



Air Conditioning & Heating

PRODUCT SPECIFICATIONS



UP TO 15 SEER

UP TO 80% AFUE

2 TO 5 TONS

SINGLE PHASE

COOLING CAPACITY: 23,200 – 56,500 BTU/H

HEATING CAPACITY: 69,000 – 138,000 BTU/H



*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. Full warranty details available at www.goodmanmfg.com.

GPG15 SERIES

SINGLE-PHASE, SELF-CONTAINED

PACKAGED GAS/ELECTRIC

The Goodman® brand GPG15 Packaged Gas/Electric unit uses the chlorine-free refrigerant R-410A and provides high-efficiency performance. This unit is housed in a heavy-gauge, zinc-coated steel cabinet with a weather-resistant, powder-paint finish and allows for a ground-level or rooftop mount, horizontal or downflow application.

Standard Features

- High-efficiency compressor
- Durable, corrosion-resistant T-140 aluminized steel tubular heat exchanger
- Energy-efficient motor (EEM)
- Fully charged R-410A system
- Copper tube/aluminum fin coil
- Redundant two-stage gas valve; natural gas with easy conversion to propane
- Power-assisted combustion
- Direct spark ignition system includes a micro-processor-based control for the entire ignition sequence
- All blower operation and all safety circuits complete with self-diagnostics
- Loss-of-charge protection
- All models comply with California Low NOx emission standards
- AHRI Certified; ETL Listed



Cabinet Features

- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- Horizontal or downflow application
- Convenient access panels
- One roof curb fits all units
- Bottom, 2" high base rails for easier handling
- All models fit a standard-size pick-up truck
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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NOMENCLATURE

	G	P	G	13	24	045	4	1	
	1	2	3	4,5	6,7	8, 9, 10	11	12	
Brand	G Goodman								Electrical
Product Category	P Packaged Unit								1 208-230/1/60
Unit Type	G Gas/Electric								3 208-230/3/60
Efficiency	13 13 SEER								Refrigerant
	15 15 SEER								2 R-22
Nominal Capacity	24 2 Tons		42 3½ Tons						4 R-410A
	30 2½ tons		48 4 Tons						Heat Input
	36 3 Tons		60 5 Tons						45 46 MBTU/h
									70 69 MBTU/h
									90 92 MBTU/h
									115 115 MBTU/h
									140 138 MBTU/h

Important EnergyStar Notice: EnergyStar ratings are dependent upon conditions beyond equipment installation. Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet EnergyStar criteria. Ask your contractor for details or visit www.energystar.gov.

SPECIFICATIONS

	GPG15 2407041AA	GPG15 3009041AA	GPG15 3609041AA	GPG15 3609041AB	GPG15 3709041AA	GPG15 4211541AA
Cooling Capacity (BTU/h)						
High-Stage Total ^{2 3}	23,200	29,000	35,400	35,400	35,000	40,000
Sensible ^{2 3}	18,500	22,500	27,500	27,500	26,300	30,300
SEER / EER ^{2 3}	15 / 12	14.5 / 12	15 / 11	15 / 11	14.5 / 12	14.5 / 12
Low-Stage Total ²	---	---	38,500	24,400	---	---
Decibels	76	76	76	76	76	78
AHRI #s	1184771	3481461	1184772	1184772	3481462	3481463
Heating Capacity (BTU/h)						
High-Fire Input	69,000	92,000	92,000	92,000	92,000	115,000
High-Fire Output	55,000	73,500	73,500	73,500	73,500	92,000
Low-Fire Input	51,500	69,000	69,000	69,000	69,000	86,000
Low-Fire Output	40,500	55,000	55,000	55,000	55,000	69,000
AFUE	80.0	80.0	80.0	80.0	80.0	80.0
Temperature Rise Range	35 - 65	45 - 75	45 - 75	45 - 75	45 - 75	45-75
No. of Burners	3	4	4	4	4	5
Orifice Size (Gas / LP)	43 / 55	43 / 55	43 / 55	43 / 55	43 / 55	43 / 55
Evaporator Motor						
Type	EEM (X-13)	EEM (X-13)	EEM (X-13)	EEM (X-13)	EEM (X-13)	EEM (X-13)
Wheel (DxW)	10" x 8"	10" x 9"	10" x 9"	10" x 9"	10" x 9"	11 x 10
Indoor Nominal CFM	845	1,050	800 / 1,225	800 / 1,225	1,050	1,200
Motor Speed Tap (Cooling)	T4	T3, T4	T3, T4	T3, T4	T3, T4	T3, T4
RPM / Amps (Cooling)	724 / 1.21	960 / 3.06	640 / 0.98 960 / 3.06	940 / 3.06 960 / 3.06	960 / 3.06	890 / 3.8
Horsepower / RPM	½ / 1,050	½ / 1,050	½ / 1,050	½ / 1,050	½ / 1,050	¾ / 1,050
Evaporator Coil						
Face Area (ft ²)	4.33	4.33	4.33	4.33	4.33	5.67
Rows Deep / Fin per Inch	2 / 14	3 / 14	4 / 14	4 / 14	4 / 14	4 / 14
Expansion Device	TXV	0.065	TXV	TXV	TXV	0.072
Filter Size (ft ²)	2.7	4.2	4.2	4.2	4.2	5.1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge -- R-410A	81 oz	105 oz	99 oz	99 oz	115 oz	165 oz
Condenser Fan						
Horsepower - RPM	1/6 - 815	¼ / 830	¼ - 1,075	¼ / 830	¼ / 830	¼ - 1,075
Fan Diameter / # of Fan Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	2,400	2,700	2,700	2,700	2,700	3,500
Condenser Coil						
Face Area (ft ²)	12.3	12.3	12.3	12.3	12.3	15.3
Row Deep / Fins per Inch	1 / 22	2 / 16	1 / 22	1 / 22	2 / 16	2 / 16
Electrical Data						
Voltage/ Phase/ Frequency	208-230/ 1/ 60	208-230/1/60	208-230/ 1/ 60	208-230/1/60	208-230/1/60	208-230/1/60
Compressor RLA / LRA	13.5 / 58.3	14.1 / 73	16.7 / 82	16.7 / 82	16.7 / 79	17.9 / 112
Indoor Blower FLA	4.1	1.86	4.1	4.1	1.86	2.87
Outdoor Fan FLA / LRA	1.1 / 1.7	1.5 / 3	1.4 / 2.9	1.5 / 3	1.5 / 3	1.4 / 2.9
Total Unit Amps	18.7	17.5	22.2	22.3	20.1	22.2
Min. Circuit Ampacity	22.1	21	26.5	26.5	24.2	26.6
Max. Overcurrent Protection	30	35	40	40	40	40
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	⅞"	⅞"	⅞"	⅞"	⅞"	⅞"
Operating Weight (lbs)	417	453	458	458	458	538
Ship Weight (lbs)	439	475	480	480	480	560

¹ Single Stage

² Two Stage (or Single Stage 2-ton only)

³ Outdoor Ambient Temperature @ 95°F

SPECIFICATIONS (CONT.)

	GPG15 4811541AA	GPG15 4811541AB	GPG15 4911541AA	GPG15 6014041AA	GPG15 6014041AB
Cooling Capacity (BTU/h)					
High-Stage Total ^{2 3}	47,500	47,500	47,000	56,500	56,500
Sensible ^{2 3}	37,000	37,000	34,000	44,000	44,000
SEER / EER ^{2 3}	15 / 11	15 / 11	15 / 12	14 / 10.1	14 / 10.1
Low-Stage Total ²	52,000	35,000	33,000	62,000	41,000
Decibels	78	78	78	78	78
AHRI #s	1184773	1184773	3481464	1184774	1184774
Heating Capacity (BTU/h)					
High-Fire Input	115,000	115,000	115,000	138,000	138,000
High-Fire Output	92,000	92,000	92,000	110,200	110,200
Low-Fire Input	86,000	86,000	86,000	103,500	103,500
Low-Fire Output	69,000	69,000	69,000	83,000	83,000
AFUE	80.0	80.0	80.0	80.0	80.0
Temperature Rise Range	45 - 75	45-75	45-75	45 - 75	45-75
No. of Burners	5	5	5	6	6
Orifice Size (Gas / LP)	43 / 55	43 / 55	43 / 55	43 / 55	43 / 55
Evaporator Motor					
Type	EEM (X-13)	EEM (X-13)	EEM (X-13)	EEM (X-13)	EEM (X-13)
Wheel (DxW)	11" x 10"	11" x 10"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	1,100 / 1,510	1,100 / 1,510	1,300	1,300 / 1,810	1,300 / 1,810
Motor Speed Tap (Cooling)	T3, T4	T3, T4	T3, T4	T3, T4	T3,T4
RPM / Amps (Cooling)	647 / 1.66 890 / 3.80	647 / 1.66 890 / 3.80	890 / 3.8	778 / 1.98 1,030 / 5.7	778 / 1.98 1,030 / 5.7
Horsepower / RPM	¾ / 1,050	¾ / 1,050	¾ / 1,050	1 / 1,050	1 / 1,050
Evaporator Coil					
Face Area (ft ²)	5.67	5.67	5.67	5.67	5.67
Rows Deep / Fin per Inch	4 / 14	4 / 14	4 / 14	4 / 14	4 / 14
Expansion Device	TXV	TXV	TXV	TXV	TXV
Filter Size (ft ²)	5.1	5.1	5.1	6.3	6.3
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge -- R-410A	169 oz	169 oz	170 oz	177 oz	177 oz
Condenser Fan					
Horsepower - RPM	⅓ - 1,075	¼ / 1,075	⅓ - 1,075	⅓ - 1,075	⅓ - 1,075
Fan Diameter / # of Fan Blades	22" / 4	22" / 3	22" / 3	22" / 4	22" / 3
Outdoor Nominal CFM	3,500	3,500	3,500	3,500	3,500
Condenser Coil					
Face Area (ft ²)	15.3	15.3	15.3	15.3	15.3
Row Deep / Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16
Electrical Data					
Voltage/ Phase/ Frequency	208-230/ 1/ 60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Compressor RLA / LRA	21.2 / 96	21.2 / 96	21.2 / 96	25.6 / 118	24.6 / 118
Indoor Blower FLA	5.8	5.8	2.87	7.6	7.6
Outdoor Fan FLA / LRA	2.4 / 5.2	1.4 / 5.2	1.4 / 2.9	2.4 / 5.2	1.4 / 5.2
Total Unit Amps	29.4	28.4	25.5	35.6	34.6
Min. Circuit Ampacity	34.8	34.8	30.8	42.1	42.1
Max. Overcurrent Protection	50	50	50	60	60
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	⅞"	⅞"	⅞"	⅞"	⅞"
Operating Weight (lbs)	538	538	538	543	543
Ship Weight (lbs)	560	560	560	565	565

¹ Single Stage

² Two Stage (or Single Stage 2-ton only)

