



COOLING CAPACITY:
24,000 - 59,000 BTU/H

GPC13H

13 SEER

2- TO 5-TON

PACKAGED AIR CONDITIONER



The KlimaIRE GPC13H 13 SEER Packaged Air Conditioner features energy-efficient cooling and heating performance in one self-contained unit. The GPC13H is housed in a heavy-gauge, galvanized-steel cabinet protected by a high quality, UV-resistant powder-paint finish. This unit allows for ground-level or rooftop applications, and is approved for manufactured or modular homes.

Standard Features

- Energy-efficient compressor with internal relief valve
- PSC blower motor; EEM blower motor on 5-ton units
- Quiet horizontal discharge
- Copper tube/aluminum fin coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged R-22 system
- 5 kW to 20 kW electric heat kit available as a field-installed option
- ARI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; three heights

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NOMENCLATURE

	G		P	H	13	36	H	2	1	A	*	
	1	2	3	4,5	6,7	8	9	10	11	12		
Brand	G		P	H	13	36	H	2	1	A	*	Engineering
G Klimate												Minor Revision
Product Category	P		H	13	36	H	2	1	A	*		Engineering
P Packaged Unit												Major Revision
Type	H		13	36	H	2	1	A	*			Voltage Designator
H Heat Pump												1 208-230/1/60
C Air Conditioner	C		13	36	H	2	1	A	*			3 208-230/3/60
												4 460/3/60
Efficiency	13		15	16	13	36	H	2	1	A	*	Refrigerant
13 13 SEER												2 R-22
14 14 SEER	14		15	16	13	36	H	2	1	A	*	4 R-410A
16 16 SEER												
Nominal Capacity	24		42	48	30	36	H	2	1	A	*	Configuration
24 2 Tons												H Horizontal
30 2½ tons	30		42	48	30	36	H	2	1	A	*	M Multi-position
36 3 Tons												
	42		48	54	30	36	H	2	1	A	*	

SPECIFICATIONS

	GPC13-24H21A*	GPC13-30H21A*	GPC13-36H21A*	GPC13-42H21A*	GPC13-48H21A*	GPC13-60H21A*
Cooling Capacity						
Total BTU/h	24,000	28,000	34,600	41,800	47,600	59,000
Sensible BTU/h	18,000	21,000	26,000	31,400	35,600	44,200
EER	11.3	11.3	11.3	11.3	11.3	11.1
SEER	13.0	13.0	13.0	13.0	13.0	13.0
Decibels	76	76	78	78	80	80
Evaporator Motor						
Type	DD	DD	DD	DD	DD	X-13
Nominal Cooling CFM	815	1,080	1,205	1,410	1,585	1,985
Wheel (D x W)	9 x 6	9 x 6	9 x 8	10 x 8	10 x 8	11 x 8
RLA/LRA	1.5 / 2.2	2.4 / 3.2	2.4 / 3.2	3.9 / 4.9	3.9 / 4.9	6.0 / 8.0
No. of Speeds	3	3	3	3	3	3
Horsepower - RPM	¼ - 1075	⅓ - 1075	⅓ - 1075	½ - 1075	½ - 1075	¾ - 1075
Evaporator Coil						
Face Area (ft²)	4.6	4.6	5.2	6.2	6.2	7.0
Rows Deep/ Fins per Inch	3/14	3/14	3/14	4/14	4/14	4/14
Filter Size (ft²)	20 x 20 x 1	20 x 25 x 1	25 x 25 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	88	82	80	122	224	219
Condenser Fan / Coil						
Horsepower - RPM	1/6 - 840	1/4 - 1075	1/4 - 1075	1/4 - 1075	1/3 - 1075	1/3 - 1075
RLA/LRA	1.1 / 1.7	1.6 / 3.3	1.6 / 3.3	1.6 / 3.3	2.4 / 5.2	2.4 / 5.2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 4	22 / 4
Face Area (ft²)	13.6	13.6	14.6	17.2	17.8	19.1
Rows Deep/ Fins per Inch	1 / 19	1 / 19	1 / 19	1 / 19	2 / 16	2 / 16
Electrical Data						
Voltage/Phase/ Frequency	208-230/1/60					
Compressor RLA/LRA	9.2 / 43	9.7 / 49	12.2 / 73	16.5 / 95	20.0 / 104	25.0 / 148
Indoor Blower FLA	1.5	2.4	2.4	3.9	3.9	6.0
Outdoor Fan RLA	1.1	1.6	1.6	1.6	2.4	2.4
Total Unit Amps	12.7	13.7	16.2	22.0	26.4	32.4
Min. Circuit Ampacity ¹	14.1	16.1	19.3	26.1	31.4	39.8
MOD (amps) ²	20	20	30	40	50	60
Ship Weight (lbs)	310	310	370	370	400	400

Notes:
¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² Maximum Overcurrent Protection Device (MOD): May use fuses or HACR-type circuit breakers of the same size as noted.

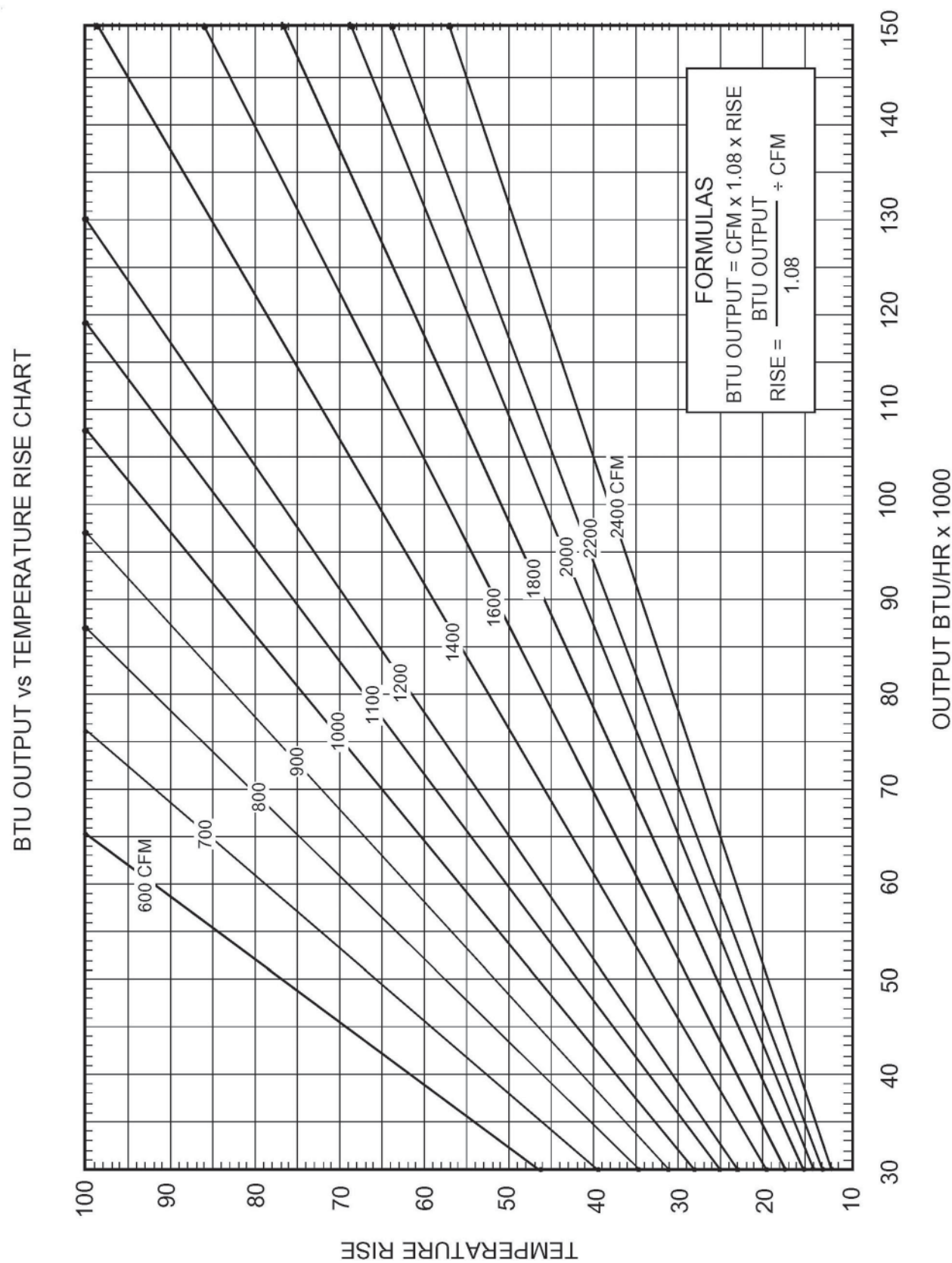
EVAPORATOR BLOWER SPECIFICATIONS

Model	Speed	Volts		E.S.P (In. of H ₂ O)							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
GPC1324H21A*	Low	230	CFM	630	580	545	500	470	-	-	-
			Watts	155	150	145	140	135	-	-	-
	Med	230	CFM	865	815	770	720	670	610	555	-
			Watts	230	220	215	210	200	195	185	-
	High	230	CFM	1,190	1,130	1,060	990	935	845	770	680
			Watts	370	360	345	335	320	310	290	275
GPC1330H21A*	Low	230	CFM	1,150	1,080	1,025	975	925	845	-	-
			Watts	340	330	315	305	295	280	-	-
	Med	230	CFM	1,335	1,275	1,205	1,135	1,075	985	910	845
			Watts	425	415	400	385	370	350	330	310
	High	230	CFM	1,435	1,355	1,280	1,200	1,120	1,030	950	875
			Watts	485	465	455	435	415	400	385	370
GPC1336H21A*	Low	230	CFM	1,180	1,125	1,075	1,020	955	875	655	-
			Watts	335	325	315	305	295	275	240	-
	Med	230	CFM	1,350	1,280	1,205	1,130	1,050	985	910	845
			Watts	435	420	405	385	375	350	330	310
	High	230	CFM	1,450	1,370	1,290	1,205	1,130	1,040	960	885
			Watts	495	480	465	440	425	400	385	370
GPC1342H21A*	Low	230	CFM	1,425	1,410	1,355	1,310	1,245	1,170	1,080	-
			Watts	450	445	430	420	405	390	370	-
	Med	230	CFM	1,620	1,595	1,545	1,485	1,425	1,345	1,250	1,160
			Watts	550	540	525	510	495	475	450	425
	High	230	CFM	1,945	1,935	1,875	1,800	1,730	1,635	1,535	1,440
			Watts	765	755	735	715	695	670	640	615
GPC1348H21A*	Low	230	CFM	1,425	1,410	1,355	1,310	1,245	1,170	1,080	-
			Watts	450	445	430	420	405	390	370	-
	Med	230	CFM	1,720	1,660	1,585	1,520	1,460	1,365	1,270	-
			Watts	560	555	540	530	520	490	470	-
	High	230	CFM	2,110	2,060	1,980	1,895	1,795	1,705	1,590	1,500
			Watts	785	780	765	745	720	705	665	625
GPC1360H21A*	“T” 1 Low	230	CFM	1,860	1,800	1,745	1,695	1,650	1,600	1,555	1,500
			Watts	410	425	440	455	470	480	495	500
	“T” 2 Med	230	CFM	1,990	1,945	1,885	1,835	1,785	1,740	1,695	1,645
			Watts	510	520	530	545	555	570	585	590
	“T” 3 High	230	CFM	2,100	2,045	1,985	1,945	1,895	1,850	1,800	1,750
			Watts	595	610	620	630	645	660	670	680

Notes:

- Data shown is dry coil; wet coil pressure drop is approximate.
- 0.1" H₂O, for two-row indoor coil; 0.2" H₂O, for three-row indoor coil; and 0.3" H₂O, for four-row indoor coil
- Data shown does not include filter pressure drop of approximately 0.08" H₂O.
- ALL MODELS SHOULD RUN NO LESS THAN 350 CFM/TON. USE HIGHER SPEED TAP OR NEXT SIZE LARGER BLOWER ASM. See Repair Parts list.
- Reduce airflow by 2% for 208-volt operation.

EVAPORATOR BLOWER SPECIFICATIONS (CONT.)



PRODUCT SPECIFICATIONS

COOLING DATA SUMMARY

GPC1324H21A*

Indoor Air		Condenser Air Temperature														
		75			85			95			105			115		
		Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts
SCFM	WB	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH
680	72	27.8	13.5	1.88	26.6	13.0	1.98	25.2	12.4	2.06	23.8	11.9	2.16	22.3	11.3	2.26
	67	25.4	16.7	1.76	24.2	16.2	1.84	23.0	15.7	1.94	21.6	15.1	2.04	20.2	15.1	2.14
	62	23.5	19.8	1.64	22.3	19.3	1.74	21.7	18.7	1.84	21.1	18.2	1.94	19.9	17.5	2.02
	57	22.6	21.4	1.60	21.6	20.5	1.70	20.6	19.6	1.80	19.4	18.5	1.92	18.5	17.5	2.00
800	72	29.0	14.9	1.94	27.6	14.4	2.02	26.2	13.9	2.12	24.7	13.5	2.22	23.0	12.8	2.32
	67	26.6	19.1	1.82	25.4	18.5	1.90	24.0	18.0	2.00	22.6	17.5	2.10	21.1	16.9	2.20
	62	24.7	22.9	1.72	23.5	22.1	1.80	22.3	21.2	1.90	21.4	20.2	2.00	20.2	19.1	2.12
	57	24.5	23.2	1.70	23.3	22.3	1.80	22.3	21.2	1.90	21.4	20.2	2.00	20.2	19.1	2.12
920	72	29.8	16.2	1.98	28.3	15.7	2.06	26.9	15.1	2.16	25.2	14.6	2.26	23.8	14.2	2.36
	67	27.6	21.1	1.86	26.2	20.7	1.94	24.7	20.2	2.04	23.3	19.4	2.14	21.8	18.9	2.24
	62	25.9	24.7	1.78	25.0	23.6	1.88	23.5	22.5	1.98	22.6	21.4	2.08	21.1	20.2	2.20
	57	25.9	24.7	1.78	25.0	23.6	1.88	23.5	22.5	1.98	22.6	21.4	2.08	21.1	20.2	2.20

Sensible heat capacities shown are based on 8°F DB entering air at the evaporator coil.

For sensible heat capacities at other than 80°F DB, deduct 84 BTU/h per 100 CFM of evaporator coil air for each degree below 80°F, or add 84 BTU/h per 100 CFM of evaporator coil air per degree above 80°F.

