



HCH6

Product Specifications

HIGH EFFICIENCY 16 SEER TWO-STAGE HEAT PUMP WITH ION™ COMMUNICATING SYSTEM 2 THRU 5 TONS SPLIT SYSTEM

208/230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

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

PERFORMANCE

- Self configuring installation capabilities with Ion® System Control
- Outdoor temperature sensor factory installed
- Ball Bearing PSC Fan Motors on all models
- High performance compressor sound shield standard
- Isolation compressor grommets

EASY TO INSTALL AND SERVICE

- Text based diagnostics with the Ion® System 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

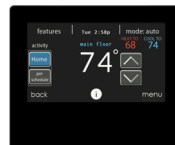
BUILT TO LAST

- 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.



SYST0101CW
Recommended
(sold separately)



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



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

Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)
HCH624GKA1	2	24,000	16.4	25	40-1/8 x 35 x 35 (1019 x 889 x 889)	292 / 249(132 / 113)
HCH624GKA3	2	24,000	16.2	25	40-1/8 x 35 x 35 (1019 x 889 x 889)	292 / 249(132 / 113)
HCH636GKA1	3	36,000	21.8	35	40-1/8 x 35 x 35 (1105 x 889 x 889)	313 / 270 (142 / 123)
HCH636GKA2	3	36,000	23.7	40	40-1/8 x 35 x 35 (1019 x 889 x 889)	313 / 270 (142 / 123)
HCH648GKA1	4	48,000	34.8	50	40-1/8 x 35 x 35 (1191 x 889 x 889)	345 / 302 (157 / 137)
HCH648GKA2	4	48,000	29.8	50	40-1/8 x 35 x 35 (1019 x 889 x 889)	345 / 302 (157 / 137)
HCH660GKA1	5	60,000	30.1	50	46-7/8 x 35 x 35 (1191 x 889 x 889)	369 / 323 (167 / 147)
HCH660GKA2	5	60,000	37.5	60	46-7/8 x 35 x 35 (1191 x 889 x 889)	369 / 323 (167 / 147)

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	6	24	G	K	A	2	0	0									
H = ACiQ Mainline	BRANDING																			
C = Communicating																				
A = Air Conditioner	KEY CHARACTERISTIC																			
H = Heat Pump												TYPE								
6 = 16 SEER 7 = 17 SEER 8 = 18 SEER 9 = 19 SEER																				
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	CH
N = Non-Branded		PRODUCT GROUP						
A = Accessory								
S = Split System (AC & HP)		KIT USAGE						
A = Original		MAJOR SERIES						
B = 2nd Generation								
0 = Generic or Not Applicable								
2 = R-22		REFRIGERANT						
4 = R-410A								
Product Identifier Number								
Package Quantity								
Type of Kit (Example: CH = Crankcase Heater)								



Model Size HCH6	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	15-1/4	16-1/2	15-1/2	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	17-1/4	18	18	35 x 35	36-1/8 x 39-1/4 x 46-1/8
36GKA1	35	40-1/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	16-3/8	16-1/4	15-5/8	35 x 35	36-1/8 x 39-1/4 x 46-1/8
36GKA2	35	40-1/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	18-1/2	18-3/4	35 x 35	36-1/8 x 39-1/4 x 46-1/8
48GKA1	35	40-1/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	16-1/2	15-1/4	35 x 35	36-1/8 x 39-1/4 x 46-1/8
48GKA2	35	40-1/8	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17-1/2	18-1/4	20	35 x 35	36-1/8 x 39-1/4 x 46-1/8
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	16-1/4	17-3/8	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	16-1/2	17-1/8	21	35 x 35	36-1/8 x 39-1/4 x 50-13/16



PHYSICAL DATA					
Model Size		24	36	48	60
Nominal Cooling Capacity (BTU/hr)		24,000	36,000	48,000	60,000
SEER Rating‡		17.0	17.0	16.0	16.0
Sound Rating**, High Stage (dBA)		72	73	72	72
Low Stage (dBA)		68	70	71	72
PSC Fan Motor HP		1/12	1/12	1/4	1/4
Fan RPM		800	800	825	825
Fan CFM		3200	3200	4350	5000
Coil Face Area (ft ²)		25.15	25.15	25.15	30.18
Coil Rows – fins per inch		2–20	2–20	2–20	2–20
Low Pressure Switch	Open Pressure	23 ± 5 PSIG	23 ± 5 PSIG	23 ± 5 PSIG	23 ± 5 PSIG
	Close Pressure	55 ± 5 PSIG	55 ± 5 PSIG	55 ± 5 PSIG	55 ± 5 PSIG
Hi Pressure Switch	Open Pressure	670 ± 10 PSIG	670 ± 10 PSIG	670 ± 10 PSIG	670 ± 10 PSIG
	Close Pressure	470 ± 25 PSIG	470 ± 25 PSIG	470 ± 25 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)		13.07 (5.93)	13.70 (6.21)	13.73(6.23)	14.78 (6.70)
Required Subcooling ° F (° C)		10 (5.6)	13 (7.2)	12 (6.7)	11 (6.1)
Outdoor Unit Factory Piston Size (used in Outdoor Unit for heating mode)		46	55	61	67

ELECTRICAL DATA (208–230–1–60, voltage range 197V – 253V)								
Model Size	24GKA1	24GKA3	36GKA1	36GKA2	48GKA1	48GKA2	60GKA1	60GKA2
Minimum Circuit Ampacity – MCA (amps)	16.4	16.2	21.8	23.7	34.8	29.8	30.1	37.5
Maximum OverCurrent Protective device – MOCP (amps)	25	25	35	40	50	50	50	60
Compressor RLA (Rated Load Amps)	12.7	12.5	16.7	18.5	26.9	22.8	23.0	28.8
LRA (Locked Rotor Amps)	52.0	58.3	82.0	83.0	96.0	104.0	118.0	152.9
Fan Motor FLA (Full Load Amps)	0.5	0.6	0.9	0.6	1.3	1.3	1.4	1.5

‡ 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

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS																	Indoor Models					
AHRI STANDARD RATINGS																						
Unit Size	Indoor Model *Model Tested	Furnace Model	Cooling						Heating													
			Capacity		SEER	EER	ID CFM		High Temp				Low Temp									
			High	Low			High	Low	Capacity		COP		Capacity		COP							
									High	Low	High	Low	High	Low	High	Low	High	Low				
HCH624GKA1	*FVM4X24****		23800	20200	16.5	13.0	700	560	25400	17700	3.82	3.82	15300	9500	2.72	2.18	9.0					
HCH624GKA3	*FVM4X24****		24000	21000	17.0	13.0	700	560	25000	17900	3.90	3.84	15300	10100	2.74	2.32	9.0					
HCH636GKA1	*FVM4X60****		36400	28600	17.0	13.2	1050	840	35600	23800	4.06	4.06	22200	12200	2.94	2.28	9.5					
HCH636GKA2	*FVM4X60****		36400	30800	17.0	13.3	1050	840	35800	25200	4.06	4.10	22600	15300	3.00	2.60	9.5					
HCH648GKA1	*FVM4X48****		46500	38000	16.0	12.5	1400	1120	47000	33200	3.60	3.80	29400	20200	2.78	2.54	9.0					
HCH648GKA2	*FVM4X48****		47000	39000	16.0	12.5	1400	1120	47000	33000	3.68	3.70	29200	19400	2.72	2.34	9.0					
HCH660GKA1	*FCM4X60****		56500	45500	15.7	12.5	1750	1400	58000	41000	3.78	3.86	36600	25000	2.78	2.48	9.1					
HCH660GKA2	*FVM4X60****		56500	46000	16.0	12.5	1750	1400	58000	39500	3.72	3.76	36000	23400	2.76	2.38	9.0					
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

EER — Energy Efficiency Ratio — 'A' conditions — 80°F (26.6°C) indoor db/67°F (19.4°C) outdoor 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 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, HCH624GKA100 Outdoor With FVM4X24** 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
600	MBh†	20.78	22.09	22.44	24.33	26.81	20.01	21.09	21.42	23.23	25.59	19.19	20.03	20.33	22.06	24.31	18.30	18.90	19.17	20.82	22.95	17.34	17.71	17.93	19.49	21.50
	S/T‡	1.00	0.87	0.70	0.68	0.52	1.00	0.88	0.72	0.69	0.52	1.00	0.90	0.73	0.70	0.53	1.00	0.93	0.74	0.72	0.54	1.00	0.95	0.76	0.73	0.54
	AMPS*	6.50	6.55	6.56	6.63	6.73	7.18	7.23	7.24	7.31	7.41	7.91	7.95	7.96	8.04	8.13	8.70	8.73	8.75	8.83	8.93	9.60	9.62	9.64	9.72	9.83
	HI PR	254	256	256	259	262	295	297	298	301	305	342	344	344	348	352	394	396	396	400	404	453	454	455	459	464
	LO PR	114	121	122	132	144	117	123	124	134	146	120	125	126	136	148	124	127	129	139	151	128	130	131	141	153
650	MBh†	21.43	22.53	22.89	24.81	27.31	20.63	21.50	21.83	23.66	26.05	19.77	20.41	20.70	22.46	24.73	18.84	19.25	19.50	21.17	23.33	17.84	18.04	18.22	19.80	21.83
	S/T‡	1.00	0.89	0.72	0.69	0.52	1.00	0.91	0.73	0.70	0.53	1.00	0.93	0.74	0.72	0.54	1.00	0.95	0.76	0.73	0.54	1.00	0.98	0.78	0.75	0.55
	AMPS*	6.55	6.60	6.61	6.68	6.78	7.24	7.27	7.29	7.36	7.46	7.96	7.99	8.01	8.08	8.18	8.76	8.78	8.79	8.87	8.98	9.65	9.67	9.68	9.77	9.88
	HI PR	255	256	257	260	263	296	298	299	302	305	343	344	345	348	353	395	396	397	401	405	454	455	456	460	464
	LO PR	117	123	124	134	146	120	125	126	136	148	124	127	129	138	151	127	130	131	141	153	131	132	133	143	155
700	MBh†	22.04	22.93	23.28	25.22	27.75	21.20	21.87	22.18	24.05	26.46	20.30	20.75	21.02	22.80	25.10	19.33	19.58	19.79	21.48	23.66	18.29	18.35	18.48	20.08	22.13
	S/T‡	1.00	0.91	0.73	0.71	0.53	1.00	0.93	0.74	0.72	0.54	1.00	0.95	0.76	0.73	0.54	1.00	0.97	0.78	0.75	0.55	1.00	1.00	0.80	0.77	0.56
	AMPS*	6.61	6.64	6.66	6.73	6.83	7.29	7.32	7.33	7.41	7.50	8.02	8.04	8.05	8.13	8.23	8.81	8.82	8.83	8.91	9.02	9.71	9.71	9.72	9.81	9.92
	HI PR	256	257	257	260	264	297	299	299	302	306	344	345	346	349	353	396	397	398	401	406	456	456	456	460	465
	LO PR	121	125	127	136	148	124	127	129	138	151	127	129	131	141	153	130	132	133	143	155	134	135	135	145	157
800	MBh†	23.11	23.63	23.93	25.92	28.51	22.21	22.53	22.78	24.68	27.15	21.24	21.39	21.56	23.37	25.72	20.20	20.23	20.27	21.99	24.21	19.08	19.11	18.90	20.52	22.61
	S/T‡	1.00	0.95	0.76	0.73	0.54	1.00	0.97	0.77	0.75	0.55	1.00	0.99	0.79	0.76	0.56	1.00	1.00	0.81	0.79	0.57	1.00	1.00	0.83	0.81	0.58
	AMPS*	6.71	6.73	6.74	6.82	6.92	7.39	7.40	7.41	7.49	7.59	8.11	8.12	8.13	8.21	8.31	8.91	8.91	8.91	8.99	9.10	9.80	9.80	9.80	9.88	9.99
	HI PR	257	258	258	261	265	299	300	300	303	307	346	346	347	350	354	398	398	398	402	407	457	457	457	461	466
	LO PR	126	129	130	140	152	129	131	132	142	154	133	133	134	144	156	136	136	136	146	159	140	140	138	148	161

Low Cool, HCH624GKA100 Outdoor With FVM4X24** 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
480	MBh†	17.44	16.79	17.09	18.75	20.92	14.10	14.72	14.97	16.45	18.36	12.34	12.74	12.94	14.24	15.91	10.63	10.85	10.99	12.12	13.56	9.00	9.07	9.15	10.12	11.34
	S/T‡	1.00	0.89	0.72	0.69	0.52	1.00	0.91	0.73	0.70	0.53	1.00	0.94	0.75	0.72	0.53	1.00	0.96	0.77	0.73	0.54	1.00	0.99	0.79	0.76	0.55
	AMPS*	4.27	4.18	4.19	4.24	4.29	4.96	4.97	4.98	5.03	5.08	5.88	5.90	5.90	5.95	6.01	6.99	7.00	7.01	7.05	7.11	8.34	8.34	8.35	8.40	8.47
	HI PR	247	246	246	249	252	285	286	286	289	293	330	331	331	334	338	380	381	382	385	389	437	438	438	442	446
	LO PR	128	124	125	135	146	122	126	127	137	148	125	128	130	139	151	129	131	132	142	153	133	134	135	144	156
520	MBh†	16.47	17.17	17.46	19.15	21.35	14.58	15.05	15.29	16.79	18.73	12.74	13.02	13.20	14.52	16.21	10.98	11.09	11.20	12.35	13.81	9.28	9.30	9.32	10.30	11.54
	S/T‡	1.00	0.91	0.74	0.70	0.53	1.00	0.93	0.75	0.72	0.53	1.00	0.96	0.77	0.73	0.54	1.00	0.98	0.78	0.75	0.55	1.00	1.00	0.81	0.78	0.56
	AMPS*	4.19	4.21	4.22	4.27	4.33	4.99	5.01	5.02	5.06	5.12	5.92	5.93	5.93	5.98	6.04	7.02	7.03	7.04	7.09	7.15	8.38	8.38	8.38	8.44	8.50
	HI PR	245	246	247	249	252	286	287	287	290	293	331	332	332	335	339	381	382	382	386	390	438	438	439	442	447
	LO PR	122	126	127	137	149	125	128	129	139	151	129	131	132	141	153	132	133	134	144	156	136	137	136	146	158
560	MBh†	16.97	17.51	17.78	19.51	21.74	15.01	15.35	15.56	17.09	19.05	13.12	13.28	13.42	14.77	16.48	11.29	11.32	11.39	12.55	14.03	9.54	9.56	9.46	10.46	11.71
	S/T‡	1.00	0.93	0.75	0.72	0.53	1.00	0.95	0.76	0.73	0.54	1.00	0.98	0.78	0.75	0.55	1.00	1.00	0.80	0.77	0.56	1.00	1.00	0.83	0.79	0.57
	AMPS*	4.23	4.25	4.25	4.30	4.37	5.03	5.04	5.05	5.10	5.15	5.96	5.96	5.97	6.02	6.08	7.06	7.07	7.07	7.12	7.18	8.42	8.42	8.42	8.47	8.53
	HI PR	246	247	247	249	253	287	287	288	290	294	332	332	333	336	339	382	383	383	386	390	439	439	439	443	447
	LO PR	125	128	129	139	151	128	130	131	141	153	132	133	133	143	155	135	135	136	146	157	139	139	138	148	160
640	MBh†	17.87	18.12	18.33	20.10	22.38	15.79	15.90	16.02	17.59	19.60	13.77	13.80	13.80	15.17	16.92	11.84	11.86	11.69	12.88	14.38	9.99	10.01	9.70	10.71	11.99
	S/T‡	1.00	0.97	0.78	0.75	0.55	1.00	0.99	0.79	0.76	0.56	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.84	0.81	0.58	1.00	1.00	0.87	0.84	0.59
	AMPS*	4.32	4.33	4.33	4.39	4.45	5.12	5.12	5.13	5.17	5.23	6.04	6.05	6.05	6.09	6.15	7.15	7.15	7.15	7.20	7.26	8.52	8.51	8.50	8.55	8.61
	HI PR	247	248	248	251	254	288	288	288	291	295	333	333	333	336	340	384	384	384	387	391	441	441	440	444	448
	LO PR	131	132	133	143	155	134	134	135	145	157	137	137	137	147	159	140	141	139	149	161	144	144	141	151	163