³ Outdoor Ambient Temperature @ 95°F

EVAPORATOR BLOWER SPECIFICATIONS

GPG15240701A* - Rise Range: 35° - 65°																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - Cooling Speed			T4 - Cooling Speed			T5 - Cooling Speed		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	742	84	0.75	52	907	134	1.18	57	857	116	1.04	907	134	1.18	1,040	185	1.33
0.2	677	89	0.82	57	857	140	1.24	61	816	126	1.16	857	140	1.24	988	198	1.40
0.3	631	97	0.90	62	814	149	1.32	64	760	131	1.18	814	149	1.32	949	208	1.42
0.4	575	101	0.92	X	761	154	1.33	X	721	140	1.25	761	154	1.33	903	213	1.49
0.5	526	111	1.01	X	727	165	1.41	X	670	145	1.31	727	165	1.41	871	222	1.55
0.6	-	-	-	-	678	169	1.47	X	629	155	1.39	678	169	1.47	824	228	1.58
0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GPG153009041A* - Rise Range: 45° -75°																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - Cooling Speed			T4 - Cooling Speed			T5 - Cooling Speed		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	1,065	168	1.42	49	1,255	257	2.10	55	1,148	170	1.55	1,148	170	1.55	1,333	304	2.41
0.2	1,003	174	1.48	52	1,217	269	2.19	57	1,092	176	1.66	1,092	176	1.66	1,293	314	2.48
0.3	961	185	1.55	54	1,165	274	2.21	59	1,044	184	1.72	1,044	184	1.72	1,237	321	2.54
0.4	913	195	1.62	57	1,113	285	2.30	62	994	194	1.77	994	194	1.77	1,193	333	2.71
0.5	855	202	1.69	60	1,073	296	2.36	64	929	210	1.89	929	210	1.89	1,158	341	2.77
0.6	814	212	1.76	63	1,018	302	2.41	68	811	222	1.99	811	222	1.99	1,101	345	2.78
0.7	749	218	1.82	69	991	313	2.48	70	763	224	2.03	763	224	2.03	-	-	-
0.8	713	227	1.87	72	-	-	-	-	715	236	2.07	715	236	2.07	-	-	-

GPG153609041A* - Rise Range: 45° -75°																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - 1st Stage Cooling			T4 - 2nd Stage Cooling			T5 - Cooling Speed		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	1,065	168	1.42	49	1,255	257	2.10	55	924	120	1.08	1,333	304	2.41	1,418	360	2.92
0.2	1,003	174	1.48	52	1,217	269	2.19	57	863	128	1.14	1,293	314	2.48	1,375	371	3.00
0.3	961	185	1.55	54	1,165	274	2.21	59	812	138	1.24	1,237	321	2.54	1,316	376	3.05
0.4	913	195	1.62	57	1,113	285	2.30	62	745	145	1.27	1,193	333	2.71	1,279	387	3.13
0.5	855	202	1.69	60	1,073	296	2.36	64	702	154	1.35	1,158	341	2.77	1,245	392	3.19
0.6	814	212	1.76	63	1,018	302	2.41	68	643	159	1.37	1,101	345	2.78	1,193	400	3.22
0.7	749	218	1.82	69	991	313	2.48	70	601	168	1.44	-	-	-	-	-	-
0.8	713	227	1.87	72	-	-	-	-	502	173	1.52	-	-	-	-	-	-

GPG153709041A* - Rise Range: 45° -75°																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - Cooling Speed			T4 - Cooling Speed			T5 - Cooling Speed		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	1,065	168	1.42	49	1,255	257	2.10	55	1,148	170	1.55	1,148	170	1.55	1,418	360	2.92
0.2	1,003	174	1.48	52	1,217	269	2.19	57	1,092	176	1.66	1,092	176	1.66	1,375	371	3.00
0.3	961	185	1.55	54	1,165	274	2.21	59	1,044	184	1.72	1,044	184	1.72	1,316	376	3.05
0.4	913	195	1.62	57	1,113	285	2.30	62	994	194	1.77	994	194	1.77	1,279	387	3.13
0.5	855	202	1.69	60	1,073	296	2.36	64	929	210	1.89	929	210	1.89	1,245	392	3.19
0.6	814	212	1.76	63	1,018	302	2.41	68	811	222	1.99	811	222	1.99	1,193	400	3.22
0.7	749	218	1.82	69	991	313	2.48	70	763	224	2.03	763	224	2.03	-	-	-
0.8	713	227	1.87	72	-	-	-	-	715	236	2.07	715	236	2.07	-	-	-

EVAPORATOR BLOWER SPECIFICATIONS (CONT.)

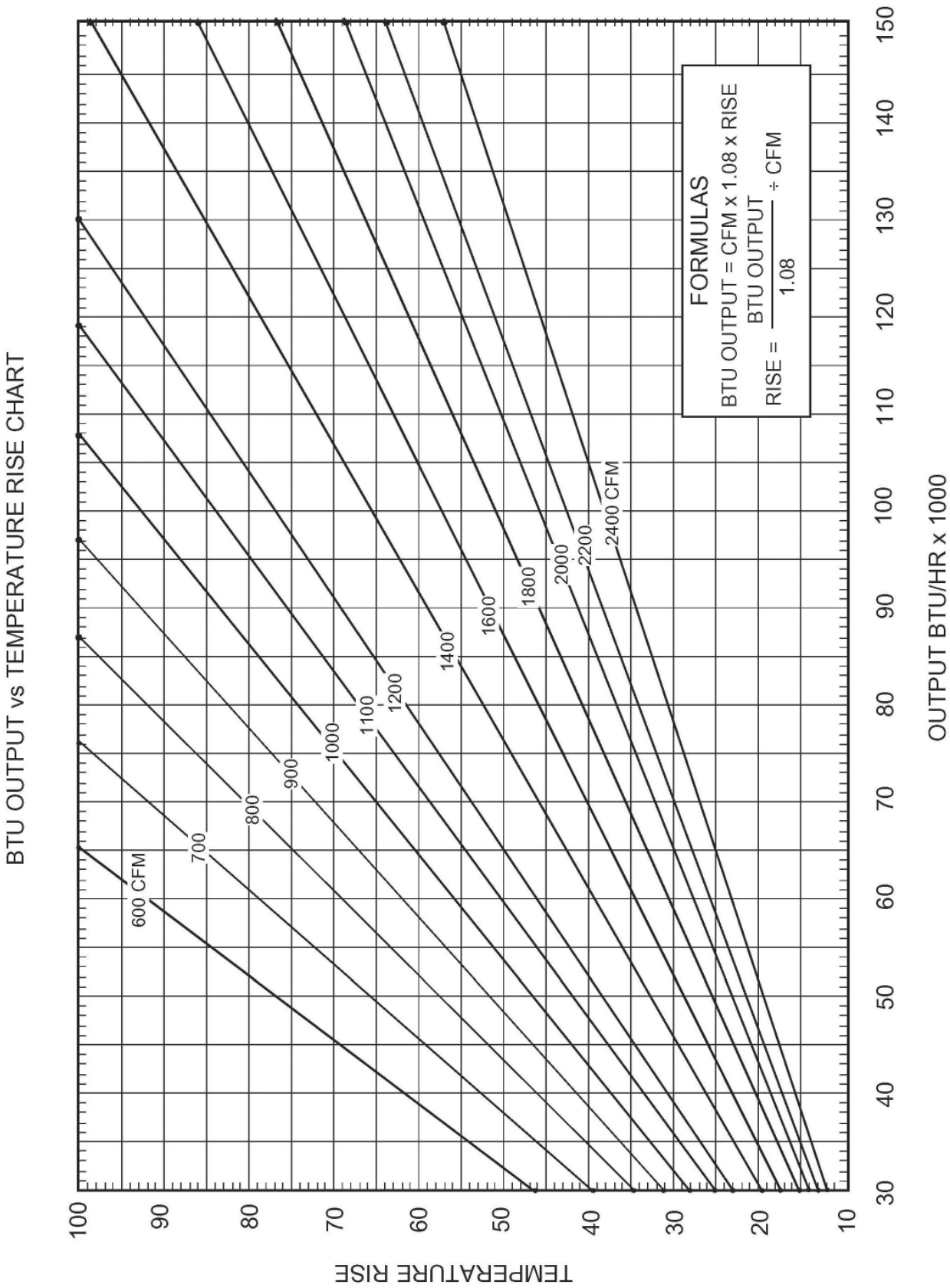
GPG154211541A* - Rise Range: 45° - 75°																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - Cooling Speed			T4 - Cooling Spped			T5 - Cooling Spped		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	1,065	168	1.42	49	1,255	257	2.10	55	1,335	260	1.01	1,468	337	1.28	1,619	431	1.64
0.2	1,003	174	1.48	52	1,217	269	2.19	57	1,274	268	1.04	1,412	349	1.33	1,560	445	1.69
0.3	961	185	1.55	54	1,165	274	2.21	59	1,204	281	1.10	1,346	359	1.37	1,504	456	1.71
0.4	913	195	1.62	57	1,113	285	2.30	62	1,136	287	1.11	1,275	363	1.40	1,441	463	1.76
0.5	855	202	1.69	60	1,073	296	2.36	64	1,069	300	1.15	1,221	370	1.44	1,380	475	1.80
0.6	814	212	1.76	63	1,018	302	2.41	68	1,009	312	1.19	1,170	386	1.47	1,325	489	1.84
0.7	749	218	1.82	69	991	313	2.48	70	946	319	1.22	1,105	397	1.52	1,268	495	1.88
0.8	713	227	1.87	72	-	-	-	-	886	331	1.27	1,042	406	1.54	1,198	502	1.90

GPG154811541A* - Rise Range: 45° - 75°																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - 1st Stage Cooling			T4 - 2nd Stage Cooling			T5 - Cooling Spped		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	1140	178	1.52	56	1417	305	2.46	61	1,140	178	1.52	1,616	436	3.34	1,696	503	4.04
0.2	1090	188	1.57	59	1374	318	2.56	63	1,090	188	1.57	1,573	449	3.46	1,650	517	4.15
0.3	1038	199	1.67	62	1322	327	2.68	65	1,038	199	1.67	1,527	462	3.59	1,608	530	4.25
0.4	980	212	1.76	65	1273	338	2.72	68	980	212	1.76	1,485	474	3.69	1,566	543	4.39
0.5	914	220	1.79	70	1224	352	2.82	70	914	220	1.79	1,443	489	3.80	1,523	556	4.43
0.6	852	231	1.9	75	1176	365	2.88	73	852	231	1.90	1,399	502	3.86	1,480	569	4.55
0.7	806	242	1.97	X	1121	379	2.93	X	806	242	1.97	1,356	513	3.99	1,441	580	4.65
0.8	741	248	2.01	X	1068	391	2.98	X	741	248	2.01	1,307	525	4.05	-	-	-

GPG154911541A* - Rise Range: 45° - 75°																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - 1st Stage Cooling			T4 - 2nd Stage Cooling			T5 - Cooling Spped		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	1140	178	1.52	56	1417	305	2.46	61	1,468	337	1.28	1,468	337	1.28	1,696	503	4.04
0.2	1090	188	1.57	59	1374	318	2.56	63	1,412	349	1.33	1,412	349	1.33	1,650	517	4.15
0.3	1038	199	1.67	62	1322	327	2.68	65	1,346	359	1.37	1,346	359	1.37	1,608	530	4.25
0.4	980	212	1.76	65	1273	338	2.72	68	1,275	363	1.40	1,275	363	1.40	1,566	543	4.39
0.5	914	220	1.79	70	1224	352	2.82	70	1,221	370	1.44	1,221	370	1.44	1,523	556	4.43
0.6	852	231	1.9	75	1176	365	2.88	73	1,170	386	1.47	1,170	386	1.47	1,480	569	4.55
0.7	806	242	1.97	X	1121	379	2.93	X	1,105	397	1.52	1,105	397	1.52	1,441	580	4.65
0.8	741	248	2.01	X	1068	391	2.98	X	1,042	406	1.54	1,042	406	1.54	-	-	-

GPG156014041A* - Rise Range: 45° - 75° High; 30° - 60° Low																	
Unit Static	T1 - 1st Stage Heating				T2 - 2nd Stage Heating				T3 - 1st Stage Cooling			T4 - 2nd Stage Cooling			T5 - Cooling Spped		
	CFM	Watts	Amps	Rise	CFM	Watts	Amps	Rise	CFM	Watts	Amps	CFM	Watts	Amps	CFM	Watts	Amps
0.1	1773	488	3.64	43	1773	488	3.64	58	1,379	246	1.95	1,919	700	4.81	2,115	783	5.54
0.2	1713	501	3.73	45	1713	501	3.73	61	1,322	258	2.03	1,862	714	4.94	2,078	787	5.57
0.3	1693	509	3.78	45	1693	509	3.78	61	1,268	266	2.10	1,810	720	5.01	2,009	802	5.67
0.4	1653	518	3.84	46	1653	518	3.84	63	1,187	280	2.19	1,755	734	5.07	1,953	813	5.87
0.5	1597	529	3.91	48	1597	529	3.91	65	1,133	287	2.23	1,705	743	5.09	1,933	805	5.77
0.6	1534	541	3.99	50	1534	541	3.99	68	1,068	294	2.29	1,647	748	5.16	-	-	-
0.7	1485	552	4.09	52	1485	552	4.09	70	1,026	307	2.38	-	-	-	-	-	-
0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EVAPORATOR BLOWER SPECIFICATIONS (CONT.)



