Goodman
Air Conditioning & Heating

GPC13H

Packaged Air Conditioner

13 SEER

R-22 Refrigerant ONLY
2 to 5 Tons

Cooling Capacity: 24,000 - 59,000 BTU/h

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 system
- 5 kW to 20 kW electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

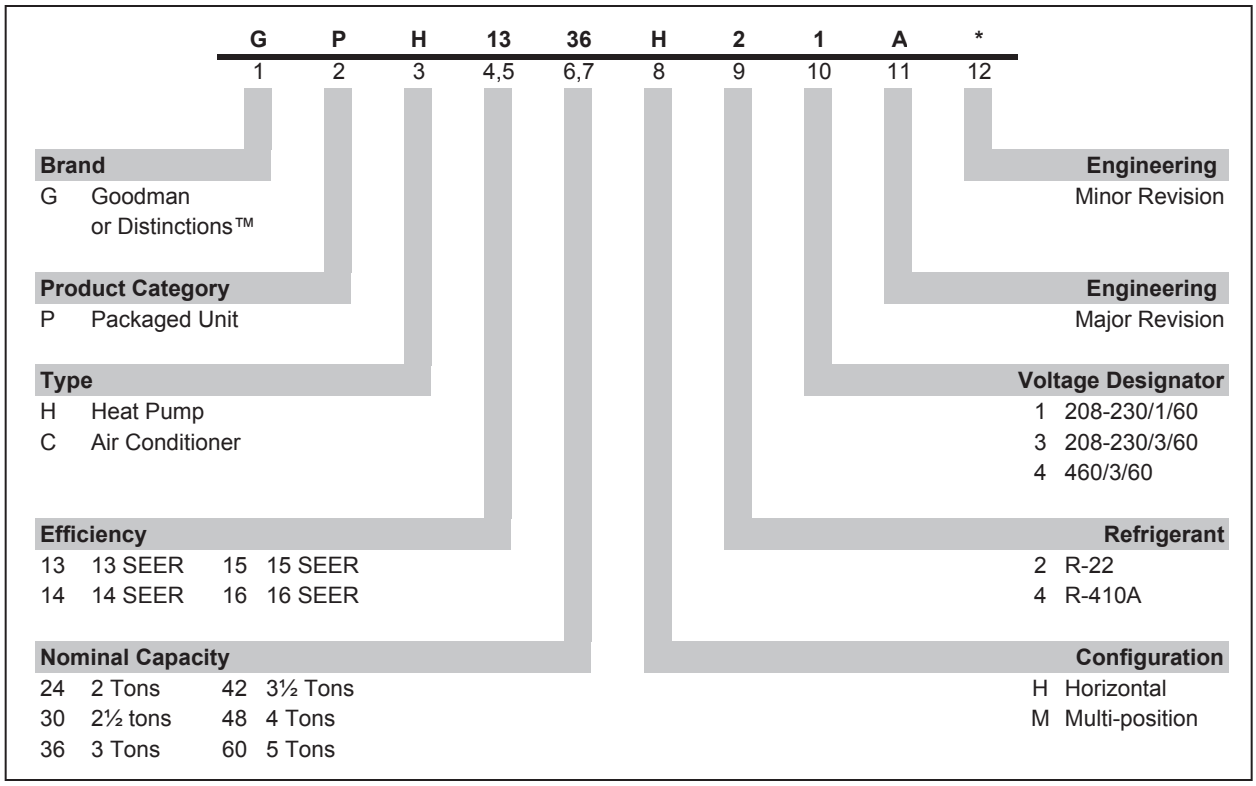
- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; three heights

Contents

10 YEAR PARTS LIMITED WARRANTY*

* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

NOMENCLATURE



Specifications

	GPC13 24H21**	GPC13 30H21**	GPC13 36H21**	GPC13 42H21**	GPC13 48H21**	GPC13 60H21**
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
SEER / EER	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.1
Decibels	76	76	78	78	80	80
Evaporator Motor						
Type	DD	DD	DD	DD	DD	DD
Wheel (D x W)	9 x 6	9 x 6	9 x 8	10 x 8	10 x 8	11 x 8
Nominal Cooling CFM	875	1,080	1,205	1,410	1,585	1,850
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 - 1,075	⅓ - 1,075	⅓ - 1,075	½ - 1,075	½ - 1,075	¾ - 1,075
Evaporator Coil						
Face Area (ft^2)	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 (ft^2)	20 x 20 x 1	20 x 25 x 1	25 x 25 x 1	(2) 20x20x1	(2) 20x20x1	(2) 20x25x1
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	¼ - 1,075	¼ - 1,075	¼ - 1,075	⅓ - 1,075	⅓ - 1,075
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 (ft^2)	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
Compressor						
Quantity	1	1	1	1	1	1
Type	Recip	Recip	Recip	Scroll	Scroll	Scroll
Stage	Single	Single	Single	Single	Single	Single
Electrical Data						
Voltage-Phase-Frequency	208/230-1-60		208/230-1-60		208/230-1-60	
Compressor RLA / LRA	10.1 / 51	9.7 / 49	12.2 / 73	16.5 / 95	20.0 / 104	24.4 / 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]	15.2	16.1	19.3	26.1	31.4	39.0
Max. Overcurrent Protection (amps)[2]	20	25	30	40	50	60
Ship Weight (lbs)	310	310	370	370	400	400