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

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

* System amps are total of indoor and outdoor amps

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

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

EXPANDED COOLING PERFORMANCE RATINGS For 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, HCH636GKA100 Outdoor With FVM4X60** 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†	32.06	34.14	34.91	37.94	42.13	30.95	32.62	33.36	36.28	40.33	29.77	31.03	31.72	34.54	38.42	28.50	29.35	29.99	32.68	36.41	27.15	27.58	28.17	30.73	34.28
	S/T‡	1.00	0.87	0.70	0.67	0.51	1.00	0.88	0.71	0.68	0.51	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.97	0.76	0.73	0.53
	AMPS*	9.25	9.33	9.36	9.48	9.63	10.25	10.32	10.35	10.46	10.61	11.33	11.38	11.40	11.51	11.67	12.49	12.53	12.55	12.67	12.84	13.79	13.81	13.84	13.96	14.14
	HI PR	256	258	258	261	265	297	299	300	302	306	342	343	344	347	351	391	392	393	397	401	446	446	447	451	456
	LO PR	121	128	130	140	153	124	130	132	143	156	128	133	135	145	158	132	135	137	148	161	136	138	140	150	164
975	MBh†	33.10	34.80	35.57	38.64	42.89	31.94	33.24	33.96	36.92	41.01	30.70	31.59	32.27	35.10	39.04	29.38	29.87	30.48	33.19	36.97	27.97	28.09	28.59	31.18	34.78
	S/T‡	1.00	0.89	0.71	0.69	0.51	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.53	1.00	0.96	0.76	0.73	0.53	1.00	0.99	0.78	0.75	0.55
	AMPS*	9.33	9.40	9.42	9.54	9.70	10.34	10.39	10.41	10.52	10.68	11.40	11.44	11.46	11.58	11.74	12.57	12.59	12.62	12.74	12.91	13.87	13.88	13.90	14.02	14.21
	HI PR	257	258	259	262	265	298	299	300	303	307	343	344	345	348	352	393	393	394	397	402	447	447	448	451	457
	LO PR	125	130	132	143	156	128	132	135	145	158	132	135	137	147	161	135	137	139	150	163	140	140	142	152	166
1050	MBh†	34.06	35.39	36.15	39.25	43.55	32.84	33.78	34.48	37.46	41.61	31.55	32.10	32.74	35.60	39.59	30.18	30.36	30.90	33.63	37.45	28.71	28.76	28.97	31.56	35.20
	S/T‡	1.00	0.91	0.73	0.70	0.52	1.00	0.93	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	1.00	1.00	0.81	0.78	0.56
	AMPS*	9.41	9.46	9.49	9.61	9.76	10.42	10.45	10.47	10.58	10.74	11.48	11.50	11.52	11.64	11.80	12.65	12.65	12.68	12.80	12.97	13.95	13.95	13.96	14.08	14.27
	HI PR	258	259	260	263	266	299	300	301	303	308	344	345	345	348	353	394	394	394	398	403	448	448	448	452	457
	LO PR	128	132	134	145	158	131	134	137	147	160	135	137	139	149	163	139	139	141	151	165	143	143	143	154	168
1200	MBh†	35.76	36.40	37.10	40.23	44.63	34.45	34.75	35.36	38.36	42.59	33.06	33.11	33.52	36.40	40.46	31.58	31.63	31.60	34.35	38.24	30.00	30.04	29.58	32.20	35.88
	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*	9.56	9.59	9.61	9.73	9.89	10.56	10.57	10.59	10.70	10.87	11.62	11.62	11.63	11.75	11.92	12.79	12.79	12.79	12.91	13.09	14.09	14.09	14.07	14.20	14.39
	HI PR	260	260	261	263	267	301	301	302	304	309	346	346	346	350	354	396	396	395	399	404	450	450	449	453	458
	LO PR	134	136	138	148	162	137	138	140	150	164	141	141	142	152	166	144	145	144	155	168	148	149	146	157	171

Low Cool, HCH636GKA100 Outdoor With FVM4X60** 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†	24.78	25.74	26.31	28.79	32.28	21.85	22.41	22.89	25.06	28.14	19.05	19.29	19.67	21.56	24.23	16.40	16.43	16.65	18.27	20.57	13.88	13.91	13.85	15.21	17.17
	S/T‡	1.00	0.91	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*	6.00	5.97	5.96	5.92	5.88	6.92	6.91	6.90	6.84	6.77	7.96	7.95	7.94	7.86	7.77	9.16	9.15	9.14	9.04	8.92	10.55	10.55	10.56	10.43	10.27
	HI PR	245	246	246	248	251	284	285	285	288	291	328	328	329	332	335	376	376	377	380	384	430	430	430	433	436
	LO PR	130	134	136	146	160	134	136	138	149	163	138	139	141	151	165	142	142	143	154	168	147	147	146	157	171
780	MBh†	25.58	26.23	26.78	29.30	32.86	22.54	22.84	23.28	25.49	28.61	19.64	19.69	19.98	21.90	24.61	16.89	16.92	16.90	18.54	20.88	14.29	14.32	14.04	15.42	17.40
	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	0.78	0.56	1.00	1.00	0.85	0.82	0.58
	AMPS*	6.00	5.99	5.98	5.94	5.90	6.92	6.92	6.91	6.85	6.78	7.96	7.96	7.95	7.87	7.78	9.14	9.14	9.15	9.05	8.93	10.53	10.53	10.56	10.43	10.27
	HI PR	245	246	246	249	252	285	285	286	288	292	329	329	329	332	336	377	377	377	380	384	431	431	430	433	437
	LO PR	134	136	138	148	162	137	139	140	151	165	141	141	143	153	167	145	146	145	156	170	150	150	148	158	173
840	MBh†	26.32	26.70	27.20	29.76	33.36	23.18	23.26	23.62	25.86	29.02	20.18	20.22	20.26	22.20	24.94	17.34	17.37	17.12	18.78	21.13	14.66	14.68	14.21	15.61	17.60
	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*	6.01	6.00	5.99	5.95	5.91	6.93	6.93	6.92	6.86	6.80	7.96	7.95	7.96	7.88	7.79	9.14	9.14	9.16	9.06	8.94	10.52	10.52	10.57	10.44	10.28
	HI PR	246	246	247	249	252	286	286	286	289	292	330	330	330	333	336	378	378	378	381	385	432	432	430	434	437
	LO PR	137	138	140	150	164	140	141	142	153	167	144	145	144	155	169	148	149	147	157	172	153	153	149	160	174
960	MBh†	27.65	27.70	27.90	30.50	34.18	24.31	24.36	24.19	26.47	29.69	21.14	21.18	20.72	22.69	25.48	18.14	18.17	17.49	19.18	21.56	15.31	15.34	14.51	15.92	17.93
	S/T‡	1.00	1.00	0.80	0.77	0.55	1.00	1.00	0.83	0.80	0.57	1.00	1.00	0.86	0.82	0.58	1.00	1.00	0.89	0.86	0.60	1.00	1.00	0.93	0.90	0.62
	AMPS*	6.03	6.03	6.02	5.99	5.95	6.94	6.94	6.95	6.89	6.83	7.96	7.96	7.98	7.91	7.82	9.13	9.13	9.18	9.08	8.96	10.51	10.51	10.58	10.46	10.30
	HI PR	247	247	248	250	253	287	287	287	290	293	331	331	331	333	337	380	380	378	381	385	433	433	431	434	438
	LO PR	142	143	143	154	168	146	146	145	156	170	150	150	147	158	172	154	154	149	160	175	158	158	152	163	177

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

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

* System amps are total of indoor and outdoor amps

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

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

EXPANDED COOLING PERFORMANCE RATINGS For GKA100 Outdoor / Indoor ModelsFor 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, HCH648GKA100 Outdoor With FVM4X48** 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†	42.47	45.12	46.10	50.00	55.43	41.08	43.27	44.20	47.96	53.18	39.57	41.27	42.14	45.75	50.78	37.92	39.11	39.91	43.37	48.18	36.11	36.79	37.50	40.79	45.36
	S/T‡	1.00	0.87	0.70	0.67	0.50	1.00	0.88	0.71	0.68	0.51	1.00	0.90	0.72	0.69	0.51	1.00	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53
	AMPS*	13.03	13.12	13.16	13.31	13.51	14.37	14.45	14.49	14.64	14.85	15.82	15.90	15.93	16.09	16.32	17.43	17.49	17.52	17.69	17.93	19.23	19.27	19.30	19.48	19.73
	HI PR	258	260	260	263	267	299	301	301	305	309	344	346	347	350	355	394	395	396	400	406	448	449	450	454	460
	LO PR	119	125	128	137	150	122	128	130	139	152	125	130	132	142	155	129	132	134	144	158	133	135	137	147	160
1300	MBH†	43.73	45.91	46.86	50.82	56.31	42.28	43.99	44.90	48.70	54.00	40.70	41.93	42.77	46.43	51.51	38.96	39.73	40.47	43.97	48.83	37.07	37.39	38.00	41.31	45.93
	S/T‡	1.00	0.89	0.71	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	0.98	0.78	0.75	0.54
	AMPS*	13.17	13.25	13.28	13.44	13.64	14.51	14.58	14.61	14.77	14.99	15.97	16.02	16.06	16.22	16.45	17.58	17.62	17.65	17.83	18.07	19.38	19.40	19.43	19.61	19.87
	HI PR	259	260	261	264	268	300	301	302	305	310	345	347	347	351	356	395	396	397	401	406	450	450	451	455	461
	LO PR	122	128	130	140	153	125	130	132	142	155	129	132	134	144	157	132	134	136	146	160	136	137	139	149	162
1400	MBH†	44.88	46.59	47.52	51.52	57.08	43.36	44.63	45.50	49.35	54.69	41.71	42.54	43.31	47.00	52.13	39.91	40.30	40.95	44.47	49.39	37.96	38.02	38.42	41.76	46.41
	S/T‡	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.95	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*	13.31	13.38	13.41	13.56	13.79	14.66	14.71	14.74	14.89	15.12	16.11	16.15	16.18	16.35	16.58	17.73	17.75	17.77	17.95	18.19	19.53	19.54	19.55	19.74	19.99
	HI PR	260	261	261	264	268	301	302	303	306	311	346	347	348	352	357	396	397	397	402	407	451	451	451	456	462
	LO PR	125	130	132	141	155	128	132	134	144	157	132	134	136	146	159	135	136	138	148	161	139	139	140	150	164
1600	MBH†	46.88	47.78	48.60	52.67	58.32	45.26	45.76	46.47	50.37	55.81	43.49	43.66	44.19	47.92	53.14	41.57	41.63	41.73	45.30	50.27	39.48	39.53	39.09	42.46	47.18
	S/T‡	1.00	0.96	0.76	0.73	0.53	1.00	0.97	0.77	0.75	0.54	1.00	0.99	0.79	0.76	0.55	1.00	1.00	0.81	0.79	0.56	1.00	1.00	0.84	0.81	0.57
	AMPS*	13.58	13.62	13.64	13.80	14.03	14.93	14.95	14.97	15.13	15.37	16.39	16.40	16.42	16.59	16.83	18.01	18.01	18.01	18.20	18.44	19.82	19.82	19.79	19.98	20.24
	HI PR	261	262	262	265	269	303	303	304	307	312	348	349	349	353	358	398	399	399	403	408	453	453	453	457	463
	LO PR	131	133	135	145	158	134	135	136	147	160	137	137	138	149	162	140	141	141	151	164	144	145	143	153	167

Low Cool, HCH648GKA100 Outdoor With FVM4X48** 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†	32.99	34.40	35.17	38.47	43.00	29.78	30.74	31.40	34.37	38.44	26.62	27.19	27.74	30.40	34.01	23.54	23.77	24.20	26.54	29.73	20.55	20.59	20.78	22.82	25.61
	S/T‡	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.95	0.76	0.73	0.53	1.00	0.98	0.78	0.74	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	8.75	8.73	8.72	8.68	8.63	10.16	10.14	10.12	10.05	9.97	11.77	11.74	11.72	11.61	11.50	13.61	13.59	13.57	13.43	13.28	15.77	15.76	15.75	15.58	15.38
	HI PR	247	248	249	251	254	288	288	289	292	295	332	333	333	336	339	380	381	381	384	388	433	433	434	437	441
	LO PR	127	132	134	144	157	130	134	136	146	159	134	136	138	148	161	138	139	140	151	164	142	142	143	153	167
1040	MBH†	34.03	35.04	35.77	39.13	43.70	30.70	31.31	31.92	34.92	39.03	27.43	27.70	28.18	30.85	34.51	24.24	24.28	24.55	26.91	30.14	21.14	21.18	21.08	23.12	25.94
	S/T‡	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	1.00	1.00	0.82	0.79	0.56
	AMPS*	8.78	8.77	8.76	8.72	8.67	10.19	10.17	10.16	10.09	10.02	11.78	11.77	11.76	11.65	11.54	13.62	13.61	13.60	13.47	13.32	15.77	15.77	15.78	15.61	15.42
	HI PR	248	249	249	252	255	288	289	290	292	295	333	333	334	336	340	381	381	381	384	388	434	434	434	437	441
	LO PR	131	134	136	146	159	134	136	138	148	161	137	138	140	150	163	141	141	142	152	166	145	145	144	155	168
1120	MBH†	34.98	35.63	36.29	39.68	44.30	31.53	31.84	32.37	35.39	39.55	28.16	28.21	28.55	31.24	34.93	24.87	24.91	24.86	27.22	30.49	21.67	21.70	21.33	23.38	26.28
	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*	8.82	8.81	8.80	8.77	8.72	10.22	10.21	10.21	10.13	10.06	11.80	11.80	11.79	11.69	11.58	13.63	13.63	13.64	13.51	13.36	15.78	15.77	15.82	15.64	15.46
	HI PR	249	249	250	252	255	289	290	290	293	296	334	334	334	337	340	382	382	382	385	389	435	435	434	438	442
	LO PR	134	136	137	148	161	137	138	139	150	163	140	140	141	152	165	144	144	143	154	168	148	148	146	156	170
1280	MBH†	36.65	36.73	37.16	40.58	45.30	33.00	33.05	33.10	36.15	40.38	29.43	29.48	29.17	31.87	35.62	25.96	26.00	25.37	27.75	31.05	22.59	22.63	21.74	23.80	26.66
	S/T‡	1.00	1.00	0.80	0.77	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	0.86	0.83	0.58	1.00	1.00	0.89	0.86	0.60
	AMPS*	8.90	8.90	8.89	8.86	8.82	10.29	10.29	10.29	10.22	10.15	11.86	11.86	11.87	11.78	11.67	13.68	13.67	13.72	13.59	13.44	15.81	15.81	15.89	15.72	15.54
	HI PR	250	250	251	253	256	291	291	291	293	297	335	335	335	337	341	383	384	383	386	390	437	437	435	438	443
	LO PR	139	139	140	151	164	142	142	142	153	166	146	146	144	155	168	149	149	146	157	170	153	153	148	159	173

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

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

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor

coil air from MBHxS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBHxS/T for each degree above 80 F

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

EXPANDED COOLING PERFORMANCE RATINGS For 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 HCH660GKA100 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†	51.82	54.67	55.83	60.36	66.60	50.23	52.51	53.60	57.94	63.93	48.45	50.14	51.18	55.31	61.00	46.47	47.58	48.50	52.40	57.78	44.25	44.76	45.56	49.21	54.25
	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	0.77	0.74	0.54
	AMPS*	15.40	15.52	15.57	15.78	16.07	17.05	17.16	17.20	17.41	17.70	18.82	18.91	18.95	19.17	19.47	20.76	20.82	20.87	21.09	21.39	22.91	22.94	22.98	23.21	23.52
	HI PR	259	260	261	264	268	300	302	302	306	310	345	347	348	351	356	395	396	397	401	406	449	450	451	455	460
	LO PR	120	126	128	138	152	123	128	130	140	154	127	131	133	143	156	130	133	135	145	159	134	136	138	148	162
1625	MBh†	53.29	55.54	56.67	61.24	67.55	51.61	53.30	54.38	58.75	64.78	49.73	50.89	51.86	56.01	61.74	47.66	48.25	49.10	53.01	58.44	45.34	45.43	46.07	49.73	54.79
	S/T‡	1.00	0.90	0.72	0.69	0.51	1.00	0.92	0.73	0.71	0.52	1.00	0.94	0.75	0.72	0.53	1.00	0.97	0.77	0.74	0.54	1.00	1.00	0.79	0.76	0.55
	AMPS*	15.61	15.71	15.75	15.97	16.26	17.26	17.34	17.38	17.59	17.90	19.03	19.09	19.13	19.35	19.65	20.97	21.01	21.05	21.27	21.58	23.12	23.12	23.15	23.39	23.70
	HI PR	260	261	262	265	268	301	302	303	306	311	347	348	348	352	357	396	397	398	402	407	451	451	451	455	461
	LO PR	124	128	131	141	154	127	130	133	143	156	130	133	135	145	158	134	135	137	147	161	138	138	139	150	164
1750	MBh†	54.61	56.30	57.41	62.00	68.36	52.85	54.02	55.03	59.43	65.49	50.91	51.55	52.43	56.60	62.37	48.73	48.92	49.60	53.53	58.98	46.29	46.36	46.49	50.15	55.23
	S/T‡	1.00	0.93	0.74	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	0.99	0.79	0.76	0.55	1.00	1.00	0.81	0.79	0.56
	AMPS*	15.81	15.89	15.93	16.15	16.45	17.46	17.52	17.56	17.77	18.08	19.24	19.27	19.31	19.53	19.84	21.18	21.19	21.22	21.45	21.76	23.32	23.33	23.33	23.56	23.87
	HI PR	261	262	262	265	269	302	303	304	307	311	348	348	349	352	357	398	398	398	402	407	452	452	452	456	461
	LO PR	127	130	132	143	156	130	132	134	145	158	133	135	136	147	160	137	137	138	149	163	141	141	141	151	165
2000	MBh†	56.91	57.63	58.55	63.20	69.63	55.00	55.30	56.06	60.49	66.64	52.90	52.97	53.35	57.54	63.37	50.55	50.62	50.38	54.32	59.81	47.93	47.99	47.16	50.83	55.94
	S/T‡	1.00	0.97	0.77	0.74	0.54	1.00	0.99	0.78	0.76	0.55	1.00	1.00	0.80	0.78	0.56	1.00	1.00	0.83	0.80	0.57	1.00	1.00	0.86	0.83	0.58
	AMPS*	16.21	16.24	16.28	16.50	16.81	17.86	17.87	17.90	18.12	18.43	19.63	19.63	19.64	19.87	20.18	21.57	21.58	21.56	21.79	22.10	23.72	23.72	23.66	23.89	24.21
	HI PR	262	263	263	266	270	304	304	305	308	312	350	350	350	354	358	400	400	399	403	408	454	454	453	457	462
	LO PR	132	134	135	146	159	135	136	137	148	161	139	139	139	150	163	142	142	141	152	166	146	146	143	154	168

