.46	19.70	18.93	18.02	25.18	24.42	23.56	30.65	29.88	29.04	36.90	36.34	34.64	41.51	40.91	40.32	46.23	45.51	44.77	50.92	50.14	49.35
	T/R	6.40	6.10	5.60	9.30	8.90	8.50	12.40	12.00	11.60	15.90	15.50	15.00	20.10	19.80	18.80	23.80	23.40	23.00	28.00	27.50	27.00	32.70	32.20	31.60
	AMPS*	11.04	11.75	12.46	11.23	11.94	12.65	11.41	12.12	12.84	11.61	12.31	13.03	11.96	12.68	13.26	12.18	12.90	13.65	12.41	13.16	13.92	12.72	13.41	14.13
	HI PR	204	219	234	214	230	246	226	242	259	239	256	273	257	275	290	274	293	312	293	313	333	315	334	354
	LO PR	40	40	40	51	51	52	64	64	64	78	78	79	94	94	95	111	112	112	131	131	132	152	152	153

† 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 GKA1 Model Size	Used On GKA2 Model Size
NASA001LS	Liquid Line Solenoid Valve, HP, R–22 or R–410A	ALL	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL	ALL
NASA001SF	Support Feet, 4” (102mm) tall	ALL	ALL
NASA00106SS	Snow Stand Kit	ALL	ALL
NASA010SC	Hard Start Kit (Capacitor & Relay)	24	N/A
NASA011SC	Hard Start Kit (Capacitor & Relay)	36	N/A
NASA012SC	Hard Start Kit (Capacitor & Relay)	48	24, 36
NASA013SC	Hard Start Kit (Capacitor & Relay)	60	N/A
NASA015SC	Hard Start Kit (Capacitor & Relay)	N/A	48, 60
WALL CONTROL			
TSTAT0101SC	Observer™ Self Configuring Communicating Wall Control	ALL	ALL