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

[2] May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Expanded Cooling Data — GPC1324H21*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
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	-
		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	-
		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	-
		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	-
	800	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	-
		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	-
	700	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	-
75	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
		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
	800	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
		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
	700	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
		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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1324H21* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
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
		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	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	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
		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
	800	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
		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	25	24	21	16	25	24	21	16	25	24	**21**	17	24	23	20	16	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
		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
		Hi PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	**248**	259	246	264	279	291	271	292	308	322
		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
	700	MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8
		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	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15
		kW	1.69	1.73	1.78	1.83	1.82	1.85	1.91	1.97	1.92	1.96	2.02	2.09	2.02	2.06	2.12	2.19	2.10	2.14	2.21	2.28	2.17	2.21	2.28	2.36
		Amps	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.3	8.6	8.3	8.5	8.7	9.1
		Hi PR	146	157	166	173	163	176	186	194	186	200	211	220	212	228	241	251	238	256	271	282	263	283	299	312
		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	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
	800	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
		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
	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1330H21*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
70	1181	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	-
		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	-
	1050	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	-
	919	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	-

75	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
	1050	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
		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
	919	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1330H21* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
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
		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
		ΔT	21	20	17	14	21	20	17	14	21	20	18	14	20	21	18	14	19	20	17	14	18	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
		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
	1050	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
		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
		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
		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	2.54
		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	184	194	202	194	209	220	230	221	238	**251**	262	248	267	282	295	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
	919	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
		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
		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
		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
		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
		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
		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
85	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
	1050	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
		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
	919	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1336H21*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
70	1457	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	-
		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	-
		ΔT	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	-	2.85	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	-	13.1	13.4	13.9	-
		Hi PR	152	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	267	282	-	274	295	311	-
		Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-
	1295	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	-
		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	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		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	-	2.83	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	-
		Hi PR	150	162	171	-	168	181	191	-	192	206	218	-	218	235	248	-	245	264	279	-	271	292	308	-
		Lo PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-
	1133	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	-
		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	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	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	-
		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	-
		Hi PR	146	157	165	-	163	176	186	-	186	200	211	-	212	228	241	-	238	256	271	-	263	283	299	-
		Lo PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-

75	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
	1295	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
		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
	1133	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
		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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1336H21* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
80	1457	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
	1295	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
		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
	1133	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
85	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
	1295	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
		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
	1133	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1342H21A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
70	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	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	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	-
		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	-
		Hi PR	150	161	170	-	168	181	191	-	191	206	217	-	218	234	247	-	245	264	278	-	271	291	308	-
		Lo PR	66	70	76	-	69	74	81	-	72	77	84	-	76	81	88	-	79	85	92	-	82	87	95	-
	1600	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	-
		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	16	12	-	19	16	12	-	19	17	13	-	19	16	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	-
		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	-
		Hi PR	148	160	169	-	166	179	189	-	189	204	215	-	216	232	245	-	243	261	276	-	268	288	305	-
		Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-
	1400	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	-
		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	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	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	-
		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	-
		Hi PR	144	155	164	-	161	174	183	-	184	198	209	-	209	225	238	-	235	253	267	-	260	280	295	-
		Lo PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	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
	1600	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1342H21A* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
80	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
		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
	1600	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
		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
	1400	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
		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
	1600	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
	1400	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1348H21A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
70	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	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	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	-
		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	-
		Hi PR	150	161	170	-	168	181	191	-	191	206	217	-	218	234	247	-	245	264	278	-	271	291	308	-
		Lo PR	66	70	76	-	69	74	81	-	72	77	84	-	76	81	88	-	79	85	92	-	82	87	95	-
	1600	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	-
		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	16	12	-	19	16	12	-	19	17	13	-	19	16	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	-
		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	-
		Hi PR	148	160	169	-	166	179	189	-	189	204	215	-	216	232	245	-	243	261	276	-	268	288	305	-
		Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-
	1400	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	-
		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	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	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	-
		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	-
		Hi PR	144	155	164	-	161	174	183	-	184	198	209	-	209	225	238	-	235	253	267	-	260	280	295	-
		Lo PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	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
	1600	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1348H21A* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
80	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
		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
	1600	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
		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
	1400	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
		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
	1600	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
	1400	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1360H21A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
70	2250	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	-
		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	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	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	-
		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	-
		Hi PR	156	168	177	-	175	188	199	-	199	214	226	-	226	244	257	-	255	274	290	-	281	303	320	-
		Lo PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-
	2000	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	-
		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	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	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	-
		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	-
		Hi PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	271	287	-	279	300	317	-
		Lo PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	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	-
		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	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	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	-
		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	-
		Hi PR	150	161	170	-	168	181	191	-	191	206	217	-	217	234	247	-	245	263	278	-	270	291	307	-
		Lo PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	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
	2000	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
		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
	1750	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — GPC1360H21A* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
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
		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
	1750	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
		kW	3.46	3.54	3.67	3.80	3.76	3.85	3.98	4.12	4.02	4.11	4.26	4.41	4.24	4.35	4.50	4.66	4.44	4.55	4.71	4.88	4.61	4.72	4.89	5.06
		Amps	13.4	13.8	14.2	14.8	14.6	15.0	15.5	16.1	15.9	16.3	16.9	17.6	17.1	17.5	18.1	18.8	18.2	18.7	19.4	20.1	19.4	19.9	20.6	21.4
		Hi PR	153	164	174	181	171	184	195	203	195	210	221	231	222	239	252	263	250	269	284	296	276	297	313	327
		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
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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Airflow Data