EXPANDED COOLING DATA — GPG1524***41**

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	951	MBh	22.7	23.6	25.8	-	22.2	23.0	25.2	-	21.7	22.5	24.6	-	21.1	21.9	24.0	-	20.1	20.8	22.8	-	18.6	19.3	21.1	-	
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-	
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	
	845	KW	1.51	1.54	1.59	-	1.62	1.66	1.71	-	1.72	1.76	1.82	-	1.82	1.86	1.92	-	1.89	1.93	2.00	-	1.96	2.00	2.07	-	
		Amps	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.5	8.7	8.9	-	9.0	9.2	9.4	-	9.4	9.6	9.9	-	
		HiPR	227	244	257	-	254	274	289	-	289	311	328	-	329	354	374	-	370	399	421	-	409	440	465	-	
	739	LoPR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	140	153	-	137	145	159	-	
		MBh	22.1	22.9	25.1	-	21.6	22.3	24.5	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	19.5	20.2	22.2	-	18.1	18.7	20.5	-	
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	
	75	951	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
			KW	1.49	1.53	1.57	-	1.61	1.64	1.70	-	1.71	1.75	1.80	-	1.80	1.84	1.90	-	1.88	1.92	1.98	-	1.94	1.99	2.05	-
			Amps	7.0	7.1	7.3	-	7.4	7.6	7.8	-	8.0	8.1	8.4	-	8.4	8.6	8.9	-	8.9	9.1	9.3	-	9.4	9.6	9.8	-
845		HiPR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	395	417	-	405	436	460	-	
		LoPR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	
		MBh	20.4	21.1	23.1	-	19.9	20.6	22.6	-	19.4	20.1	22.1	-	19.0	19.6	21.5	-	18.0	18.7	20.4	-	16.7	17.3	18.9	-	
739		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.47	-	0.83	0.69	0.48	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
		KW	1.46	1.49	1.54	-	1.57	1.60	1.66	-	1.67	1.70	1.76	-	1.76	1.79	1.85	-	1.83	1.87	1.93	-	1.89	1.94	2.00	-	
75		951	Amps	6.8	7.0	7.1	-	7.3	7.4	7.6	-	7.8	8.0	8.2	-	8.2	8.4	8.6	-	8.7	8.9	9.1	-	9.1	9.3	9.6	-
			HiPR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	356	383	404	-	393	423	447	-
			LoPR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	140	-	127	135	147	-	131	139	152	-
	845	MBh	23.1	23.8	25.8	27.7	22.6	23.3	25.2	27.0	22.0	22.7	24.6	26.4	21.5	22.1	24.0	25.7	20.4	21.0	22.8	24.4	18.9	19.5	21.1	22.6	
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45	
		ΔT	20	18	15	10	20	19	15	10	20	19	15	11	20	19	15	11	20	18	15	10	18	17	14	10	
	739	KW	1.52	1.55	1.60	1.65	1.64	1.67	1.72	1.78	1.74	1.78	1.84	1.90	1.83	1.87	1.93	2.00	1.91	1.95	2.02	2.08	1.98	2.02	2.09	2.16	
		Amps	7.1	7.2	7.4	7.6	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.7	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	
		HiPR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	443	413	445	470	490	
	75	845	LoPR	110	117	128	136	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
			MBh	22.4	23.1	25.0	26.8	21.9	22.6	24.4	26.2	21.4	22.0	23.9	25.6	20.9	21.5	23.3	25.0	19.8	20.4	22.1	23.7	18.4	18.9	20.5	22.0
			S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
739		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	1.51	1.54	1.59	1.64	1.62	1.66	1.71	1.77	1.72	1.76	1.82	1.88	1.82	1.86	1.92	1.98	1.89	1.93	2.00	2.07	1.96	2.00	2.07	2.14	
		Amps	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2	
739		HiPR	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	390	370	399	421	439	409	441	465	485	
		LoPR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	140	153	163	137	145	159	169	
		MBh	20.7	21.3	23.1	24.8	20.2	20.8	22.6	24.2	19.8	20.3	22.0	23.6	19.3	19.8	21.5	23.1	18.3	18.9	20.4	21.9	17.0	17.5	18.9	20.3	
739		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	0.41	0.94	0.84	0.64	0.41	
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	19	16	11	20	18	15	10	
		KW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.72	1.68	1.72	1.77	1.83	1.77	1.81	1.87	1.93	1.84	1.89	1.95	2.01	1.91	1.95	2.02	2.09	
739	Amps	6.9	7.0	7.2	7.4	7.3	7.5	7.7	7.9	7.9	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.8	8.9	9.2	9.5	9.2	9.4	9.7	10.0		
	HiPR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471		
	LoPR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164		

IDB: Entering Indoor Dry Bulb Temperature
High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions

Design Subcooling, 10°F ± 3 @ liquid access fitting connection AHR1 95 test conditions; Superheat 10°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1524***41** (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	951	MBh	23.5	24.0	25.7	27.5	23.0	23.5	25.1	26.8	22.4	22.9	24.5	26.2	21.9	22.4	23.9	25.5	20.8	21.2	22.7	24.3	19.3	19.7	21.0	22.5
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		ΔT	23	21	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14
		KW	1.53	1.56	1.61	1.66	1.65	1.68	1.74	1.80	1.75	1.79	1.85	1.91	1.85	1.89	1.95	2.01	1.92	1.97	2.03	2.10	1.99	2.04	2.11	2.18
		Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4
	845	Hi-PR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495
		Lo-PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172
		MBh	22.8	23.3	24.9	26.7	22.3	22.8	24.4	26.0	21.8	22.3	23.8	25.4	21.3	21.7	23.2	24.8	20.2	20.6	22.0	23.6	18.7	19.1	20.4	21.8
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	23	22	19	15	23	22	20	16	23	22	20	16	23	23	20	16	22	22	19	16	20	21	18	14
739	KW	1.52	1.55	1.60	1.65	1.64	1.67	1.73	1.78	1.74	1.78	1.84	1.90	1.83	1.87	1.93	2.00	1.91	1.95	2.02	2.08	1.98	2.02	2.09	2.16	
	Amps	7.1	7.2	7.4	7.7	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	
	Hi-PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	413	445	470	490	
	Lo-PR	110	117	128	136	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171	
	MBh	21.1	21.5	23.0	24.6	20.6	21.0	22.5	24.0	20.1	20.5	21.9	23.5	19.6	20.0	21.4	22.9	18.6	19.0	20.3	21.7	17.3	17.6	18.8	20.1	
85	951	S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		KW	1.48	1.51	1.56	1.61	1.60	1.63	1.68	1.74	1.70	1.73	1.79	1.85	1.78	1.82	1.88	1.95	1.86	1.90	1.96	2.03	1.93	1.97	2.03	2.10
		Amps	6.9	7.1	7.3	7.5	7.4	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.4	8.5	8.8	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.7	10.1
		Hi-PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475
	845	Lo-PR	107	114	124	132	113	120	131	140	118	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165
		MBh	23.9	24.4	25.6	27.3	23.4	23.8	25.0	26.6	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.2	21.6	22.6	24.1	19.6	20.0	20.9	22.3
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		ΔT	23	23	22	19	23	23	22	19	22	23	22	19	22	22	22	19	20	21	22	19	19	19	20	18
		KW	1.54	1.58	1.63	1.68	1.66	1.70	1.75	1.81	1.77	1.81	1.87	1.93	1.86	1.90	1.97	2.03	1.94	1.98	2.05	2.12	2.01	2.05	2.12	2.20
739	Amps	7.2	7.3	7.5	7.8	7.7	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.1	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	
	Hi-PR	233	251	265	277	262	282	298	310	298	321	339	353	339	365	386	402	382	411	434	452	422	454	479	500	
	Lo-PR	113	120	131	139	119	126	138	147	124	131	144	153	130	138	151	161	136	145	158	168	141	150	163	174	
	MBh	23.2	23.7	24.8	26.5	22.7	23.1	24.2	25.9	22.2	22.6	23.7	25.2	21.6	22.0	23.1	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.7	
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	
85	845	ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	24	23	20	22	23	23	20	21	21	22	19
		KW	1.53	1.56	1.61	1.66	1.65	1.68	1.74	1.80	1.75	1.79	1.85	1.91	1.85	1.89	1.95	2.01	1.92	1.97	2.03	2.10	1.99	2.04	2.11	2.18
		Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4
		Hi-PR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495
		Lo-PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172
	739	MBh	21.5	21.9	22.9	24.4	21.0	21.4	22.4	23.9	20.5	20.9	21.8	23.3	20.0	20.3	21.3	22.7	19.0	19.3	20.2	21.6	17.6	17.9	18.7	20.0
		S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	22	22	19
		KW	1.49	1.53	1.57	1.62	1.61	1.64	1.70	1.75	1.71	1.75	1.80	1.86	1.80	1.84	1.90	1.96	1.88	1.92	1.98	2.05	1.94	1.99	2.05	2.12
		Amps	7.0	7.1	7.3	7.5	7.4	7.6	7.8	8.0	8.0	8.1	8.4	8.6	8.4	8.6	8.9	9.1	8.9	9.1	9.3	9.7	9.3	9.5	9.8	10.2
Hi-PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480		
Lo-PR	108	115	126	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects AHRI (TVA) conditions
 Design: Subcooling, 10°F ± 3 @ liquid access fitting connection AHRI 95 test conditions; Superheat 10°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG153009041