Low Cool HCH660GKA100 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†	40.01	41.26	42.12	45.74	50.79	36.38	37.15	37.91	41.16	45.73	32.77	33.14	33.76	36.67	40.74	29.22	29.28	29.70	32.27	35.87	25.76	25.80	25.78	28.02	31.17
	S/T‡	1.00	0.93	0.74	0.71	0.52	1.00	0.95	0.75	0.73	0.53	1.00	0.98	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*	10.57	10.55	10.54	10.48	10.43	12.12	12.09	12.08	11.99	11.89	13.84	13.83	13.81	13.68	13.53	15.81	15.81	15.79	15.62	15.43	18.10	18.09	18.11	17.89	17.64
	HI PR	248	248	249	251	254	288	288	289	292	295	332	332	333	335	339	381	381	381	384	387	433	433	433	436	440
	LO PR	130	134	136	146	160	133	136	138	148	162	137	138	140	150	164	141	141	142	153	166	145	145	144	155	169
1300	MBh†	41.17	41.93	42.75	46.40	51.50	37.40	37.77	38.44	41.72	46.32	33.66	33.72	34.19	37.13	41.23	29.99	30.04	30.07	32.65	36.28	26.40	26.44	26.07	28.33	31.48
	S/T‡	1.00	0.96	0.76	0.73	0.53	1.00	0.98	0.77	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	0.85	0.82	0.58
	AMPS*	10.62	10.61	10.60	10.55	10.49	12.16	12.15	12.14	12.05	11.95	13.88	13.88	13.86	13.73	13.59	15.83	15.83	15.84	15.67	15.48	18.11	18.10	18.15	17.94	17.69
	HI PR	248	249	249	252	255	289	289	289	292	295	333	333	333	336	339	381	381	381	384	388	434	434	434	437	440
	LO PR	134	136	138	148	162	137	138	140	150	164	140	140	142	152	166	144	144	144	154	168	148	148	146	157	171
1400	MBh†	42.21	42.78	43.28	46.97	52.11	38.32	38.39	38.89	42.20	46.83	34.47	34.52	34.58	37.52	41.65	30.68	30.73	30.38	32.98	36.62	26.98	27.02	26.32	28.58	31.74
	S/T‡	1.00	0.97	0.78	0.75	0.54	1.00	1.00	0.79	0.77	0.55	1.00	1.00	0.81	0.79	0.56	1.00	1.00	0.84	0.81	0.57	1.00	1.00	0.87	0.84	0.59
	AMPS*	10.68	10.71	10.66	10.61	10.56	12.21	12.20	12.20	12.11	12.01	13.92	13.91	13.92	13.79	13.65	15.86	15.86	15.89	15.73	15.54	18.13	18.12	18.20	17.99	17.75
	HI PR	249	250	250	252	255	290	290	290	292	295	334	334	334	336	340	382	382	382	384	388	435	435	434	437	441
	LO PR	137	138	140	150	164	140	140	141	152	166	143	144	143	154	168	147	147	145	156	170	151	151	148	158	172
1600	MBh†	44.02	44.09	44.15	47.87	53.07	39.92	39.98	39.64	42.96	47.65	35.85	35.91	35.19	38.17	42.31	31.87	31.91	30.88	33.50	37.14	27.98	28.02	26.74	29.00	32.15
	S/T‡	1.00	1.00	0.82	0.79	0.56	1.00	1.00	0.83	0.81	0.57	1.00	1.00	0.86	0.83	0.59	1.00	1.00	0.89	0.86	0.60	1.00	1.00	0.92	0.90	0.62
	AMPS*	10.79	10.79	10.80	10.75	10.69	12.31	12.31	12.32	12.24	12.14	14.00	14.00	14.04	13.91	13.78	15.93	15.93	16.00	15.84	15.66	18.18	18.18	18.31	18.10	17.86
	HI PR	250	250	250	253	256	291	291	291	293	296	335	335	334	337	340	383	384	382	385	389	436	436	435	438	441
	LO PR	143	143	142	153	167	145	146	144	155	169	149	149	146	157	170	152	153	148	159	173	156	156	150	161	175

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

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

* System amps are total of indoor and outdoor amps

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

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

EXPANDED 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 HCH624GKA100 Size Outdoor With FVM4X24** Indoor Heating**

CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																							
		3			7			17			27			37			47			57			67		
		Entering Indoor Temperature Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
600	MBH†	10.00	9.56	9.07	12.95	12.45	11.93	16.20	15.85	15.44	19.22	18.81	18.41	22.54	22.07	21.61	26.19	25.66	25.15	30.23	29.65	29.07	34.57	33.94	33.31
	T/R	13.50	12.90	12.20	17.80	17.10	16.30	22.70	22.10	21.50	27.40	26.80	26.10	32.70	32.00	31.30	38.80	37.90	37.10	45.70	44.70	43.70	53.30	52.20	51.10
	AMPS*	5.45	5.75	6.04	6.24	6.55	6.88	7.11	7.48	7.85	8.03	8.43	8.84	9.08	9.51	9.96	10.33	10.79	11.28	11.79	12.31	12.84	13.59	14.16	14.75
	HI PR	232	248	265	249	266	283	269	288	306	290	309	328	315	334	353	345	364	383	380	399	418	422	442	462
	LO PR	40	40	40	51	52	52	65	65	65	80	80	81	97	98	98	116	117	117	138	138	139	161	162	162
650	MBH†	10.11	9.67	9.18	13.14	12.59	12.08	16.34	15.99	15.59	19.40	18.99	18.57	22.77	22.30	21.83	26.49	25.95	25.43	30.59	30.00	29.42	35.01	34.37	33.73
	T/R	12.60	12.00	11.40	16.70	15.90	15.30	21.10	20.60	20.10	25.50	24.90	24.30	30.50	29.80	29.10	36.20	35.40	34.60	42.70	41.70	40.80	49.80	48.80	47.80
	AMPS*	5.43	5.72	6.02	6.19	6.51	6.83	7.02	7.39	7.77	7.91	8.31	8.72	8.93	9.35	9.80	10.13	10.59	11.08	11.54	12.05	12.58	13.28	13.83	14.42
	HI PR	229	245	262	245	261	279	264	282	300	284	302	321	307	325	345	335	354	373	369	388	407	409	429	449
	LO PR	40	40	40	51	52	52	65	65	65	80	80	81	97	98	98	116	117	117	137	138	138	160	161	162
700	MBH†	10.19	9.76	9.28	13.54	12.72	12.21	16.47	16.10	15.72	19.55	19.14	18.72	22.97	22.49	22.02	26.75	26.20	25.66	30.91	30.31	29.72	35.38	34.74	34.08
	T/R	11.80	11.30	10.70	16.00	15.00	14.30	19.80	19.30	18.80	23.90	23.40	22.80	28.60	28.00	27.30	34.00	33.20	32.40	40.00	39.20	38.30	46.70	45.80	44.80
	AMPS*	5.41	5.71	6.00	6.18	6.47	6.80	6.95	7.32	7.71	7.81	8.22	8.63	8.80	9.23	9.68	9.96	10.43	10.91	11.35	11.84	12.36	13.02	13.57	14.14
	HI PR	227	243	259	243	258	275	259	277	296	278	296	315	300	318	337	327	346	365	359	378	398	399	418	438
	LO PR	40	40	40	51	52	52	65	65	65	80	80	80	97	97	98	116	117	117	137	138	138	160	161	161
800	MBH†	10.35	9.93	9.45	13.76	12.94	12.43	16.66	16.31	15.95	19.82	19.41	18.98	23.31	22.83	22.35	27.17	26.62	26.07	31.43	30.81	30.21	35.96	35.30	34.65
	T/R	10.50	10.00	9.50	14.20	13.30	12.80	17.50	17.10	16.70	21.20	20.70	20.20	25.40	24.80	24.20	30.20	29.50	28.80	35.60	34.80	34.10	41.60	40.70	39.90
	AMPS*	5.39	5.69	5.99	6.13	6.42	6.75	6.85	7.23	7.61	7.67	8.08	8.49	8.61	9.04	9.48	9.71	10.18	10.66	11.05	11.53	12.04	12.68	13.21	13.77
	HI PR	222	239	255	237	252	269	251	269	287	268	286	305	289	307	326	314	333	352	345	363	383	383	402	422
	LO PR	40	40	40	51	51	52	65	65	65	80	80	80	97	97	98	116	116	117	137	137	138	160	160	161

Low Heat HCH624GKA100 Size Outdoor With FVM4X24** Indoor Heating**

CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																							
		3			7			17			27			37			47			57			67		
		Entering Indoor Temperature Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
480	MBH†	6.80	7.33	5.75	7.43	6.78	6.16	10.48	9.93	9.33	13.30	12.74	12.16	16.03	15.62	15.04	17.81	17.40	17.01	19.25	18.85	18.45	20.27	22.18	19.48
	T/R	8.70	9.30	7.30	10.20	9.30	8.40	15.50	14.70	13.70	21.40	20.50	19.50	28.30	27.50	26.40	34.80	33.90	33.10	42.10	41.10	40.10	50.30	54.90	48.10
	AMPS*	4.99	5.48	5.72	4.99	5.33	5.69	5.25	5.61	5.97	5.50	5.85	6.22	5.78	6.15	6.50	5.96	6.32	6.69	6.15	6.50	6.87	6.36	8.27	7.07
	HI PR	214	234	245	219	234	249	239	255	271	263	279	296	292	310	327	321	339	358	355	374	393	395	493	434
	LO PR	42	42	42	55	55	55	68	69	69	84	84	85	102	102	102	122	122	122	144	144	145	168	167	169
520	MBH†	6.88	6.25	5.80	7.53	6.93	6.26	10.63	10.07	9.47	13.50	12.93	12.32	16.22	15.81	15.36	18.02	17.61	17.22	19.50	19.09	18.68	20.57	20.16	19.75
	T/R	8.10	7.30	6.80	9.50	8.70	7.90	14.50	13.70	12.90	20.10	19.20	18.20	26.40	25.70	24.90	32.50	31.70	30.90	39.30	38.40	37.50	47.10	46.10	45.00
	AMPS*	4.98	5.33	5.71	4.97	5.32	5.68	5.20	5.56	5.93	5.42	5.77	6.13	5.66	6.03	6.40	5.81	6.17	6.54	5.97	6.32	6.69	6.16	6.49	6.85
	HI PR	212	227	243	217	232	247	236	251	267	258	274	291	285	303	321	312	330	349	344	363	382	383	402	421
	LO PR	42	42	42	55	55	55	68	69	69	84	84	85	102	102	102	121	122	122	143	144	144	168	168	169
560	MBH†	7.72	6.32	5.88	7.64	7.03	6.36	10.74	10.20	9.62	13.63	13.10	12.49	17.73	15.97	15.53	18.22	17.80	17.39	19.73	19.31	18.89	20.83	20.41	19.99
	T/R	8.40	6.90	6.40	9.00	8.20	7.40	13.60	12.90	12.20	18.80	18.00	17.20	26.80	24.10	23.40	30.50	29.70	29.00	37.00	36.10	35.20	44.30	43.30	42.30
	AMPS*	5.06	5.34	5.72	4.96	5.32	5.68	5.17	5.53	5.90	5.36	5.71	6.08	5.88	5.93	6.31	5.69	6.05	6.42	5.83	6.17	6.54	5.99	6.32	6.67
	HI PR	214	225	242	215	230	245	233	248	265	253	270	286	294	297	315	304	323	341	335	354	373	372	391	410
	LO PR	42	42	42	55	55	55	68	69	69	84	84	85	101	102	102	121	122	122	143	144	144	167	168	168
640	MBH†	6.86	6.46	6.10	7.81	7.21	6.70	11.00	10.44	10.09	14.02	13.40	13.13	16.66	16.26	16.16	18.55	18.13	18.10	20.13	19.69	19.74	21.28	20.84	20.41
	T/R	6.60	6.20	4.60	8.00	7.40	5.50	12.20	11.60	8.90	16.90	16.20	12.60	22.10	21.50	17.00	27.20	26.50	21.10	33.00	32.20	25.80	39.60	38.70	37.80
	AMPS*	4.99	5.37	5.68	4.97	5.34	5.62	5.14	5.50	5.73	5.29	5.64	5.79	5.43	5.79	5.88	5.53	5.87	5.90	5.63	5.96	5.92	5.75	6.07	6.41
	HI PR	207	223	236	212	227	239	228	244	253	246	263	270	268	286	290	292	310	311	320	339	337	354	373	392
	LO PR	42	42	42	55	55	55	68	69	69	84	84	84	101	102	102	121	121	121	143	143	143	167	167	168

† 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 HCH636GKA100 Size Outdoor With FVM4X60** 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†	13.45	12.69	11.89	17.97	17.24	16.44	22.59	21.86	21.06	27.67	27.15	26.56	31.93	31.33	30.73	36.40	35.74	35.08	41.08	40.35	39.63	45.98	45.15	44.37
	T/R	11.40	10.80	10.10	15.80	15.10	14.40	20.60	19.90	19.10	26.20	25.70	25.10	31.50	30.80	30.20	37.40	36.60	35.90	44.00	43.20	42.30	51.50	50.50	49.50
	AMPS*	8.24	8.66	9.08	8.77	9.20	9.64	9.32	9.77	10.23	9.97	10.46	10.96	10.58	11.09	11.61	11.31	11.83	12.37	12.18	12.71	13.28	13.24	13.80	14.38
	HI PR	222	237	252	237	252	268	254	270	287	276	293	312	298	316	334	324	343	362	355	375	394	394	413	433
	LO PR	39	39	39	50	50	50	62	63	63	77	77	77	93	93	94	111	111	112	131	131	132	153	153	154
975	MBH†	13.60	12.85	12.04	18.16	17.43	16.63	22.86	22.09	21.30	27.89	27.38	26.80	32.21	31.61	31.02	36.77	36.09	35.42	41.53	40.79	40.05	46.50	45.65	44.87
	T/R	10.70	10.10	9.40	14.80	14.10	13.50	19.30	18.60	17.90	24.40	23.90	23.40	29.30	28.70	28.10	34.90	34.20	33.40	41.10	40.30	39.50	48.10	47.10	46.20
	AMPS*	8.21	8.64	9.06	8.72	9.16	9.60	9.24	9.69	10.15	9.84	10.34	10.84	10.42	10.92	11.45	11.10	11.62	12.16	11.93	12.46	13.01	12.93	13.48	14.06
	HI PR	219	234	250	233	249	265	250	266	283	270	287	306	290	308	327	315	333	353	345	364	384	381	400	420
	LO PR	39	39	39	50	50	50	62	63	63	77	77	77	93	93	94	111	111	112	130	131	132	152	153	153
1050	MBH†	13.73	12.98	12.17	18.33	17.59	16.80	23.08	22.30	21.51	28.09	27.55	27.01	32.46	31.86	31.24	37.09	36.40	35.72	41.93	41.17	40.42	47.02	46.13	45.30
	T/R	10.00	9.40	8.80	13.80	13.20	12.60	18.10	17.40	16.80	22.80	22.40	21.90	27.40	26.90	26.30	32.70	32.00	31.30	38.50	37.80	37.00	45.20	44.20	43.30
	AMPS*	8.20	8.63	9.06	8.68	9.12	9.57	9.17	9.63	10.09	9.73	10.23	10.74	10.28	10.79	11.31	10.93	11.45	11.98	11.71	12.24	12.79	12.68	13.21	13.79
	HI PR	217	233	248	231	246	263	246	262	279	265	282	300	284	302	321	307	326	345	336	355	374	371	390	410
	LO PR	39	39	39	50	50	50	62	63	63	77	77	77	93	93	93	111	111	112	130	131	131	152	152	153
1200	MBH†	13.96	13.22	12.40	18.58	17.88	17.09	23.44	22.67	21.86	28.43	27.89	27.34	32.90	32.27	31.65	37.64	36.92	36.22	42.58	41.80	41.03	47.84	46.93	46.10
	T/R	8.90	8.40	7.90	12.30	11.80	11.20	16.10	15.50	14.90	20.20	19.80	19.40	24.30	23.80	23.30	29.00	28.40	27.80	34.20	33.50	32.80	40.20	39.40	38.60
	AMPS*	8.19	8.63	9.07	8.62	9.08	9.54	9.07	9.54	10.01	9.57	10.08	10.59	10.08	10.58	11.10	10.67	11.18	11.72	11.40	11.92	12.47	12.32	12.85	13.41
	HI PR	214	229	245	226	242	258	240	256	273	256	274	292	274	291	310	295	313	332	322	340	359	354	373	393
	LO PR	39	39	39	50	50	50	62	63	63	76	77	77	92	93	93	110	111	111	130	130	131	152	152	153