Model	Motor Speed	Volts		E.S.P (In. of H_2O)							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
GPC13 24H21**	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
GPC13 30H21**	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
GPC13 36H21**	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
GPC13 42H21**	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
GPC13 48H21**	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
GPC13 60H21**	"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" H_2O, for 2-row indoor coil; 0.2" H_2O, for 3-row indoor coil; and 0.3" H_2O, for 4-row indoor coil
- Data shown does not include filter pressure drop, approx. 0.08" H_2O.
- 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 208V operation.

Heat Kit Electrical Data (Blower Only, Heat Mode)

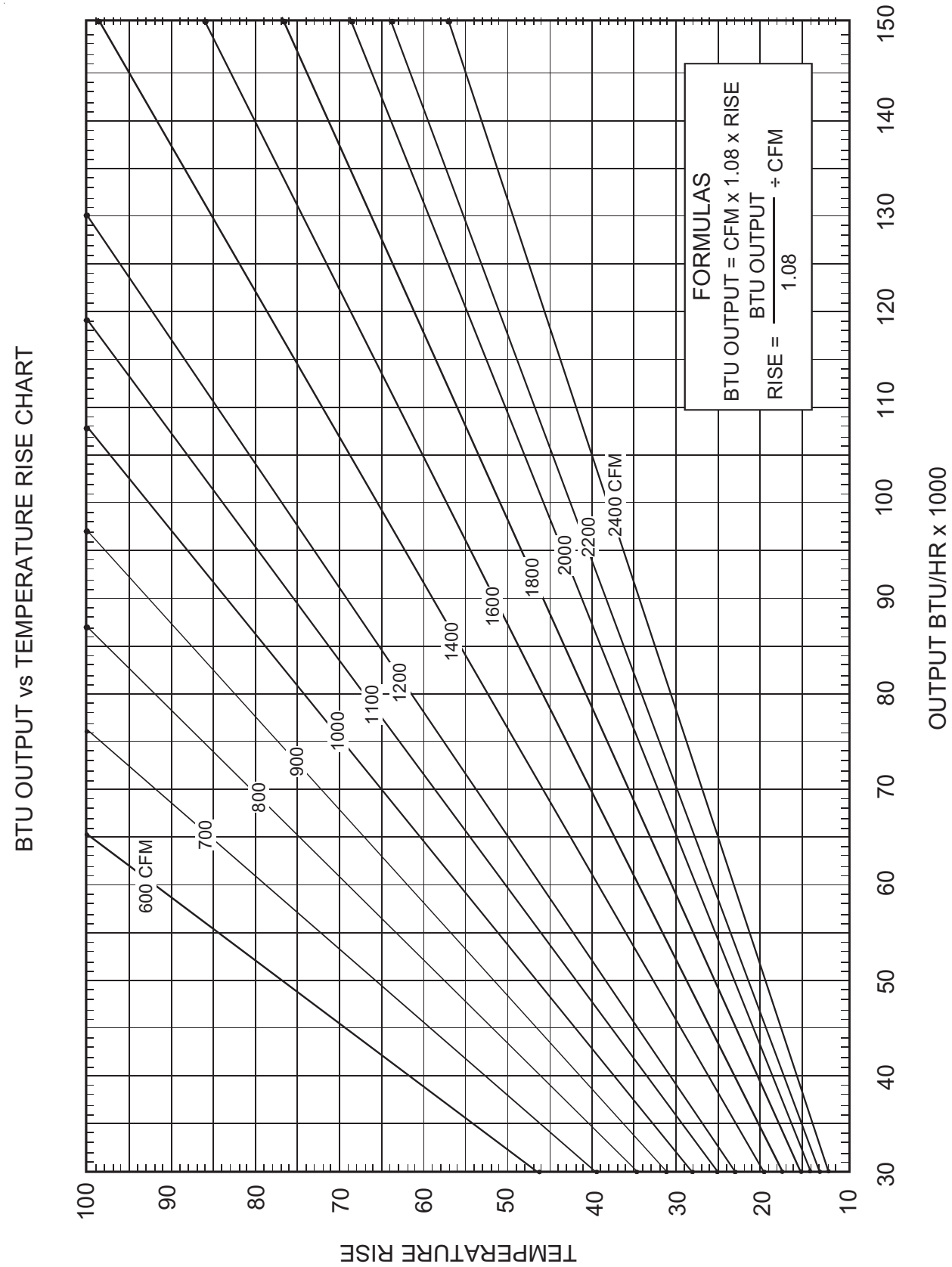
Model & Heat Kit Usage	Circuit #1		Circuit #2		Actual kW / BTU @ 240V
	MCA[1]	MOD[2]	MCA[1]	MOD[2]	
GPC1324H21**	1.5 / 1.5	--	--	--	--
HKR-05*, HKR-05C*	24 / 27	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	33 / 38	40 / 40	--	--	7 / 23,800
HKR-10*, HKR-10C*	45 / 51	60 / 60	--	--	9.5 / 32,400
GPC1330H21**	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
GPC1336H21**	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
GPC1342H21**	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
GPC1348H21**	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
GPC1360H21**	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