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1125	MBh	28.9	30.0	32.8	-	28.2	29.3	32.1	-	27.6	28.6	31.3	-	26.9	27.9	30.5	-	25.5	26.5	29.0	-	23.7	24.5	26.9	-	
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
	1000	KW	1.85	1.89	1.94	-	1.99	2.03	2.09	-	2.11	2.16	2.23	-	2.22	2.27	2.34	-	2.31	2.37	2.44	-	2.39	2.45	2.53	-	
		Amps	9.0	9.1	9.4	-	9.5	9.7	10.0	-	10.2	10.4	10.7	-	10.7	11.0	11.2	-	11.3	11.5	11.8	-	11.8	12.1	12.4	-	
		Hi/PR	226	243	256	-	253	273	288	-	288	310	327	-	328	353	373	-	369	397	419	-	408	439	463	-	
	875	Lo/PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-	
		MBh	28.1	29.1	31.9	-	27.4	28.4	31.1	-	26.8	27.7	30.4	-	26.1	27.1	29.6	-	24.8	25.7	28.2	-	23.0	23.8	26.1	-	
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	
	75	1125	ΔT	19	16	12	-	19	16	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
			KW	1.83	1.87	1.93	-	1.97	2.01	2.08	-	2.09	2.14	2.21	-	2.20	2.25	2.32	-	2.30	2.35	2.42	-	2.37	2.43	2.51	-
			Amps	8.9	9.1	9.3	-	9.5	9.6	9.9	-	10.1	10.3	10.6	-	10.7	10.9	11.2	-	11.2	11.4	11.8	-	11.8	12.0	12.3	-
1000		Hi/PR	223	240	254	-	251	270	285	-	285	307	324	-	325	350	369	-	365	393	415	-	404	434	459	-	
		Lo/PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	130	139	152	-	
		MBh	25.9	26.8	29.4	-	25.3	26.2	28.7	-	24.7	25.6	28.0	-	24.1	25.0	27.4	-	22.9	23.7	26.0	-	21.2	22.0	24.1	-	
875		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	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
		KW	1.79	1.83	1.88	-	1.92	1.97	2.03	-	2.04	2.09	2.15	-	2.15	2.20	2.27	-	2.24	2.29	2.36	-	2.32	2.37	2.44	-	
75		1125	Amps	8.7	8.9	9.1	-	9.3	9.4	9.7	-	9.9	10.1	10.3	-	10.4	10.6	10.9	-	11.0	11.2	11.5	-	11.5	11.7	12.0	-
			Hi/PR	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	354	381	403	-	392	421	445	-
			Lo/PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	127	135	147	-
	1000	MBh	29.4	30.3	32.8	35.2	28.7	29.6	32.0	34.3	28.0	28.9	31.2	33.5	27.3	28.2	30.5	32.7	26.0	26.7	29.0	31.1	24.1	24.8	26.8	28.8	
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.92	0.83	0.63	0.40	0.95	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.43	
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
	875	KW	1.86	1.90	1.96	2.02	2.00	2.05	2.11	2.18	2.13	2.18	2.25	2.32	2.24	2.29	2.36	2.44	2.33	2.39	2.46	2.55	2.41	2.47	2.55	2.64	
		Amps	9.0	9.2	9.4	9.7	9.6	9.8	10.0	10.3	10.3	10.5	10.7	11.1	10.8	11.0	11.3	11.7	11.4	11.6	11.9	12.3	11.9	12.2	12.5	12.9	
		Hi/PR	228	245	259	270	256	275	291	303	291	313	331	345	331	357	377	393	373	401	424	442	412	443	468	488	
	75	Lo/PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	
		MBh	28.5	29.4	31.8	34.1	27.9	28.7	31.1	33.3	27.2	28.0	30.3	32.6	26.6	27.3	29.6	31.8	25.2	26.0	28.1	30.2	23.4	24.1	26.0	27.9	
		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	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	
75	1000	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	17	11	20	19	15	11	
		KW	1.85	1.89	1.95	2.01	1.99	2.03	2.10	2.16	2.11	2.16	2.23	2.30	2.22	2.27	2.34	2.42	2.31	2.37	2.44	2.53	2.39	2.45	2.53	2.61	
		Amps	9.0	9.1	9.4	9.6	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.0	10.7	11.0	11.2	11.6	11.3	11.5	11.8	12.2	11.8	12.1	12.4	12.8	
	875	Hi/PR	226	243	257	268	253	273	288	300	288	310	327	341	328	353	373	389	369	397	419	438	408	439	463	483	
		Lo/PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163	
		MBh	26.3	27.1	29.4	31.5	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.3	24.0	25.9	27.8	21.6	22.2	24.0	25.8	
	75	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	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	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	1.80	1.84	1.90	1.96	1.94	1.98	2.04	2.11	2.06	2.11	2.17	2.24	2.17	2.21	2.29	2.36	2.26	2.31	2.38	2.46	2.34	2.39	2.47	2.55	
	75	Amps	8.8	9.0	9.2	9.4	9.3	9.5	9.8	10.0	10.0	10.2	10.4	10.7	10.5	10.7	11.0	11.3	11.0	11.3	11.6	11.9	11.6	11.8	12.1	12.5	
		Hi/PR	219	236	249	260	246	264	279	291	279	301	318	331	318	343	362	377	358	385	407	424	396	426	450	469	
		Lo/PR	102	109	119	126	108	115	125	134	112	119	130	139	118	125	137	146	124	132	144	153	128	136	148	158	

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 7°F @ liquid access fitting connection AHRI 95 test conditions; Superheat 5°F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG153009041 (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1125	MBh	29.9	30.6	32.7	34.9	29.2	29.9	31.9	34.1	28.5	29.2	31.1	33.3	27.8	28.4	30.4	32.5	26.4	27.0	28.9	30.9	24.5	25.0	26.7	28.6
		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	0.84	0.62
		ΔT	23	22	19	16	24	23	20	16	23	23	20	16	23	23	20	16	22	22	20	16	20	20	18	15
		kW	1.88	1.92	1.98	2.04	2.02	2.06	2.13	2.20	2.15	2.19	2.26	2.34	2.26	2.31	2.38	2.46	2.35	2.41	2.48	2.57	2.44	2.49	2.57	2.66
		Amps	9.1	9.3	9.5	9.8	9.7	9.9	10.1	10.4	10.3	10.5	10.8	11.1	10.9	11.1	11.4	11.8	11.5	11.7	12.0	12.4	12.0	12.3	12.6	13.0
		Hi/PR	230	248	262	273	258	278	294	306	294	316	334	348	335	360	380	397	377	405	428	446	416	448	473	493
	Lo/PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	
	MBh	29.0	29.7	31.7	33.9	28.4	29.0	31.0	33.1	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.5	25.7	26.2	28.0	30.0	23.8	24.3	26.0	27.8	
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60	
	ΔT	24	23	20	16	25	24	20	16	25	24	21	16	25	24	21	16	24	23	20	16	22	22	19	15	
	kW	1.86	1.90	1.96	2.02	2.00	2.05	2.11	2.18	2.13	2.18	2.25	2.32	2.24	2.29	2.36	2.44	2.33	2.39	2.46	2.55	2.42	2.47	2.55	2.64	
	Amps	9.0	9.2	9.4	9.7	9.6	9.8	10.0	10.3	10.3	10.5	10.7	11.1	10.8	11.0	11.3	11.7	11.4	11.6	11.9	12.3	11.9	12.2	12.5	12.9	
Hi/PR	228	245	259	270	256	275	291	303	291	313	331	345	331	357	377	393	373	401	424	442	412	443	468	488		
Lo/PR	106	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165		
MBh	26.8	27.4	29.3	31.3	26.2	26.8	28.6	30.6	25.6	26.1	27.9	29.8	24.9	25.5	27.2	29.1	23.7	24.2	25.9	27.7	21.9	22.4	24.0	25.6		
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	0.94	0.76	0.57	1.01	0.94	0.77	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	1.82	1.86	1.91	1.97	1.96	2.00	2.06	2.13	2.08	2.12	2.19	2.26	2.18	2.23	2.31	2.38	2.28	2.33	2.40	2.48	2.35	2.41	2.49	2.57		
Amps	8.9	9.0	9.2	9.5	9.4	9.6	9.8	10.1	10.0	10.2	10.5	10.8	10.6	10.8	11.1	11.4	11.1	11.3	11.7	12.0	11.7	11.9	12.2	12.6		
Hi/PR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474		
Lo/PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160		
85	1125	MBh	30.4	31.0	32.5	34.7	29.7	30.3	31.7	33.9	29.0	29.6	31.0	33.1	28.3	28.9	30.2	32.3	26.9	27.4	28.7	30.6	24.9	25.4	26.6	28.4
		S/T	1.00	0.96	0.87	0.71	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	25	24	23	20	24	25	23	20	24	24	23	20	23	24	24	20	22	22	23	20	20	21	22	19
		kW	1.89	1.93	1.99	2.06	2.04	2.08	2.15	2.22	2.16	2.21	2.28	2.36	2.28	2.33	2.40	2.48	2.37	2.43	2.51	2.59	2.46	2.51	2.59	2.68
		Amps	9.2	9.3	9.6	9.9	9.7	9.9	10.2	10.5	10.4	10.6	10.9	11.2	11.0	11.2	11.5	11.9	11.6	11.8	12.1	12.5	12.1	12.4	12.7	13.1
		Hi/PR	233	250	264	276	261	281	297	309	297	319	337	352	338	364	384	401	380	409	432	451	420	452	478	498
	Lo/PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	144	158	168	
	MBh	29.6	30.1	31.6	33.7	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.1	26.6	27.9	29.7	24.2	24.7	25.8	27.6	
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	25	21	24	24	24	21	22	23	23	20	
	kW	1.88	1.92	1.98	2.04	2.02	2.06	2.13	2.20	2.15	2.19	2.26	2.34	2.26	2.31	2.38	2.46	2.35	2.41	2.48	2.57	2.44	2.49	2.57	2.66	
	Amps	9.1	9.3	9.5	9.8	9.7	9.9	10.1	10.4	10.3	10.5	10.8	11.1	10.9	11.1	11.4	11.8	11.5	11.7	12.0	12.4	12.0	12.3	12.6	13.0	
Hi/PR	230	248	262	273	258	278	294	306	294	316	334	348	335	360	380	397	377	405	428	446	416	448	473	493		
Lo/PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166		
MBh	27.3	27.8	29.1	31.1	26.6	27.2	28.4	30.3	26.0	26.5	27.8	29.6	25.4	25.9	27.1	28.9	24.1	24.6	25.7	27.5	22.3	22.8	23.8	25.4		
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	0.75		
ΔT	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	25	26	25	21	23	24	23	20		
kW	1.83	1.87	1.93	1.99	1.97	2.01	2.08	2.14	2.09	2.14	2.21	2.28	2.20	2.25	2.32	2.40	2.29	2.35	2.42	2.50	2.37	2.43	2.51	2.59		
Amps	8.9	9.1	9.3	9.6	9.5	9.6	9.9	10.2	10.1	10.3	10.6	10.9	10.7	10.9	11.2	11.5	11.2	11.4	11.7	12.1	11.8	12.0	12.3	12.7		
Hi/PR	223	240	254	265	251	270	285	297	285	307	324	338	325	349	369	385	365	393	415	433	404	434	459	478		
Lo/PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects AHRI conditions
 Design Subcooling, 7 °F @ liquid access fitting connection AHRI 95 test conditions; Superheat 5 °F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1536***41** — SINGLE STAGE