Low Heat HCH636GKA100 Size Outdoor With FVM4X60** 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†	7.66	7.24	7.17	9.98	9.13	8.21	13.89	13.06	12.17	17.59	16.77	15.92	20.99	20.18	19.35	24.47	23.86	22.69	26.60	25.98	25.39	28.35	27.71	27.08
	T/R	7.00	6.60	6.50	9.70	8.80	7.90	14.40	13.50	12.50	19.50	18.60	17.60	25.10	24.00	23.00	31.70	30.80	29.20	37.60	36.60	35.70	44.10	43.00	41.90
	AMPS*	6.83	7.24	7.70	6.84	7.21	7.58	6.98	7.34	7.71	7.13	7.49	7.86	7.29	7.65	8.01	7.55	7.93	8.24	7.73	8.10	8.50	7.97	8.33	8.72
	HI PR	207	222	240	216	230	244	232	246	261	250	265	281	271	287	303	298	315	330	324	342	360	354	372	391
	LO PR	42	42	42	54	54	54	67	68	68	83	83	83	100	100	101	119	119	120	140	141	141	164	165	165
780	MBH†	7.39	7.33	7.26	10.11	9.25	8.33	14.08	13.24	12.35	17.83	17.01	16.15	21.30	20.47	19.63	24.74	24.15	23.22	26.94	26.32	25.68	28.76	28.10	27.46
	T/R	6.20	6.20	6.10	9.10	8.30	7.40	13.40	12.60	11.70	18.20	17.40	16.40	23.50	22.50	21.50	29.60	28.80	27.60	35.10	34.20	33.30	41.30	40.20	39.20
	AMPS*	6.78	7.24	7.69	6.81	7.19	7.57	6.93	7.30	7.67	7.05	7.42	7.79	7.20	7.55	7.92	7.41	7.79	8.14	7.57	7.94	8.32	7.78	8.14	8.52
	HI PR	205	221	238	214	228	243	229	244	259	246	261	277	266	282	298	290	308	324	315	333	351	343	361	380
	LO PR	42	42	42	54	54	54	67	68	68	82	83	83	100	100	100	119	119	120	140	141	141	164	164	165
840	MBH†	7.47	7.41	7.34	10.24	9.37	8.44	14.27	13.40	12.50	18.03	17.21	16.35	21.53	20.73	19.88	24.99	24.40	23.74	27.25	26.61	25.96	29.13	28.45	27.79
	T/R	5.80	5.80	5.70	8.50	7.80	7.00	12.70	11.90	11.00	17.10	16.30	15.50	22.00	21.20	20.30	27.70	27.00	26.20	33.00	32.10	31.30	38.80	37.80	36.90
	AMPS*	6.78	7.23	7.68	6.79	7.17	7.56	6.89	7.26	7.64	6.99	7.36	7.74	7.11	7.47	7.84	7.29	7.67	8.06	7.43	7.80	8.18	7.62	7.97	8.35
	HI PR	203	220	237	212	227	242	226	241	256	242	258	274	261	277	293	284	301	319	307	325	343	334	352	371
	LO PR	42	42	42	54	54	54	67	67	68	82	83	83	99	100	100	118	119	119	140	140	141	163	164	165
960	MBH†	7.62	7.56	7.50	10.44	9.57	8.63	14.55	13.67	12.77	18.38	17.56	16.69	22.04	21.17	20.31	25.41	24.79	24.17	27.77	27.10	26.45	29.76	29.05	28.35
	T/R	5.20	5.20	5.10	7.60	6.90	6.20	11.30	10.60	9.90	15.30	14.60	13.80	19.70	18.90	18.10	24.70	24.00	23.40	29.40	28.70	27.90	34.70	33.80	32.90
	AMPS*	6.77	7.23	7.69	6.76	7.15	7.55	6.83	7.21	7.60	6.90	7.27	7.65	6.99	7.34	7.72	7.11	7.49	7.88	7.22	7.58	7.96	7.38	7.72	8.09
	HI PR	202	218	235	209	224	239	222	237	253	236	252	268	253	269	286	273	291	309	294	312	330	318	336	355
	LO PR	42	42	42	54	54	54	67	67	68	82	83	83	99	100	100	118	119	119	139	140	140	163	163	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 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 HCH648GKA100 Size Outdoor With FVM4X48** 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†	17.52	16.82	16.06	22.89	22.19	21.44	29.42	28.14	27.23	34.93	34.38	33.81	41.05	40.37	39.70	47.79	47.00	46.22	55.26	54.37	53.48	64.14	63.00	61.83
	T/R	12.60	12.00	11.50	16.60	16.10	15.50	21.70	20.70	20.00	26.10	25.60	25.10	31.00	30.50	29.90	36.60	35.90	35.30	42.90	42.20	41.40	50.50	49.50	48.50
	AMPS*	10.78	11.24	11.70	11.75	12.24	12.74	12.87	13.32	13.84	13.95	14.53	15.13	15.17	15.78	16.41	16.58	17.22	17.90	18.27	18.94	19.63	20.19	20.96	21.76
	HI PR	225	241	257	241	257	274	261	276	293	281	300	319	306	324	344	335	354	374	369	389	409	409	431	452
	LO PR	36	36	37	47	47	47	59	59	60	73	73	73	88	89	89	105	106	106	124	124	125	146	146	146
1300	MBH†	17.68	17.01	16.24	23.11	22.41	21.66	29.65	29.06	27.52	35.19	34.65	34.09	41.38	40.70	40.01	48.23	47.42	46.62	55.84	54.94	53.99	64.85	63.75	62.60
	T/R	11.70	11.20	10.70	15.50	15.00	14.50	20.20	19.70	18.60	24.20	23.80	23.40	28.90	28.40	27.80	34.10	33.50	32.80	40.00	39.30	38.50	47.20	46.30	45.30
	AMPS*	10.80	11.27	11.74	11.74	12.24	12.74	12.82	13.35	13.81	13.86	14.44	15.04	15.05	15.65	16.28	16.42	17.04	17.71	18.06	18.72	19.40	19.81	20.56	21.33
	HI PR	223	239	255	238	254	271	257	274	289	275	294	313	298	317	336	326	345	365	360	379	399	396	416	438
	LO PR	36	36	37	47	47	47	59	59	60	73	73	73	88	88	89	105	105	106	124	124	125	146	146	146
1400	MBH†	17.84	17.17	16.41	23.30	22.61	21.86	29.84	29.30	27.77	35.42	34.88	34.31	41.67	41.00	40.31	48.61	47.80	46.99	56.32	55.35	54.43	65.33	64.30	63.22
	T/R	11.00	10.50	10.10	14.50	14.10	13.60	18.80	18.50	17.40	22.70	22.30	21.80	27.00	26.50	26.00	31.90	31.30	30.70	37.50	36.80	36.10	44.10	43.30	42.50
	AMPS*	10.83	11.30	11.78	11.75	12.25	12.75	12.79	13.33	13.79	13.79	14.38	14.98	14.95	15.56	16.18	16.29	16.91	17.57	17.90	18.55	19.23	19.54	20.26	21.01
	HI PR	221	237	253	235	251	268	253	270	285	270	289	308	292	311	330	319	338	358	352	371	391	385	405	426
	LO PR	36	36	37	47	47	47	59	59	60	73	73	73	88	88	89	105	105	106	124	124	124	145	146	146
1600	MBH†	18.17	17.48	16.72	23.65	22.97	22.22	30.16	29.66	28.25	35.82	35.27	34.70	42.17	41.51	40.81	49.23	48.44	47.62	57.10	56.12	55.16	65.82	64.90	63.94
	T/R	9.80	9.40	9.00	12.90	12.50	12.10	16.70	16.30	15.50	20.00	19.70	19.30	23.90	23.50	23.00	28.30	27.80	27.30	33.30	32.60	32.00	38.90	38.30	37.60
	AMPS*	10.92	11.39	11.87	11.79	12.30	12.81	12.77	13.32	13.80	13.73	14.32	14.92	14.83	15.45	16.07	16.14	16.76	17.41	17.68	18.34	19.00	19.21	19.91	20.63
	HI PR	218	234	250	230	246	263	246	264	279	262	280	299	283	301	320	308	326	346	339	358	378	370	389	409
	LO PR	36	36	37	47	47	47	59	59	59	73	73	73	88	88	89	105	105	106	123	124	124	144	145	145

Low Heat HCH648GKA100 Size Outdoor With FVM4X48** 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†	10.73	11.50	10.67	15.74	14.89	14.00	20.58	19.79	18.91	25.18	24.41	23.60	30.30	29.14	28.06	33.65	33.08	32.51	36.72	36.08	35.44	39.46	38.77	38.08
	T/R	7.50	8.00	7.40	11.60	11.00	10.30	16.10	15.50	14.80	21.10	20.40	19.70	27.20	26.10	25.00	32.50	31.90	31.20	38.40	37.70	36.90	45.10	44.20	43.30
	AMPS*	9.05	9.71	10.24	9.37	9.89	10.42	9.71	10.23	10.77	10.07	10.61	11.16	10.61	11.08	11.60	11.02	11.61	12.22	11.55	12.13	12.73	12.20	12.78	13.40
	HI PR	207	225	240	221	236	251	238	253	269	257	273	290	283	298	314	307	326	345	337	356	376	371	391	411
	LO PR	40	40	41	52	52	52	65	65	65	80	80	80	96	96	97	114	115	115	135	135	136	157	157	158
1040	MBH†	10.86	11.63	11.60	15.90	15.06	14.16	20.78	19.96	19.11	25.43	24.66	23.85	30.54	29.70	28.39	33.94	33.35	32.78	37.09	36.43	35.78	39.91	39.20	38.50
	T/R	7.00	7.50	7.40	10.80	10.20	9.60	15.00	14.40	13.80	19.60	19.00	18.30	25.30	24.50	23.40	30.20	29.70	29.10	35.80	35.10	34.40	42.10	41.20	40.40
	AMPS*	9.05	9.72	10.32	9.35	9.87	10.41	9.66	10.18	10.72	9.98	10.52	11.08	10.47	10.99	11.47	10.84	11.42	12.03	11.32	11.90	12.50	11.93	12.50	13.11
	HI PR	206	224	241	219	234	249	235	250	266	253	269	286	277	293	309	300	318	338	327	346	366	360	380	400
	LO PR	40	40	41	52	52	52	65	65	65	79	80	80	96	96	97	114	114	115	134	135	135	156	157	158
1120	MBH†	10.97	11.75	10.92	16.06	15.21	14.32	20.94	20.15	19.30	25.63	24.86	24.05	30.75	30.19	28.75	34.19	33.60	33.03	37.41	36.74	36.08	40.30	39.58	38.87
	T/R	6.60	7.00	6.50	10.20	9.60	9.00	14.10	13.50	12.90	18.40	17.80	17.20	23.60	23.10	22.00	28.30	27.80	27.20	33.60	32.90	32.20	39.50	38.70	37.90
	AMPS*	9.07	9.73	10.27	9.34	9.87	10.41	9.61	10.15	10.69	9.91	10.45	11.01	10.35	10.92	11.38	10.70	11.26	11.87	11.14	11.71	12.30	11.70	12.27	12.87
	HI PR	204	223	238	217	232	248	232	248	264	249	265	282	271	289	304	293	312	331	319	338	358	351	370	390
	LO PR	40	40	41	52	52	52	65	65	65	79	80	80	96	96	96	114	114	115	134	135	135	156	157	157
1280	MBH†	11.19	11.96	11.12	16.32	15.49	14.57	21.28	20.50	19.62	26.04	25.27	24.46	31.08	30.55	29.46	34.62	34.03	33.43	37.95	37.27	36.60	40.95	40.21	39.48
	T/R	5.80	6.20	5.80	9.00	8.50	8.00	12.50	12.00	11.50	16.30	15.80	15.30	20.90	20.50	19.70	25.10	24.60	24.10	29.80	29.20	28.60	35.10	34.40	33.70
	AMPS*	9.11	9.77	10.31	9.34	9.88	10.42	9.57	10.11	10.66	9.81	10.36	10.92	10.19	10.75	11.25	10.48	11.04	11.63	10.87	11.43	12.02	11.38	11.93	12.52
	HI PR	203	221	236	214	229	245	227	243	260	243	259	276	263	280	296	282	301	320	306	325	345	335	355	375
	LO PR	40	40	41	52	52	52	65	65	65	79	80	80	95	96	96	114	114	114	134	134	135	156	156	157

† 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 HCH660GKA100 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†	22.04	21.29	20.48	28.22	27.49	26.70	35.84	35.31	33.53	42.38	41.81	41.27	49.77	49.07	48.39	57.96	57.15	56.34	67.43	66.47	65.47	77.16	76.15	75.13
	T/R	13.00	12.60	12.10	16.90	16.40	15.90	21.60	21.30	20.10	25.80	25.40	25.00	30.60	30.20	29.70	36.10	35.50	34.90	42.40	41.70	41.00	49.00	48.30	47.50
	AMPS*	13.76	14.46	15.16	14.65	15.38	16.12	15.71	16.49	17.12	16.64	17.45	18.29	17.72	18.54	19.40	18.96	19.81	20.68	20.15	21.03	21.95	21.70	22.60	23.53
	HI PR	226	242	259	241	257	274	260	278	293	279	297	316	301	320	339	328	347	367	354	374	395	389	409	430
	LO PR	36	36	36	47	47	47	59	59	59	72	73	73	88	88	88	104	105	105	123	124	124	143	143	144
1625	MBH†	22.22	21.52	20.71	28.45	27.74	26.96	36.06	35.56	33.86	42.66	42.10	41.53	50.13	49.45	48.75	58.42	57.61	56.79	67.85	66.94	66.01	77.42	76.45	75.46
	T/R	12.10	11.70	11.30	15.70	15.30	14.80	20.10	19.80	18.80	24.00	23.60	23.30	28.50	28.00	27.60	33.50	33.00	32.50	39.40	38.80	38.10	45.40	44.70	44.00
	AMPS*	13.79	14.50	15.21	14.64	15.38	16.13	15.65	16.43	17.08	16.54	17.34	18.18	17.57	18.38	19.25	18.75	19.60	20.47	19.85	20.71	21.62	21.31	22.21	23.14
	HI PR	224	240	256	237	254	271	255	273	288	273	291	310	294	313	332	320	339	358	344	364	384	377	398	418
	LO PR	36	36	36	47	47	47	59	59	59	72	72	73	87	88	88	104	105	105	123	123	124	142	142	143
1750	MBH†	22.42	21.73	20.93	28.68	27.99	27.20	36.26	35.80	34.20	42.93	42.37	41.79	50.46	49.78	49.08	58.83	58.00	57.18	68.17	67.31	66.39	77.49	76.60	75.63
	T/R	11.40	11.00	10.60	14.70	14.30	13.90	18.80	18.50	17.60	22.40	22.10	21.70	26.60	26.20	25.80	31.40	30.90	30.40	36.70	36.20	35.60	42.20	41.60	41.00
	AMPS*	13.85	14.56	15.28	14.66	15.40	16.15	15.61	16.40	17.07	16.47	17.28	18.11	17.45	18.28	19.13	18.59	19.44	20.31	19.63	20.49	21.37	21.01	21.90	22.82
	HI PR	222	238	254	234	251	268	251	269	285	268	286	305	288	307	326	313	332	351	336	355	375	367	387	408
	LO PR	36	36	36	47	47	47	59	59	59	72	72	73	87	88	88	104	104	105	122	123	123	140	141	142
2000	MBH†	22.79	22.12	21.31	29.10	28.42	27.64	36.65	36.21	35.60	43.40	42.85	42.29	51.03	50.35	49.64	59.60	58.76	57.88	68.54	67.72	66.90	76.31	76.40	75.58
	T/R	10.10	9.80	9.40	13.00	12.70	12.30	16.60	16.40	16.00	19.80	19.50	19.20	23.60	23.20	22.80	27.80	27.40	26.90	32.30	31.90	31.40	36.40	36.30	35.80
	AMPS*	13.99	14.71	15.44	14.74	15.49	16.25	15.61	16.42	17.21	16.41	17.24	18.06	17.34	18.17	19.01	18.27	19.17	20.12	19.35	20.20	21.08	20.43	21.45	22.37
	HI PR	218	234	251	230	246	264	245	263	281	260	278	297	279	297	316	299	319	340	323	342	362	348	371	391
	LO PR	36	36	36	46	47	47	58	59	59	72	72	73	87	88	88	104	104	105	121	122	122	136	139	140