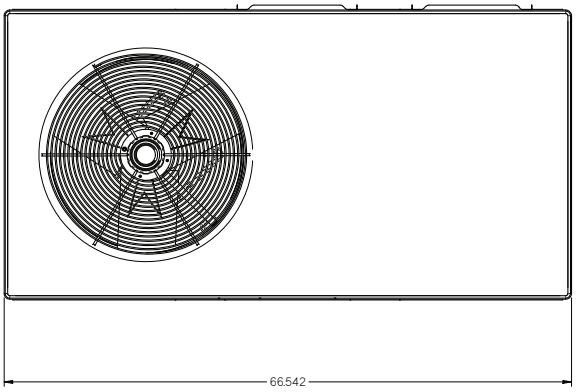
[2] Maximum Overcurrent Protection (amps) @ 208 / 240V

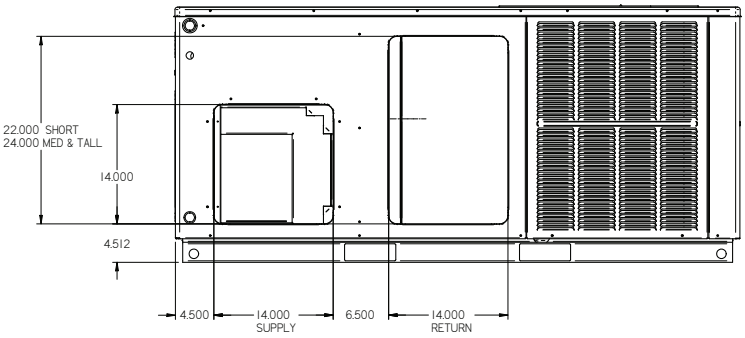
* Indicates revision letter that may or may not be designated

Temperature Rise Range Chart

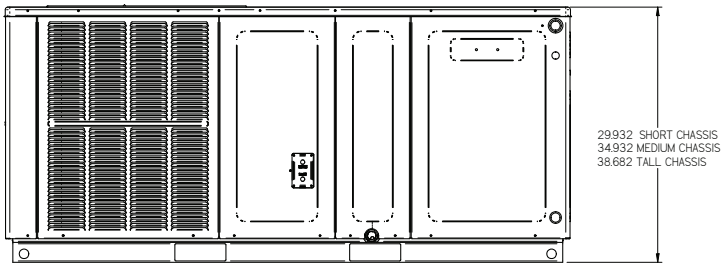


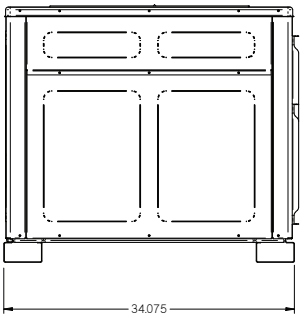
Dimensions





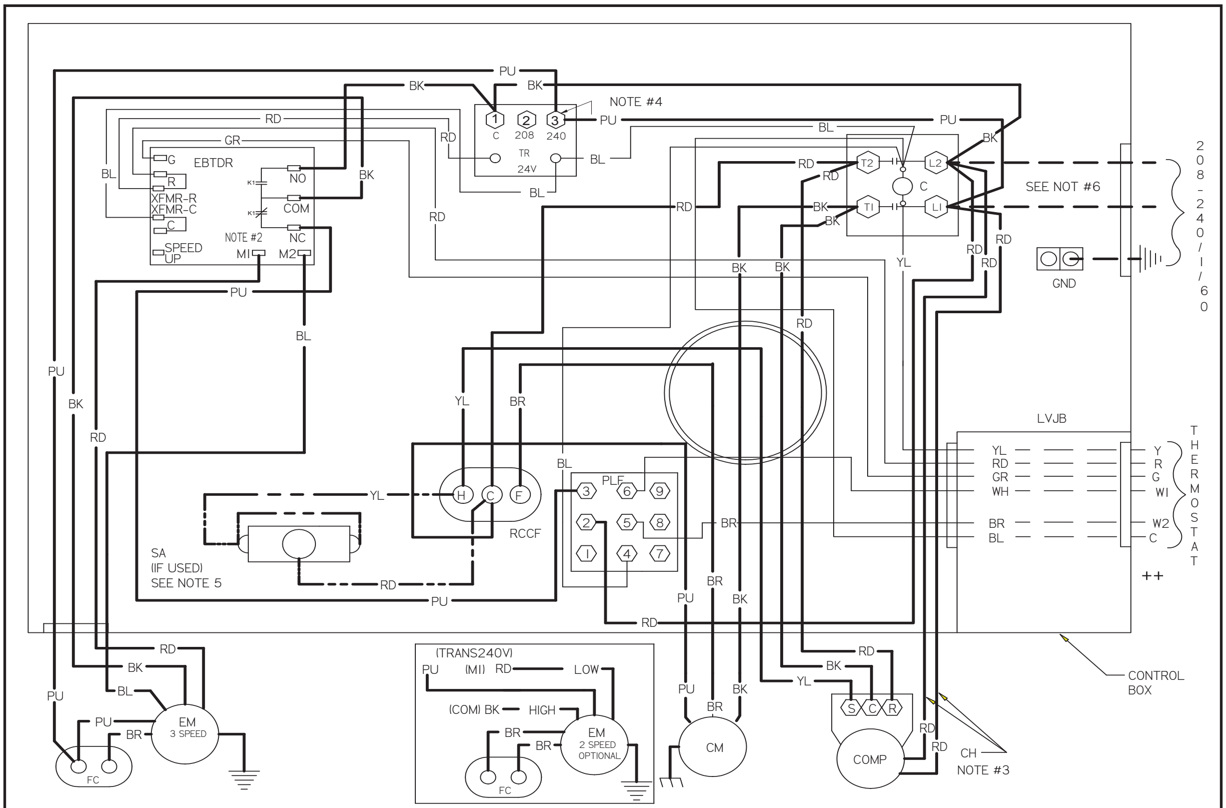
BACK VIEW
(DUCT OPENINGS)