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	23.9	24.8	27.2	-	23.4	24.2	26.5	-	22.8	23.6	25.9	-	22.2	23.1	25.3	-	21.1	21.9	24.0	-	19.6	20.3	22.2	-
		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	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-
		kW	1.59	1.63	1.68	-	1.71	1.75	1.80	-	1.82	1.86	1.92	-	1.91	1.95	2.02	-	1.99	2.03	2.10	-	2.06	2.10	2.17	-
		Amps	7.2	7.3	7.5	-	7.7	7.8	8.1	-	8.2	8.4	8.7	-	8.7	8.9	9.2	-	9.2	9.4	9.7	-	9.7	9.9	10.2	-
		Hi PR	225	242	256	-	253	272	287	-	287	309	326	-	327	352	372	-	368	396	418	-	407	438	462	-
	800	Lo PR	111	118	128	-	117	124	136	-	121	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-
		MBh	23.2	24.1	26.4	-	22.7	23.5	25.7	-	22.1	22.9	25.1	-	21.6	22.4	24.5	-	20.5	21.3	23.3	-	19.0	19.7	21.6	-
		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	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	1.58	1.62	1.66	-	1.70	1.74	1.79	-	1.80	1.84	1.90	-	1.90	1.94	2.00	-	1.97	2.02	2.08	-	2.04	2.09	2.15	-
		Amps	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.2	8.3	8.6	-	8.7	8.8	9.1	-	9.1	9.3	9.6	-	9.6	9.8	10.1	-
700	Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	364	392	414	-	403	433	458	-	
	Lo PR	109	116	127	-	116	123	134	-	120	128	140	-	126	134	147	-	132	141	154	-	137	146	159	-	
	MBh	21.4	22.2	24.3	-	20.9	21.7	23.8	-	20.4	21.2	23.2	-	19.9	20.7	22.6	-	18.9	19.6	21.5	-	17.5	18.2	19.9	-	
	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
	kW	1.55	1.58	1.63	-	1.66	1.70	1.75	-	1.76	1.80	1.86	-	1.85	1.89	1.95	-	1.93	1.97	2.03	-	1.99	2.04	2.10	-	
75	900	Amps	7.0	7.1	7.3	-	7.4	7.6	7.8	-	8.0	8.1	8.4	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.6	9.9	-
		Hi PR	216	233	246	-	243	261	276	-	276	297	314	-	314	338	357	-	353	380	402	-	391	420	444	-
		Lo PR	106	113	123	-	112	119	130	-	117	124	135	-	122	130	142	-	128	137	149	-	133	141	154	-
		MBh	24.3	25.0	27.1	29.1	23.7	24.5	26.5	28.4	23.2	23.9	25.8	27.7	22.6	23.3	25.2	27.1	21.5	22.1	23.9	25.7	19.9	20.5	22.2	23.8
		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	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	800	kW	1.61	1.64	1.69	1.74	1.73	1.76	1.82	1.88	1.83	1.87	1.93	2.00	1.93	1.97	2.03	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26
		Amps	7.2	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.8	9.0	9.2	9.5	9.3	9.5	9.8	10.1	9.8	10.0	10.3	10.6
		Hi PR	227	245	258	270	255	275	290	302	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487
		Lo PR	112	119	130	138	118	126	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	149	162	173
		MBh	23.6	24.3	26.3	28.2	23.1	23.7	25.7	27.6	22.5	23.2	25.1	26.9	22.0	22.6	24.5	26.3	20.9	21.5	23.2	25.0	19.3	19.9	21.5	23.1
		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
700	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	
	kW	1.60	1.63	1.68	1.73	1.71	1.75	1.80	1.86	1.82	1.86	1.92	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.17	2.06	2.10	2.17	2.25	
	Amps	7.2	7.3	7.5	7.8	7.7	7.8	8.1	8.3	8.2	8.4	8.7	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	
	Hi PR	225	242	256	267	253	272	287	299	287	309	326	341	327	352	372	388	368	396	418	436	407	438	462	482	
	Lo PR	111	118	128	137	117	124	136	145	121	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171	
	MBh	21.8	22.4	24.3	26.1	21.3	21.9	23.7	25.5	20.8	21.4	23.2	24.8	20.3	20.9	22.6	24.2	19.3	19.8	21.5	23.0	17.8	18.4	19.9	21.3	
700	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	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	
	kW	1.56	1.59	1.64	1.69	1.67	1.71	1.76	1.82	1.78	1.81	1.87	1.93	1.87	1.91	1.97	2.03	1.94	1.98	2.05	2.12	2.01	2.05	2.12	2.19	
	Amps	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	9.0	9.2	9.4	9.8	9.5	9.7	9.9	10.3	
	Hi PR	218	235	248	259	245	264	278	290	279	300	317	330	317	342	361	376	357	384	406	423	395	425	448	468	
	Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166	

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHR1 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1536***41** — SINGLE STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	24.7	25.3	27.0	28.9	24.2	24.7	26.4	28.2	23.6	24.1	25.8	27.5	23.0	23.5	25.1	26.9	21.9	22.3	23.9	25.5	20.3	20.7	22.1	23.6	
		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	24	23	20	16	25	24	20	16	24	24	20	16	24	24	20	16	22	22	20	16	21	21	19	15	
	800	kW	1.62	1.65	1.70	1.76	1.74	1.78	1.83	1.89	1.85	1.89	1.95	2.01	1.94	1.99	2.05	2.12	2.02	2.07	2.14	2.21	2.09	2.14	2.21	2.28	
		Amps	7.3	7.4	7.7	7.9	7.8	8.0	8.2	8.4	8.4	8.5	8.8	9.1	8.9	9.1	9.3	9.6	9.4	9.6	9.8	10.2	9.9	10.1	10.4	10.7	
		HiPR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	376	404	427	445	415	447	472	492	
	700	LoPR	113	120	131	140	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174	
		MBh	24.0	24.6	26.2	28.0	23.5	24.0	25.6	27.4	22.9	23.4	25.0	26.7	22.4	22.8	24.4	26.1	21.2	21.7	23.2	24.8	19.7	20.1	21.5	23.0	
		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	
	85	900	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	24	24	21	17	23	23	20	16
			kW	1.61	1.64	1.69	1.74	1.73	1.76	1.82	1.88	1.83	1.87	1.93	2.00	1.93	1.97	2.03	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26
			Amps	7.2	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.8	9.0	9.2	9.5	9.3	9.5	9.8	10.1	9.8	10.0	10.3	10.6
800		HiPR	227	245	258	270	255	275	290	302	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
		LoPR	112	119	130	138	118	126	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	149	162	173	
		MBh	22.2	22.7	24.2	25.9	21.7	22.1	23.6	25.3	21.1	21.6	23.1	24.7	20.6	21.1	22.5	24.1	19.6	20.0	21.4	22.9	18.2	18.6	19.8	21.2	
700		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	25	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16	
		kW	1.57	1.60	1.65	1.70	1.69	1.72	1.78	1.83	1.79	1.83	1.89	1.95	1.88	1.92	1.98	2.05	1.96	2.00	2.07	2.13	2.03	2.07	2.14	2.21	
85		Amps	7.1	7.2	7.4	7.7	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.1	9.3	9.5	9.8	9.5	9.7	10.0	10.4	
		HiPR	221	237	251	261	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472	
		LoPR	108	115	126	134	114	122	133	142	119	127	138	147	125	133	145	155	131	139	152	162	135	144	157	168	
85	900	MBh	25.2	25.7	26.9	28.7	24.6	25.1	26.3	28.0	24.0	24.5	25.6	27.3	23.4	23.9	25.0	26.7	22.3	22.7	23.8	25.3	20.6	21.0	22.0	23.5	
		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	26	25	24	21	25	26	24	21	25	25	24	21	24	24	24	21	23	23	24	21	21	21	22	19	
	800	kW	1.63	1.67	1.72	1.77	1.76	1.79	1.85	1.91	1.86	1.90	1.96	2.03	1.96	2.00	2.07	2.13	2.04	2.09	2.15	2.22	2.11	2.16	2.23	2.30	
		Amps	7.4	7.5	7.7	8.0	7.9	8.0	8.2	8.5	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.3	9.9	10.1	10.5	10.8	
		HiPR	232	250	264	275	260	280	296	309	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497	
	700	LoPR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	163	138	147	160	170	142	152	165	176	
		MBh	24.4	24.9	26.1	27.8	23.9	24.3	25.5	27.2	23.3	23.8	24.9	26.5	22.7	23.2	24.3	25.9	21.6	22.0	23.1	24.6	20.0	20.4	21.4	22.8	
		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	
	85	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	26	27	25	22	25	25	25	22	23	23	23	20	
		kW	1.62	1.65	1.70	1.76	1.74	1.78	1.83	1.89	1.85	1.89	1.95	2.01	1.94	1.99	2.05	2.12	2.02	2.07	2.14	2.21	2.09	2.14	2.21	2.28	
		Amps	7.3	7.4	7.7	7.9	7.8	8.0	8.2	8.4	8.4	8.5	8.8	9.1	8.9	9.1	9.3	9.6	9.4	9.6	9.8	10.2	9.9	10.1	10.4	10.7	
700	HiPR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	376	404	427	445	415	447	472	492		
	LoPR	113	120	131	140	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174		
	MBh	22.6	23.0	24.1	25.7	22.0	22.5	23.5	25.1	21.5	21.9	23.0	24.5	21.0	21.4	22.4	23.9	19.9	20.3	21.3	22.7	18.5	18.8	19.7	21.0		
85	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	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	26	27	25	22	24	25	24	21		
	kW	1.58	1.61	1.66	1.72	1.70	1.74	1.79	1.85	1.80	1.84	1.90	1.96	1.90	1.94	2.00	2.06	1.97	2.02	2.08	2.15	2.04	2.09	2.15	2.23		
700	Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.9	8.7	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.5		
	HiPR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	403	433	457	477		
	LoPR	109	116	127	135	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHRI 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1536***41** — TWO STAGE