Low Heat HCH660GKA100 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†	14.07	13.21	12.25	19.50	18.64	17.71	24.89	24.06	23.16	30.27	29.44	28.56	36.55	35.06	33.97	41.02	40.41	39.79	45.47	44.75	44.03	49.91	49.16	48.34
	T/R	8.50	7.90	7.30	12.30	11.70	11.10	16.40	15.80	15.20	21.00	20.30	19.70	26.70	25.50	24.70	31.60	31.10	30.50	37.10	36.50	35.80	43.30	42.60	41.80
	AMPS*	11.34	12.00	12.66	11.65	12.31	12.97	11.95	12.62	13.30	12.29	12.95	13.64	12.81	13.37	14.04	13.19	13.90	14.64	13.65	14.35	15.09	14.07	14.79	15.55
	HI PR	209	223	238	222	237	252	237	253	269	255	271	288	278	293	310	300	319	338	327	346	366	353	373	394
	LO PR	40	40	41	52	52	52	65	65	65	79	80	80	96	96	97	114	114	115	134	135	135	156	157	158
1300	MBH†	14.19	13.32	12.36	19.64	18.83	17.90	25.08	24.30	23.41	30.51	29.71	28.84	36.82	36.20	34.34	41.33	40.71	40.09	45.86	45.14	44.41	50.37	49.63	48.86
	T/R	7.90	7.40	6.80	11.40	10.90	10.30	15.30	14.70	14.20	19.50	18.90	18.30	24.80	24.30	23.00	29.40	28.90	28.40	34.60	33.90	33.30	40.40	39.70	39.00
	AMPS*	11.35	12.02	12.69	11.63	12.30	12.97	11.89	12.57	13.26	12.19	12.86	13.55	12.66	13.36	13.90	12.99	13.69	14.43	13.41	14.10	14.83	13.77	14.47	15.20
	HI PR	207	222	237	220	235	250	234	250	266	250	267	284	272	290	305	293	312	331	318	337	356	342	362	383
	LO PR	40	40	41	52	52	52	65	65	65	79	80	80	95	96	96	114	114	115	134	135	135	156	157	157
1400	MBH†	14.32	13.46	12.50	19.81	19.01	18.07	25.28	24.50	23.62	30.75	29.96	29.08	37.04	36.45	34.65	41.61	41.00	40.37	46.22	45.49	44.75	50.74	49.98	49.23
	T/R	7.40	6.90	6.40	10.70	10.20	9.70	14.30	13.80	13.30	18.20	17.70	17.20	23.20	22.70	21.60	27.50	27.00	26.50	32.30	31.80	31.20	37.80	37.10	36.50
	AMPS*	11.38	12.05	12.73	11.62	12.30	12.97	11.85	12.53	13.23	12.11	12.79	13.48	12.54	13.23	13.79	12.83	13.53	14.27	13.21	13.90	14.62	13.53	14.21	14.92
	HI PR	206	221	236	218	233	249	231	247	263	246	263	280	267	285	300	287	305	324	310	329	349	333	353	373
	LO PR	40	40	41	52	52	52	65	65	65	79	80	80	95	96	96	114	114	114	134	134	135	155	156	157
1600	MBH†	14.58	13.72	12.75	20.09	19.31	18.38	25.63	24.86	23.98	31.18	30.38	29.52	37.41	36.86	35.36	42.08	41.45	40.82	46.85	46.06	45.32	51.28	50.53	49.80
	T/R	6.60	6.20	5.70	9.50	9.10	8.60	12.70	12.30	11.80	16.20	15.70	15.30	20.50	20.10	19.20	24.30	23.90	23.50	28.70	28.10	27.60	33.40	32.80	32.30
	AMPS*	11.44	12.13	12.81	11.64	12.32	13.01	11.81	12.50	13.20	12.02	12.70	13.39	12.37	13.06	13.65	12.60	13.30	14.02	12.88	13.60	14.31	13.18	13.85	14.55
	HI PR	204	219	234	214	230	246	226	243	259	240	257	274	259	277	292	276	295	314	297	316	336	318	338	358
	LO PR	40	40	41	52	52	52	65	65	65	79	79	80	95	95	96	113	114	114	134	134	135	154	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 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, HCH624GKA300 Outdoor With FVM4X24**** Indoor Cooling																										
CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
600	MBh†	22.47	24.04	24.52	26.60	29.45	21.26	22.54	22.99	24.94	27.62	20.00	20.99	21.40	23.23	25.73	18.69	19.39	19.77	21.47	23.80	17.34	17.77	18.10	19.68	21.84
	S/T‡	1.00	0.85	0.69	0.66	0.50	1.00	0.86	0.70	0.67	0.50	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	0.52
	AMPS*	6.17	6.22	6.23	6.28	6.34	6.96	7.00	7.01	7.05	7.11	7.87	7.89	7.90	7.95	8.01	8.94	8.96	8.97	9.02	9.08	10.23	10.25	10.26	10.31	10.36
	HI PR	253	255	255	258	262	294	296	296	299	303	339	341	342	345	350	390	392	392	396	401	447	448	449	452	457
	LO PR	115	123	125	134	147	118	125	127	136	149	122	127	129	139	151	125	129	131	141	154	129	132	134	144	157
650	MBh†	23.20	24.52	25.01	27.11	30.01	21.94	22.98	23.43	25.41	28.12	20.62	21.39	21.79	23.64	26.17	19.26	19.75	20.11	21.83	24.19	17.86	18.11	18.40	20.00	22.17
	S/T‡	1.00	0.87	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	0.52	1.00	0.95	0.76	0.73	0.54
	AMPS*	6.22	6.26	6.27	6.32	6.38	7.01	7.03	7.05	7.09	7.15	7.91	7.93	7.94	7.99	8.05	8.98	9.00	9.01	9.06	9.11	10.28	10.28	10.29	10.34	10.39
	HI PR	254	255	256	259	262	295	296	297	300	304	341	342	343	346	350	391	392	393	397	401	448	449	449	453	457
	LO PR	119	125	127	137	149	122	127	129	139	152	125	129	131	141	154	129	132	133	143	156	133	134	136	146	159
700	MBh†	23.88	24.95	25.44	27.57	30.50	22.56	23.38	23.82	25.81	28.55	21.20	21.74	22.14	24.00	26.55	19.78	20.08	20.41	22.15	24.52	18.33	18.42	18.65	20.27	22.46
	S/T‡	1.00	0.89	0.71	0.69	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	0.73	0.53	1.00	0.99	0.78	0.75	0.54
	AMPS*	6.27	6.29	6.31	6.36	6.42	7.05	7.07	7.08	7.13	7.19	7.95	7.97	7.98	8.03	8.08	9.03	9.03	9.04	9.09	9.15	10.32	10.32	10.33	10.38	10.42
	HI PR	254	256	256	259	263	296	297	298	301	305	342	343	343	347	351	392	393	394	397	402	449	449	450	454	458
	LO PR	122	127	129	139	152	125	129	131	141	154	128	131	133	143	156	132	134	135	145	158	136	137	138	148	161
800	MBh†	25.06	25.69	26.15	28.31	31.29	23.66	24.06	24.45	26.48	29.26	22.20	22.38	22.69	24.59	27.18	20.69	20.73	20.90	22.66	25.08	19.15	19.18	19.08	20.71	22.94
	S/T‡	1.00	0.93	0.74	0.71	0.53	1.00	0.94	0.75	0.73	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	0.56
	AMPS*	6.35	6.37	6.38	6.43	6.49	7.14	7.14	7.15	7.20	7.26	8.04	8.04	8.05	8.10	8.15	9.11	9.11	9.11	9.16	9.22	10.40	10.40	10.40	10.45	10.48
	HI PR	256	257	257	260	264	297	298	299	302	306	343	344	344	348	352	394	394	395	398	403	451	451	451	455	458
	LO PR	128	131	133	143	156	131	133	134	144	158	134	135	136	146	160	138	138	138	149	162	141	142	141	151	164
Low Cool, HCH624GKA300 Outdoor With FVM4X24**** Indoor Cooling																										
CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature Degrees F, Wet Bulb																								
		57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72	57	62	63††	67	72
480	MBh†	17.40	18.34	18.71	20.36	22.60	16.19	16.89	17.22	18.74	20.80	14.92	15.38	15.67	17.07	18.96	13.64	13.87	14.11	15.40	17.13	12.37	12.43	12.58	13.77	15.35
	S/T‡	1.00	0.88	0.71	0.68	0.51	1.00	0.89	0.72	0.69	0.51	1.00	0.90	0.72	0.70	0.51	1.00	0.92	0.74	0.71	0.52	1.00	0.99	0.75	0.72	0.52
	AMPS*	4.45	4.42	4.40	4.34	4.25	5.19	5.16	5.15	5.08	4.99	6.05	6.03	6.02	5.95	5.86	7.04	7.04	7.03	6.97	6.89	8.21	8.20	8.20	8.16	8.10
	HI PR	244	245	245	247	250	283	284	285	287	290	328	328	329	331	335	377	377	378	380	384	431	431	432	435	438
	LO PR	121	127	129	139	152	125	129	131	141	154	128	132	133	143	156	133	134	136	146	159	137	138	139	149	162
520	MBh†	17.97	18.72	19.08	20.75	23.02	16.71	17.22	17.54	19.07	21.16	15.39	15.68	15.95	17.36	19.27	14.05	14.15	14.35	15.65	17.40	12.74	12.76	12.79	13.98	15.58
	S/T‡	1.00	0.90	0.73	0.70	0.52	1.00	0.91	0.73	0.71	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.94	0.75	0.73	0.53	1.00	1.00	0.77	0.74	0.53
	AMPS*	4.45	4.42	4.41	4.34	4.25	5.19	5.17	5.15	5.08	4.99	6.05	6.03	6.03	5.96	5.87	7.05	7.04	7.04	6.98	6.90	8.21	8.21	8.22	8.17	8.11
	HI PR	244	245	246	248	250	284	285	285	288	291	328	329	329	332	335	378	378	378	381	384	432	432	432	435	439
	LO PR	125	129	131	141	154	128	131	133	143	156	132	134	136	146	159	136	137	138	148	161	141	141	141	151	164
560	MBh†	18.49	19.05	19.40	21.08	23.38	17.17	17.51	17.81	19.37	21.47	15.81	15.96	16.19	17.61	19.54	14.43	14.46	14.55	15.87	17.63	13.07	13.09	12.96	14.16	15.78
	S/T‡	1.00	0.93	0.74	0.71	0.53	1.00	0.94	0.75	0.72	0.53	1.00	0.95	0.76	0.73	0.53	1.00	1.00	0.77	0.75	0.54	1.00	1.00	0.79	0.76	0.54
	AMPS*	4.46	4.43	4.42	4.35	4.26	5.19	5.18	5.17	5.10	5.00	6.05	6.05	6.04	5.97	5.88	7.06	7.06	7.06	7.00	6.92	8.23	8.23	8.24	8.19	8.13
	HI PR	245	246	246	248	251	285	285	286	288	291	329	329	330	332	335	378	378	379	381	385	433	433	433	434	439
	LO PR	128	131	133	143	156	131	134	135	145	159	135	136	137	148	161	139	140	140	150	163	144	144	142	153	166
640	MBh†	19.40	19.63	19.92	21.63	23.96	18.00	18.07	18.26	19.84	21.98	16.55	16.57	16.58	18.02	19.98	15.08	15.11	14.89	16.21	18.01	13.64	13.67	13.25	14.45	16.09
	S/T‡	1.00	0.97	0.77	0.75	0.55	1.00	0.99	0.78	0.76	0.55	1.00	1.00	0.79	0.77	0.55	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.83	0.80	0.57
	AMPS*	4.48	4.47	4.46	4.39	4.30	5.22	5.21	5.21	5.13	5.04	6.08	6.08	6.08	6.01	5.92	7.09	7.09	7.10	7.04	6.96	8.27	8.27	8.29	8.24	8.18
	HI PR	246	246	247	249	252	286	286	286	289	292	331	331	331	333	336	380	380	379	382	385	434	434	433	436	440
	LO PR	134	135	137	147	160	137	138	139	149	162	141	141	141	151	164	145	145	143	153	167	149	149	145	156	169

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

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

* System amps are total of indoor and outdoor amps

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

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

EXPANDED 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, HCH636GKA200 Outdoor With FVM4X60** 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†	33.59	35.79	36.56	39.56	43.66	32.13	33.92	34.65	37.50	41.43	30.60	31.98	32.68	35.38	39.09	28.98	29.95	30.59	33.12	36.62	27.24	27.78	28.37	30.72	34.00
	S/T‡	1.00	0.85	0.69	0.66	0.50	1.00	0.87	0.70	0.67	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	0.73	0.53
	AMPS*	9.14	9.24	9.27	9.41	9.59	10.28	10.35	10.37	10.48	10.64	11.61	11.65	11.68	11.78	11.92	13.15	13.19	13.21	13.30	13.43	14.94	14.96	14.98	15.07	15.20
	HI PR	260	263	264	267	271	302	304	305	308	313	347	349	350	354	359	397	399	399	403	409	451	452	453	457	463
	LO PR	120	127	130	140	154	123	129	132	142	156	126	132	134	144	158	130	134	136	147	161	134	137	139	149	164
975	MBh†	34.66	36.45	37.23	40.24	44.40	33.12	34.52	35.26	38.13	42.08	31.53	32.54	33.22	35.92	39.68	29.83	30.44	31.07	33.61	37.15	28.02	28.25	28.78	31.14	34.44
	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*	9.23	9.31	9.34	9.48	9.67	10.36	10.41	10.44	10.55	10.72	11.68	11.72	11.74	11.84	11.98	13.23	13.25	13.27	13.36	13.49	15.01	15.02	15.04	15.13	15.26
	HI PR	262	264	264	267	272	303	305	306	309	314	349	350	351	355	360	398	399	400	404	410	453	453	454	458	464
	LO PR	124	130	132	142	156	127	132	134	144	158	130	134	136	147	161	134	136	138	149	163	138	139	141	152	166
1050	MBh†	35.64	37.04	37.80	40.84	45.03	34.03	35.06	35.78	38.66	42.65	32.38	33.03	33.69	36.40	40.20	30.61	30.91	31.48	34.03	37.60	28.73	28.77	29.13	31.49	34.83
	S/T‡	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	0.97	0.77	0.74	0.54	1.00	1.00	0.79	0.77	0.55
	AMPS*	9.32	9.38	9.41	9.55	9.74	10.44	10.48	10.50	10.62	10.78	11.76	11.78	11.80	11.90	12.05	13.30	13.31	13.33	13.42	13.56	15.08	15.09	15.10	15.19	15.32
	HI PR	263	264	265	268	272	304	306	306	310	315	350	351	352	355	361	400	400	401	405	411	454	454	455	459	465
	LO PR	127	132	134	145	159	130	134	136	147	161	134	136	138	149	163	137	138	140	151	165	141	142	143	153	168
1200	MBh†	37.35	38.04	38.75	41.80	46.06	35.63	36.01	36.63	39.53	43.58	33.86	33.95	34.43	37.17	41.01	31.97	32.02	32.13	34.71	38.32	29.94	29.98	29.69	32.08	35.44
	S/T‡	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	0.76	0.55	1.00	1.00	0.81	0.78	0.56	1.00	1.00	0.84	0.81	0.58
	AMPS*	9.48	9.51	9.54	9.68	9.88	10.58	10.60	10.62	10.74	10.91	11.90	11.90	11.91	12.02	12.17	13.44	13.44	13.44	13.54	13.67	15.22	15.22	15.21	15.30	15.44
	HI PR	265	266	266	269	274	306	307	307	311	316	352	352	353	357	362	402	402	402	406	412	456	457	456	460	466
	LO PR	133	136	138	148	162	136	138	140	150	164	140	140	141	152	166	143	143	143	154	168	147	147	146	156	171

Low Cool, HCH636GKA200 Outdoor With FVM4X60** 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
7200	MBh†	25.97	27.04	27.62	30.03	33.45	24.13	24.89	25.41	27.65	30.80	22.32	22.77	23.23	25.29	28.18	20.47	20.65	21.04	22.92	25.56	18.58	18.62	18.80	20.50	22.91
	S/T‡	1.00	0.90	0.72	0.69	0.51	1.00	0.91	0.73	0.70	0.51	1.00	0.92	0.73	0.70	0.51	1.00	0.94	0.74	0.71	0.52	1.00	1.00	0.75	0.73	0.52
	AMPS*	6.28	6.24	6.22	6.14	6.02	7.50	7.48	7.46	7.38	7.27	8.96	8.94	8.93	8.86	8.75	10.70	10.69	10.68	10.60	10.49	12.76	12.75	12.75	12.66	12.54
	HI PR	248	249	250	252	256	288	289	290	293	296	333	333	334	337	341	381	382	382	386	390	435	435	435	438	443
	LO PR	129	133	135	146	160	132	135	137	148	162	135	137	139	150	164	139	140	142	152	167	143	143	144	155	169
780	MBh†	26.78	27.53	28.09	30.55	34.02	24.87	25.33	25.83	28.10	31.29	22.98	23.18	23.59	25.67	28.60	21.07	21.11	21.34	23.25	25.92	19.11	19.14	19.06	20.78	23.21
	S/T‡	1.00	0.93	0.74	0.71	0.52	1.00	0.94	0.74	0.72	0.52	1.00	0.95	0.75	0.72	0.52	1.00	1.00	0.76	0.73	0.53	1.00	1.00	0.78	0.75	0.53
	AMPS*	6.27	6.25	6.23	6.14	6.02	7.50	7.48	7.47	7.39	7.28	8.96	8.95	8.94	8.86	8.76	10.70	10.69	10.69	10.61	10.50	12.76	12.75	12.76	12.67	12.55
	HI PR	249	250	250	253	256	289	290	290	293	297	334	334	334	338	342	383	383	383	386	390	436	436	436	439	443
	LO PR	132	136	138	148	162	135	137	139	150	164	139	140	141	152	167	142	143	143	154	169	147	147	146	157	171
840	MBh†	27.53	27.98	28.51	31.00	34.49	25.56	25.76	26.20	28.48	31.71	23.60	23.64	23.91	26.01	28.96	21.61	21.65	21.61	23.53	26.22	19.57	19.63	19.29	21.02	23.45
	S/T‡	1.00	0.95	0.76	0.73	0.53	1.00	0.96	0.76	0.73	0.53	1.00	1.00	0.77	0.74	0.54	1.00	1.00	0.78	0.76	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	6.27	6.25	6.23	6.15	6.03	7.50	7.49	7.48	7.40	7.29	8.96	8.96	8.95	8.88	8.77	10.70	10.70	10.70	10.63	10.51	12.76	12.76	12.78	12.68	12.56
	HI PR	250	250	251	253	257	290	290	291	294	298	335	335	335	338	342	383	384	383	387	391	437	437	436	439	444
	LO PR	136	138	140	150	164	139	140	141	152	166	142	142	143	154	169	146	146	145	156	171	150	150	147	158	173
960	MBh†	28.86	28.91	29.20	31.73	35.28	26.76	26.80	26.80	29.12	32.39	24.68	24.72	24.44	26.56	29.55	22.57	22.61	22.06	23.99	26.71	20.43	20.47	19.67	21.42	23.87
	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	0.56	1.00	1.00	0.83	0.80	0.56	1.00	1.00	0.85	0.82	0.57
	AMPS*	6.26	6.26	6.25	6.16	6.04	7.50	7.50	7.50	7.42	7.31	8.97	8.97	8.98	8.91	8.80	10.71	10.71	10.73	10.66	10.54	12.77	12.76	12.81	12.72	12.59
	HI PR	251	251	252	254	258	292	292	292	295	298	336	336	336	339	343	385	385	384	388	392	439	439	437	440	444
	LO PR	142	142	143	154	168	145	145	144	155	170	148	148	146	157	172	151	152	148	159	174	155	156	150	161	176