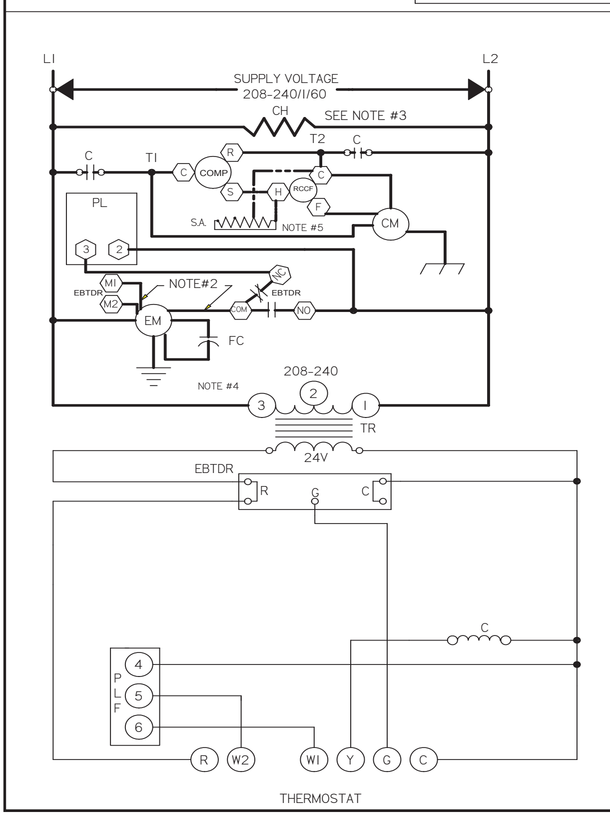




Model	Dimensions			Chassis Size		
	W"	D"	H"	Small	Med.	Large
GPC1324H21**	66½	34	30	X		
GPC1330H21**	66½	34	30	X		
GPC1336H21**	66½	34	35		X	
GPC1342H21**	66½	34	35		X	
GPC1348H21**	66½	34	38⅔			X
GPC1360H21**	66½	34	38⅔			X

Wiring Diagram — GPC1324-48H21A





COMPONENT LEGEND

C	CONTACTOR
CH	CRACKCASE HEATER
CM	CONDENSER MOTOR
COMP	COMPRESSOR
EBTDR	ELECTRONIC BLOWER TIME DELAY RELAY
EM	EVAPORATOR MOTOR
FC	FAN CAPACITOR
GND	EQUIPMENT GROUND
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
TR	TRANSFORMER

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTINAL HIGH VOLTAGE

FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED REPLACE LEAD ON EBTDR "COM" WITH LEAD ON EBTDR "M1" OR "M2"
3. CRANKCASE HEAT NOT SUPPLIED ON ALL UNITS.
4. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TERMINAL 2 ON TRANSFORMER.
5. START ASSIST FACTOR EQUIPED WHEN REQUIRED
6. USE COPPER CONDUCTORS ONLY