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1378	MBh	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.4	36.6	-	30.7	31.8	34.8	-	28.4	29.4	32.2	-	
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
	1225	kW	2.52	2.58	2.65	-	2.71	2.77	2.86	-	2.88	2.94	3.03	-	3.03	3.09	3.19	-	3.15	3.22	3.33	-	3.26	3.33	3.44	-	
		Amps	12.7	12.9	13.2	-	13.4	13.7	14.0	-	14.3	14.6	15.0	-	15.1	15.4	15.8	-	15.8	16.2	16.6	-	16.6	16.9	17.4	-	
		Hi/PR	252	271	286	-	282	304	321	-	321	346	365	-	366	394	416	-	412	443	468	-	455	489	517	-	
	1072	Lo/PR	110	117	128	-	116	124	135	-	121	129	140	-	127	135	147	-	133	142	154	-	138	146	160	-	
		MBh	33.7	34.9	38.2	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.3	32.5	35.6	-	29.8	30.8	33.8	-	27.6	28.6	31.3	-	
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	75	1378	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-
			kW	2.50	2.56	2.63	-	2.69	2.75	2.83	-	2.86	2.92	3.01	-	3.00	3.07	3.17	-	3.13	3.19	3.30	-	3.23	3.30	3.41	-
			Amps	12.6	12.8	13.1	-	13.3	13.6	13.9	-	14.2	14.5	14.9	-	15.0	15.3	15.7	-	15.7	16.0	16.5	-	16.5	16.8	17.3	-
1225		Hi/PR	249	268	283	-	280	301	318	-	318	342	361	-	362	390	412	-	408	439	463	-	450	485	512	-	
		Lo/PR	109	116	127	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-	
		MBh	31.1	32.2	35.3	-	30.4	31.5	34.5	-	29.6	30.7	33.7	-	28.9	30.0	32.8	-	27.5	28.5	31.2	-	25.4	26.4	28.9	-	
1072		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
		kW	2.45	2.50	2.57	-	2.63	2.68	2.77	-	2.79	2.85	2.94	-	2.93	2.99	3.09	-	3.05	3.12	3.22	-	3.15	3.22	3.33	-	
75		1378	Amps	12.3	12.5	12.8	-	13.1	13.3	13.6	-	13.9	14.2	14.5	-	14.6	14.9	15.3	-	15.4	15.7	16.1	-	16.1	16.4	16.9	-
			Hi/PR	242	260	275	-	271	292	308	-	309	332	351	-	351	378	399	-	395	425	449	-	437	470	496	-
			Lo/PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-
	1225	MBh	35.3	36.3	39.3	42.2	34.5	35.5	38.4	41.2	33.6	34.6	37.5	40.2	32.8	33.8	36.6	39.3	31.2	32.1	34.7	37.3	28.9	29.7	32.2	34.5	
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	
		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	
	1072	kW	2.54	2.60	2.68	2.76	2.73	2.79	2.88	2.97	2.90	2.97	3.06	3.16	3.05	3.12	3.22	3.32	3.18	3.25	3.35	3.47	3.29	3.36	3.47	3.59	
		Amps	12.7	13.0	13.3	13.7	13.5	13.8	14.1	14.5	14.4	14.7	15.1	15.5	15.2	15.5	15.9	16.4	16.0	16.3	16.7	17.2	16.7	17.1	17.5	18.1	
		Hi/PR	254	274	289	301	285	307	324	338	325	349	369	385	370	398	420	438	416	447	473	493	459	494	522	545	
	75	Lo/PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172	
		MBh	34.2	35.3	38.2	41.0	33.5	34.4	37.3	40.0	32.7	33.6	36.4	39.1	31.9	32.8	35.5	38.1	30.3	31.2	33.7	36.2	28.0	28.9	31.2	33.5	
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
75	1225	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
		kW	2.52	2.58	2.65	2.74	2.71	2.77	2.86	2.95	2.88	2.94	3.04	3.13	3.03	3.09	3.19	3.30	3.15	3.22	3.33	3.44	3.26	3.33	3.44	3.56	
		Amps	12.7	12.9	13.2	13.6	13.4	13.7	14.0	14.4	14.3	14.6	15.0	15.4	15.1	15.4	15.8	16.3	15.8	16.2	16.6	17.1	16.6	16.9	17.4	17.9	
	1072	Hi/PR	252	271	286	298	283	304	321	335	321	346	365	381	366	394	416	434	412	443	468	488	455	490	517	539	
		Lo/PR	110	117	128	136	116	124	135	144	121	129	140	149	127	135	147	157	133	142	155	165	138	146	160	170	
		MBh	31.6	32.5	35.2	37.8	30.9	31.8	34.4	36.9	30.1	31.0	33.6	36.1	29.4	30.3	32.8	35.2	27.9	28.8	31.1	33.4	25.9	26.6	28.8	31.0	
	75	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
		ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11	
		kW	2.46	2.52	2.59	2.67	2.65	2.70	2.79	2.88	2.81	2.87	2.96	3.06	2.95	3.02	3.11	3.22	3.08	3.14	3.24	3.35	3.18	3.25	3.36	3.47	
	75	Amps	12.4	12.6	12.9	13.3	13.2	13.4	13.7	14.1	14.0	14.3	14.6	15.1	14.8	15.0	15.4	15.9	15.5	15.8	16.2	16.7	16.2	16.6	17.0	17.5	
		Hi/PR	244	263	278	289	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523	
		Lo/PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHR1 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1536***41** — Two Stage (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																													
		65°F				75°F				85°F				95°F				105°F				115°F									
		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	1378	MBh	35.9	36.7	39.2	41.9	35.1	35.8	38.3	40.9	34.2	35.0	37.4	40.0	33.4	34.1	36.5	39.0	31.7	32.4	34.6	37.0	29.4	30.0	32.1	34.3					
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	
		ΔT	23	22	19	15	23	22	19	16	22	23	20	16	22	23	20	16	22	23	20	15	20	20	18	14	20	20	18	14	
	1225	KW	2.56	2.62	2.70	2.78	2.76	2.81	2.90	3.00	2.93	2.99	3.08	3.19	3.08	3.14	3.25	3.35	3.20	3.28	3.38	3.49	3.32	3.39	3.50	3.62					
		Amps	12.8	13.1	13.4	13.8	13.6	13.9	14.2	14.6	14.5	14.8	15.2	15.6	15.3	15.6	16.0	16.5	16.1	16.4	16.8	17.4	16.9	17.2	17.7	18.2					
		Hi-PR	257	276	292	304	288	310	328	342	328	353	373	389	373	402	424	443	420	452	477	498	464	499	527	550					
	1072	Lo-PR	112	119	130	139	119	126	138	147	123	131	143	152	130	138	150	160	136	144	158	168	140	149	163	174					
		MBh	34.9	35.6	38.1	40.7	34.0	34.8	37.2	39.7	33.2	34.0	36.3	38.8	32.4	33.1	35.4	37.8	30.8	31.5	33.6	36.0	28.5	29.2	31.2	33.3					
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	1.00	0.99	0.81	0.60	
	85	1378	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	24	20	16	24	23	20	16	23	23	20	15	21	22	19	15
			KW	2.54	2.60	2.68	2.76	2.73	2.79	2.88	2.97	2.90	2.97	3.06	3.16	3.05	3.12	3.22	3.33	3.18	3.25	3.35	3.47	3.29	3.36	3.47	3.59				
			Amps	12.7	13.0	13.3	13.7	13.5	13.8	14.1	14.5	14.4	14.7	15.1	15.5	15.2	15.5	15.9	16.4	16.0	16.3	16.7	17.2	16.7	17.1	17.5	18.1				
1225		Hi-PR	254	274	289	301	285	307	324	338	325	349	369	385	370	398	420	438	416	448	473	493	460	494	522	545					
		Lo-PR	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172					
		MBh	32.2	32.9	35.1	37.5	31.4	32.1	34.3	36.7	30.7	31.3	33.5	35.8	29.9	30.6	32.7	34.9	28.4	29.1	31.0	33.2	26.3	26.9	28.8	30.7					
1072		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58	1.02	0.95	0.78	0.58	
		ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15	23	22	19	15	
		KW	2.48	2.53	2.61	2.69	2.67	2.73	2.81	2.90	2.83	2.89	2.99	3.08	2.98	3.04	3.14	3.24	3.10	3.17	3.27	3.38	3.21	3.28	3.38	3.50					
85		1378	Amps	12.5	12.7	13.0	13.4	13.2	13.5	13.8	14.2	14.1	14.4	14.7	15.2	14.9	15.1	15.5	16.0	15.6	15.9	16.3	16.8	16.4	16.7	17.1	17.7				
			Hi-PR	247	265	280	292	277	298	315	328	315	339	358	373	359	386	407	425	403	434	458	478	446	480	506	528				
			Lo-PR	108	115	125	133	114	121	132	141	118	126	138	146	124	132	144	154	130	139	151	161	135	143	157	167				
1225	MBh	36.5	37.2	39.0	41.6	35.7	36.4	38.1	40.6	34.8	35.5	37.2	39.7	34.0	34.6	36.3	38.7	32.3	32.9	34.5	36.8	29.9	30.5	31.9	34.1						
	S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.82		
	ΔT	24	24	24	23	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	20	20	21	19						
1072	KW	2.58	2.64	2.72	2.80	2.78	2.84	2.93	3.02	2.95	3.01	3.11	3.21	3.10	3.17	3.27	3.38	3.23	3.30	3.41	3.52	3.34	3.42	3.53	3.65						
	Amps	12.9	13.2	13.5	13.9	13.7	14.0	14.3	14.7	14.6	14.9	15.3	15.8	15.4	15.7	16.1	16.6	16.2	16.5	17.0	17.5	17.0	17.3	17.8	18.4						
	Hi-PR	259	279	295	308	291	313	331	345	331	356	376	392	377	406	429	447	424	457	482	503	469	504	533	556						
85	1225	Lo-PR	113	121	132	140	120	127	139	148	125	132	145	154	131	139	152	162	137	146	159	170	142	151	165	175					
		MBh	35.5	36.2	37.9	40.4	34.6	35.3	37.0	39.5	33.8	34.5	36.1	38.5	33.0	33.6	35.2	37.6	31.3	31.9	33.5	35.7	29.0	29.6	31.0	33.1					
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	
1072	ΔT	26	25	24	21	26	26	24	21	25	26	24	21	25	25	24	21	25	24	24	21	22	22	22	19	22	22	22	19		
	KW	2.56	2.62	2.70	2.78	2.76	2.81	2.90	3.00	2.93	2.99	3.08	3.19	3.08	3.14	3.25	3.35	3.20	3.28	3.38	3.49	3.32	3.39	3.50	3.62						
	Amps	12.8	13.1	13.4	13.8	13.6	13.9	14.2	14.6	14.5	14.8	15.2	15.6	15.3	15.6	16.0	16.5	16.1	16.4	16.8	17.4	16.9	17.2	17.7	18.2						
85	1072	Hi-PR	257	276	292	304	288	310	328	342	328	353	373	389	373	402	424	443	420	452	477	498	464	499	527	550					
		Lo-PR	112	119	130	139	119	126	138	147	123	131	143	152	130	138	150	160	136	144	158	168	140	149	163	174					
		MBh	32.7	33.4	34.9	37.3	32.0	32.6	34.1	36.4	31.2	31.8	33.3	35.6	30.5	31.0	32.5	34.7	28.9	29.5	30.9	33.0	26.8	27.3	28.6	30.5					
85	1072	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75	
		ΔT	26	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	26	26	25	21	25	25	24	21	23	23	20	20	
		KW	2.50	2.55	2.63	2.72	2.69	2.75	2.83	2.92	2.86	2.92	3.01	3.11	3.00	3.07	3.17	3.27	3.13	3.19	3.30	3.41	3.23	3.30	3.41	3.53					
85	1072	Amps	12.6	12.8	13.1	13.5	13.3	13.6	13.9	14.3	14.2	14.5	14.9	15.3	15.0	15.3	15.7	16.1	15.7	16.0	16.5	17.0	16.5	16.8	17.3	17.8					
		Hi-PR	249	268	283	295	280	301	318	331	318	342	361	377	362	390	412	429	407	438	463	483	450	484	512	534					
		Lo-PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168					

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects AHRI (TV) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHRI 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG153709041*

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	34.4	35.7	39.1	-	33.6	34.8	38.2	-	32.8	34.0	37.2	-	32.0	33.2	36.3	-	30.4	31.5	34.5	-	28.2	29.2	32.0	-	
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	
	1125	kW	2.29	2.34	2.41	-	2.47	2.52	2.60	-	2.63	2.68	2.77	-	2.77	2.83	2.92	-	2.88	2.95	3.05	-	2.99	3.06	3.16	-
	Amps	11.0	11.2	11.5	-	11.7	11.9	12.3	-	12.5	12.8	13.2	-	13.3	13.5	13.9	-	14.0	14.3	14.7	-	14.7	15.0	15.5	-	
	Hi PR	235	253	267	-	264	284	300	-	300	323	341	-	342	368	389	-	385	414	437	-	425	458	483	-	
	Lo PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-	
	MBh	34.1	35.3	38.7	-	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.8	36.0	-	30.1	31.2	34.2	-	27.9	28.9	31.7	-	
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
	ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	
	kW	2.28	2.33	2.41	-	2.46	2.51	2.60	-	2.62	2.68	2.77	-	2.76	2.82	2.92	-	2.88	2.94	3.04	-	2.98	3.05	3.15	-	
	Amps	10.9	11.2	11.5	-	11.7	11.9	12.2	-	12.5	12.8	13.1	-	13.2	13.5	13.9	-	14.0	14.3	14.7	-	14.7	15.0	15.4	-	
Hi PR	235	253	267	-	263	283	299	-	299	322	340	-	341	367	388	-	384	413	436	-	424	456	482	-		
Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-		
MBh	31.4	32.6	35.7	-	30.7	31.8	34.9	-	30.0	31.1	34.0	-	29.2	30.3	33.2	-	27.8	28.8	31.5	-	25.7	26.7	29.2	-		
S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-		
ΔT	22	19	15	-	22	19	15	-	22	19	15	-	23	20	15	-	22	19	15	-	21	18	14	-		
kW	2.23	2.27	2.35	-	2.40	2.45	2.53	-	2.55	2.61	2.70	-	2.69	2.75	2.84	-	2.80	2.87	2.96	-	2.90	2.97	3.07	-		
Amps	10.7	10.9	11.2	-	11.4	11.6	11.9	-	12.2	12.5	12.8	-	12.9	13.2	13.6	-	13.6	13.9	14.3	-	14.3	14.6	15.1	-		
Hi PR	228	245	259	-	255	275	290	-	290	313	330	-	331	356	376	-	372	401	423	-	411	443	467	-		
Lo PR	101	107	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-		