Capacities at 95°F Outdoor; 75°F DB and 63°F WB Indoor

TOTAL MBTU/h 22.7 SENSIBLE MBTU/h 17.2 LATENT MBTU/h 5.4

GPC1330H21A*

Indoor Air		Condenser Air Temperature														
		75			85			95			105			115		
		Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts
SCFM	WB	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH
793	72	32.5	15.8	2.19	31.1	15.1	2.31	29.4	14.5	2.40	27.7	13.9	2.52	26.0	13.2	2.64
	67	29.7	19.5	2.05	28.3	18.9	2.15	26.9	18.3	2.26	25.2	17.6	2.38	23.5	17.6	2.50
	62	27.4	23.1	1.91	26.0	22.5	2.03	25.3	21.8	2.15	24.6	21.2	2.26	23.2	20.4	2.36
	57	26.3	25.0	1.87	25.2	23.9	1.98	24.1	22.9	2.10	22.7	21.6	2.24	21.6	20.4	2.33
933	72	33.9	17.4	2.26	32.2	16.8	2.36	30.5	16.2	2.47	28.8	15.8	2.59	26.9	14.9	2.71
	67	31.1	22.3	2.12	29.7	21.6	2.22	28.0	21.0	2.33	26.3	20.4	2.45	24.6	19.7	2.57
	62	28.8	26.7	2.01	27.4	25.8	2.10	26.0	24.8	2.22	24.9	23.5	2.33	23.5	22.3	2.47
	57	28.6	27.1	1.98	27.2	26.0	2.10	26.0	24.8	2.22	24.9	23.5	2.33	23.5	22.3	2.47
1073	72	34.7	18.9	2.31	33.0	18.3	2.40	31.4	17.6	2.52	29.4	17.0	2.64	27.7	16.6	2.75
	67	32.2	24.6	2.17	30.5	24.2	2.26	28.8	23.5	2.38	27.2	22.7	2.50	25.5	22.1	2.61
	62	30.2	28.8	2.08	29.1	27.5	2.19	27.4	26.3	2.31	26.3	25.0	2.43	24.6	23.5	2.57
	57	30.2	28.8	2.08	29.1	27.5	2.19	27.4	26.3	2.31	26.3	25.0	2.43	24.6	23.5	2.57

Capacities at 95°F Outdoor; 75°F DB and 63°F WB Indoor

TOTAL MBTU/h 26.4 SENSIBLE MBTU/h 20.1 LATENT MBTU/h 6.3

GPC1336H21A*

Indoor Air		Condenser Air Temperature														
		75			85			95			105			115		
		Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts
SCFM	WB	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH
980	72	40.1	19.5	2.71	38.4	18.7	2.85	36.3	17.9	2.97	34.3	17.2	3.11	32.2	16.4	3.26
	67	36.7	24.2	2.54	34.9	23.4	2.65	33.2	22.6	2.80	31.1	21.8	2.94	29.1	21.8	3.09
	62	33.9	28.6	2.36	32.2	27.8	2.51	31.3	27.0	2.65	30.4	26.3	2.80	28.7	25.2	2.91
	57	32.5	30.9	2.31	31.1	29.6	2.45	29.8	28.3	2.60	28.0	26.8	2.77	26.6	25.2	2.88
1153	72	41.9	21.6	2.80	39.8	20.8	2.91	37.7	20.0	3.06	35.6	19.5	3.20	33.2	18.5	3.34
	67	38.4	27.6	2.62	36.7	26.8	2.74	34.6	26.0	2.88	32.5	25.2	3.03	30.4	24.4	3.17
	62	35.6	33.0	2.48	33.9	32.0	2.60	32.2	30.7	2.74	30.8	29.1	2.88	29.1	27.6	3.06
	57	35.3	33.5	2.45	33.6	32.2	2.60	32.2	30.7	2.74	30.8	29.1	2.88	29.1	27.6	3.06
1326	72	42.9	23.4	2.85	40.8	22.6	2.97	38.8	21.8	3.11	36.3	21.1	3.26	34.3	20.5	3.40
	67	39.8	30.4	2.68	37.7	29.9	2.80	35.6	29.1	2.94	33.6	28.1	3.09	31.5	27.3	3.23
	62	37.4	35.6	2.57	36.0	34.1	2.71	33.9	32.5	2.85	32.5	30.9	3.00	30.4	29.1	3.17
	57	37.4	35.6	2.57	36.0	34.1	2.71	33.9	32.5	2.85	32.5	30.9	3.00	30.4	29.1	3.17

Capacities at 95°F Outdoor; 75°F DB and 63°F WB Indoor

TOTAL MBTU/h 32.7 SENSIBLE MBTU/h 24.9 LATENT MBTU/h 7.8

COOLING DATA SUMMARY (CONT.)

GPC1342H21A*

Indoor Air		Condenser Air Temperature														
		75			85			95			105			115		
		Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts
SCFM	WB	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH
1184	72	48.5	23.6	3.27	46.4	22.6	3.45	43.9	21.7	3.59	41.4	20.7	3.76	38.9	19.8	3.94
	67	44.3	29.2	3.07	42.2	28.3	3.20	40.1	27.3	3.38	37.6	26.4	3.55	35.1	26.4	3.73
	62	41.0	34.5	2.86	38.9	33.6	3.03	37.8	32.7	3.20	36.8	31.7	3.38	34.7	30.5	3.52
	57	39.3	37.4	2.79	37.6	35.8	2.96	35.9	34.2	3.14	33.9	32.3	3.34	32.2	30.5	3.48
1393	72	50.6	26.1	3.38	48.1	25.1	3.52	45.6	24.2	3.69	43.1	23.6	3.87	40.1	22.3	4.04
	67	46.4	33.3	3.17	44.3	32.3	3.31	41.8	31.4	3.48	39.3	30.5	3.66	36.8	29.5	3.83
	62	43.1	39.9	3.00	41.0	38.6	3.14	38.9	37.1	3.31	37.2	35.2	3.48	35.1	33.3	3.69
	57	42.6	40.5	2.96	40.5	38.9	3.14	38.9	37.1	3.31	37.2	35.2	3.48	35.1	33.3	3.69
1602	72	51.8	28.3	3.45	49.3	27.3	3.59	46.8	26.4	3.76	43.9	25.4	3.94	41.4	24.8	4.11
	67	48.1	36.7	3.24	45.6	36.1	3.38	43.1	35.2	3.55	40.5	33.9	3.73	38.0	33.0	3.90
	62	45.1	43.0	3.10	43.5	41.1	3.27	41.0	39.3	3.45	39.3	37.4	3.62	36.8	35.2	3.83
	57	45.1	43.0	3.10	43.5	41.1	3.27	41.0	39.3	3.45	39.3	37.4	3.62	36.8	35.2	3.83

Sensible heat capacities shown are based on 80°F DB entering air at the evaporator coil.

For sensible heat capacities at other than 80°F DB, deduct 84 BTU/h per 100 CFM of evaporator coil air for each degree below 80°F, or add 84 BTU/h per 100 CFM of evaporator coil air per degree above 80°F.

Capacities at 95°F Outdoor; 75°F DB and 63°F WB Indoor

TOTAL MBTU/h 39.5 SENSIBLE MBTU/h 30.1 LATENT MBTU/h 9.4

GPC1348H21A*

Indoor Air		Condenser Air Temperature														
		75			85			95			105			115		
		Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts
SCFM	WB	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH
1349	72	55.2	26.7	3.73	52.8	25.6	3.93	50.0	24.6	4.09	47.1	23.5	4.28	44.3	22.4	4.48
	67	50.5	33.1	3.49	48.1	32.0	3.65	45.7	31.0	3.85	42.8	29.9	4.05	40.0	29.9	4.24
	62	46.6	39.2	3.25	44.3	38.1	3.45	43.1	37.0	3.65	41.9	36.0	3.85	39.5	34.5	4.01
	57	44.7	42.4	3.17	42.8	40.6	3.37	40.9	38.8	3.57	38.6	36.7	3.81	36.7	34.5	3.97
1587	72	57.6	29.5	3.85	54.7	28.5	4.01	51.9	27.4	4.20	49.0	26.7	4.40	45.7	25.3	4.60
	67	52.8	37.7	3.61	50.5	36.7	3.77	47.6	35.6	3.97	44.7	34.5	4.17	41.9	33.5	4.36
	62	49.0	45.2	3.41	46.6	43.8	3.57	44.3	42.0	3.77	42.4	39.9	3.97	40.0	37.7	4.20
	57	48.6	45.9	3.37	46.2	44.1	3.57	44.3	42.0	3.77	42.4	39.9	3.97	40.0	37.7	4.20
1825	72	59.0	32.0	3.93	56.2	31.0	4.09	53.3	29.9	4.28	50.0	28.8	4.48	47.1	28.1	4.68
	67	54.7	41.7	3.69	51.9	40.9	3.85	49.0	39.9	4.05	46.2	38.4	4.24	43.3	37.4	4.44
	62	51.4	48.8	3.53	49.5	46.6	3.73	46.6	44.5	3.93	44.7	42.4	4.13	41.9	39.9	4.36
	57	51.4	48.8	3.53	49.5	46.6	3.73	46.6	44.5	3.93	44.7	42.4	4.13	41.9	39.9	4.36

Capacities at 95°F Outdoor; 75°F DB and 63°F WB Indoor

TOTAL MBTU/h 44.9 SENSIBLE MBTU/h 34.1 LATENT MBTU/h 10.9

GPC1360H21A*

Indoor Air		Condenser Air Temperature														
		75			85			95			105			115		
		Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts	Total	Sens	Watts
SCFM	WB	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH	MBTU/h	MBTU/h	KWH
1672	72	68.4	33.2	4.62	65.5	31.8	4.87	62.0	30.5	5.06	58.4	29.2	5.31	54.9	27.8	5.56
	67	62.5	41.1	4.33	59.6	39.8	4.52	56.6	38.5	4.77	53.1	37.1	5.02	49.6	37.1	5.26
	62	57.8	48.6	4.03	54.9	47.3	4.28	53.4	46.0	4.52	51.9	44.6	4.77	49.0	42.9	4.97
	57	55.5	52.6	3.93	53.1	50.4	4.18	50.7	48.2	4.43	47.8	45.5	4.72	45.4	42.9	4.92
1967	72	71.4	36.7	4.77	67.9	35.4	4.97	64.3	34.0	5.21	60.8	33.2	5.46	56.6	31.4	5.70
	67	65.5	46.9	4.47	62.5	45.5	4.67	59.0	44.2	4.92	55.5	42.9	5.16	51.9	41.5	5.41
	62	60.8	56.1	4.23	57.8	54.4	4.43	54.9	52.2	4.67	52.5	49.5	4.92	49.6	46.9	5.21
	57	60.2	57.0	4.18	57.2	54.8	4.43	54.9	52.2	4.67	52.5	49.5	4.92	49.6	46.9	5.21
2262	72	73.2	39.8	4.87	69.6	38.5	5.06	66.1	37.1	5.31	62.0	35.8	5.56	58.4	34.9	5.80
	67	67.9	51.7	4.57	64.3	50.8	4.77	60.8	49.5	5.02	57.2	47.7	5.26	53.7	46.4	5.51
	62	63.7	60.6	4.38	61.4	57.9	4.62	57.8	55.3	4.87	55.5	52.6	5.11	51.9	49.5	5.41
	57	63.7	60.6	4.38	61.4	57.9	4.62	57.8	55.3	4.87	55.5	52.6	5.11	51.9	49.5	5.41

Capacities at 95°F Outdoor; 75°F DB and 63°F WB Indoor

TOTAL MBTU/h 55.7 SENSIBLE MBTU/h 42.3 LATENT MBTU/h 13.4

EXPANDED COOLING DATA — GPC1324H21*

		Outdoor Ambient Temperature																		105°F						115°F					
		65°F						75°F						85°F																	
		Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	900	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-					
		SbH	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-					
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-					
		kW	1.72	1.75	1.81	-	1.84	1.88	1.94	-	1.95	1.99	2.05	-	2.05	2.09	2.16	-	2.13	2.18	2.25	-	2.20	2.25	2.32	-					
		Amps	5.9	6.1	6.3	-	6.4	6.6	6.8	-	7.0	7.1	7.4	-	7.5	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-					
	800	Hi PR	149	160	169	-	167	179	190	-	190	204	216	-	216	232	245	-	243	262	276	-	269	289	305	-					
		Lo PR	66	70	76	-	69	74	81	-	72	77	84	-	76	81	88	-	79	85	92	-	82	87	95	-					
		MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-					
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-					
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-					
700	kW	1.71	1.74	1.79	-	1.83	1.87	1.92	-	1.94	1.98	2.04	-	2.03	2.08	2.14	-	2.12	2.16	2.23	-	2.19	2.23	2.30	-						
	Amps	5.9	6.0	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.6	7.8	-	7.9	8.1	8.3	-	8.3	8.5	8.8	-						
	Hi PR	147	158	167	-	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-						
	Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-						
	MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-						
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-						
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-						
	kW	1.67	1.70	1.75	-	1.79	1.82	1.88	-	1.89	1.93	1.99	-	1.99	2.03	2.09	-	2.06	2.11	2.17	-	2.13	2.18	2.25	-						
	Amps	5.7	5.9	6.0	-	6.2	6.3	6.5	-	6.7	6.9	7.1	-	7.2	7.4	7.6	-	7.6	7.8	8.1	-	8.1	8.3	8.6	-						
	Hi PR	143	154	162	-	160	172	182	-	182	196	207	-	207	223	236	-	233	251	265	-	258	278	293	-						
	Lo PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	79	84	92	-						

900	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	1.73	1.77	1.82	1.87	1.86	1.90	1.95	2.01	1.97	2.01	2.07	2.14	2.07	2.11	2.18	2.25	2.15	2.20	2.26	2.34	2.22	2.27	2.34	2.42
	Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3
800	Hi PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	245	264	279	291	271	292	308	321
	Lo PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11
700	kW	1.72	1.75	1.81	1.86	1.84	1.88	1.94	2.00	1.95	1.99	2.06	2.12	2.05	2.09	2.16	2.23	2.13	2.18	2.25	2.32	2.20	2.25	2.32	2.40
	Amps	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3
	Hi PR	149	160	169	176	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318
	Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	87	96	102
	MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0
700	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	kW	1.68	1.71	1.76	1.82	1.80	1.84	1.89	1.95	1.91	1.95	2.01	2.07	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.26	2.15	2.20	2.27	2.34
	Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.9	6.8	6.9	7.2	7.4	7.2	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0
	Hi PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	248	236	254	268	279	261	280	296	309
	Lo PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99

Shaded area reflects ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. +fan)
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GPC1324H21* (CONT.)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	900	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3	19.9	20.4	21.8	23.3							
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62							
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15	20	21	18	15							
		kW	1.75	1.78	1.83	1.89	1.87	1.91	1.97	2.03	1.98	2.03	2.09	2.15	2.08	2.13	2.19	2.26	2.17	2.21	2.28	2.36	2.24	2.29	2.36	2.44	2.24	2.29	2.36	2.44							
		Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4	8.6	8.8	9.1	9.4							
	800	HiPR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325	274	295	311	325							
		LoPR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	84	89	97	104							
		MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6	19.3	19.8	21.1	22.6							
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59							
	700	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15	22	22	19	15							
		kW	1.73	1.77	1.82	1.87	1.86	1.90	1.95	2.01	1.97	2.01	2.07	2.14	2.07	2.11	2.18	2.25	2.15	2.20	2.26	2.34	2.22	2.27	2.34	2.42	2.22	2.27	2.34	2.42							
Amps		6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	8.5	8.7	9.0	9.3								
HiPR		150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322	271	292	308	322								
LoPR		66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103	83	88	96	103								

85	900	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		ΔT	25	25	23	20	25	25	23	20	24	25	23	20	24	24	24	20	22	23	23	20	21	21	22	19
		kW	1.76	1.79	1.85	1.90	1.89	1.92	1.98	2.05	2.00	2.04	2.10	2.17	2.10	2.14	2.21	2.28	2.18	2.23	2.30	2.38	2.26	2.31	2.38	2.46
		Amps	6.1	6.2	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.3	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.6	9.0	8.7	8.9	9.2	9.5
		Hi PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	270	285	297	277	298	314	328
		Lo PR	68	72	79	84	72	76	83	89	74	79	86	92	78	83	91	97	82	87	95	101	85	90	98	105
		MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20
800	kW	1.75	1.78	1.83	1.89	1.87	1.91	1.97	2.03	1.98	2.03	2.09	2.15	2.08	2.13	2.19	2.26	2.17	2.21	2.28	2.36	2.24	2.29	2.36	2.44	
	Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4	
	Hi PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325	
	Lo PR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	
	MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
	ΔT	26	26	25	21	27	26	25	21	27	26	25	22	27	26	25	22	26	26	25	21	24	24	23	20	
	kW	1.71	1.74	1.79	1.85	1.83	1.87	1.92	1.98	1.94	1.98	2.04	2.10	2.03	2.08	2.14	2.21	2.11	2.16	2.23	2.30	2.19	2.23	2.30	2.38	
	Amps	5.9	6.0	6.2	6.4	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.2	
	Hi PR	147	158	167	174	165	178	188	196	188	202	213	222	214	230	243	253	241	259	273	285	266	286	302	315	
Lo PR	65	69	76	81	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101		
700	MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
	ΔT	26	26	25	21	27	26	25	21	27	26	25	22	27	26	25	22	26	26	25	21	24	24	23	20	
	kW	1.71	1.74	1.79	1.85	1.83	1.87	1.92	1.98	1.94	1.98	2.04	2.10	2.03	2.08	2.14	2.21	2.11	2.16	2.23	2.30	2.19	2.23	2.30	2.38	
	Amps	5.9	6.0	6.2	6.4	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.2	
	Hi PR	147	158	167	174	165	178	188	196	188	202	213	222	214	230	243	253	241	259	273	285	266	286	302	315	
	Lo PR	65	69	76	81	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	