++ USE N.E.C. CLASS 2 WIRE

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

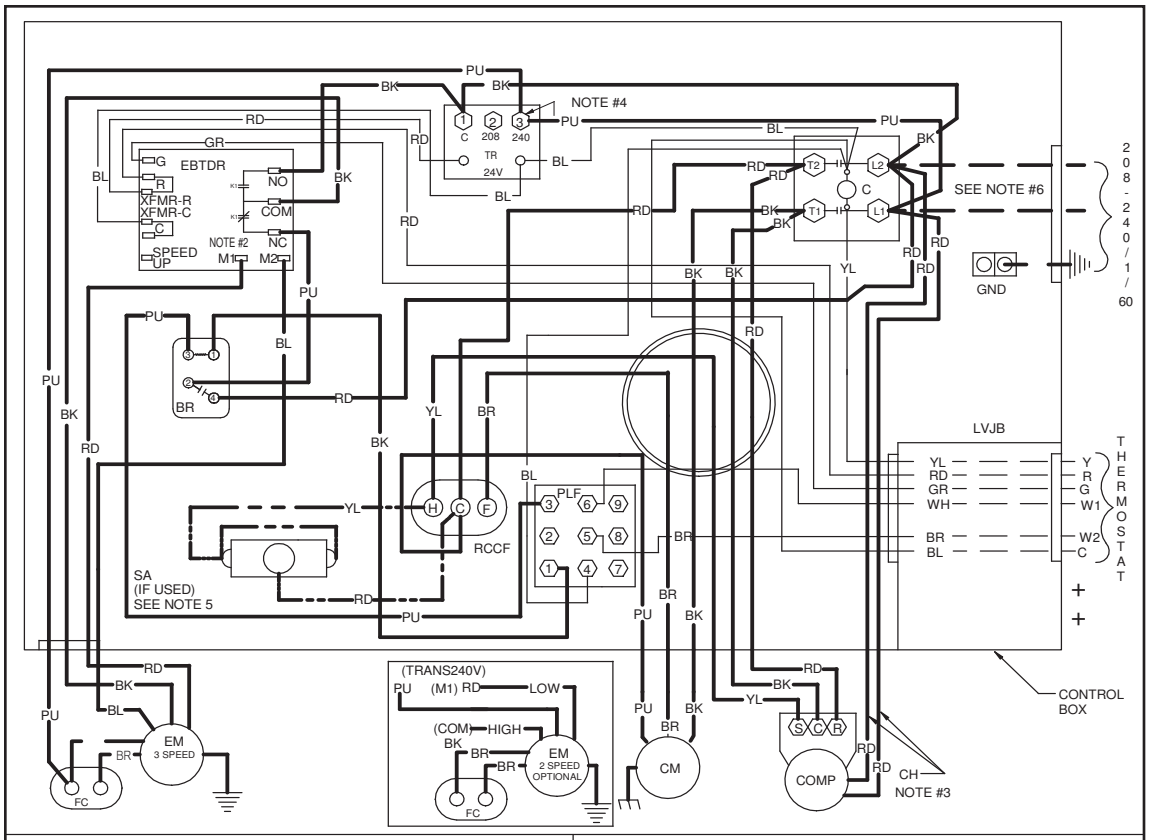
208-240/1/60 0140G00032B

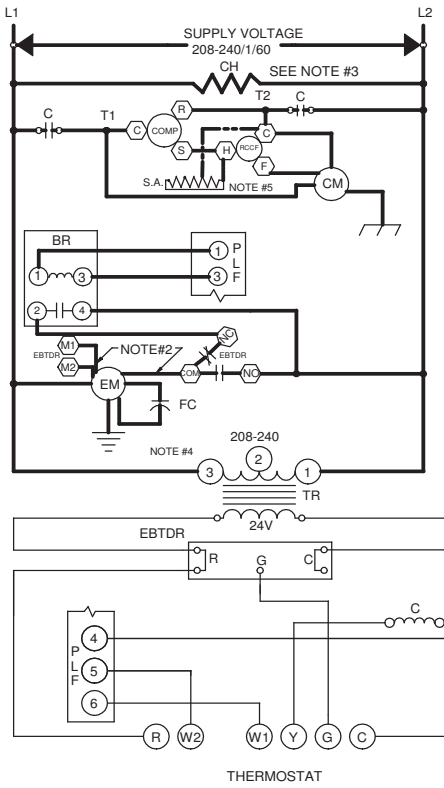
WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

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

WIRING DIAGRAM — GPC1324-48H21AB-AC





COMPONENT LEGEND

BR	BLOWER INTERLOCK RELAY
C	CONTACTOR
CH	CRACKCASE HEATER
CM	CONDENSER MOTOR
COMP	COMPRESSOR
EBTD	ELECTRONIC BLOWER TIME DELAY
R	RELAY
EM	EVAPORATOR MOTOR
FC	FAN CAPACITOR
GND	EQUIPMENT GROUND
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
TR	TRANSFORMER

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTINAL HIGH VOLTAGE

FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED REPLACE LEAD ON EBTDR "COM" WITH LEAD ON EBTDR "M1" OR "M2"
3. CRANKCASE HEAT NOT SUPPLIED ON ALL UNITS.
4. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TERMINAL 2 ON TRANSFORMER.
5. START ASSIST FACTOR EQUIPED WHEN REQUIRED
6. USE COPPER CONDUCTORS ONLY