75	MBh	35.0	36.0	39.0	41.8	34.2	35.2	38.1	40.9	33.4	34.3	37.2	39.9	32.5	33.5	36.3	38.9	30.9	31.8	34.5	37.0	28.6	29.5	31.9	34.3	
	S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40	
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11	
	1125	kW	2.31	2.36	2.43	2.51	2.49	2.54	2.63	2.71	2.65	2.71	2.80	2.89	2.79	2.85	2.95	3.05	2.91	2.98	3.08	3.18	3.01	3.08	3.19	3.30
	Amps	11.0	11.3	11.6	11.9	11.8	12.0	12.4	12.7	12.6	12.9	13.3	13.7	13.4	13.7	14.0	14.5	14.1	14.4	14.8	15.3	14.8	15.2	15.6	16.1	
	Hi PR	238	256	270	282	267	287	303	316	303	327	345	360	346	372	393	410	389	418	442	461	430	462	488	509	
	Lo PR	106	112	123	131	111	119	129	138	116	123	135	143	122	129	141	151	128	136	148	158	132	140	153	163	
	MBh	34.6	35.7	38.6	41.4	33.8	34.8	37.7	40.5	33.0	34.0	36.8	39.5	32.2	33.2	35.9	38.5	30.6	31.5	34.1	36.6	28.4	29.2	31.6	33.9	
	S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39	
	ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12	
	kW	2.30	2.35	2.43	2.51	2.48	2.54	2.62	2.71	2.64	2.70	2.79	2.88	2.78	2.85	2.94	3.04	2.90	2.97	3.07	3.17	3.01	3.07	3.18	3.29	
	Amps	11.0	11.2	11.5	11.9	11.8	12.0	12.3	12.7	12.6	12.9	13.2	13.7	13.3	13.6	14.0	14.5	14.1	14.4	14.8	15.3	14.8	15.1	15.6	16.1	
Hi PR	237	255	269	281	266	286	302	315	303	326	344	359	345	371	392	408	388	417	440	459	428	461	487	508		
Lo PR	105	112	122	130	111	118	129	137	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163		
MBh	32.0	32.9	35.6	38.2	31.2	32.2	34.8	37.3	30.5	31.4	34.0	36.5	29.7	30.6	33.1	35.6	28.3	29.1	31.5	33.8	26.2	26.9	29.2	31.3		
S/T	0.76	0.68	0.51	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.75	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38		
ΔT	26	24	19	13	26	24	20	13	26	24	20	13	26	24	20	14	26	24	19	13	24	22	18	13		
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	2.87	2.96	2.83	2.89	2.99	3.09	2.93	3.00	3.10	3.20		
Amps	10.8	11.0	11.3	11.6	11.5	11.7	12.0	12.4	12.3	12.6	12.9	13.3	13.0	13.3	13.7	14.1	13.7	14.0	14.4	14.9	14.4	14.8	15.2	15.7		
Hi PR	230	247	261	273	258	278	293	306	293	316	333	348	334	360	380	396	376	405	427	446	415	447	472	492		
Lo PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 10° F @ liquid access fitting connection AHR1 95 test conditions; Superheat 6° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG153709041* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1125	MBh	35.6	36.4	38.9	41.6	34.8	35.5	38.0	40.6	33.9	34.7	37.1	39.6	33.1	33.8	36.2	38.7	31.5	32.2	34.4	36.7	29.1	29.8	31.8	34.0	
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	
		ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16	
	1055	KW	2.32	2.37	2.45	2.53	2.51	2.56	2.65	2.74	2.67	2.73	2.82	2.92	2.81	2.88	2.97	3.08	2.93	3.00	3.10	3.21	3.04	3.11	3.22	3.33	
		Amps	11.1	11.3	11.7	12.0	11.9	12.1	12.4	12.8	12.7	13.0	13.4	13.8	13.5	13.8	14.2	14.6	14.2	14.5	15.0	15.4	15.0	15.3	15.7	16.3	
		Hi/PR	240	258	273	285	269	290	306	319	306	330	348	363	349	376	397	414	393	423	446	465	434	467	493	514	
	875	Lo/PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165	
		MBh	35.3	36.0	38.5	41.1	34.4	35.2	37.6	40.2	33.6	34.3	36.7	39.2	32.8	33.5	35.8	38.3	31.2	31.8	34.0	36.4	28.9	29.5	31.5	33.7	
		S/T	0.87	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	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.57	
	85	1125	ΔT	27	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
			KW	2.32	2.37	2.45	2.53	2.50	2.56	2.64	2.73	2.66	2.72	2.81	2.91	2.81	2.87	2.97	3.07	2.93	2.99	3.10	3.20	3.03	3.10	3.21	3.32
			Amps	11.1	11.3	11.6	12.0	11.8	12.1	12.4	12.8	12.7	13.0	13.3	13.8	13.4	13.7	14.1	14.6	14.2	14.5	14.9	15.4	14.9	15.2	15.7	16.2
1055		Hi/PR	239	258	272	284	269	289	305	318	306	329	347	362	348	375	396	413	392	421	445	464	433	466	492	513	
		Lo/PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164	
		MBh	32.5	33.2	35.5	38.0	31.8	32.5	34.7	37.1	31.0	31.7	33.9	36.2	30.3	30.9	33.0	35.3	28.8	29.4	31.4	33.6	26.6	27.2	29.1	31.1	
875		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	
		ΔT	29	27	24	19	29	28	24	19	29	28	24	19	29	28	24	19	29	28	24	19	27	26	22	18	
		KW	2.26	2.31	2.39	2.46	2.44	2.49	2.57	2.66	2.60	2.65	2.74	2.83	2.73	2.80	2.89	2.99	2.85	2.92	3.02	3.12	2.95	3.02	3.12	3.23	
85		1125	Amps	10.9	11.1	11.4	11.7	11.6	11.8	12.1	12.5	12.4	12.7	13.0	13.4	13.1	13.4	13.8	14.2	13.8	14.1	14.6	15.0	14.6	14.9	15.3	15.8
			Hi/PR	232	250	264	275	261	280	296	309	296	319	337	351	338	363	384	400	380	409	432	450	420	452	477	497
			Lo/PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	133	145	154	129	137	150	159
	1055	MBh	36.2	36.9	38.7	41.3	35.4	36.1	37.8	40.3	34.5	35.2	36.9	39.3	33.7	34.4	36.0	38.4	32.0	32.6	34.2	36.5	29.7	30.2	31.7	33.8	
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75	
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	26	26	26	22	24	25	24	21	
	875	KW	2.34	2.39	2.47	2.55	2.53	2.58	2.67	2.76	2.69	2.75	2.84	2.94	2.84	2.90	3.00	3.10	2.96	3.03	3.13	3.24	3.07	3.14	3.24	3.36	
		Amps	11.2	11.4	11.7	12.1	12.0	12.2	12.5	12.9	12.8	13.1	13.5	13.9	13.6	13.9	14.3	14.7	14.3	14.6	15.1	15.6	15.1	15.4	15.9	16.4	
		Hi/PR	243	261	276	288	272	293	309	323	310	333	352	367	353	379	401	418	397	427	451	470	438	472	498	519	
	85	1055	Lo/PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166
			MBh	35.9	36.6	38.3	40.9	35.0	35.7	37.4	39.9	34.2	34.9	36.5	39.0	33.4	34.0	35.6	38.0	31.7	32.3	33.8	36.1	29.4	29.9	31.3	33.4
			S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
875		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28	27	23	26	26	25	21	
		KW	2.34	2.39	2.47	2.55	2.52	2.58	2.66	2.75	2.69	2.75	2.84	2.93	2.83	2.89	2.99	3.09	2.95	3.02	3.12	3.23	3.06	3.13	3.23	3.35	
		Amps	11.2	11.4	11.7	12.1	11.9	12.2	12.5	12.9	12.8	13.1	13.4	13.9	13.6	13.8	14.2	14.7	14.3	14.6	15.0	15.5	15.0	15.4	15.8	16.4	
875		Hi/PR	242	260	275	287	271	292	308	322	309	332	351	366	352	378	399	417	395	426	449	469	437	470	497	518	
		Lo/PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166	
		MBh	33.1	33.7	35.3	37.7	32.3	33.0	34.5	36.8	31.6	32.2	33.7	36.0	30.8	31.4	32.9	35.1	29.3	29.8	31.2	33.3	27.1	27.6	28.9	30.9	
875		S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71	
		ΔT	30	30	28	24	31	30	29	25	31	30	29	25	31	31	31	25	31	30	28	25	28	28	27	23	
		KW	2.28	2.33	2.40	2.48	2.46	2.51	2.60	2.68	2.62	2.68	2.77	2.86	2.76	2.82	2.91	3.01	2.88	2.94	3.04	3.15	2.98	3.05	3.15	3.26	
875	Amps	10.9	11.1	11.5	11.8	11.7	11.9	12.2	12.6	12.5	12.8	13.1	13.5	13.2	13.5	13.9	14.3	14.0	14.3	14.7	15.2	14.7	15.0	15.4	15.9		
	Hi/PR	235	252	267	278	263	283	299	312	299	322	340	355	341	367	387	404	384	413	436	455	424	456	482	502		
	Lo/PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	149	126	134	146	156	130	138	151	161		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects AHRI conditions
 Design Subcooling, 10° F @ liquid access fitting connection AHRI 95 test conditions; Superheat 6° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG155421154