EXPANDED COOLING DATA — GPC1330H21*

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70		MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.2	26.1	28.6	-	23.9	24.8	27.1	-	22.1	22.9	25.1	-											
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-											
		ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-											
	1181	kW	1.80	1.84	1.89	-	1.93	1.97	2.03	-	2.05	2.09	2.16	-	2.15	2.20	2.27	-	2.24	2.29	2.36	-	2.31	2.36	2.44	-											
		Amps	6.7	6.8	7.0	-	7.2	7.4	7.6	-	7.8	8.0	8.3	-	8.4	8.6	8.9	-	8.9	9.2	9.5	-	9.5	9.7	10.0	-											
		Hi PR	150	162	171	-	169	182	192	-	192	207	218	-	219	235	248	-	246	265	279	-	272	292	309	-											
		Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-											
		MBh	26.3	27.2	29.8	-	25.6	26.6	29.1	-	25.0	25.9	28.4	-	24.4	25.3	27.7	-	23.2	24.1	26.4	-	21.5	22.3	24.4	-											
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-											
		ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-											
		kW	1.79	1.82	1.88	-	1.92	1.96	2.02	-	2.03	2.08	2.14	-	2.13	2.18	2.25	-	2.22	2.27	2.34	-	2.30	2.35	2.42	-											
	Amps	6.6	6.8	7.0	-	7.1	7.3	7.6	-	7.8	8.0	8.2	-	8.3	8.5	8.8	-	8.8	9.1	9.4	-	9.4	9.6	9.9	-												
	Hi PR	149	160	169	-	167	180	190	-	190	205	216	-	216	233	246	-	244	262	277	-	269	290	306	-												
	Lo PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-												
	MBh	24.2	25.1	27.5	-	23.7	24.5	26.9	-	23.1	24.0	26.2	-	22.5	23.4	25.6	-	21.4	22.2	24.3	-	19.8	20.6	22.5	-												
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-												
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-												
	kW	1.75	1.78	1.83	-	1.87	1.91	1.97	-	1.98	2.03	2.09	-	2.08	2.13	2.19	-	2.17	2.21	2.28	-	2.24	2.29	2.36	-												
	Amps	6.4	6.6	6.8	-	6.9	7.1	7.3	-	7.6	7.7	8.0	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-	9.1	9.3	9.7	-												
	Hi PR	144	155	164	-	162	174	184	-	184	198	209	-	210	226	239	-	236	254	268	-	261	281	297	-												
	Lo PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-												

1181	MBh	27.5	28.3	30.7	32.9	26.9	27.7	29.9	32.1	26.2	27.0	29.2	31.4	25.6	26.3	28.5	30.6	24.3	25.0	27.1	29.1	22.5	23.2	25.1	26.9
	S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
	ΔT	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
	kW	1.81	1.85	1.91	1.97	1.95	1.99	2.05	2.11	2.07	2.11	2.17	2.24	2.17	2.22	2.29	2.36	2.26	2.31	2.38	2.46	2.33	2.38	2.46	2.54
	Amps	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.6	9.9	9.6	9.8	10.1	10.5
	Hi PR	152	164	173	180	171	183	194	202	194	209	220	230	221	238	251	262	248	267	282	294	275	295	312	325
	Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102
	MBh	26.7	27.5	29.8	31.9	26.1	26.9	29.1	31.2	25.5	26.2	28.4	30.5	24.8	25.6	27.7	29.7	23.6	24.3	26.3	28.2	21.9	22.5	24.4	26.1
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
1050	kW	1.80	1.84	1.89	1.95	1.93	1.97	2.03	2.10	2.05	2.09	2.16	2.23	2.15	2.20	2.27	2.34	2.24	2.29	2.36	2.44	2.32	2.37	2.44	2.52
	Amps	6.7	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.2	9.5	9.8	9.5	9.7	10.0	10.4
	Hi PR	150	162	171	178	169	182	192	200	192	207	218	228	219	235	248	259	246	265	280	292	272	293	309	322
	Lo PR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101
	MBh	24.6	25.4	27.5	29.5	24.1	24.8	26.8	28.8	23.5	24.2	26.2	28.1	22.9	23.6	25.6	27.4	21.8	22.4	24.3	26.1	20.2	20.8	22.5	24.1
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
	kW	1.76	1.79	1.85	1.90	1.89	1.93	1.99	2.05	2.00	2.04	2.11	2.17	2.10	2.15	2.21	2.28	2.19	2.23	2.30	2.38	2.26	2.31	2.38	2.46
	Amps	6.5	6.6	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.2	8.4	8.6	9.0	8.7	8.9	9.2	9.6	9.2	9.4	9.8	10.1
	Hi PR	146	157	166	173	164	176	186	194	186	200	212	221	212	228	241	251	239	257	271	283	264	284	300	312
	Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98

Shaded area reflects ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. + fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GPC1330H21* (CONT.)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	1181	MBh	28.0	28.6	30.6	32.7	27.3	27.9	29.8	31.9	26.7	27.3	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.9	22.9	23.4	25.0	26.7	22.9	23.4	25.0	26.7							
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62							
		ΔT	21	20	17	14	21	20	17	14	20	21	20	18	14	20	21	18	14	19	20	17	14	18	18	16	13	18	16	13							
		kW	1.83	1.87	1.92	1.98	1.96	2.00	2.07	2.13	2.08	2.13	2.19	2.26	2.19	2.23	2.30	2.38	2.28	2.33	2.40	2.48	2.35	2.40	2.48	2.56	2.35	2.40	2.48	2.56							
		Amps	6.8	6.9	7.2	7.5	7.3	7.5	7.8	8.1	8.0	8.2	8.5	8.8	8.5	8.8	9.1	9.4	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6	9.7	9.9	10.2	10.6							
	Hi PR	153	165	174	182	172	185	196	204	196	211	223	232	223	240	254	264	251	270	285	297	277	298	315	329	277	298	315	329								
	Lo PR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103	83	88	96	103								
	MBh	27.2	27.8	29.7	31.7	26.5	27.1	29.0	31.0	25.9	26.5	28.3	30.2	25.3	25.8	27.6	29.5	24.0	24.5	26.2	28.0	22.2	22.7	24.3	26.0	22.2	22.7	24.3	26.0								
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59	1.00	0.98	0.80	0.59								
	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	19	19	17	14	19	19	17	14								
	919	1050	kW	1.81	1.85	1.91	1.97	1.95	1.99	2.05	2.11	2.07	2.11	2.18	2.24	2.17	2.22	2.29	2.36	2.26	2.31	2.38	2.46	2.33	2.38	2.46	2.36	2.38	2.46	2.54							
Amps			6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.6	9.9	9.3	9.8	10.1	9.6	9.3	9.8	10.1								
Hi PR			152	164	173	180	171	184	194	202	194	209	220	230	221	238	251	262	248	267	282	295	275	295	312	325	275	295	312	325							
Lo PR			66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102	82	87	95	102							
MBh			25.1	25.6	27.4	29.3	24.5	25.0	26.7	28.6	23.9	24.4	26.1	27.9	23.3	23.8	25.5	27.2	22.2	22.7	24.2	25.9	20.5	21.0	22.4	24.0	20.5	21.0	22.4	24.0							
S/T		0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57								
ΔT		22	21	18	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	18	15	21	20	17	14	21	20	17	14								
kW		1.77	1.81	1.86	1.92	1.90	1.94	2.00	2.06	2.02	2.06	2.12	2.19	2.12	2.16	2.23	2.30	2.20	2.25	2.32	2.40	2.28	2.33	2.40	2.48	2.28	2.33	2.40	2.48								
Amps		6.5	6.7	6.9	7.2	7.1	7.2	7.5	7.8	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.9	10.2	9.3	9.5	9.9	10.2								
Hi PR		147	159	168	175	165	178	188	196	188	202	214	223	214	231	243	254	241	259	274	286	266	287	303	316	266	287	303	316								
Lo PR		64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99	80	85	93	99								

1181	MBh	28.5	29.0	30.4	32.4	27.8	28.4	29.7	31.7	27.2	27.7	29.0	30.9	26.5	27.0	28.3	30.2	25.2	25.7	26.9	28.7	23.3	23.8	24.9	26.6
	S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	ΔT	22	22	21	18	22	22	21	18	21	22	21	18	21	21	21	18	20	20	21	18	18	18	19	17
	kW	1.84	1.88	1.94	2.00	1.98	2.02	2.08	2.15	2.10	2.14	2.21	2.28	2.20	2.25	2.32	2.40	2.29	2.34	2.42	2.50	2.37	2.42	2.50	2.59
	Amps	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	8.1	8.3	8.5	8.9	8.6	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.3	10.7
	Hi PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332
	Lo PR	67	71	78	83	71	75	82	88	74	78	85	91	77	82	90	96	81	86	94	100	84	89	97	104
	MBh	27.7	28.2	29.5	31.5	27.0	27.5	28.8	30.8	26.4	26.9	28.1	30.0	25.7	26.2	27.5	29.3	24.4	24.9	26.1	27.8	22.6	23.1	24.2	25.8
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
	ΔT	23	23	21	19	23	23	22	19	23	23	22	19	23	23	22	19	21	22	22	19	20	20	20	17
1050	kW	1.83	1.87	1.92	1.98	1.96	2.00	2.07	2.13	2.08	2.13	2.19	2.26	2.19	2.23	2.30	2.38	2.28	2.33	2.40	2.48	2.35	2.40	2.48	2.56
	Amps	6.8	6.9	7.2	7.5	7.3	7.5	7.8	8.1	8.0	8.2	8.5	8.8	8.5	8.8	9.1	9.4	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6
	Hi PR	153	165	174	182	172	185	196	204	196	211	223	232	223	240	254	264	251	270	285	297	277	298	315	329
	Lo PR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103
	MBh	25.5	26.0	27.2	29.1	24.9	25.4	26.6	28.4	24.3	24.8	26.0	27.7	23.7	24.2	25.3	27.0	22.6	23.0	24.1	25.7	20.9	21.3	22.3	23.8
	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	ΔT	23	23	22	19	24	23	22	19	24	23	22	19	24	24	22	19	23	23	22	19	21	21	20	18
	kW	1.79	1.82	1.88	1.93	1.92	1.96	2.02	2.08	2.03	2.07	2.14	2.21	2.13	2.18	2.25	2.32	2.22	2.27	2.34	2.42	2.30	2.35	2.42	2.50
	Amps	6.6	6.8	7.0	7.2	7.1	7.3	7.6	7.8	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.1	9.4	9.7	9.4	9.6	9.9	10.3
	Hi PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	277	289	269	289	306	319
Lo PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100	

EXPANDED COOLING DATA — GPC1336H21*

		Outdoor Ambient Temperature																											
		65°F				75°F				85°F				95°F				105°F				115°F							
		Entering Indoor Wet Bulb Temperature																											
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-	27.8	28.8	31.5	-
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
	kW	2.19	2.24	2.31	-	2.36	2.41	2.49	-	2.51	2.57	2.65	-	2.64	2.70	2.79	-	2.76	2.82	2.91	-	2.76	2.82	2.91	-	2.85	2.92	3.02	-
	Amps	9.1	9.3	9.7	-	9.9	10.1	10.5	-	10.8	11.1	11.4	-	11.5	11.8	12.2	-	12.3	12.6	13.1	-	12.3	12.6	13.1	-	13.1	13.4	13.9	-
	Hi PR	152	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	267	282	-	248	267	282	-	274	295	311	-
	Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	79	84	91	-	81	86	94	-
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-	26.9	27.9	30.6	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
1295	kW	2.17	2.22	2.29	-	2.34	2.39	2.47	-	2.49	2.55	2.63	-	2.62	2.68	2.77	-	2.73	2.79	2.89	-	2.73	2.79	2.89	-	2.83	2.89	2.99	-
	Amps	9.0	9.3	9.6	-	9.8	10.0	10.4	-	10.7	10.9	11.3	-	11.4	11.7	12.1	-	12.2	12.5	12.9	-	13.0	13.3	13.7	-	13.0	13.3	13.7	-
	Hi PR	150	162	171	-	168	181	191	-	192	206	218	-	218	235	248	-	245	264	279	-	271	292	308	-	271	292	308	-
	Lo PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-	80	86	93	-
	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-	24.9	25.8	28.2	-
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-	16	14	11	-
	kW	2.12	2.17	2.23	-	2.28	2.33	2.41	-	2.43	2.48	2.56	-	2.56	2.61	2.70	-	2.66	2.72	2.81	-	2.76	2.82	2.91	-	2.76	2.82	2.91	-
	Amps	8.8	9.0	9.3	-	9.5	9.8	10.1	-	10.4	10.6	11.0	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	12.6	12.9	13.3	-	12.6	12.9	13.3	-
	Hi PR	146	157	165	-	163	176	186	-	186	200	211	-	212	228	241	-	238	256	271	-	263	283	299	-	263	283	299	-
Lo PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-	78	83	91	-	

1457	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	ΔT	19	17	14	10	19	17	14	10	19	17	14	10	19	18	14	10	19	17	14	10	18	16	13	9
	kW	2.21	2.26	2.33	2.40	2.38	2.43	2.51	2.59	2.53	2.59	2.67	2.76	2.67	2.73	2.82	2.91	2.78	2.84	2.94	3.04	2.88	2.94	3.04	3.15
	Amps	9.2	9.4	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.2	11.5	12.0	11.7	12.0	12.4	12.9	12.4	12.8	13.2	13.7	13.2	13.5	14.0	14.6
	Hi PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	270	285	297	277	298	314	328
	Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102
	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
1295	kW	2.19	2.24	2.31	2.38	2.36	2.41	2.49	2.57	2.51	2.57	2.65	2.74	2.64	2.70	2.79	2.89	2.76	2.82	2.91	3.01	2.85	2.92	3.02	3.12
	Amps	9.1	9.4	9.7	10.0	9.9	10.1	10.5	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.3	12.7	12.3	12.6	13.1	13.6	13.1	13.4	13.9	14.4
	Hi PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325
	Lo PR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101
	MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3
1133	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	10	20	18	15	10	19	17	14	10
	kW	2.14	2.18	2.25	2.33	2.30	2.35	2.43	2.51	2.45	2.50	2.58	2.67	2.58	2.63	2.72	2.81	2.69	2.75	2.84	2.93	2.78	2.84	2.94	3.04
	Amps	8.9	9.1	9.4	9.8	9.6	9.9	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.7	13.0	13.5	14.0
	Hi PR	147	158	167	174	165	178	188	196	188	202	213	222	214	230	243	253	241	259	273	285	266	286	302	315
Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98	

EXPANDED COOLING DATA — GPC1336H21* (CONT.)

		Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
	ΔT	21	20	17	14	22	20	18	14	21	20	18	14	21	20	18	14	20	20	17	14	18	19	16	13
	kW	2.23	2.27	2.35	2.42	2.40	2.45	2.53	2.62	2.55	2.61	2.70	2.79	2.69	2.75	2.84	2.94	2.80	2.87	2.96	3.06	2.90	2.97	3.07	3.17
	Amps	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.7
	Hi PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	256	267	253	272	287	300	280	301	318	331
	Lo PR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103
	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	15	20	20	17	14
1133	kW	2.21	2.26	2.33	2.40	2.38	2.43	2.51	2.59	2.53	2.59	2.67	2.76	2.67	2.73	2.82	2.91	2.78	2.84	2.94	3.04	2.88	2.94	3.04	3.15
	Amps	9.2	9.4	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.2	11.5	12.0	11.7	12.0	12.4	12.9	12.4	12.8	13.2	13.7	13.2	13.5	14.0	14.6
	Hi PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	270	285	297	277	298	314	328
	Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102
	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0
	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
	ΔT	22	21	18	15	22	21	19	15	22	21	19	15	22	22	19	15	22	21	18	15	21	20	17	14
	kW	2.16	2.20	2.27	2.34	2.32	2.37	2.45	2.53	2.47	2.52	2.61	2.69	2.60	2.66	2.74	2.84	2.71	2.77	2.86	2.96	2.80	2.87	2.96	3.07
	Amps	9.0	9.2	9.5	9.9	9.7	9.9	10.3	10.7	10.6	10.8	11.2	11.7	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.2	13.6	14.1
	Hi PR	149	160	169	176	167	179	189	198	190	204	215	225	216	232	245	256	243	261	276	288	268	289	305	318
	Lo PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99

1457	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
	ΔT	22	22	21	18	22	22	21	18	21	22	21	18	21	21	21	18	20	20	21	18	18	19	19	17
	kW	2.24	2.29	2.37	2.44	2.42	2.47	2.55	2.64	2.57	2.63	2.72	2.81	2.71	2.77	2.86	2.96	2.83	2.89	2.99	3.09	2.93	2.99	3.09	3.20
	Amps	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	14.0	13.5	13.8	14.3	14.8
	Hi PR	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	256	275	290	303	282	304	321	335
	Lo PR	67	71	78	83	71	75	82	88	74	78	85	91	77	82	90	96	81	86	94	100	84	89	97	104
	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	ΔT	23	23	21	19	23	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	20	21	20	17
1295	kW	2.23	2.27	2.35	2.42	2.40	2.45	2.53	2.62	2.55	2.61	2.70	2.79	2.69	2.75	2.84	2.94	2.80	2.87	2.96	3.06	2.90	2.97	3.07	3.17
	Amps	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.7
	Hi PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	256	267	253	272	287	300	280	301	318	331
	Lo PR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103
	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
	ΔT	24	23	22	19	24	23	22	19	24	23	22	19	24	24	22	19	23	23	22	19	21	22	21	18
	kW	2.17	2.22	2.29	2.36	2.34	2.39	2.47	2.55	2.49	2.54	2.63	2.72	2.62	2.68	2.77	2.86	2.73	2.79	2.89	2.98	2.83	2.89	2.99	3.09
	Amps	9.0	9.3	9.6	9.9	9.8	10.0	10.4	10.8	10.7	10.9	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.3	13.7	14.3
	Hi PR	150	161	171	178	168	181	191	200	192	206	218	227	218	235	248	259	245	264	279	291	271	292	308	321
	Lo PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100

Shaded area reflects ARI conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GPC1342H21A*

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	46.6	48.3	53.0	-	45.6	47.2	51.7	-	44.5	46.1	50.5	-	43.4	45.0	49.3	-	41.2	42.7	46.8	-	38.2	39.6	43.4	-	38.2	39.6	43.4	-	38.2	39.6	43.4	-				
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-				
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-				
	kW	2.72	2.78	2.88	-	2.94	3.01	3.11	-	3.14	3.21	3.32	-	3.31	3.39	3.50	-	3.46	3.54	3.66	-	3.58	3.67	3.80	-	3.58	3.67	3.80	-	3.58	3.67	3.80	-				
	Amps	10.9	11.1	11.5	-	11.8	12.1	12.5	-	12.9	13.2	13.6	-	13.8	14.1	14.6	-	14.7	15.1	15.6	-	15.6	16.0	16.6	-	15.6	16.0	16.6	-	15.6	16.0	16.6	-				
	Hi PR	150	161	170	-	168	181	191	-	191	206	217	-	218	234	247	-	245	264	278	-	271	291	308	-	271	291	308	-	271	291	308	-				
	Lo PR	66	70	76	-	69	74	81	-	72	77	84	-	76	81	88	-	79	85	92	-	82	87	95	-	82	87	95	-	82	87	95	-				
	MBh	45.3	46.9	51.4	-	44.2	45.8	50.2	-	43.2	44.8	49.0	-	42.1	43.7	47.8	-	40.0	41.5	45.4	-	37.1	38.4	42.1	-	37.1	38.4	42.1	-	37.1	38.4	42.1	-				
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-				
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-				
	kW	2.70	2.76	2.85	-	2.92	2.98	3.09	-	3.11	3.18	3.29	-	3.28	3.36	3.47	-	3.43	3.51	3.63	-	3.55	3.64	3.76	-	3.55	3.64	3.76	-	3.55	3.64	3.76	-				
1400	Amps	10.8	11.0	11.4	-	11.7	12.0	12.4	-	12.7	13.1	13.5	-	13.7	14.0	14.5	-	14.6	14.9	15.5	-	15.5	15.9	16.4	-	15.5	15.9	16.4	-	15.5	15.9	16.4	-				
	Hi PR	148	160	169	-	166	179	189	-	189	204	215	-	216	232	245	-	243	261	276	-	268	288	305	-	268	288	305	-	268	288	305	-				
	Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-	81	87	95	-	81	87	95	-				
	MBh	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.9	41.3	45.3	-	38.9	40.3	44.2	-	36.9	38.3	41.9	-	34.2	35.5	38.9	-	34.2	35.5	38.9	-	34.2	35.5	38.9	-				
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-				
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-	18	15	12	-				
	kW	2.63	2.69	2.78	-	2.84	2.91	3.01	-	3.03	3.10	3.21	-	3.20	3.27	3.38	-	3.34	3.42	3.53	-	3.46	3.54	3.66	-	3.46	3.54	3.66	-	3.46	3.54	3.66	-				
	Amps	10.5	10.7	11.1	-	11.3	11.6	12.0	-	12.4	12.7	13.1	-	13.3	13.6	14.1	-	14.1	14.5	15.0	-	15.0	15.4	15.9	-	15.0	15.4	15.9	-	15.0	15.4	15.9	-				
	Hi PR	144	155	164	-	161	174	183	-	184	198	209	-	209	225	238	-	235	253	267	-	260	280	295	-	260	280	295	-	260	280	295	-				
	Lo PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	79	84	92	-	79	84	92	-	79	84	92	-				

1800	MBh	47.4	48.8	52.9	56.7	46.3	47.7	51.6	55.4	45.2	46.6	50.4	54.1	44.1	45.4	49.2	52.8	41.9	43.2	46.7	50.1	38.8	40.0	43.3	46.4
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.25	3.17	3.24	3.35	3.47	3.34	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.97
	Amps	11.0	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.4	14.9	15.2	15.8	16.4	15.8	16.2	16.7	17.4
	Hi PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	311	324
	Lo PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103
75	MBh	46.1	47.4	51.3	55.1	45.0	46.3	50.1	53.8	43.9	45.2	48.9	52.5	42.8	44.1	47.7	51.2	40.7	41.9	45.4	48.7	37.7	38.8	42.0	45.1
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11
	kW	2.72	2.78	2.88	2.97	2.94	3.01	3.11	3.22	3.14	3.21	3.32	3.44	3.31	3.39	3.51	3.63	3.46	3.54	3.66	3.79	3.58	3.67	3.80	3.93
	Amps	10.9	11.1	11.5	12.0	11.8	12.1	12.5	13.0	12.9	13.2	13.6	14.2	13.8	14.1	14.6	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.6	17.2
	Hi PR	150	161	170	178	168	181	191	199	191	206	217	227	218	234	248	258	245	264	278	290	271	291	308	321
	Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	87	96	102
1400	MBh	42.5	43.8	47.4	50.8	41.5	42.7	46.3	49.7	40.5	41.7	45.2	48.5	39.5	40.7	44.1	47.3	37.6	38.7	41.9	44.9	34.8	35.8	38.8	41.6
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
	kW	2.65	2.71	2.80	2.90	2.87	2.93	3.03	3.14	3.06	3.13	3.23	3.35	3.23	3.30	3.41	3.53	3.37	3.45	3.56	3.69	3.49	3.57	3.70	3.83
	Amps	10.6	10.8	11.2	11.6	11.5	11.7	12.1	12.6	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.8	14.3	14.7	15.2	15.8	15.2	15.6	16.1	16.7
	Hi PR	145	156	165	172	163	176	185	193	185	200	211	220	211	227	240	250	238	256	270	282	263	283	298	311
	Lo PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99

EXPANDED COOLING DATA — GPC1342H21A* (CONT.)

		Outdoor Ambient Temperature																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		Entering Indoor Wet Bulb Temperature																																															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
IDB	Airflow																																																
1800	MBh	48.3	49.3	52.7	56.3	47.2	48.2	51.5	55.0	46.0	47.0	50.3	53.7	44.9	45.9	49.0	52.4	42.7	43.6	46.6	49.8	39.5	40.4	43.1	46.1																								
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62																								
	ΔT	23	22	19	15	24	22	20	16	24	22	20	16	23	23	20	16	22	22	19	16	20	21	18	14																								
	kW	2.77	2.83	2.93	3.02	2.99	3.06	3.17	3.28	3.19	3.27	3.38	3.50	3.37	3.45	3.57	3.69	3.52	3.60	3.73	3.86	3.65	3.73	3.86	4.00																								
	Amps	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6																								
1600	Hi PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327																								
	Lo PR	67	71	78	83	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104																												
	MBh	46.9	47.9	51.2	54.7	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.6	44.6	47.6	50.9	41.4	42.3	45.2	48.3	38.4	39.2	41.9	44.8																								
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59																								
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	16	24	23	20	16	22	22	19	15																								
80	kW	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.25	3.17	3.24	3.35	3.47	3.34	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.97																								
	Amps	11.0	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.4	14.9	15.2	15.8	16.4	15.8	16.2	16.7	17.4																								
	Hi PR	151	163	172	179	170	183	193	201	193	208	220	229	220	237	250	261	248	266	281	293	273	294	311	324																								
	Lo PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103																								
	MBh	43.3	44.2	47.2	50.5	42.3	43.2	46.1	49.3	41.3	42.2	45.0	48.1	40.2	41.1	43.9	47.0	38.2	39.1	41.7	44.6	35.4	36.2	38.7	41.3																								
1400	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57																								
	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15																								
	kW	2.68	2.74	2.83	2.92	2.89	2.96	3.06	3.16	3.08	3.16	3.26	3.38	3.25	3.33	3.44	3.56	3.40	3.48	3.60	3.72	3.52	3.60	3.73	3.86																								
	Amps	10.7	10.9	11.3	11.7	11.6	11.9	12.3	12.7	12.6	12.9	13.4	13.9	13.5	13.9	14.3	14.9	14.4	14.8	15.3	15.9	15.3	15.7	16.3	16.9																								
	Hi PR	147	158	167	174	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	285	301	314																								
	Lo PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100																								

1800	MBh	49.1	50.1	52.4	55.9	48.0	48.9	51.2	54.6	46.8	47.7	50.0	53.3	45.7	46.6	48.8	52.0	43.4	44.2	46.3	49.4	40.2	41.0	42.9	45.8
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
	ΔT	25	24	23	20	25	25	23	20	24	24	23	20	23	24	23	20	22	23	23	20	21	21	22	19
	kW	2.79	2.85	2.95	3.05	3.02	3.09	3.19	3.30	3.22	3.30	3.41	3.53	3.40	3.48	3.60	3.72	3.55	3.63	3.76	3.89	3.68	3.77	3.90	4.04
	Amps	11.2	11.5	11.9	12.3	12.1	12.4	12.9	13.4	13.2	13.6	14.0	14.6	14.2	14.5	15.1	15.6	15.1	15.5	16.1	16.7	16.1	16.5	17.1	17.7
	Hi PR	154	166	175	183	173	186	197	205	197	212	224	234	224	242	255	266	252	272	287	299	279	300	317	331
	Lo PR	68	72	79	84	72	76	83	89	74	79	86	92	78	83	91	97	82	87	95	101	85	90	98	105
	MBh	47.7	48.6	50.9	54.3	46.6	47.5	49.7	53.1	45.5	46.4	48.5	51.8	44.4	45.2	47.4	50.5	42.1	43.0	45.0	48.0	39.0	39.8	41.7	44.5
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	25	24	21	22	23	22	19
	kW	2.77	2.83	2.93	3.02	2.99	3.06	3.17	3.28	3.19	3.27	3.38	3.50	3.37	3.45	3.57	3.69	3.52	3.60	3.73	3.86	3.65	3.73	3.86	4.00
	Amps	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6
Hi PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327	
Lo PR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	
MBh	44.0	44.9	47.0	50.1	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	40.9	41.7	43.7	46.6	38.9	39.7	41.5	44.3	36.0	36.7	38.5	41.0	
S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
ΔT	26	26	24	21	26	26	25	21	27	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20	
kW	2.70	2.76	2.85	2.95	2.92	2.98	3.08	3.19	3.11	3.18	3.29	3.41	3.28	3.36	3.47	3.59	3.43	3.51	3.63	3.76	3.55	3.64	3.76	3.89	
Amps	10.8	11.0	11.4	11.9	11.7	12.0	12.4	12.9	12.7	13.1	13.5	14.0	13.6	14.0	14.5	15.1	14.6	14.9	15.5	16.1	15.5	15.9	16.4	17.1	
Hi PR	148	160	169	176	166	179	189	197	189	204	215	224	216	232	245	255	242	261	276	287	268	288	304	318	
Lo PR	65	69	76	81	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	

Shaded area reflects ARI conditions	IDB: Entering Indoor Dry Bulb Temperature	kW = Total system power	Amps = outdoor unit amps (comp. + fan)
High and low pressures are measured at the liquid and suction service valves.			

EXPANDED COOLING DATA — GPC1348H21A*

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
1800	MBh	46.6	48.3	53.0	-	45.6	47.2	51.7	-	44.5	46.1	50.5	-	43.4	45.0	49.3	-	41.2	42.7	46.8	-	38.2	39.6	43.4	-	38.2	39.6	43.4	-								
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-								
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
	kW	2.72	2.78	2.88	-	2.94	3.01	3.11	-	3.14	3.21	3.32	-	3.31	3.39	3.50	-	3.46	3.54	3.66	-	3.58	3.67	3.80	-	3.58	3.67	3.80	-								
	Amps	10.9	11.1	11.5	-	11.8	12.1	12.5	-	12.9	13.2	13.6	-	13.8	14.1	14.6	-	14.7	15.1	15.6	-	15.6	16.0	16.6	-	15.6	16.0	16.6	-								
70	Hi PR	150	161	170	-	168	181	191	-	191	206	217	-	218	234	247	-	245	264	278	-	271	291	308	-	271	291	308	-								
	Lo PR	66	70	76	-	69	74	81	-	72	77	84	-	76	81	88	-	79	85	92	-	82	87	95	-	82	87	95	-								
	MBh	45.3	46.9	51.4	-	44.2	45.8	50.2	-	43.2	44.8	49.0	-	42.1	43.7	47.8	-	40.0	41.5	45.4	-	37.1	38.4	42.1	-	37.1	38.4	42.1	-								
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.68	0.48	-	0.82	0.68	0.48	-								
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-								
1600	kW	2.70	2.76	2.85	-	2.92	2.98	3.09	-	3.11	3.18	3.29	-	3.28	3.36	3.47	-	3.43	3.51	3.63	-	3.55	3.64	3.76	-	3.55	3.64	3.76	-								
	Amps	10.8	11.0	11.4	-	11.7	12.0	12.4	-	12.7	13.1	13.5	-	13.7	14.0	14.5	-	14.6	14.9	15.5	-	15.5	15.9	16.4	-	15.5	15.9	16.4	-								
	Hi PR	148	160	169	-	166	179	189	-	189	204	215	-	216	232	245	-	243	261	276	-	268	288	305	-	268	288	305	-								
	Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-	81	87	95	-								
	MBh	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.9	41.3	45.3	-	38.9	40.3	44.2	-	36.9	38.3	41.9	-	34.2	35.5	38.9	-	34.2	35.5	38.9	-								
1400	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-								
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-								
	kW	2.63	2.69	2.78	-	2.84	2.91	3.01	-	3.03	3.10	3.21	-	3.20	3.27	3.38	-	3.34	3.42	3.53	-	3.46	3.54	3.66	-	3.46	3.54	3.66	-								
	Amps	10.5	10.7	11.1	-	11.3	11.6	12.0	-	12.4	12.7	13.1	-	13.3	13.6	14.1	-	14.1	14.5	15.0	-	15.0	15.4	15.9	-	15.0	15.4	15.9	-								
	Hi PR	144	155	164	-	161	174	183	-	184	198	209	-	209	225	238	-	235	253	267	-	260	280	295	-	260	280	295	-								
Lo PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	79	84	92	-	79	84	92	-									