++ USE N.E.C. CLASS 2 WIRE

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

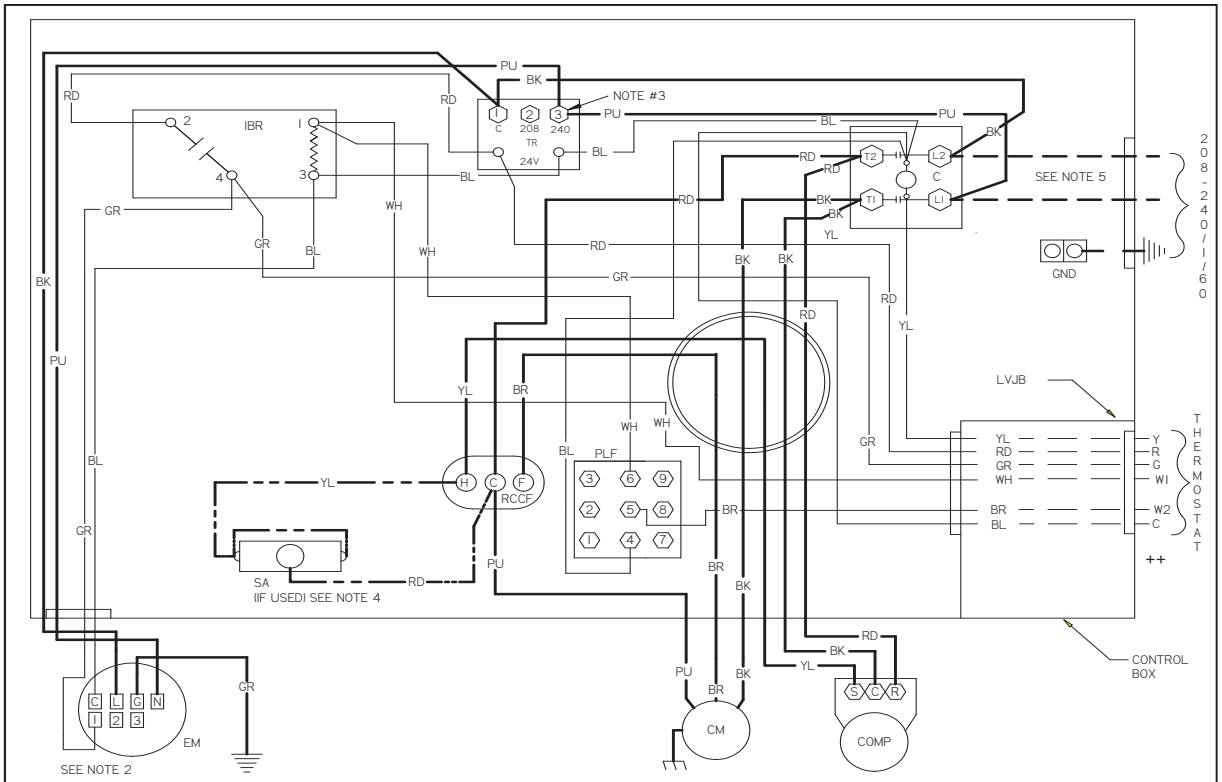
208-240/1/60 0140G00364 REV. A

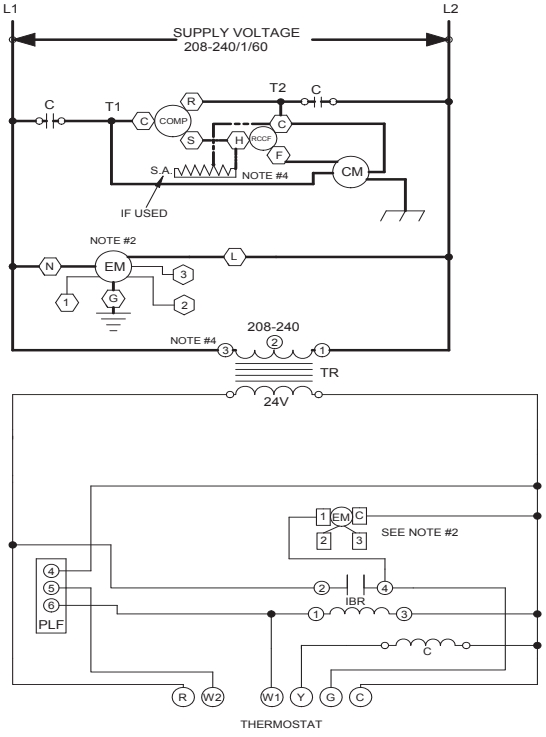
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

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

WIRING DIAGRAM — GPC1360H21A-AA





COMPONENT LEGEND

C	CONTACTOR
CM	CONDENSER MOTOR
COMP	COMPRESSOR
EM	EVAPORATOR MOTOR
GND	EQUIPMENT GROUND
IBR	INDOOR BLOWER RELAY
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
TR	TRANSFORMER

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTINAL HIGH VOLTAGE

FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED MOVE LEAD FROM EM "1" TO "2" OR "3". TERMINAL "3" IS THE HIGHEST SPEED.
3. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
4. START ASSIST FACTOR EQUIPED WHEN REQUIRED
5. USE COPPER CONDUCTORS ONLY.