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

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

* System amps are total of indoor and outdoor amps

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

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

EXPANDED COOLING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

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High Cool, HCH648GKA200 Outdoor With FVM4X48** 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†	42.70	45.46	46.41	50.09	55.10	41.39	43.68	44.59	48.12	52.90	39.86	41.63	42.48	45.85	50.43	38.17	39.40	40.18	43.40	47.76	36.35	37.07	37.76	40.80	44.93
	S/T‡	1.00	0.87	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	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53
	AMPS*	12.64	12.72	12.74	12.83	12.94	14.16	14.23	14.25	14.35	14.48	15.91	15.97	15.99	16.11	16.25	17.95	18.00	18.03	18.16	18.34	20.37	20.40	20.43	20.59	20.79
	HI PR	257	259	260	263	266	299	300	301	304	308	344	345	346	350	354	393	395	395	399	404	448	449	449	453	458
	LO PR	117	125	127	137	150	120	127	129	139	152	124	129	131	141	155	128	132	134	144	158	132	135	137	147	161
1300	MBh†	43.94	46.21	47.15	50.86	55.89	42.57	44.38	45.26	48.81	53.62	40.96	42.26	43.09	46.48	51.07	39.18	39.98	40.71	43.94	48.32	37.28	37.61	38.22	41.27	45.41
	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	0.53	1.00	0.95	0.76	0.73	0.53	1.00	0.98	0.78	0.75	0.54
	AMPS*	12.78	12.84	12.86	12.95	13.05	14.30	14.35	14.37	14.47	14.59	16.05	16.09	16.11	16.23	16.37	18.10	18.13	18.16	18.29	18.46	20.52	20.54	20.56	20.72	20.93
	HI PR	258	260	260	263	267	300	301	302	305	309	345	346	347	350	355	395	395	396	400	405	449	449	450	454	459
	LO PR	121	127	129	139	152	124	129	131	141	155	127	131	133	144	157	131	134	136	146	160	136	137	138	149	163
1400	MBh†	45.06	46.88	47.79	51.52	56.57	43.63	44.98	45.84	49.40	54.24	41.94	42.83	43.60	47.00	51.61	40.09	40.51	41.16	44.39	48.79	38.12	38.18	38.61	41.67	45.81
	S/T‡	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.72	0.53	1.00	0.95	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*	12.90	12.95	12.97	13.06	13.16	14.43	14.47	14.49	14.58	14.71	16.18	16.21	16.23	16.35	16.49	18.24	18.26	18.28	18.41	18.58	20.67	20.67	20.69	20.85	21.05
	HI PR	259	260	261	264	267	301	302	302	305	309	346	347	347	351	355	396	396	397	401	405	450	450	451	455	460
	LO PR	124	129	131	141	155	127	131	133	143	157	131	133	135	145	159	135	136	137	148	162	139	139	140	151	165
1600	MBh†	47.01	48.00	48.82	52.57	57.65	45.45	46.04	46.76	50.34	55.20	43.64	43.86	44.42	47.82	52.47	41.65	41.71	41.88	45.12	49.53	39.54	39.60	39.24	42.28	46.44
	S/T‡	1.00	0.96	0.76	0.73	0.54	1.00	0.98	0.77	0.75	0.54	1.00	0.99	0.79	0.77	0.55	1.00	1.00	0.81	0.79	0.56	1.00	1.00	0.84	0.81	0.58
	AMPS*	13.15	13.17	13.19	13.28	13.38	14.68	14.69	14.71	14.81	14.93	16.44	16.45	16.46	16.58	16.72	18.51	18.51	18.51	18.65	18.82	20.95	20.96	20.93	21.09	21.30
	HI PR	261	261	262	265	268	302	303	303	306	310	348	348	348	352	356	398	398	398	402	406	452	452	452	456	461
	LO PR	130	132	134	144	158	133	134	136	146	160	136	137	138	149	163	140	140	140	151	165	144	144	143	153	168

Low Cool, HCH648GKA200 Outdoor With FVM4X48** 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†	33.65	35.08	35.83	38.99	43.33	30.83	31.83	32.50	35.42	39.42	27.95	28.52	29.09	31.77	35.44	25.05	25.24	25.67	28.12	31.46	22.16	22.20	22.29	24.49	27.50
	S/T‡	1.00	0.90	0.72	0.69	0.51	1.00	0.92	0.73	0.70	0.52	1.00	0.94	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.53	1.00	1.00	0.78	0.75	0.54
	AMPS*	8.67	8.62	8.59	8.49	8.34	10.18	10.15	10.13	10.02	9.88	11.94	11.91	11.89	11.78	11.65	13.95	13.94	13.93	13.82	13.69	16.28	16.28	16.28	16.17	16.03
	HI PR	247	248	248	251	253	287	288	288	291	294	331	332	332	335	338	379	379	380	383	386	432	432	432	435	439
	LO PR	127	131	133	144	157	130	134	136	146	159	134	136	138	148	162	138	139	141	151	165	143	143	143	154	168
1040	MBh†	34.67	35.69	36.41	39.61	44.00	31.75	32.38	33.00	35.95	40.00	28.77	29.03	29.53	32.23	35.94	25.77	25.82	26.04	28.49	31.87	22.79	22.83	22.60	24.81	27.85
	S/T‡	1.00	0.93	0.74	0.71	0.52	1.00	0.94	0.75	0.72	0.53	1.00	0.96	0.76	0.73	0.53	1.00	1.00	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55
	AMPS*	8.68	8.64	8.62	8.52	8.37	10.20	10.18	10.16	10.05	9.91	11.96	11.94	11.93	11.82	11.69	13.97	13.97	13.96	13.86	13.72	16.31	16.31	16.32	16.21	16.07
	HI PR	248	248	249	251	254	288	288	289	291	294	332	332	333	335	339	380	380	380	383	387	433	433	432	435	439
	LO PR	130	134	136	146	159	133	136	138	148	162	137	138	140	150	164	142	142	142	153	167	146	147	145	156	169
1120	MBh†	35.59	36.25	36.91	40.13	44.57	32.58	32.90	33.44	36.41	40.50	29.51	29.57	29.91	32.62	36.36	26.43	26.47	26.37	28.82	32.23	23.36	23.40	22.86	25.08	28.14
	S/T‡	1.00	0.95	0.76	0.73	0.53	1.00	0.97	0.77	0.74	0.54	1.00	1.00	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*	8.70	8.67	8.66	8.55	8.40	10.22	10.21	10.20	10.09	9.95	11.98	11.97	11.96	11.86	11.72	14.00	14.00	14.01	13.90	13.77	16.34	16.33	16.37	16.25	16.12
	HI PR	248	249	249	252	254	289	289	289	292	295	333	333	333	336	339	381	381	381	384	387	433	434	433	436	440
	LO PR	133	136	137	148	161	137	138	139	150	163	140	141	142	152	166	145	145	144	155	168	149	150	147	157	171
1280	MBh†	37.21	37.28	37.74	40.98	45.50	34.04	34.09	34.16	37.14	41.30	30.81	30.86	30.54	33.25	37.06	27.57	27.62	26.89	29.36	32.80	24.35	24.38	23.31	25.52	28.59
	S/T‡	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.80	0.78	0.55	1.00	1.00	0.82	0.79	0.56	1.00	1.00	0.84	0.82	0.57	1.00	1.00	0.87	0.84	0.59
	AMPS*	8.74	8.74	8.73	8.62	8.47	10.28	10.27	10.28	10.16	10.03	12.03	12.03	12.05	11.94	11.81	14.06	14.06	14.09	13.99	13.86	16.40	16.40	16.46	16.34	16.21
	HI PR	250	250	250	252	255	290	290	290	292	295	334	334	334	336	340	382	382	381	384	388	435	435	433	437	441
	LO PR	139	139	140	151	165	142	142	142	153	167	146	146	144	155	169	150	150	147	157	171	155	155	149	160	174

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

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

* System amps are total of indoor and outdoor amps

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

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

EXPANDED COOLING PERFORMANCE RATINGS For GKA200 Outdoor / Indoor Models

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High Cool HCH660GKA200 Outdoor With FVM4X60** 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†	51.61	54.77	55.96	60.55	66.85	49.90	52.50	53.60	57.92	63.83	48.10	50.12	51.15	55.18	60.69	46.09	47.51	48.45	52.18	57.28	43.74	44.55	45.37	48.79	53.46
	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	0.92	0.74	0.71	0.52	1.00	0.94	0.75	0.72	0.53
	AMPS*	15.50	15.63	15.67	15.86	16.13	17.12	17.22	17.26	17.44	17.70	18.99	19.07	19.11	19.29	19.54	21.16	21.22	21.26	21.44	21.68	23.65	23.69	23.72	23.90	24.14
	HI PR	259	262	262	265	269	301	303	304	307	312	347	348	349	353	358	397	398	399	403	408	451	452	453	457	462
	LO PR	118	125	127	137	150	121	127	129	139	152	124	129	131	141	155	127	131	133	144	157	131	134	136	146	160
1625	MBh†	53.11	55.69	56.85	61.48	67.83	51.30	53.31	54.40	58.74	64.70	49.40	50.86	51.85	55.90	61.44	47.27	48.17	49.04	52.79	57.91	44.79	45.16	45.87	49.30	53.98
	S/T‡	1.00	0.92	0.74	0.71	0.53	1.00	0.93	0.74	0.71	0.53	1.00	0.94	0.75	0.72	0.53	1.00	0.95	0.75	0.73	0.53	1.00	0.97	0.77	0.74	0.54
	AMPS*	15.71	15.81	15.86	16.05	16.32	17.32	17.40	17.44	17.63	17.89	19.19	19.26	19.29	19.48	19.72	21.37	21.41	21.44	21.62	21.86	23.85	23.87	23.90	24.08	24.32
	HI PR	261	262	263	266	270	302	304	304	308	312	348	349	350	354	359	398	399	400	404	409	453	453	454	458	463
	LO PR	122	127	129	139	152	124	129	131	141	155	127	131	133	143	157	131	133	135	146	159	135	136	138	148	162
1750	MBh†	54.46	56.48	57.62	62.27	68.68	52.57	54.04	55.08	59.45	65.44	50.56	51.52	52.43	56.50	62.06	48.32	48.77	49.55	53.30	58.44	45.73	45.80	46.29	49.72	54.40
	S/T‡	1.00	0.94	0.75	0.72	0.53	1.00	0.95	0.76	0.73	0.53	1.00	0.96	0.76	0.74	0.54	1.00	0.98	0.77	0.75	0.54	1.00	1.00	0.79	0.76	0.55
	AMPS*	15.91	15.99	16.03	16.23	16.51	17.52	17.58	17.62	17.81	18.07	19.39	19.43	19.47	19.65	19.90	21.56	21.59	21.61	21.79	22.04	24.05	24.06	24.08	24.26	24.49
	HI PR	262	263	264	267	271	303	304	305	308	313	349	350	351	354	359	399	400	400	404	409	454	454	454	458	463
	LO PR	125	129	131	141	154	128	131	133	143	157	131	133	135	145	159	134	135	137	147	161	138	138	139	150	164
2000	MBh†	56.83	57.84	58.85	63.55	70.02	54.75	55.30	56.15	60.55	66.60	52.55	52.69	53.37	57.45	63.06	50.11	50.18	50.34	54.09	59.25	47.32	47.37	46.95	50.35	55.05
	S/T‡	1.00	0.99	0.78	0.76	0.55	1.00	1.00	0.79	0.76	0.55	1.00	1.00	0.80	0.77	0.56	1.00	1.00	0.81	0.79	0.56	1.00	1.00	0.83	0.81	0.57
	AMPS*	16.30	16.34	16.38	16.58	16.87	17.90	17.93	17.96	18.15	18.42	19.78	19.79	19.81	20.00	20.25	21.95	21.95	21.95	22.14	22.38	24.44	24.45	24.42	24.60	24.83
	HI PR	263	264	265	268	272	305	306	306	309	314	351	351	352	355	360	401	401	401	405	410	456	456	455	459	464
	LO PR	130	132	134	144	158	133	134	136	146	160	136	137	138	148	162	140	140	140	150	164	144	144	142	153	167

Low Cool HCH660GKA200 Outdoor With FVM4X60** 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†	41.27	42.97	43.88	47.49	52.45	36.79	37.92	38.70	41.89	46.29	32.29	32.87	33.52	36.33	40.20	27.87	28.01	28.48	30.92	34.27	23.62	23.66	23.68	25.76	28.63
	S/T‡	1.00	0.92	0.73	0.70	0.52	1.00	0.95	0.76	0.73	0.54	1.00	1.00	0.79	0.76	0.56	1.00	0.99	0.83	0.80	0.58	1.00	1.00	0.89	0.86	0.61
	AMPS*	10.64	10.59	10.56	10.44	10.27	12.31	12.28	12.26	12.14	11.96	14.24	14.21	14.19	14.07	13.90	16.43	16.42	16.40	16.29	16.12	18.93	18.93	18.93	18.81	18.65
	HI PR	249	250	251	253	256	289	290	291	293	296	333	334	334	337	340	381	381	382	384	388	434	434	434	436	440
	LO PR	127	131	134	144	157	130	134	136	146	160	134	136	138	149	163	139	140	141	152	166	144	145	144	155	169
1300	MBh†	42.46	43.67	44.54	48.17	53.17	37.83	38.51	39.25	42.46	46.90	33.17	33.41	33.97	36.79	40.68	28.61	28.66	28.84	31.28	34.65	24.22	24.26	23.96	26.04	28.91
	S/T‡	1.00	0.94	0.75	0.72	0.53	1.00	0.98	0.78	0.75	0.55	1.00	1.03	0.81	0.78	0.57	1.00	1.00	0.86	0.83	0.59	1.00	1.00	0.91	0.88	0.63
	AMPS*	10.67	10.63	10.61	10.49	10.31	12.35	12.33	12.31	12.19	12.01	14.28	14.27	14.25	14.12	13.96	16.47	16.47	16.47	16.35	16.18	18.97	18.97	19.00	18.88	18.71
	HI PR	250	251	251	253	256	290	291	291	294	297	334	334	335	337	341	382	382	382	385	389	434	435	434	437	441
	LO PR	130	134	136	146	160	134	136	138	148	162	138	139	140	151	165	142	143	143	153	167	148	148	146	156	171
1400	MBh†	43.54	44.29	45.11	48.75	53.79	38.76	39.07	39.72	42.95	47.41	33.97	34.02	34.35	37.18	41.08	29.28	29.32	29.15	31.59	34.97	24.76	24.80	24.19	26.28	29.15
	S/T‡	1.00	0.97	0.77	0.74	0.54	1.00	1.01	0.80	0.77	0.56	1.00	1.00	0.83	0.81	0.58	1.00	1.00	0.88	0.85	0.61	1.00	1.00	0.94	0.91	0.64
	AMPS*	10.71	10.69	10.67	10.54	10.36	12.40	12.38	12.37	12.24	12.06	14.32	14.32	14.31	14.18	14.01	16.52	16.51	16.53	16.41	16.24	19.02	19.02	19.06	18.94	18.78
	HI PR	251	251	252	254	257	291	291	292	294	297	335	335	335	338	341	383	383	383	385	389	435	435	434	437	441
	LO PR	134	136	137	148	162	137	138	140	150	164	141	141	142	152	166	146	146	144	155	169	151	151	147	158	172
1600	MBh†	45.41	45.49	46.03	49.70	54.77	40.37	40.43	40.48	43.72	48.21	35.34	35.39	34.98	37.82	41.73	30.42	30.46	29.64	32.09	35.47	25.69	25.72	24.58	26.67	29.52
	S/T‡	1.00	1.00	0.80	0.78	0.56	1.00	1.00	0.84	0.81	0.58	1.00	1.00	0.88	0.85	0.60	1.00	1.00	0.93	0.90	0.63	1.00	1.00	1.00	0.97	0.67
	AMPS*	10.79	10.79	10.78	10.65	10.46	12.49	12.48	12.49	12.35	12.17	14.41	14.41	14.43	14.31	14.13	16.62	16.61	16.66	16.54	16.37	19.13	19.13	19.20	19.08	18.91
	HI PR	252	252	252	255	257	292	292	292	295	298	336	336	336	338	342	384	384	383	386	390	437	437	435	438	442
	LO PR	139	139	140	151	165	143	143	142	153	167	146	147	145	155	169	151	151	147	158	172	156	156	150	161	175

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

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

* System amps are total of indoor and outdoor amps

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

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

EXPANDED HEATING PERFORMANCE RATINGS 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 Heat HCH624GKA300 Size Outdoor With FVM4X24** Indoor Heating**

CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																							
		3			7			17			27			37			47			57			67		
		Entering Indoor Temperature Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
600	MBH†	9.13	8.73	8.26	12.06	11.61	11.14	15.38	15.05	14.66	18.36	17.97	17.59	21.55	21.11	20.68	24.98	24.49	24.01	28.66	28.12	27.59	32.46	31.91	31.35
	T/R	13.00	12.40	11.70	17.60	16.90	16.20	23.00	22.50	21.90	28.20	27.60	26.90	34.00	33.30	32.50	40.50	39.70	38.80	47.80	46.90	45.90	55.80	54.70	53.60
	AMPS*	5.93	6.22	6.51	6.40	6.70	7.00	6.95	7.28	7.60	7.53	7.86	8.21	8.19	8.54	8.91	8.97	9.34	9.74	9.89	10.29	10.72	11.01	11.48	11.97
	HI PR	230	246	263	248	265	282	270	288	307	293	311	330	320	339	358	353	372	391	391	410	430	437	458	479
	LO PR	40	40	40	52	52	52	65	65	65	80	80	80	97	97	97	116	116	116	136	137	138	159	160	161
650	MBH†	9.21	8.81	8.34	12.17	11.73	11.25	15.50	15.18	14.81	18.52	18.14	17.75	21.78	21.33	20.89	25.25	24.76	24.27	28.99	28.44	27.90	32.87	32.28	31.71
	T/R	12.10	11.60	10.90	16.40	15.80	15.10	21.40	20.90	20.40	26.30	25.70	25.10	31.70	31.00	30.30	37.80	37.00	36.20	44.70	43.70	42.80	52.20	51.10	50.10
	AMPS*	5.90	6.20	6.49	6.35	6.65	6.96	6.88	7.20	7.53	7.43	7.76	8.11	8.07	8.41	8.78	8.82	9.18	9.57	9.68	10.07	10.49	10.75	11.19	11.67
	HI PR	227	243	260	244	261	278	265	283	301	286	304	323	312	331	350	343	362	381	379	398	418	424	444	464
	LO PR	40	40	40	52	52	52	65	65	65	80	80	80	97	97	97	115	116	116	136	137	137	159	160	160
700	MBH†	9.29	8.89	8.43	12.28	11.85	11.37	15.61	15.29	14.93	18.67	18.29	17.90	21.97	21.53	21.07	25.50	25.00	24.50	29.29	28.74	28.19	33.22	32.62	32.03
	T/R	11.30	10.80	10.20	15.40	14.80	14.20	20.00	19.60	19.10	24.60	24.00	23.50	29.70	29.10	28.40	35.50	34.70	33.90	41.90	41.00	40.20	48.90	48.00	47.00
	AMPS*	5.89	6.18	6.48	6.32	6.62	6.93	6.82	7.15	7.48	7.36	7.69	8.03	7.97	8.31	8.67	8.69	9.04	9.42	9.51	9.90	10.32	10.55	10.98	11.44
	HI PR	225	241	257	240	257	274	260	278	296	280	298	317	305	323	343	335	353	373	369	389	408	413	433	453
	LO PR	40	40	40	52	52	52	65	65	65	80	80	80	97	97	97	115	116	116	136	136	137	159	159	160
800	MBH†	9.42	9.04	8.59	12.47	12.04	11.57	15.79	15.48	15.14	18.92	18.54	18.14	22.30	21.85	21.39	25.92	25.40	24.89	29.78	29.21	28.66	33.75	33.15	32.55
	T/R	10.10	9.60	9.10	13.70	13.20	12.60	17.70	17.30	16.90	21.80	21.30	20.80	26.40	25.80	25.20	31.50	30.90	30.20	37.30	36.50	35.70	43.50	42.60	41.80
	AMPS*	5.87	6.17	6.47	6.27	6.58	6.89	6.74	7.07	7.40	7.24	7.57	7.91	7.82	8.16	8.51	8.50	8.85	9.22	9.29	9.66	10.06	10.28	10.68	11.13
	HI PR	221	237	254	235	251	269	252	270	288	271	289	307	293	312	331	321	340	359	355	373	393	397	416	436
	LO PR	40	40	40	52	52	52	65	65	65	80	80	80	96	97	97	115	115	116	136	136	137	158	159	159

Low Heat HCH624GKA300 Size Outdoor With FVM4X24** Indoor Heating**

CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																							
		3			7			17			27			37			47			57			67		
		Entering Indoor Temperature Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
460	MBH†	4.29	4.36	4.10	7.46	6.96	6.39	10.33	9.80	9.23	13.01	12.46	11.89	15.75	15.34	14.87	17.90	17.45	17.02	20.02	19.56	19.10	22.13	21.66	21.20
	T/R	6.90	7.00	6.50	12.50	11.60	10.60	18.00	17.00	16.00	23.70	22.60	21.50	30.00	29.10	28.20	35.80	34.80	33.80	42.10	41.00	39.90	49.00	47.90	46.80
	AMPS*	4.49	4.83	5.14	4.95	5.23	5.50	5.34	5.61	5.89	5.69	5.97	6.24	6.06	6.36	6.66	6.37	6.69	7.01	6.75	7.08	7.43	7.21	7.57	7.95
	HI PR	207	225	242	227	242	258	249	264	280	272	288	304	299	316	334	325	343	361	355	373	392	390	408	428
	LO PR	42	42	43	54	54	55	68	68	69	84	84	84	101	102	102	121	122	122	144	144	145	168	169	169
520	MBH†	4.33	4.41	4.17	7.54	7.07	6.49	10.48	9.96	9.39	13.24	12.66	12.09	15.95	15.53	15.08	18.14	17.69	17.24	20.30	19.84	19.37	22.46	21.98	21.50
	T/R	6.40	6.50	6.10	11.60	10.90	10.00	16.80	16.00	15.00	22.20	21.20	20.20	28.00	27.20	26.40	33.40	32.60	31.60	39.40	38.40	37.40	45.90	44.90	43.80
	AMPS*	4.48	4.83	5.14	4.92	5.20	5.48	5.29	5.57	5.85	5.62	5.90	6.18	5.95	6.26	6.57	6.24	6.56	6.88	6.57	6.92	7.26	7.00	7.35	7.73
	HI PR	206	224	240	225	240	255	245	260	276	266	282	299	291	309	327	316	334	352	344	363	382	377	396	415
	LO PR	42	42	43	54	54	55	68	68	68	83	84	84	101	101	102	121	121	122	143	144	144	168	168	169
560	MBH†	4.38	4.47	4.24	7.66	7.17	6.59	10.61	10.10	9.53	13.47	12.84	12.26	16.13	15.69	15.27	18.36	17.90	17.44	20.57	20.09	19.61	22.77	22.27	21.78
	T/R	6.00	6.10	5.80	11.00	10.20	9.40	15.80	15.00	14.20	21.00	20.00	19.00	26.30	25.60	24.80	31.40	30.60	29.70	37.00	36.10	35.10	43.20	42.20	41.20
	AMPS*	4.48	4.83	5.14	4.91	5.19	5.47	5.26	5.54	5.82	5.58	5.85	6.13	5.87	6.18	6.49	6.14	6.45	6.78	6.44	6.78	7.13	6.82	7.18	7.55
	HI PR	205	222	239	222	238	253	241	257	273	262	278	294	285	302	321	308	326	345	335	354	373	367	385	405
	LO PR	42	42	43	54	54	55	68	68	68	83	84	84	101	101	102	121	121	122	143	144	144	168	168	169
640	MBH†	4.48	4.59	4.37	7.82	7.35	6.78	10.81	10.34	9.76	14.03	13.16	12.60	16.42	16.00	15.56	18.73	18.27	17.80	21.02	20.52	20.03	23.29	22.77	22.26
	T/R	5.40	5.50	5.20	9.80	9.20	8.40	14.10	13.50	12.70	19.10	17.90	17.10	23.40	22.80	22.10	28.10	27.30	26.50	33.10	32.30	31.40	38.70	37.80	36.80
	AMPS*	4.51	4.86	5.18	4.90	5.19	5.48	5.22	5.51	5.80	5.53	5.78	6.08	5.76	6.07	6.38	5.99	6.30	6.63	6.25	6.57	6.92	6.57	6.92	7.29
	HI PR	203	220	237	219	234	250	235	251	268	255	270	287	274	292	310	296	314	332	321	339	358	350	368	387
	LO PR	42	42	43	54	54	55	68	68	68	83	84	84	101	101	101	121	121	121	143	143	144	167	168	168

† 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 HCH636GKA200 Size Outdoor With FVM4X60** 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	13.21	12.66	17.91	17.38	16.83	22.88	21.98	21.26	26.93	26.55	26.16	31.23	30.75	30.29	35.79	35.23	34.68	40.74	40.04	39.35	46.22	45.39	44.58
	T/R	12.70	12.20	11.60	17.00	16.40	15.90	22.30	21.40	20.60	27.00	26.60	26.10	32.20	31.70	31.10	38.10	37.40	36.70	44.70	43.80	43.00	52.30	51.30	50.20
	AMPS*	8.28	8.69	9.12	8.75	9.19	9.65	9.36	9.77	10.23	9.90	10.41	10.94	10.54	11.06	11.60	11.30	11.82	12.40	12.20	12.76	13.34	13.18	13.82	14.49
	HI PR	225	240	257	240	256	273	259	275	292	278	296	315	300	319	338	326	346	366	358	378	398	393	415	437
	LO PR	38	38	38	49	49	49	61	61	61	75	75	75	90	90	91	107	108	108	127	127	127	149	150	150
975	MBH†	13.88	13.33	12.77	18.06	17.52	16.98	23.03	22.62	21.45	27.11	26.72	26.31	31.46	30.98	30.51	36.10	35.54	34.98	41.16	40.45	39.75	46.68	45.96	45.14
	T/R	11.80	11.30	10.80	15.80	15.30	14.80	20.70	20.30	19.20	25.10	24.70	24.20	30.00	29.50	28.90	35.40	34.80	34.20	41.70	40.90	40.10	48.80	47.90	47.00
	AMPS*	8.26	8.67	9.10	8.70	9.14	9.60	9.26	9.73	10.14	9.77	10.27	10.80	10.37	10.89	11.43	11.09	11.61	12.17	11.96	12.50	13.07	12.78	13.38	14.02
	HI PR	222	238	254	236	252	269	254	272	287	272	290	309	292	311	330	317	336	356	348	367	387	378	398	420
	LO PR	38	38	38	49	49	49	61	61	61	75	75	75	90	90	91	107	108	108	127	127	127	149	149	150
1050	MBH†	13.99	13.44	12.88	18.20	17.66	17.11	23.16	22.76	21.63	27.27	26.87	26.46	31.66	31.18	30.70	36.37	35.80	35.24	41.52	40.80	40.09	46.97	46.28	45.55
	T/R	11.10	10.60	10.10	14.80	14.30	13.80	19.30	19.00	18.00	23.40	23.00	22.60	28.00	27.50	27.00	33.10	32.60	32.00	39.00	38.30	37.50	45.60	44.80	44.00
	AMPS*	8.24	8.66	9.09	8.66	9.10	9.56	9.18	9.66	10.08	9.66	10.16	10.69	10.23	10.75	11.28	10.92	11.44	11.99	11.76	12.29	12.85	12.52	13.07	13.67
	HI PR	220	236	252	233	249	266	250	267	283	266	284	303	286	304	324	309	328	348	339	358	378	367	386	407
	LO PR	38	38	38	49	49	49	61	61	61	74	75	75	90	90	91	107	107	108	126	127	127	148	149	149
1200	MBH†	14.18	13.63	13.05	18.44	17.89	17.31	23.36	22.99	21.92	27.54	27.13	26.72	32.02	31.52	31.04	36.81	36.23	35.66	42.09	41.38	40.65	47.10	46.54	45.91
	T/R	9.80	9.40	9.00	13.10	12.70	12.30	17.10	16.80	15.90	20.70	20.40	20.00	24.80	24.30	23.90	29.40	28.80	28.30	34.60	34.00	33.30	40.00	39.40	38.80
	AMPS*	8.23	8.65	9.08	8.60	9.05	9.51	9.07	9.56	9.98	9.51	10.00	10.52	10.03	10.54	11.07	10.68	11.19	11.73	11.33	11.88	12.51	12.14	12.68	13.25
	HI PR	216	232	249	228	244	261	243	260	276	257	275	294	275	294	313	297	315	335	320	340	362	350	369	389
	LO PR	38	38	38	48	49	49	61	61	61	74	75	75	90	90	90	107	107	108	126	126	127	146	147	148

Low Heat HCH636GKA200 Size Outdoor With FVM4X60** 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†	9.56	8.75	7.89	12.50	11.78	11.03	15.65	14.99	14.31	18.88	18.26	17.64	22.67	21.73	20.94	25.24	24.82	24.42	27.66	27.20	26.74	29.86	29.37	28.85
	T/R	9.50	8.60	7.80	13.00	12.20	11.40	17.20	16.50	15.70	22.00	21.20	20.50	28.10	26.90	25.80	33.40	32.80	32.10	39.20	38.50	37.70	45.60	44.80	43.90
	AMPS*	7.31	7.61	7.92	7.29	7.61	7.94	7.33	7.66	8.02	7.41	7.77	8.15	7.63	7.96	8.34	7.77	8.19	8.65	7.97	8.42	8.88	8.26	8.71	9.17
	HI PR	214	228	243	226	241	256	240	256	272	258	274	291	281	296	313	303	322	341	329	348	367	358	378	398
	LO PR	40	41	41	52	52	53	66	66	66	80	81	81	97	97	98	116	116	116	136	137	137	159	160	160
780	MBH†	9.69	8.86	7.99	12.65	11.92	11.17	15.82	15.16	14.47	19.08	18.47	17.84	22.85	22.39	21.19	25.45	25.02	24.62	27.93	27.46	26.99	30.18	29.68	29.17
	T/R	8.80	8.10	7.30	12.20	11.40	10.70	16.10	15.40	14.60	20.50	19.80	19.10	26.10	25.60	24.10	31.10	30.50	29.90	36.60	35.90	35.20	42.60	41.80	41.00
	AMPS*	7.30	7.60	7.91	7.26	7.58	7.92	7.28	7.61	7.97	7.33	7.69	8.07	7.50	7.90	8.22	7.61	8.02	8.48	7.77	8.21	8.67	8.01	8.46	8.92
	HI PR	212	226	241	223	238	254	237	252	269	253	269	286	274	292	307	295	313	332	319	338	357	347	366	386
	LO PR	40	41	41	52	52	53	65	66	66	80	81	81	97	97	98	115	116	116	136	137	137	159	159	160
840	MBH†	9.80	8.96	8.09	12.78	12.05	11.29	15.97	15.30	14.62	19.26	18.65	18.01	23.02	22.56	21.44	25.64	25.20	24.79	28.16	27.69	27.22	30.46	29.95	29.44
	T/R	8.30	7.60	6.80	11.40	10.70	10.00	15.10	14.40	13.70	19.20	18.60	17.90	24.40	23.90	22.70	29.10	28.50	28.00	34.20	33.60	32.90	39.90	39.20	38.40
	AMPS*	7.30	7.59	7.91	7.24	7.56	7.90	7.24	7.57	7.93	7.27	7.62	8.00	7.40	7.79	8.13	7.48	7.89	8.33	7.61	8.03	8.49	7.81	8.25	8.71
	HI PR	211	225	240	221	236	252	234	249	266	249	265	282	269	286	302	288	306	325	310	329	349	336	356	376
	LO PR	40	41	41	52	52	53	65	66	66	80	81	81	97	97	98	115	116	116	136	136	137	158	159	160
960	MBH†	9.97	9.14	8.25	13.00	12.26	11.44	16.23	15.56	14.82	19.57	18.93	18.25	23.28	22.84	21.76	25.95	25.51	25.07	28.55	28.07	27.59	30.92	30.41	29.89
	T/R	7.40	6.80	6.10	10.20	9.60	8.90	13.40	12.80	12.20	17.10	16.50	15.90	21.60	21.20	20.10	25.70	25.20	24.80	30.40	29.80	29.20	35.40	34.80	34.10
	AMPS*	7.29	7.60	7.92	7.22	7.53	7.87	7.18	7.51	7.87	7.17	7.52	7.89	7.25	7.64	7.97	7.28	7.68	8.10	7.36	7.77	8.21	7.49	7.92	8.38
	HI PR	208	223	238	217	232	248	228	244	261	242	258	275	259	277	293	276	294	313	296	315	334	320	339	359
	LO PR	40	41	41	52	52	53	65	66	66	80	80	81	97	97	97	115	115	116	135	136	136	158	158	159

† 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 HCH648GKA200 Size Outdoor With FVM4X48** Indoor Heating**

CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																							
		3			7			17			27			37			47			57			67		
		Entering Indoor Temperature Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1200	MBH†	17.97	17.65	17.13	23.15	22.65	22.03	29.65	29.20	27.68	35.05	34.52	33.94	40.86	40.17	39.48	47.00	46.20	45.41	53.46	52.55	51.70	60.50	59.63	58.75
	T/R	12.70	12.40	12.10	16.70	16.30	15.90	21.90	21.60	20.40	26.60	26.10	25.60	31.70	31.10	30.50	37.40	36.70	36.00	43.60	42.80	42.00	50.70	49.90	49.00
	AMPS*	11.54	12.28	13.00	12.36	13.04	13.72	13.38	14.06	14.61	14.32	14.99	15.70	15.39	16.06	16.79	16.60	17.32	18.08	18.04	18.79	19.59	19.38	20.22	21.09
	HI PR	226	243	259	241	258	275	263	280	295	284	302	321	309	328	347	338	358	377	373	392	412	406	426	446
	LO PR	36	36	36	47	47	47	59	59	59	72	72	73	87	88	88	104	105	105	123	124	124	145	145	146
1300	MBH†	18.06	17.75	17.26	23.28	22.80	22.20	29.83	29.41	27.91	35.29	34.77	34.20	41.21	40.52	39.82	47.42	46.62	45.82	54.04	53.06	52.16	60.92	60.01	59.15
	T/R	11.80	11.60	11.20	15.50	15.20	14.70	20.40	20.00	19.00	24.70	24.30	23.80	29.50	29.00	28.40	34.80	34.20	33.50	40.70	39.90	39.10	47.10	46.30	45.60
	AMPS*	11.53	12.27	12.99	12.31	13.00	13.69	13.29	13.98	14.54	14.20	14.87	15.58	15.24	15.91	16.62	16.39	17.10	17.85	17.70	18.49	19.29	19.02	19.82	20.67
	HI PR	223	240	257	238	255	272	258	276	291	278	296	315	302	320	340	330	349	369	362	382	402	394	414	434
	LO PR	36	36	36	47	47	47	59	59	59	72	72	73	87	88	88	104	105	105	123	123	124	144	145	145
1400	MBH†	18.16	17.87	17.40	23.41	22.97	22.38	29.97	29.59	28.16	35.51	34.99	34.43	41.51	40.82	40.12	47.81	47.00	46.19	54.58	53.59	52.61	61.21	60.34	59.46
	T/R	11.00	10.80	10.50	14.50	14.20	13.80	19.00	18.70	17.80	23.10	22.70	22.30	27.60	27.10	26.60	32.60	32.00	31.40	38.20	37.40	36.70	44.00	43.30	42.50
	AMPS*	11.53	12.27	13.01	12.29	12.98	13.67	13.23	13.92	14.49	14.11	14.79	15.49	15.12	15.79	16.50	16.25	16.94	17.68	17.41	18.19	19.02	18.74	19.52	20.36
	HI PR	221	238	255	235	252	269	254	272	287	273	291	310	296	314	333	323	342	361	352	372	393	384	404	424
	LO PR	36	36	36	47	47	47	59	59	59	72	72	73	87	88	88	104	104	105	123	123	124	143	144	145
1600	MBH†	18.34	18.11	17.67	23.67	23.27	22.71	30.22	29.91	28.66	35.87	35.38	34.84	42.01	41.34	40.64	48.45	47.64	46.82	55.23	54.36	53.46	61.47	60.66	59.84
	T/R	9.70	9.60	9.30	12.80	12.60	12.30	16.80	16.60	15.80	20.40	20.10	19.70	24.50	24.00	23.60	28.90	28.40	27.80	33.80	33.20	32.60	38.60	38.10	37.40
	AMPS*	11.57	12.32	13.06	12.29	12.99	13.69	13.17	13.87	14.46	14.01	14.69	15.38	14.98	15.65	16.34	16.05	16.73	17.45	17.06	17.80	18.58	18.34	19.11	19.92
	HI PR	218	234	251	230	247	264	247	265	281	264	283	301	286	304	323	311	330	349	336	356	376	368	388	408
	LO PR	36	36	36	47	47	47	59	59	59	72	72	72	87	87	88	104	104	105	122	123	123	141	142	143

Low Heat HCH648GKA200 Size Outdoor With FVM4X48** Indoor Heating**

CFM		Outdoor Ambient Temperature Degrees F, Dry Bulb																							
		3			7			17			27			37			47			57			67		
		Entering Indoor Temperature Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
960	MBH†	10.75	9.82	9.86	15.52	14.61	13.59	20.06	19.16	18.18	24.42	23.53	22.58	29.36	28.66	27.03	33.07	32.39	31.72	36.89	36.17	35.43	40.84	40.06	39.28
	T/R	8.60	7.90	7.90	12.90	12.20	11.30	17.40	16.60	15.70	22.20	21.30	20.40	27.90	27.20	25.50	32.90	32.20	31.40	38.60	37.70	36.90	45.00	44.00	43.10
	AMPS*	9.62	10.04	10.57	9.93	10.38	10.83	10.22	10.70	11.19	10.53	11.03	11.55	10.99	11.55	11.98	11.36	11.96	12.58	11.84	12.46	13.10	12.49	13.13	13.80
	HI PR	211	225	242	226	241	255	243	258	274	261	277	293	286	303	316	309	327	346	337	355	374	370	389	409
	LO PR	40	40	40	51	51	52	64	64	65	79	79	80	95	96	96	114	114	115	134	135	136	157	158	158
1040	MBH†	10.91	9.96	9.99	15.72	14.79	13.77	20.30	19.39	18.41	24.72	23.82	22.88	29.61	28.96	27.47	33.39	32.72	32.04	37.30	36.57	35.82	41.32	40.53	39.74
	T/R	8.10	7.40	7.40	12.10	11.40	10.60	16.30	15.50	14.70	20.70	19.90	19.10	25.90	25.30	24.00	30.70	30.00	29.30	36.00	35.20	34.40	42.00	41.10	40.20
	AMPS*	9.64	10.06	10.59	9.91	10.36	10.83	10.17	10.65	11.15	10.44	10.95	11.47	10.84	11.41	11.86	11.16	11.76	12.38	11.60	12.22	12.85	12.18	12.82	13.48
	HI PR	209	223	241	224	238	253	239	255	270	257	273	289	279	297	311	301	319	338	328	346	365	359	378	398
	LO PR	40	40	40	51	51	52	64	64	65	79	79	80	95	95	96	114	114	115	134	135	135	156	157	158
1120	MBH†	11.03	10.08	9.77	15.89	14.97	13.94	20.50	19.61	18.63	24.98	24.08	23.13	29.85	29.21	27.91	33.67	33.00	32.32	37.64	36.91	36.17	41.76	40.95	40.16
	T/R	7.60	6.90	6.70	11.40	10.70	9.90	15.30	14.60	13.80	19.40	18.70	17.90	24.30	23.70	22.60	28.70	28.10	27.40	33.70	33.00	32.30	39.40	38.60	37.80
	AMPS*	9.66	10.08	10.59	9.91	10.36	10.83	10.13	10.62	11.12	10.37	10.88	11.41	10.72	11.29	11.78	11.00	11.60	12.23	11.40	12.01	12.65	11.87	12.56	13.23
	HI PR	208	222	239	222	237	252	236	252	268	253	269	285	274	292	307	295	313	331	320	338	357	348	369	389
	LO PR	40	40	40	51	51	52	64	64	65	79	79	79	95	95	96	114	114	115	134	134	135	156	157	158
1280	MBH†	11.26	10.31	9.98	16.19	15.26	14.24	20.85	19.97	18.99	25.43	24.53	23.58	30.22	29.61	28.92	34.15	33.48	32.79	38.21	37.49	36.74	42.41	41.68	40.87
	T/R	6.80	6.20	6.00	10.10	9.50	8.90	13.60	13.00	12.30	17.30	16.70	16.00	21.50	21.00	20.50	25.50	24.90	24.40	30.00	29.30	28.70	35.00	34.40	33.60
	AMPS*	9.71	10.14	10.64	9.92	10.38	10.85	10.09	10.58	11.09	10.28	10.79	11.32	10.55	11.11	11.70	10.77	11.36	11.98	11.10	11.71	12.34	11.40	12.06	12.76
	HI PR	206	220	237	218	233	249	232	247	263	246	263	279	265	283	301	284	302	321	307	325	344	331	351	372
	LO PR	40	40	40	51	51	52	64	64	65	78	79	79	95	95	96	113	114	114	134	134	135	155	156	157

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

High Heat HCH660GKA200 Size Outdoor With FVM4X60** 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†	23.79	22.84	21.87	29.29	28.50	27.71	36.45	36.04	34.56	42.81	42.34	41.89	50.01	49.45	48.89	57.93	57.25	56.55	66.85	66.02	65.16	75.37	74.43	73.45
	T/R	13.90	13.30	12.70	17.40	16.90	16.40	22.00	21.70	20.80	26.40	26.00	25.70	31.40	31.00	30.60	37.10	36.60	36.10	43.70	43.10	42.40	50.30	49.60	48.80
	AMPS*	14.16	14.77	15.38	15.03	15.68	16.36	16.15	16.89	17.50	17.26	18.03	18.85	18.58	19.40	20.27	20.13	20.99	21.88	21.65	22.54	23.49	23.59	24.56	25.58
	HI PR	229	245	261	243	259	276	262	280	296	281	300	320	305	325	345	334	354	374	362	382	403	398	419	441
	LO PR	35	36	36	46	46	47	58	58	59	72	72	72	87	87	87	103	103	104	122	122	122	140	141	142
1625	MBH†	24.02	23.07	22.08	29.54	28.74	27.94	36.69	36.27	34.84	43.07	42.61	42.15	50.33	49.77	49.21	58.31	57.63	56.94	67.16	66.38	65.56	75.53	74.67	73.74
	T/R	12.90	12.40	11.80	16.20	15.70	15.20	20.50	20.20	19.30	24.50	24.20	23.90	29.20	28.80	28.40	34.50	34.00	33.50	40.50	40.00	39.40	46.50	45.90	45.20
	AMPS*	14.21	14.82	15.43	15.04	15.69	16.38	16.11	16.84	17.47	17.18	17.94	18.74	18.44	19.24	20.10	19.92	20.76	21.65	21.34	22.23	23.15	23.17	24.12	25.13
	HI PR	226	242	258	239	256	273	257	275	291	275	294	314	298	317	337	325	345	365	351	371	392	385	406	428
	LO PR	35	36	36	46	46	47	58	58	59	72	72	72	87	87	87	103	103	104	121	121	122	139	140	141
1750	MBH†	24.26	23.30	22.32	29.79	28.99	28.18	36.89	36.48	35.20	43.31	42.85	42.39	50.62	50.06	49.50	58.70	58.00	57.30	67.40	66.64	65.85	75.47	74.68	73.83
	T/R	12.10	11.60	11.10	15.10	14.70	14.30	19.10	18.90	18.10	22.90	22.60	22.30	27.30	26.90	26.50	32.20	31.80	31.30	37.80	37.30	36.70	43.20	42.60	42.00
	AMPS*	14.27	14.88	15.50	15.07	15.73	16.41	16.10	16.83	17.47	17.12	17.89	18.68	18.34	19.13	19.99	19.71	20.60	21.48	21.12	21.99	22.92	22.84	23.78	24.77
	HI PR	224	240	256	236	253	270	253	271	287	270	289	309	291	311	331	317	337	358	343	362	383	374	395	416
	LO PR	35	36	36	46	46	47	58	58	59	72	72	72	87	87	87	103	103	103	120	121	121	138	139	139
2000	MBH†	24.72	23.75	22.75	30.26	29.44	28.63	37.26	36.85	36.40	43.75	43.28	42.82	51.14	50.57	50.01	59.34	58.68	57.99	67.57	66.90	66.19	72.61	72.84	72.85
	T/R	10.80	10.30	9.90	13.50	13.10	12.70	16.90	16.70	16.40	20.20	20.00	19.70	24.10	23.80	23.40	28.50	28.10	27.70	33.10	32.70	32.30	36.30	36.40	36.30
	AMPS*	14.42	15.04	15.67	15.18	15.83	16.52	16.12	16.86	17.60	17.10	17.86	18.65	18.25	19.04	19.87	19.43	20.29	21.20	20.84	21.70	22.60	21.99	23.04	24.13
	HI PR	221	236	253	231	248	265	246	264	283	262	280	300	282	301	320	303	323	344	329	348	369	348	372	396
	LO PR	35	35	36	46	46	47	58	58	58	72	72	72	86	87	87	103	103	103	119	120	120	131	133	136

Low Heat HCH660GKA200 Size Outdoor With FVM4X60** 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†	13.69	12.56	12.10	19.50	18.42	17.17	25.04	23.98	22.80	30.30	29.23	28.07	35.80	35.00	33.24	39.55	38.74	37.87	42.98	42.09	41.18	46.15	45.24	44.31
	T/R	8.50	7.80	7.50	12.70	12.00	11.20	17.30	16.50	15.70	22.20	21.40	20.50	27.90	27.20	25.80	33.00	32.20	31.40	38.50	37.60	36.70	44.60	43.60	42.60
	AMPS*	11.62	12.12	12.69	11.97	12.50	13.03	12.35	12.91	13.48	12.77	13.35	13.95	13.35	14.01	14.52	13.81	14.50	15.20	14.35	15.05	15.78	14.80	15.53	16.31
	HI PR	209	223	239	224	239	254	241	256	272	260	276	292	284	302	316	307	325	344	334	352	371	359	378	398
	LO PR	40	40	41	51	52	52	64	64	65	78	79	79	94	95	96	113	113	114	133	134	134	155	156	157
1300	MBH†	13.81	12.73	12.28	19.67	18.60	17.37	25.29	24.24	23.05	30.62	29.55	28.41	36.10	35.36	33.69	39.97	39.13	38.28	43.47	42.58	41.66	46.62	45.78	44.86
	T/R	7.90	7.30	7.00	11.90	11.20	10.40	16.10	15.40	14.60	20.70	19.90	19.10	26.00	25.40	24.10	30.70	30.00	29.30	35.90	35.10	34.30	41.60	40.80	39.90
	AMPS*	11.65	12.16	12.74	11.97	12.50	13.04	12.31	12.87	13.45	12.68	13.27	13.87	13.20	13.86	14.40	13.61	14.29	15.00	14.09	14.79	15.52	14.45	15.18	15.93
	HI PR	207	222	238	222	236	252	237	253	269	255	272	288	278	296	310	300	318	336	325	343	362	348	367	387
	LO PR	40	40	41	51	51	52	64	64	65	78	79	79	94	95	95	113	113	114	133	133	134	154	155	156
1400	MBH†	13.95	12.89	12.44	19.87	18.80	17.58	25.53	24.50	23.32	30.92	29.87	28.73	36.39	35.67	34.38	40.32	39.50	38.63	43.89	43.01	42.08	47.03	46.18	45.31
	T/R	7.40	6.80	6.60	11.10	10.50	9.80	15.10	14.50	13.70	19.40	18.70	17.90	24.30	23.80	22.90	28.80	28.20	27.50	33.70	32.90	32.10	39.00	38.20	37.40
	AMPS*	11.69	12.21	12.78	11.98	12.51	13.06	12.28	12.85	13.43	12.62	13.21	13.82	13.08	13.75	14.34	13.45	14.13	14.84	13.88	14.58	15.30	14.19	14.91	15.65
	HI PR	206	221	237	220	235	250	235	250	266	252	268	284	273	290	307	293	311	330	317	335	354	339	358	377
	LO PR	40	40	41	51	51	52	64	64	65	78	79	79	94	95	95	112	113	113	132	133	134	154	155	156
1600	MBH†	14.22	13.13	11.89	20.21	19.16	17.95	25.94	24.93	23.79	31.45	30.41	29.27	36.86	36.13	35.34	40.89	40.09	39.23	44.64	43.75	42.79	47.64	46.81	45.96
	T/R	6.60	6.10	5.50	9.90	9.40	8.80	13.40	12.90	12.30	17.30	16.70	16.00	21.60	21.10	20.60	25.60	25.00	24.40	30.00	29.30	28.60	34.50	33.90	33.20
	AMPS*	11.79	12.31	12.83	12.02	12.56	13.12	12.27	12.85	13.44	12.55	13.14	13.75	12.92	13.58	14.26	13.22	13.90	14.60	13.48	14.23	14.99	13.81	14.51	15.25
	HI PR	204	219	234	216	231	247	230	246	262	245	261	278	264	282	300	283	301	319	302	322	342	325	343	363
	LO PR	40	40	41	51	51	52	64	64	64	78	78	79	94	94	95	112	113	113	132	133	133	153	154	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.

ACCESSORY USAGE GUIDELINES

Accessory	REQUIRED FOR LOW AMBIENT COOLING APPLICATIONS (16 SEER Product Only) (Below 55°F / 12.8°C)	REQUIRED FOR LONG LINE APPLICATIONS*	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles/3.22km)
Compressor Start Assist Capacitor and Relay	NO	No	No
Crankcase Heater	Yes, Standard	Yes, Standard	No
Liquid Line Solenoid Valve	No	See Long Line Applications Guideline	No
Support Feet	Recommended	No	Recommended
Hard Shutoff TXV	Yes (Standard with factory approved indoor unit)	Yes (Standard with factory approved indoor unit)	Yes (Standard with factory approved indoor unit)
Evaporator Freeze Thermostat	Yes	No	No
Low Ambient Pressure Switch	Yes	No	No
Isolation Relay	Yes	No	No

* For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 20 ft. (6.09 m) vertical differential, refer to Long Line Applications Guideline.

ACCESSORIES

Part Number	Description	Used On GKA100 Model Size	Used On GKA200/300 Model Size
NASA001LS	Liquid Line Solenoid Valve, HP, R-22 or R-410A	ALL	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL	ALL
NASA00201SF	Support Feet, 4" (102mm) tall	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
NASA00201FS	Evaporator Freeze Thermostat	N/A	ALL
NASA401LA	Low Ambient Kit (Pressure Switch) R-410A	N/A	ALL
NASA00101IK	Isolation Relay Kit	N/A	ALL

WALL CONTROL

SYST0101CW	Ion System Control	ALL	ALL
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