75	1800	MBh	47.4	48.8	52.9	56.7	46.3	47.7	51.6	55.4	45.2	46.6	50.4	54.1	44.1	45.4	49.2	52.8	41.9	43.2	46.7	50.1	38.8	40.0	43.3	46.4
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		kW	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.25	3.17	3.24	3.35	3.47	3.34	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.97
		Amps	11.0	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.4	14.9	15.2	15.8	16.4	15.8	16.2	16.7	17.4
		Hi PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	311	324
		Lo PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103
		MBh	46.1	47.4	51.3	55.1	45.0	46.3	50.1	53.8	43.9	45.2	48.9	52.5	42.8	44.1	47.7	51.2	40.7	41.9	45.4	48.7	37.7	38.8	42.0	45.1
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11
75	1600	kW	2.72	2.78	2.88	2.97	2.94	3.01	3.11	3.22	3.14	3.21	3.32	3.44	3.31	3.39	3.51	3.63	3.46	3.54	3.66	3.79	3.58	3.67	3.80	3.93
		Amps	10.9	11.1	11.5	12.0	11.8	12.1	12.5	13.0	12.9	13.2	13.6	14.2	13.8	14.1	14.6	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.6	17.2
		Hi PR	150	161	170	178	168	181	191	199	191	206	217	227	218	234	248	258	245	264	278	290	271	291	308	321
		Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	87	96	102
		MBh	42.5	43.8	47.4	50.8	41.5	42.7	46.3	49.7	40.5	41.7	45.2	48.5	39.5	40.7	44.1	47.3	37.6	38.7	41.9	44.9	34.8	35.8	38.8	41.6
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		ΔT	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
		kW	2.65	2.71	2.80	2.90	2.87	2.93	3.03	3.14	3.06	3.13	3.23	3.35	3.23	3.30	3.41	3.53	3.37	3.45	3.56	3.69	3.49	3.57	3.70	3.83
		Amps	10.6	10.8	11.2	11.6	11.5	11.7	12.1	12.6	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.8	14.3	14.7	15.2	15.8	15.2	15.6	16.1	16.7
		Hi PR	145	156	165	172	163	176	185	193	185	200	211	220	211	227	240	250	238	256	270	282	263	283	298	311
Lo PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99		

EXPANDED COOLING DATA — GPC1348H21A* (CONT.)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80		MBh	48.3	49.3	52.7	56.3	47.2	48.2	51.5	55.0	46.0	47.0	50.3	53.7	44.9	45.9	49.0	52.4	42.7	43.6	46.6	49.8	39.5	40.4	43.1	46.1											
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62											
		ΔT	23	22	19	15	24	22	20	16	24	22	20	16	23	23	20	16	22	22	19	16	20	21	18	14											
	1800	kW	2.77	2.83	2.93	3.02	2.99	3.06	3.17	3.28	3.19	3.27	3.38	3.50	3.37	3.45	3.57	3.69	3.52	3.60	3.73	3.86	3.65	3.73	3.86	4.00											
		Amps	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6											
		Hi PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327											
		Lo PR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104											
		MBh	46.9	47.9	51.2	54.7	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.6	44.6	47.6	50.9	41.4	42.3	45.2	48.3	38.4	39.2	41.9	44.8											
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59											
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	16	24	23	20	16	22	22	19	15											
	1600		kW	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.25	3.17	3.24	3.35	3.47	3.34	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.97										
		Amps	11.0	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.4	14.9	15.2	15.8	16.4	15.8	16.2	16.7	17.4											
		Hi PR	151	163	172	179	170	183	193	201	193	208	220	229	220	237	250	261	248	266	281	293	273	294	311	324											
		Lo PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103											
		MBh	43.3	44.2	47.2	50.5	42.3	43.2	46.1	49.3	41.3	42.2	45.0	48.1	40.2	41.1	43.9	47.0	38.2	39.1	41.7	44.6	35.4	36.2	38.7	41.3											
		S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57											
		ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15											
1400			kW	2.68	2.74	2.83	2.92	2.89	2.96	3.06	3.16	3.08	3.16	3.26	3.38	3.25	3.33	3.44	3.56	3.40	3.48	3.60	3.72	3.52	3.60	3.73	3.86										
			Amps	10.7	10.9	11.3	11.7	11.6	11.9	12.3	12.7	12.6	12.9	13.4	13.9	13.5	13.9	14.3	14.9	14.4	14.8	15.3	15.9	15.3	15.7	16.3	16.9										
			Hi PR	147	158	167	174	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	285	301	314										
			Lo PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100										

85	1800	MBh	49.1	50.1	52.4	55.9	48.0	48.9	51.2	54.6	46.8	47.7	50.0	53.3	45.7	46.6	48.8	52.0	43.4	44.2	46.3	49.4	40.2	41.0	42.9	45.8
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		ΔT	25	24	23	20	25	25	23	20	24	24	23	20	23	24	23	20	22	23	23	20	21	21	22	19
		kW	2.79	2.85	2.95	3.05	3.02	3.09	3.19	3.30	3.22	3.30	3.41	3.53	3.40	3.48	3.60	3.72	3.55	3.63	3.76	3.89	3.68	3.77	3.90	4.04
		Amps	11.2	11.5	11.9	12.3	12.1	12.4	12.9	13.4	13.2	13.6	14.0	14.6	14.2	14.5	15.1	15.6	15.1	15.5	16.1	16.7	16.1	16.5	17.1	17.7
		Hi PR	154	166	175	183	173	186	197	205	197	212	224	234	224	242	255	266	252	272	287	299	279	300	317	331
		Lo PR	68	72	79	84	72	76	83	89	74	79	86	92	78	83	91	97	82	87	95	101	85	90	98	105
		MBh	47.7	48.6	50.9	54.3	46.6	47.5	49.7	53.1	45.5	46.4	48.5	51.8	44.4	45.2	47.4	50.5	42.1	43.0	45.0	48.0	39.0	39.8	41.7	44.5
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	25	24	21	22	23	22	19
		kW	2.77	2.83	2.93	3.02	2.99	3.06	3.17	3.28	3.19	3.27	3.38	3.50	3.37	3.45	3.57	3.69	3.52	3.60	3.73	3.86	3.65	3.73	3.86	4.00
1600	Amps	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6	
	Hi PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327	
	Lo PR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	
	MBh	44.0	44.9	47.0	50.1	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	40.9	41.7	43.7	46.6	38.9	39.7	41.5	44.3	36.0	36.7	38.5	41.0	
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
	ΔT	26	26	24	21	26	26	25	21	27	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20	
	kW	2.70	2.76	2.85	2.95	2.92	2.98	3.08	3.19	3.11	3.18	3.29	3.41	3.28	3.36	3.47	3.59	3.43	3.51	3.63	3.76	3.55	3.64	3.76	3.89	
1400	Amps	10.8	11.0	11.4	11.9	11.7	12.0	12.4	12.9	12.7	13.1	13.5	14.0	13.6	14.0	14.5	15.1	14.6	14.9	15.5	16.1	15.5	15.9	16.4	17.1	
	Hi PR	148	160	169	176	166	179	189	197	189	204	215	224	216	232	245	255	242	261	276	287	268	288	304	318	
	Lo PR	65	69	76	81	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	

EXPANDED COOLING DATA — GPC1360H21A*

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	MBh	57.8	59.9	65.7	-	56.5	58.5	64.1	-	55.1	57.1	62.6	-	53.8	55.7	61.1	-	51.1	53.0	58.0	-	47.3	49.1	53.7	-	47.3	49.1	53.7	-								
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-								
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-								
	kW	3.53	3.61	3.73	-	3.82	3.91	4.05	-	4.09	4.19	4.33	-	4.32	4.43	4.58	-	4.52	4.63	4.79	-	4.69	4.80	4.98	-	4.69	4.80	4.98	-								
	Amps	13.7	14.0	14.5	-	14.9	15.2	15.8	-	16.2	16.6	17.2	-	17.4	17.9	18.5	-	18.6	19.1	19.7	-	19.8	20.3	21.0	-	19.8	20.3	21.0	-								
	Hi PR	156	168	177	-	175	188	199	-	199	214	226	-	226	244	257	-	255	274	290	-	281	303	320	-	281	303	320	-								
	Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-	81	86	94	-								
	MBh	56.1	58.2	63.7	-	54.8	56.8	62.3	-	53.5	55.5	60.8	-	52.2	54.1	59.3	-	49.6	51.4	56.3	-	45.9	47.6	52.2	-	45.9	47.6	52.2	-								
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-								
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-								
	kW	3.49	3.58	3.70	-	3.79	3.88	4.02	-	4.05	4.15	4.30	-	4.28	4.39	4.54	-	4.48	4.59	4.75	-	4.65	4.76	4.93	-	4.65	4.76	4.93	-								
Amps	13.6	13.9	14.4	-	14.7	15.1	15.6	-	16.1	16.5	17.1	-	17.2	17.7	18.3	-	18.4	18.9	19.5	-	19.6	20.1	20.8	-	19.6	20.1	20.8	-									
Hi PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	271	287	-	279	300	317	-	279	300	317	-									
Lo PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-	80	86	93	-									
1750	MBh	51.8	53.7	58.8	-	50.6	52.4	57.5	-	49.4	51.2	56.1	-	48.2	50.0	54.7	-	45.8	47.5	52.0	-	42.4	44.0	48.2	-	42.4	44.0	48.2	-								
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-								
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-								
	kW	3.40	3.48	3.60	-	3.69	3.78	3.91	-	3.94	4.04	4.18	-	4.17	4.27	4.42	-	4.36	4.46	4.62	-	4.52	4.63	4.80	-	4.52	4.63	4.80	-								
	Amps	13.2	13.5	14.0	-	14.3	14.7	15.2	-	15.6	16.0	16.6	-	16.7	17.2	17.8	-	17.9	18.3	19.0	-	19.0	19.5	20.2	-	19.0	19.5	20.2	-								
	Hi PR	150	161	170	-	168	181	191	-	191	206	217	-	217	234	247	-	245	263	278	-	270	291	307	-	270	291	307	-								
	Lo PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-	78	83	91	-								

75	2250	MBh	58.8	60.5	65.5	70.3	57.4	59.1	64.0	68.7	56.1	57.7	62.5	67.1	54.7	56.3	61.0	65.4	52.0	53.5	57.9	62.1	48.1	49.6	53.6	57.6
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		kW	3.56	3.64	3.77	3.90	3.86	3.95	4.09	4.24	4.13	4.22	4.37	4.53	4.36	4.47	4.63	4.79	4.56	4.67	4.84	5.02	4.73	4.85	5.02	5.21
		Amps	13.8	14.2	14.7	15.2	15.0	15.4	15.9	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.7	19.4	18.8	19.3	19.9	20.7	19.9	20.5	21.2	22.0
		Hi PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	292	305	284	306	323	337
		Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102
		MBh	57.1	58.8	63.6	68.3	55.8	57.4	62.1	66.7	54.4	56.0	60.7	65.1	53.1	54.7	59.2	63.5	50.4	51.9	56.2	60.3	46.7	48.1	52.1	55.9
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
2000	kW	3.53	3.61	3.73	3.87	3.83	3.92	4.05	4.20	4.09	4.19	4.34	4.49	4.32	4.43	4.58	4.75	4.52	4.63	4.80	4.97	4.69	4.81	4.98	5.16	
	Amps	13.7	14.0	14.5	15.1	14.9	15.3	15.8	16.4	16.2	16.7	17.2	17.9	17.4	17.9	18.5	19.2	18.6	19.1	19.7	20.5	19.8	20.3	21.0	21.8	
	Hi PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	257	268	255	274	290	302	282	303	320	334	
	Lo PR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101	
	MBh	52.7	54.2	58.7	63.0	51.5	53.0	57.4	61.6	50.2	51.7	56.0	60.1	49.0	50.5	54.6	58.6	46.6	47.9	51.9	55.7	43.1	44.4	48.1	51.6	
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
	ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11	
	kW	3.43	3.51	3.63	3.76	3.72	3.81	3.94	4.08	3.98	4.07	4.22	4.37	4.21	4.31	4.46	4.62	4.40	4.50	4.66	4.83	4.56	4.67	4.84	5.02	
	Amps	13.3	13.6	14.1	14.7	14.4	14.8	15.3	15.9	15.8	16.2	16.7	17.4	16.9	17.3	18.0	18.7	18.1	18.5	19.2	19.9	19.2	19.7	20.4	21.2	
	Hi PR	151	163	172	179	170	183	193	201	193	208	219	229	220	236	250	260	247	266	281	293	273	294	310	324	
Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98		

EXPANDED COOLING DATA — GPC1360H21A* (CONT.)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	2250	MBh	59.8	61.1	65.3	69.8	58.4	59.7	63.8	68.2	57.1	58.3	62.3	66.6	55.7	56.9	60.8	65.0	52.9	54.0	57.7	61.7	49.0	50.1	53.5	57.2											
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62											
		ΔT	23	22	19	15	24	22	19	15	23	22	19	15	23	22	20	16	22	22	19	15	20	20	18	14											
		kW	3.59	3.67	3.80	3.93	3.89	3.99	4.13	4.27	4.16	4.26	4.41	4.57	4.40	4.51	4.67	4.84	4.60	4.71	4.88	5.06	4.78	4.89	5.07	5.26											
		Amps	14.0	14.3	14.8	15.4	15.2	15.5	16.1	16.7	16.6	17.0	17.6	18.3	17.8	18.2	18.9	19.6	19.0	19.4	20.1	20.9	20.1	20.7	21.4	22.2											
	Hi PR	159	171	181	188	178	192	203	211	203	218	231	240	231	249	263	274	260	280	295	308	287	309	326	340												
	Lo PR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103												
	2000	MBh	58.1	59.4	63.4	67.8	56.7	58.0	62.0	66.2	55.4	56.6	60.5	64.6	54.0	55.2	59.0	63.1	51.3	52.5	56.1	59.9	47.6	48.6	51.9	55.5											
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59											
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15											
kW		3.56	3.64	3.77	3.90	3.86	3.95	4.09	4.24	4.13	4.22	4.37	4.53	4.36	4.47	4.63	4.79	4.56	4.67	4.84	5.02	4.74	4.85	5.02	5.21												
Amps		13.8	14.2	14.7	15.2	15.0	15.4	15.9	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.7	19.4	18.8	19.3	19.9	20.7	19.9	20.5	21.2	22.0												
1750	Hi PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	293	305	284	306	323	337												
	Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102												
	MBh	53.6	54.8	58.5	62.6	52.4	53.5	57.2	61.1	51.1	52.2	55.8	59.7	49.9	51.0	54.5	58.2	47.4	48.4	51.7	55.3	43.9	44.9	47.9	51.2												
	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57												
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15												