++ USE N.E.C. CLASS 2 WIRE

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

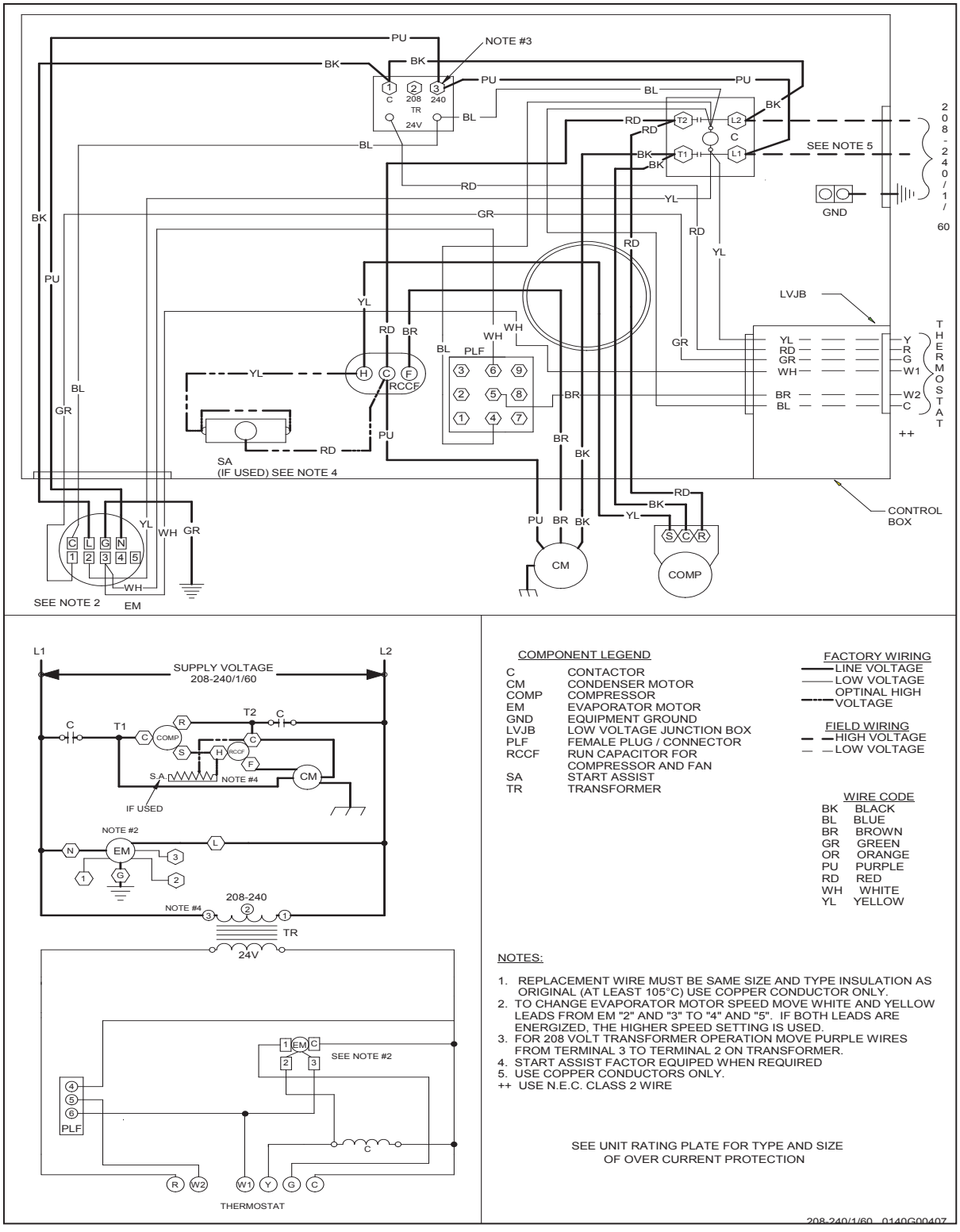
208-240/1/60 - 0110G00082P

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

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

WIRING DIAGRAM — GPC1360H21AB



COMPONENT LEGEND

C	CONTACTOR
CM	CONDENSER MOTOR
COMP	COMPRESSOR
EM	EVAPORATOR MOTOR
GND	EQUIPMENT GROUND
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
TR	TRANSFORMER

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTINAL HIGH VOLTAGE

FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED MOVE WHITE AND YELLOW LEADS FROM EM "2" AND "3" TO "4" AND "5". IF BOTH LEADS ARE ENERGIZED, THE HIGHER SPEED SETTING IS USED.
3. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
4. START ASSIST FACTOR EQUIPED WHEN REQUIRED
5. USE COPPER CONDUCTORS ONLY.

++ USE N.E.C. CLASS 2 WIRE

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

208-240/1/60 0140G00407

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

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

Accessories

Item	Description
OT/EHR18-60	Emergency Heat Relay kit
OT18-60A	Outdoor Thermostat Kit with Lockout Stat
PCCP102/103	Roof Curb for for Medium/Large Chassis
PCE102/103	Downflow Economizer for for Medium/Large Chassis
PCEF102/103	Elbow & Flashing w/ R-8 Liner for Medium/Large Chassis
PCFR102/103	External Horizontal Filter Rack for Medium/Large Chassis
PCMD102/103	Manual Damper for Medium/Large Chassis
PCMDH102/103	Manual Damper for Medium/Large Chassis — Horizontal Applications
PCMDM102/103	Motorized Damper for Medium/Large Chassis
PCP102/103	Downflow Plenum Kit for Medium/Large Chassis
PCP102/103R8	Downflow Plenum Kit for Medium/Large Chassis
SQRPC101	Square-to-Round Adapter for Small Chassis — 16” Rounds
SQRPC102-103	Square-to-Round Adapter for Medium/Large Chassis — 18” Rounds
SQRPCH101	Square-to-Round Adapters Small Chassis for Small Chassis — 16” x 14”
SQRPCH102-103	Square-to-Round Adapters for Medium/Large Chassis — 18” x 14”