85	2250	MBh	60.9	62.1	65.0	69.3	59.5	60.6	63.5	67.7	58.1	59.2	62.0	66.1	56.6	57.7	60.5	64.5	53.8	54.8	57.4	61.3	49.8	50.8	53.2	56.8
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		ΔT	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	19
		kW	3.62	3.70	3.83	3.97	3.93	4.02	4.16	4.31	4.20	4.30	4.45	4.61	4.44	4.55	4.71	4.88	4.65	4.76	4.93	5.11	4.82	4.94	5.12	5.30
		Amps	14.1	14.4	15.0	15.5	15.3	15.7	16.2	16.9	16.7	17.1	17.7	18.4	17.9	18.4	19.0	19.8	19.1	19.6	20.3	21.1	20.3	20.9	21.6	22.5
		Hi PR	161	173	182	190	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344
		Lo PR	67	71	78	83	71	75	82	88	74	78	85	91	77	82	90	96	81	86	94	100	84	89	97	104
	2000	MBh	59.1	60.3	63.1	67.3	57.7	58.9	61.6	65.8	56.4	57.5	60.2	64.2	55.0	56.1	58.7	62.6	52.2	53.2	55.8	59.5	48.4	49.3	51.7	55.1
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	26	25	24	21	26	25	24	21	26	25	24	21	25	26	24	21	24	24	24	21	22	23	22	19
kW		3.59	3.67	3.80	3.93	3.89	3.99	4.13	4.27	4.16	4.26	4.41	4.57	4.40	4.51	4.67	4.84	4.60	4.71	4.88	5.06	4.78	4.89	5.07	5.26	
Amps		14.0	14.3	14.8	15.4	15.2	15.5	16.1	16.7	16.6	17.0	17.6	18.3	17.8	18.2	18.9	19.6	19.0	19.4	20.1	20.9	20.1	20.7	21.4	22.2	
Hi PR		159	171	181	188	178	192	203	211	203	218	231	240	231	249	263	274	260	280	295	308	287	309	326	340	
Lo PR		66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103	
1750	MBh	54.6	55.6	58.2	62.1	53.3	54.3	56.9	60.7	52.0	53.0	55.5	59.3	50.8	51.7	54.2	57.8	48.2	49.1	51.5	54.9	44.7	45.5	47.7	50.9	
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	26	24	21	23	24	23	20	
	kW	3.49	3.58	3.70	3.83	3.79	3.88	4.02	4.16	4.05	4.15	4.29	4.45	4.28	4.38	4.54	4.71	4.48	4.59	4.75	4.92	4.65	4.76	4.93	5.11	
	Amps	13.6	13.9	14.4	15.0	14.7	15.1	15.6	16.2	16.1	16.5	17.1	17.7	17.2	17.7	18.3	19.0	18.4	18.9	19.5	20.3	19.6	20.1	20.8	21.6	
	Hi PR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	271	287	299	279	300	317	330	
	Lo PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100	

HEAT KIT ELECTRICAL DATA (BLOWER ONLY, HEAT MODE)

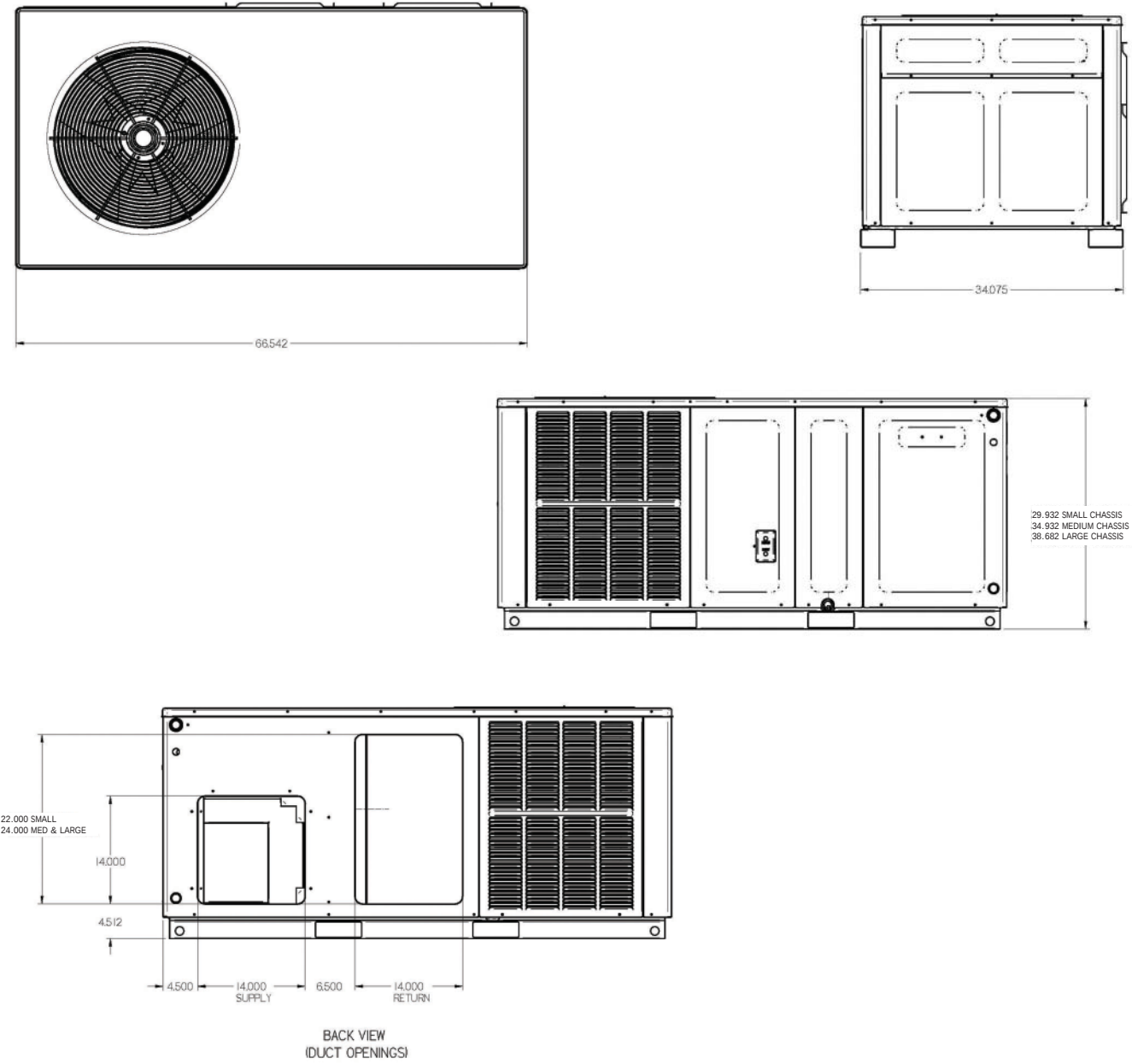
Model and Heat Kit Usage	Circuit #1		Circuit #2		Actual kW / BTU@ 240V
	MCA ¹	MOD ²	MCA ¹	MOD ²	
GPC1324H21A, AB	1.5 / 1.5	--	--	--	--
HKR-05*, HKR-05C*	24 / 27	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	33 / 38	40 / 40	--	--	7 / 23,800
HKR-10*, HKR-10C*	45 / 51	60 / 60	--	--	9.5 / 32,400
GPC1330H21A, AB	2.4 / 2.4	--	--	--	--
HKR-05*, HKR-05C*	24 / 27	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	--	--	7 / 23,800
HKR-10*, HKR-10C*	45 / 52	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
GPC1336H21A, AB	2.4 / 2.4	--	--	--	--
HKR-05*, HKR-05C*	24 / 27	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	--	--	7 / 23,800
HKR-10*, HKR-10C*	45 / 52	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
GPC1342H21A, AB	3.9 / 3.9	--	--	--	--
HKR-05*, HKR-05C*	25 / 27	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	--	--	7 / 23,800
HKR-10*, HKR-10C*	46 / 52	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*, HKR-20C*	46 / 52	60 / 60	43 / 49	60 / 60	19.5 / 66,500
GPC1348H21A, AB	3.9 / 3.9	--	--	--	--
HKR-05*, HKR-05C*	25 / 28	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 40	40 / 40	--	--	7 / 23,800
HKR-10*, HKR-10C*	46 / 53	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*, HKR-20C*	46 / 52	60 / 60	43 / 49	60 / 60	19.5 / 66,500
GPC1360H21A, AA	6.0 / 6.0	--	--	--	--
HKR-05*, HKR-05C*	26 / 30	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	36 / 40	40 / 40	--	--	7 / 23,800
HKR-10*, HKR-10C*	48 / 54	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	48 / 54	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*, HKR-20C*	48 / 54	60 / 60	43 / 49	60 / 60	19.5 / 66,500

¹ Minimum Circuit Ampacity @ 208 / 240V

² Maximum Overcurrent Protection (amps) @ 208 / 240V

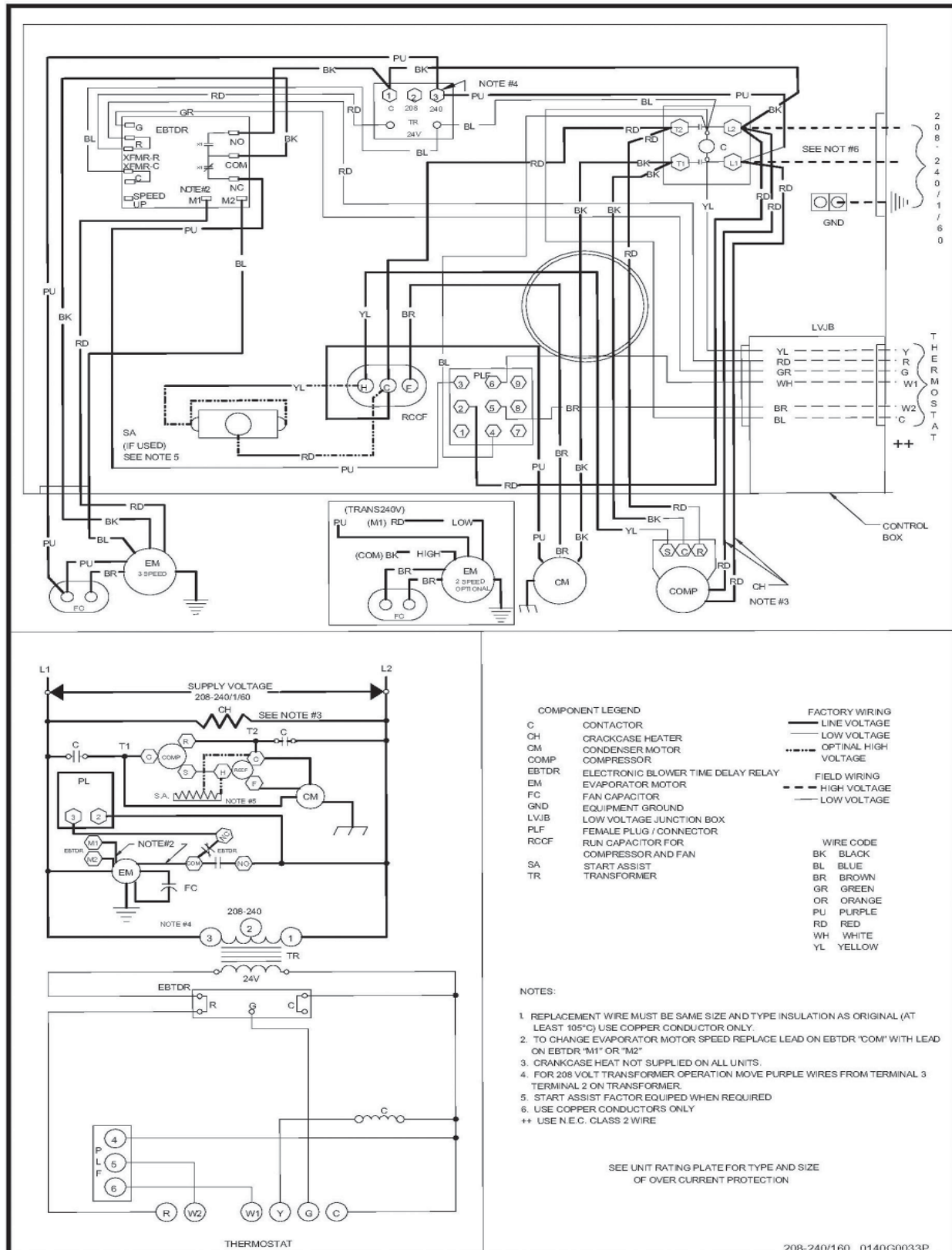
* Indicates revision letter that may or may not be designated

DIMENSIONS



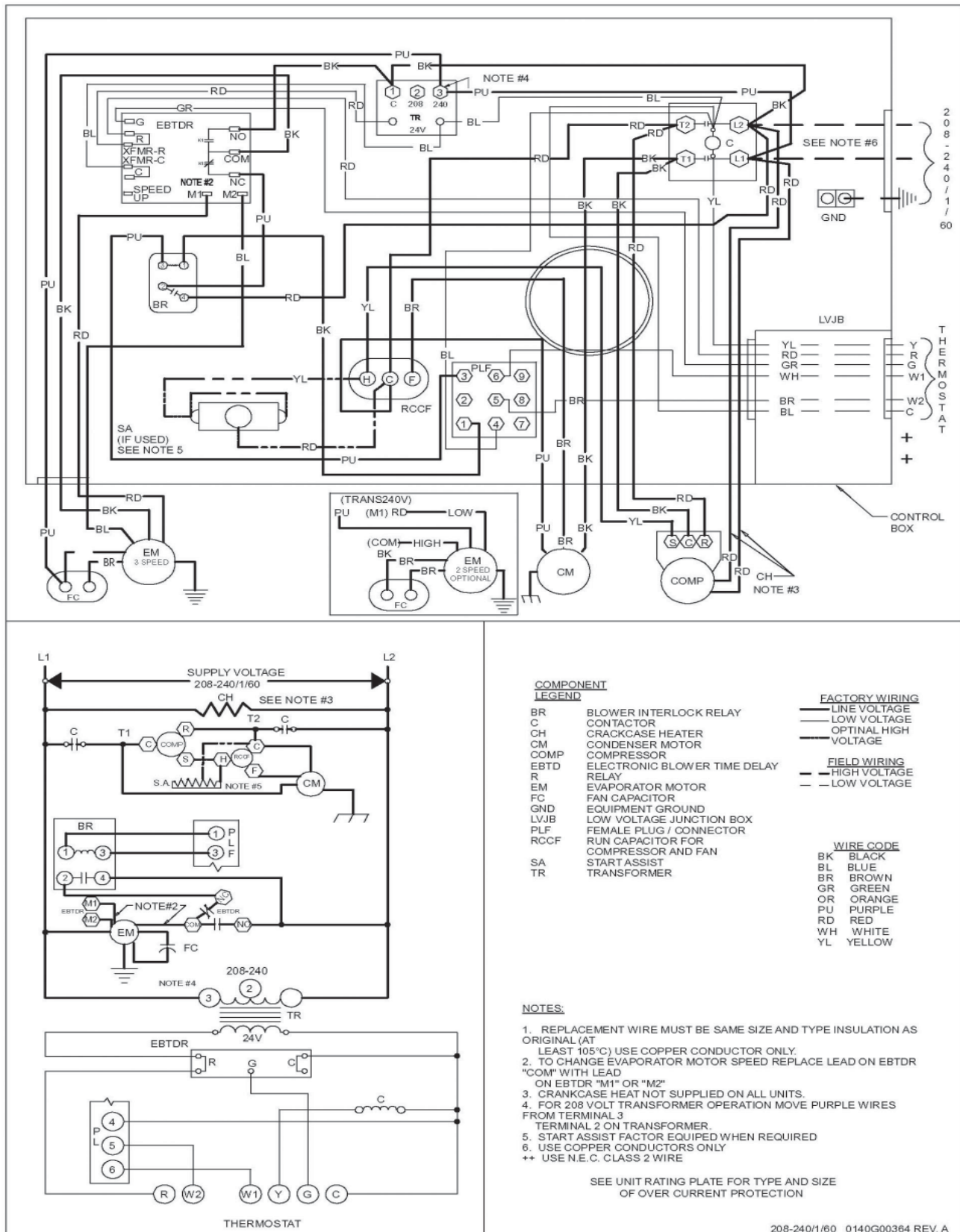
Model	Dimensions			Chasis Size		
	W"	D"	H"	Small	Medium	Large
GPC1324H21AB	66	33	30½	X		
GPC1330H21AB	66	33	30½	X		
GPC1336H21AB	66	33	35½		X	
GPC1342H21AB	66	33	35½		X	
GPC1348H21AB	66	33	38½			X
GPC1360H21AB	66	33	38½			X

WIRING DIAGRAM — GPC1324-48H21A



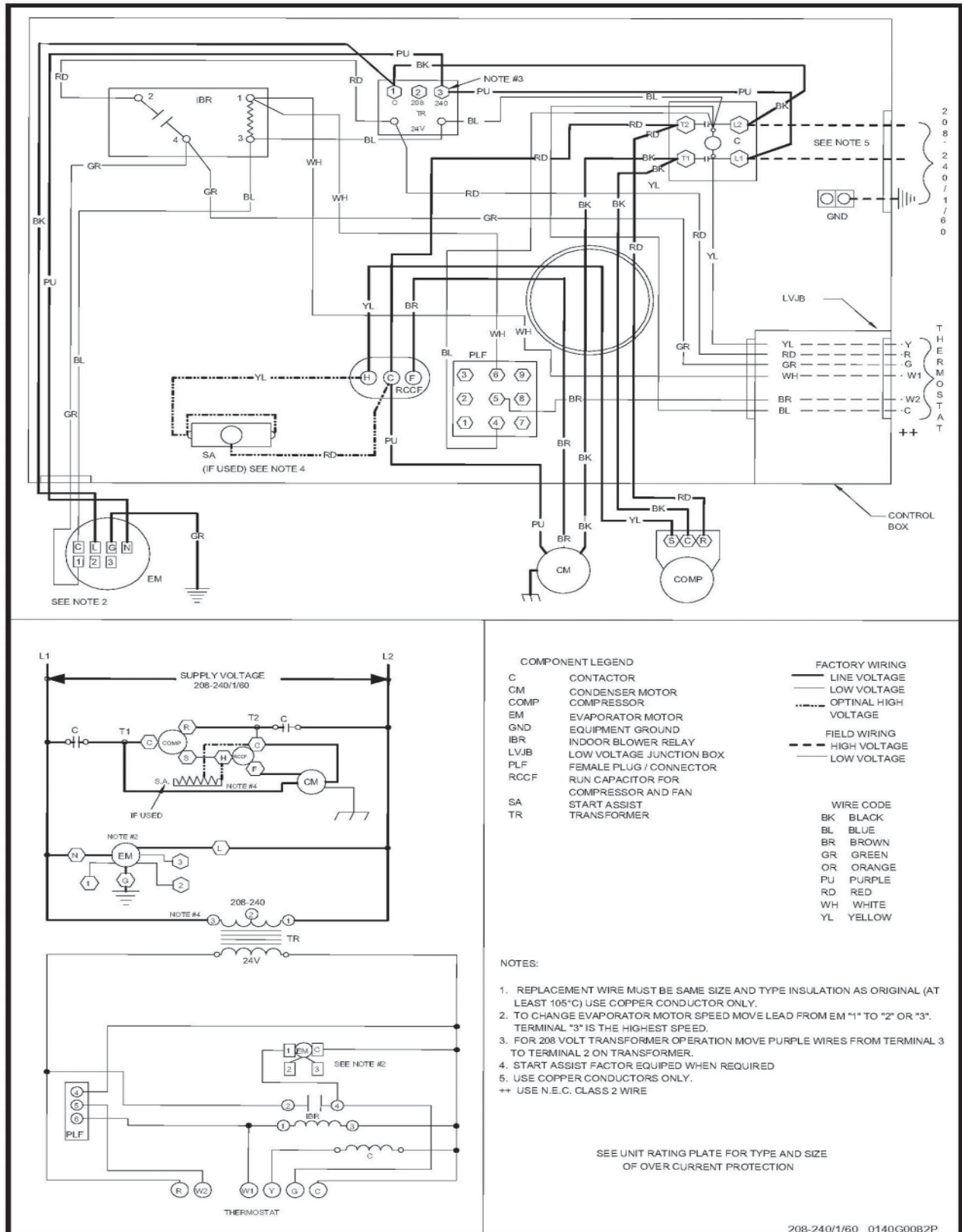
Wiring Is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAM — GPC1324-48H21AB-AC



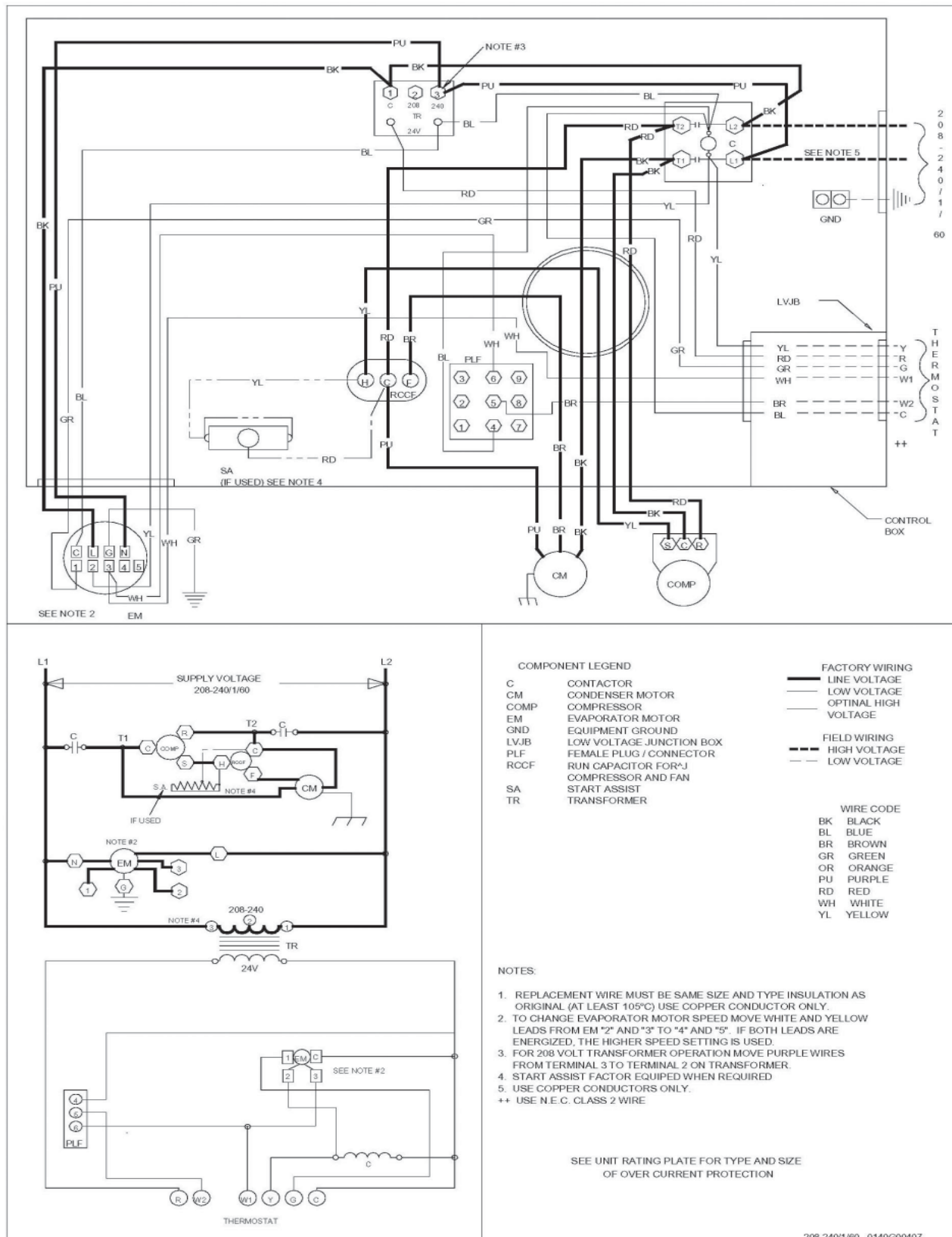
Wiring Is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAM — GPC1360H21A-AA



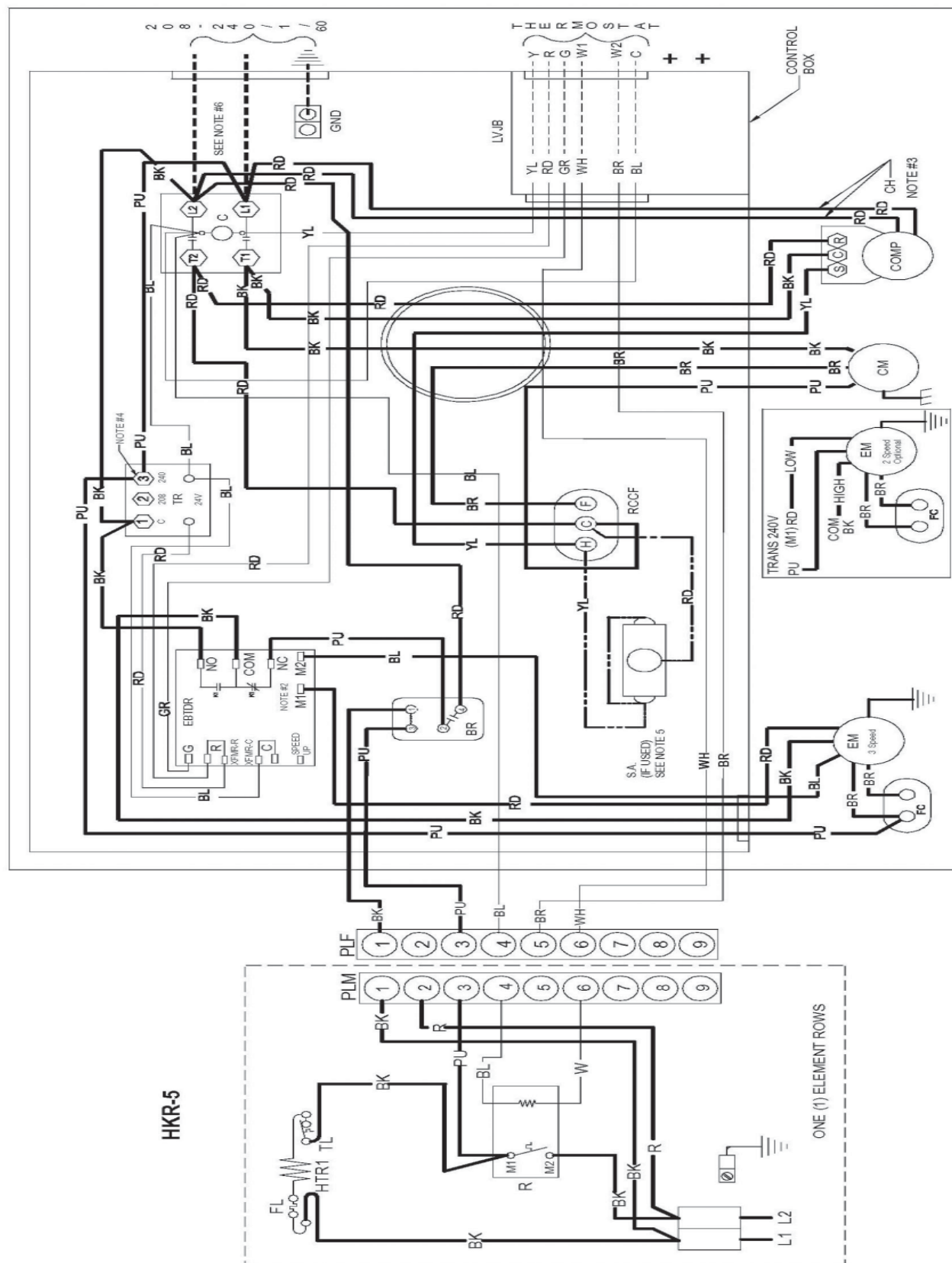
Wiring Is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAM — GPC1360H21AB

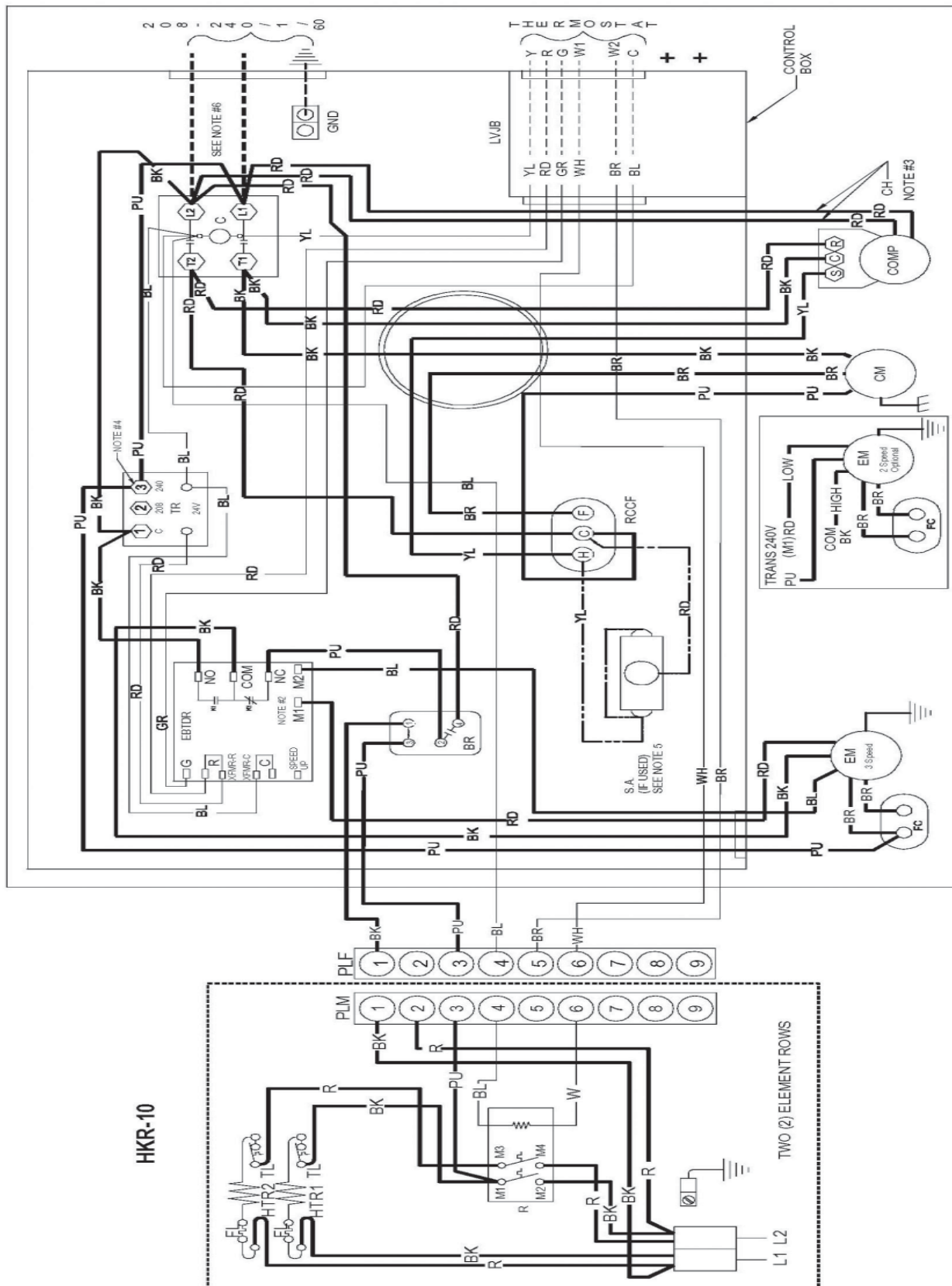


Wiring Is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

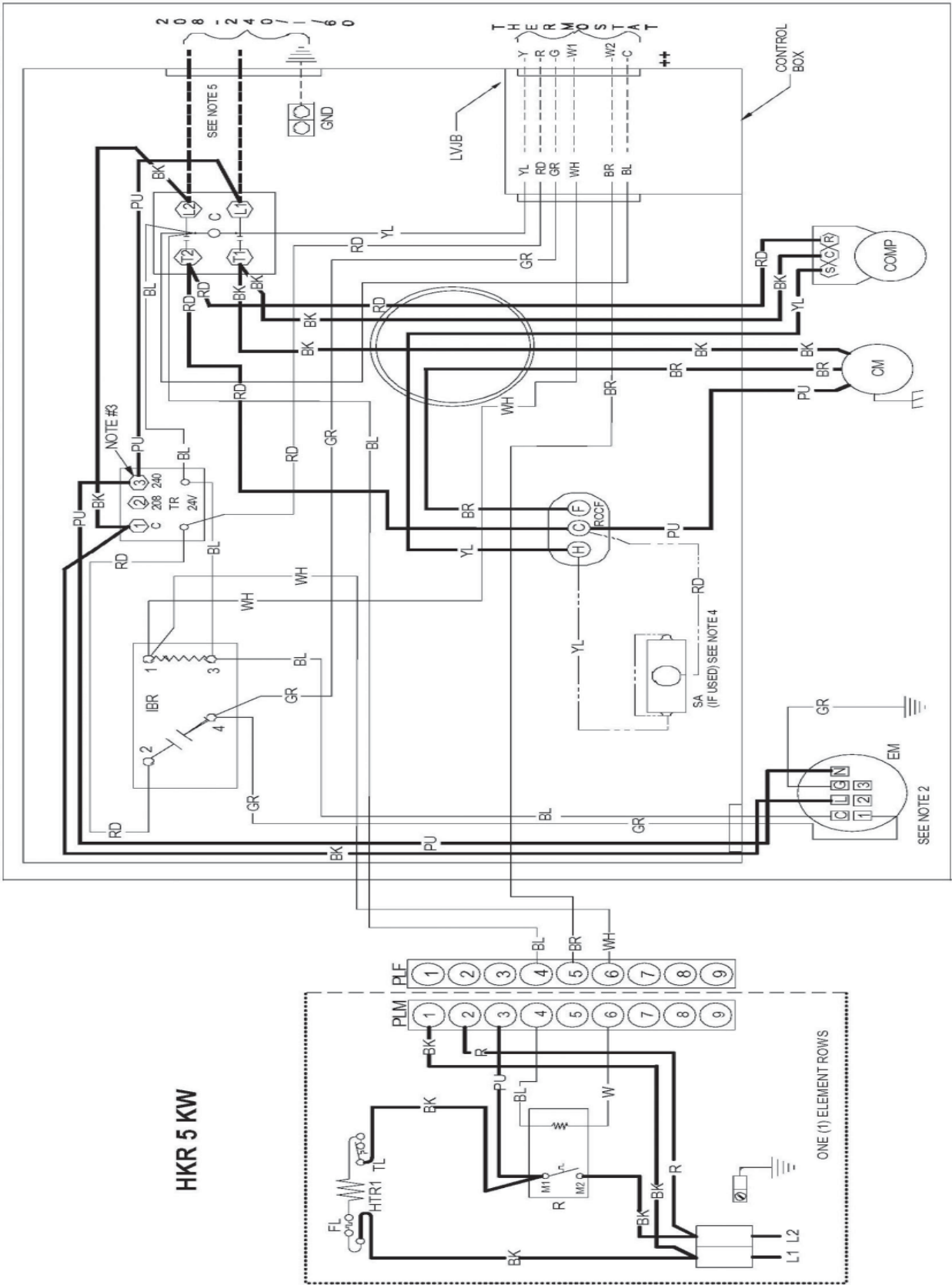
WIRING DIAGRAM — GPC1324-48H21AB/AC WITH HKR-05



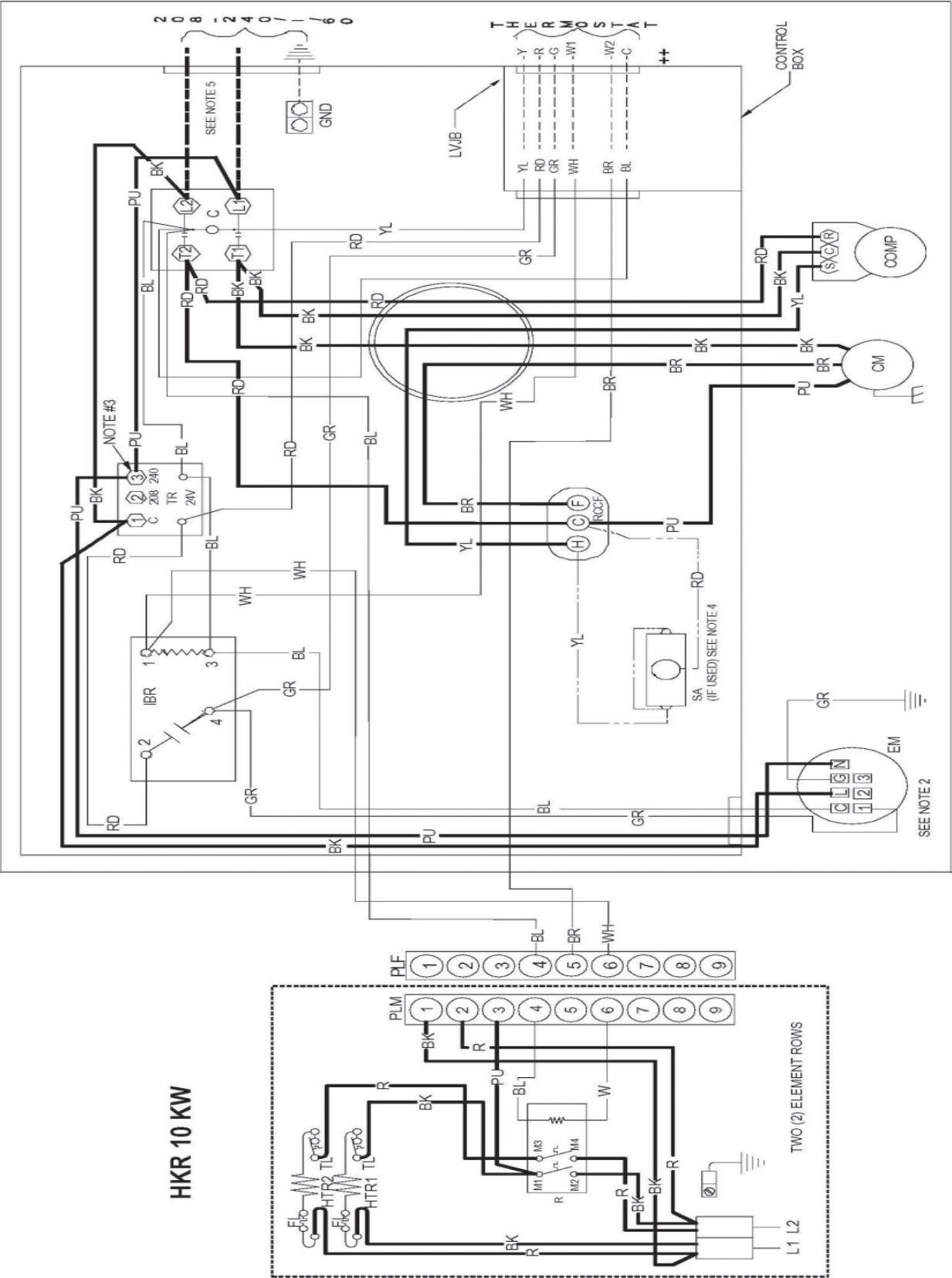
WIRING DIAGRAM — GPC1324-48H21AB/AC WITH HKR-10



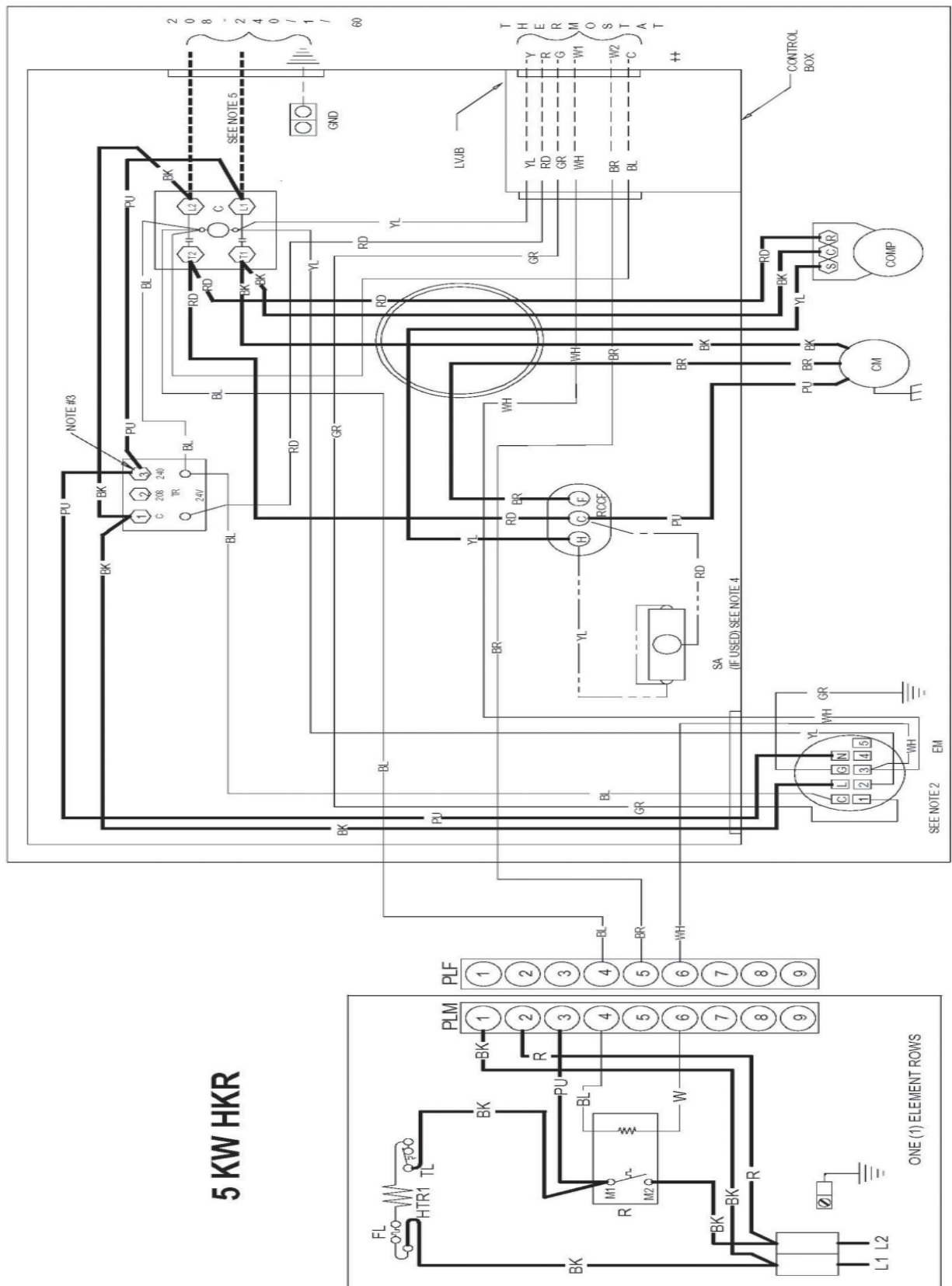
WIRING DIAGRAM — GPC1360H21A/AA WITH HKR-05



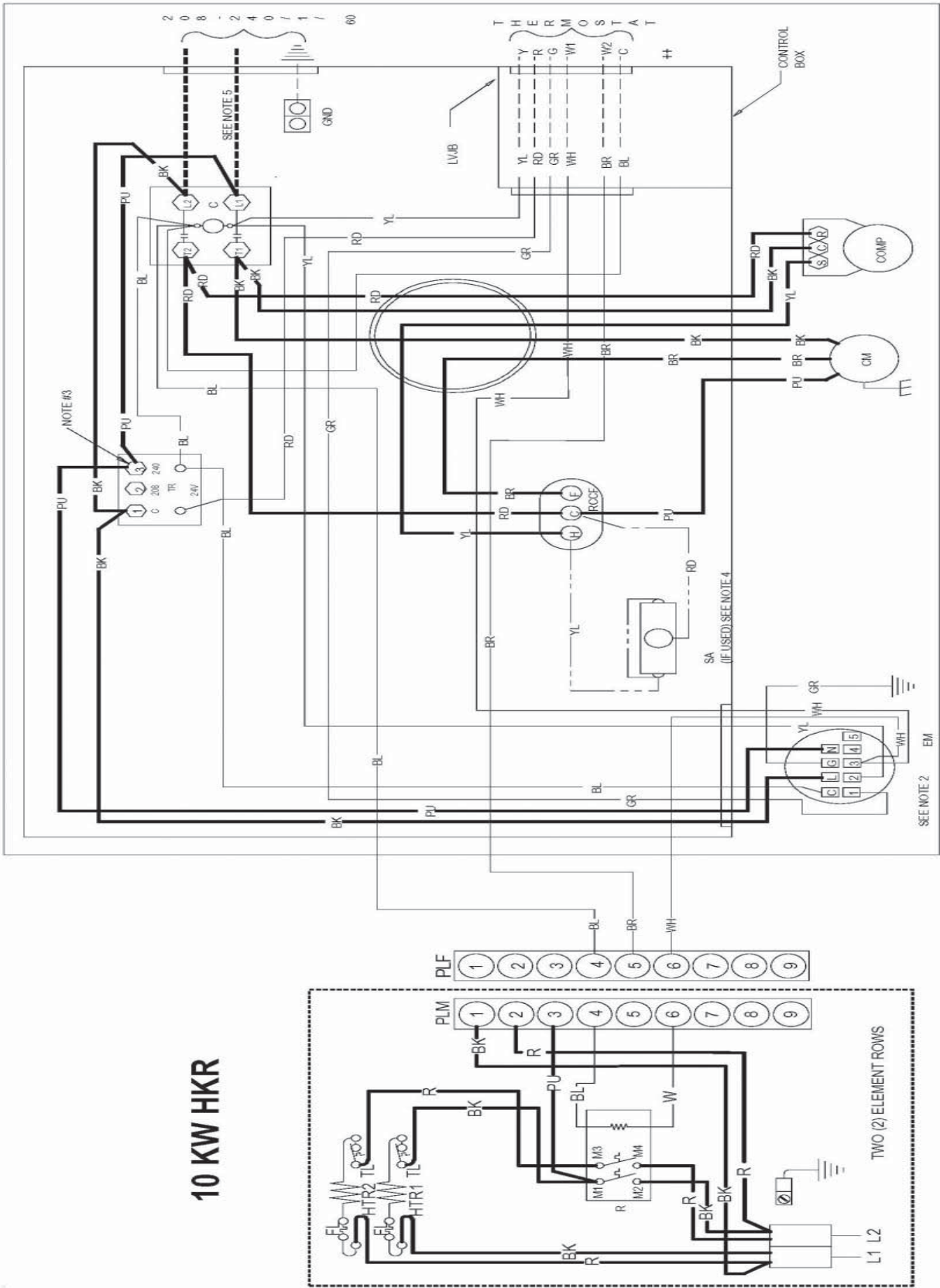
WIRING DIAGRAM — GPC1360H21A/AA WITH HKR-10



WIRING DIAGRAM — GPC1360H21AB WITH HKR-05



WIRING DIAGRAM — GPC1360H21AB WITH HKR-10



ACCESSORIES

Item #	Description
PCCP101-103	Roof Curb for GPC- Electric/Electric Package Unit
PCP101-103	Downflow Plenum Kit for GPC- Package Unit
PCP101-103R8	Downflow Plenum Kit for GPC- Package Unit with R-8 Insulation
PCE101-103	Downflow Economizer for GPC- Package Unit to be used with PCP101-103
PCMD101-103	Manual Damper for GPC- Package Unit to be used with PCP101-103
PCMDM101-103	Motorized Damper for GPC- Package Unit to be used with PCP101-103
PCMDH101-103	Manual Damper for GPC- Package Unit Horizontal Applications
SQRPCH101	Square-to-Round Adapters for GPC- Package Unit 16" & 14"
SQRPCH102-103	Square-to-Round Adapters for GPC- Package Unit 18" & 14"
SQRPC101	Square-to-Round Adapter for GPC- Package Unit for use with PCCP101-103 Curb 16" Rounds
SQRPC102-103	Square-to-Round Adapter for GPC- Package Unit for use with PCCP101-103 Curb 18" Rounds
PCFR101-103	External Horizontal Filter Rack
PCEF101-103	Elbow & Flashing w/ R-8 Liner for GPC- Package Unit

The above accessories are offered by McDaniel Metals • Main: (281) 987-8400 • Fax: (281) 987-9494