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1350	MBh	39.7	41.1	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-	
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.71	0.50	-	
		ΔT	20	17	13	-	20	18	13	-	21	18	14	-	21	18	14	-	22	19	13	-	19	16	12	-	
	1200	KW	2.58	2.63	2.71	-	2.77	2.83	2.92	-	2.94	3.01	3.10	-	3.09	3.16	3.26	-	3.22	3.29	3.40	-	3.33	3.41	3.52	-	
		Amps	11.3	11.6	11.9	-	12.1	12.4	12.8	-	13.1	13.4	13.8	-	13.9	14.2	14.6	-	14.7	15.0	15.5	-	15.5	15.8	16.3	-	
		Hi PR	226	243	257	-	253	273	288	-	288	310	327	-	328	353	373	-	369	397	420	-	408	439	464	-	
	1050	Lo PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	162	-	
		MBh	38.5	39.9	43.8	-	37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-	
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
	75	1350	ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	19	14	-	21	18	14	-	20	17	13	-
			KW	2.56	2.61	2.69	-	2.75	2.81	2.90	-	2.92	2.98	3.08	-	3.07	3.14	3.24	-	3.20	3.27	3.37	-	3.31	3.38	3.49	-
			Amps	11.2	11.5	11.8	-	12.0	12.3	12.7	-	13.0	13.3	13.7	-	13.8	14.1	14.5	-	14.6	14.9	15.4	-	15.4	15.7	16.2	-
1200		Hi PR	224	241	254	-	251	270	285	-	285	307	324	-	325	350	369	-	366	393	415	-	404	435	459	-	
		Lo PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-	
		MBh	35.6	36.9	40.4	-	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-	
1050		S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	
		ΔT	21	18	14	-	22	19	14	-	22	19	14	-	22	19	14	-	21	19	14	-	20	17	13	-	
		KW	2.50	2.55	2.63	-	2.68	2.74	2.83	-	2.85	2.91	3.00	-	2.99	3.06	3.16	-	3.12	3.19	3.29	-	3.22	3.29	3.40	-	
70		1350	Amps	11.0	11.2	11.5	-	11.8	12.0	12.4	-	12.7	12.9	13.3	-	13.4	13.7	14.1	-	14.2	14.5	15.0	-	15.0	15.3	15.8	-
			Hi PR	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	355	382	403	-	392	422	445	-
			Lo PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-
	1200	MBh	40.4	41.6	45.0	48.3	39.4	40.6	43.9	47.2	38.5	39.6	42.9	46.0	37.5	38.7	41.8	44.9	35.7	36.7	39.7	42.7	33.0	34.0	36.8	39.5	
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	
		ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11	
	1050	KW	2.60	2.65	2.73	2.82	2.79	2.85	2.94	3.04	2.97	3.03	3.13	3.23	3.12	3.19	3.29	3.40	3.25	3.32	3.43	3.54	3.36	3.44	3.55	3.67	
		Amps	11.4	11.7	12.0	12.4	12.2	12.5	12.9	13.3	13.2	13.5	13.9	14.4	14.0	14.3	14.8	15.3	14.8	15.2	15.6	16.2	15.6	16.0	16.5	17.1	
		Hi PR	228	245	259	270	256	275	291	303	291	313	331	345	332	357	377	393	373	401	424	442	412	443	468	488	
	75	Lo PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175	
		MBh	39.2	40.3	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	36.5	37.5	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4	
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
1200	ΔT	24	22	18	13	25	23	19	13	25	23	19	13	25	23	19	13	24	22	18	13	23	21	17	12		
	KW	2.58	2.63	2.71	2.80	2.77	2.83	2.92	3.01	2.94	3.01	3.10	3.20	3.09	3.16	3.26	3.37	3.22	3.29	3.40	3.51	3.33	3.41	3.52	3.64		
	Amps	11.3	11.6	11.9	12.3	12.1	12.4	12.8	13.2	13.1	13.4	13.8	14.2	13.9	14.2	14.6	15.1	14.7	15.0	15.5	16.0	15.5	15.9	16.3	16.9		
1050	Hi PR	226	243	257	268	253	273	288	300	288	310	327	342	328	353	373	389	369	397	420	438	408	439	464	484		
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173		
	MBh	36.2	37.2	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.4	41.2	33.6	34.6	37.5	40.2	32.0	32.9	35.6	38.2	29.6	30.5	33.0	35.4		
75	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.61	0.39		
	ΔT	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	17	12		
	KW	2.52	2.57	2.65	2.73	2.71	2.76	2.85	2.94	2.87	2.93	3.03	3.12	3.02	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55		
75	Amps	11.1	11.3	11.6	12.0	11.8	12.1	12.5	12.9	12.8	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.6	15.1	15.4	15.9	16.5		
	Hi PR	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	358	385	407	425	396	426	450	469		
	Lo PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 10° F @ liquid access fitting connection AHR195 test conditions; Superheat 6° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG155421154 (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1350	MBh	41.1	42.0	44.8	47.9	40.1	41.0	43.8	46.8	39.2	40.0	42.8	45.7	38.2	39.0	41.7	44.6	36.3	37.1	39.6	42.4	33.6	34.4	36.7	39.2	
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	
		ΔT	26	25	22	17	26	25	22	18	26	25	22	18	26	25	22	18	26	25	22	17	23	23	20	16	
	1200	kW	2.62	2.67	2.76	2.84	2.82	2.88	2.97	3.06	2.99	3.06	3.15	3.26	3.15	3.21	3.32	3.43	3.28	3.35	3.46	3.57	3.39	3.46	3.58	3.70	
		Amps	11.5	11.8	12.1	12.5	12.3	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.1	14.4	14.9	15.4	15.0	15.3	15.8	16.3	15.8	16.1	16.6	17.2	
		HiPR	230	248	262	273	259	278	294	306	294	316	334	348	335	360	381	397	377	405	428	446	416	448	473	493	
	1050	LoPR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	176	
		MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.2	36.0	38.5	41.1	32.6	33.4	35.6	38.1	
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.95	0.77	0.58	1.00	0.95	0.78	0.58	
	1050	1350	ΔT	27	26	23	18	27	26	23	18	27	26	23	18	28	26	23	18	27	26	23	18	25	24	21	17
			kW	2.60	2.65	2.73	2.82	2.79	2.85	2.94	3.04	2.97	3.03	3.13	3.23	3.12	3.19	3.29	3.40	3.25	3.32	3.43	3.54	3.36	3.44	3.55	3.67
			Amps	11.4	11.7	12.0	12.4	12.2	12.5	12.9	13.3	13.2	13.5	13.9	14.4	14.0	14.3	14.8	15.3	14.8	15.2	15.6	16.2	15.6	16.0	16.5	17.1
1200		HiPR	228	245	259	270	256	275	291	303	291	313	331	345	332	357	377	393	373	401	424	442	412	443	468	488	
		LoPR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175	
		MBh	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9	38.3	41.0	34.2	35.0	37.4	40.0	32.5	33.2	35.5	38.0	30.1	30.8	32.9	35.2	
1050		S/T	0.85	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56	
		ΔT	28	26	23	18	28	27	23	19	28	27	23	19	28	27	23	19	28	27	23	18	26	25	22	17	
		kW	2.54	2.59	2.67	2.75	2.73	2.78	2.87	2.96	2.90	2.96	3.05	3.15	3.04	3.11	3.21	3.31	3.17	3.24	3.34	3.45	3.28	3.35	3.46	3.58	
85		1350	Amps	11.1	11.4	11.7	12.1	11.9	12.2	12.6	13.0	12.9	13.1	13.5	14.0	13.7	14.0	14.4	14.9	14.5	14.8	15.2	15.8	15.2	15.6	16.1	16.6
			HiPR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474
			LoPR	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169
85	1350	MBh	41.8	42.6	44.6	47.6	40.8	41.6	43.6	46.5	39.9	40.6	42.5	45.4	38.9	39.6	41.5	44.3	36.9	37.6	39.4	42.1	34.2	34.9	36.5	39.0	
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.97	0.79	
		ΔT	28	27	26	22	28	28	26	23	27	28	26	23	26	27	26	23	25	26	26	22	23	24	24	21	
	1200	kW	2.64	2.69	2.78	2.87	2.84	2.90	2.99	3.09	3.02	3.08	3.18	3.28	3.17	3.24	3.35	3.46	3.30	3.38	3.49	3.60	3.42	3.49	3.61	3.73	
		Amps	11.6	11.9	12.2	12.6	12.4	12.7	13.1	13.5	13.4	13.7	14.1	14.6	14.2	14.6	15.0	15.5	15.1	15.4	15.9	16.5	15.9	16.3	16.8	17.4	
		HiPR	233	250	264	276	261	281	297	309	297	320	337	352	338	364	384	401	380	409	432	451	420	452	478	498	
	1050	LoPR	115	123	134	143	122	130	141	151	127	135	147	157	133	141	154	164	139	148	162	172	144	153	167	178	
		MBh	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5	40.3	43.0	35.9	36.6	38.3	40.8	33.2	33.9	35.5	37.8	
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	85	1200	ΔT	29	28	27	23	29	29	27	24	29	29	27	24	29	29	27	24	29	28	27	23	25	26	25	22
			kW	2.62	2.67	2.76	2.84	2.82	2.88	2.97	3.06	2.99	3.06	3.15	3.26	3.15	3.21	3.32	3.43	3.28	3.35	3.46	3.57	3.39	3.46	3.58	3.70
			Amps	11.5	11.8	12.1	12.5	12.3	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.1	14.4	14.9	15.4	15.0	15.3	15.8	16.3	15.8	16.1	16.6	17.2
1050	HiPR	230	248	262	273	259	278	294	306	294	316	334	348	335	360	381	397	377	405	428	446	416	448	473	493		
	LoPR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	176		
	MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5	37.2	39.7	33.1	33.7	35.3	37.7	30.7	31.3	32.7	34.9		
85	1050	S/T	0.90	0.86	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.90	0.73	
		ΔT	29	29	27	24	30	29	28	24	30	29	28	24	30	29	28	24	30	29	28	24	27	27	26	22	
		kW	2.56	2.61	2.69	2.77	2.75	2.81	2.89	2.99	2.92	2.98	3.08	3.18	3.07	3.13	3.24	3.34	3.20	3.27	3.37	3.48	3.31	3.38	3.49	3.61	
85	1050	Amps	11.2	11.5	11.8	12.2	12.0	12.3	12.7	13.1	13.0	13.3	13.6	14.1	13.8	14.1	14.5	15.0	14.6	14.9	15.4	15.9	15.4	15.7	16.2	16.8	
		HiPR	223	240	254	265	251	270	285	297	285	307	324	338	325	350	369	385	365	393	415	433	404	434	459	479	
		LoPR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171	

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects AHRI conditions
 Design Subcooling, 10° F @ liquid access fitting connection AHRI 95 test conditions; Superheat 6° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1548***41** — SINGLE STAGE

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1238	MBh	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		kW	2.31	2.35	2.42	-	2.47	2.52	2.60	-	2.62	2.67	2.76	-	2.75	2.81	2.89	-	2.86	2.92	3.01	-	2.95	3.01	3.11	-
		Amps	10.4	10.6	10.9	-	11.1	11.3	11.6	-	11.9	12.1	12.4	-	12.5	12.8	13.1	-	13.2	13.5	13.8	-	13.8	14.1	14.5	-
		Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	364	392	414	-	403	433	458	-
	Lo PR	112	120	131	-	119	126	138	-	123	131	143	-	130	138	151	-	136	145	158	-	141	150	163	-	
	MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-	
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	ΔT	21	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	
	kW	2.29	2.34	2.41	-	2.46	2.51	2.58	-	2.60	2.65	2.73	-	2.73	2.78	2.87	-	2.84	2.89	2.99	-	2.93	2.99	3.08	-	
	Amps	10.3	10.5	10.8	-	11.0	11.2	11.5	-	11.8	12.0	12.3	-	12.4	12.7	13.0	-	13.1	13.4	13.7	-	13.7	14.0	14.4	-	
Hi PR	221	237	251	-	248	266	281	-	282	303	320	-	321	345	365	-	361	388	410	-	399	429	453	-		
Lo PR	111	118	129	-	118	125	137	-	122	130	142	-	128	137	149	-	135	143	156	-	139	148	162	-		
MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-		
S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-		
ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-		
kW	2.24	2.29	2.35	-	2.40	2.45	2.52	-	2.54	2.59	2.67	-	2.66	2.72	2.80	-	2.77	2.83	2.91	-	2.86	2.92	3.01	-		
Amps	10.1	10.3	10.6	-	10.8	11.0	11.3	-	11.5	11.7	12.0	-	12.1	12.4	12.7	-	12.8	13.0	13.4	-	13.4	13.7	14.1	-		
Hi PR	214	230	243	-	240	258	273	-	273	294	310	-	311	335	354	-	350	377	398	-	387	416	439	-		
Lo PR	108	115	125	-	114	121	132	-	119	126	138	-	125	132	145	-	131	139	152	-	135	144	157	-		
75	1238	MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.3	34.2	37.1	39.8	32.4	33.4	36.2	38.8	30.8	31.7	34.4	36.9	28.6	29.4	31.8	34.2
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
		kW	2.33	2.37	2.44	2.52	2.49	2.54	2.62	2.70	2.64	2.69	2.78	2.86	2.77	2.83	2.92	3.01	2.88	2.94	3.03	3.13	2.98	3.04	3.14	3.24
		Amps	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.0	11.9	12.2	12.5	12.9	12.6	12.9	13.2	13.7	13.3	13.6	13.9	14.4	14.0	14.2	14.7	15.1
		Hi PR	225	242	256	267	253	272	287	299	287	309	327	341	327	352	372	388	368	396	418	436	407	438	462	482
	Lo PR	114	121	132	140	120	128	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142	151	165	176	
	MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2	
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
	ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12	
	kW	2.31	2.36	2.42	2.50	2.47	2.52	2.60	2.68	2.62	2.67	2.76	2.84	2.75	2.81	2.89	2.98	2.86	2.92	3.01	3.11	2.95	3.01	3.11	3.21	
	Amps	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.9	12.1	12.4	12.8	12.5	12.8	13.1	13.5	13.2	13.5	13.8	14.3	13.8	14.1	14.5	15.0	
Hi PR	223	240	253	264	250	269	284	296	285	306	323	337	324	349	368	384	365	392	414	432	403	433	458	477		
Lo PR	112	120	131	139	119	126	138	147	123	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174		
MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6		
S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40		
ΔT	24	22	18	13	24	22	18	13	24	23	18	13	25	23	19	13	24	22	18	13	23	21	17	12		
kW	2.26	2.30	2.37	2.44	2.42	2.47	2.54	2.62	2.56	2.61	2.69	2.77	2.68	2.74	2.82	2.91	2.79	2.85	2.94	3.03	2.88	2.94	3.03	3.13		
Amps	10.2	10.4	10.6	11.0	10.8	11.0	11.3	11.7	11.6	11.8	12.1	12.5	12.2	12.5	12.8	13.2	12.9	13.1	13.5	13.9	13.5	13.8	14.2	14.7		
Hi PR	216	233	246	256	243	261	276	288	276	297	314	327	314	338	357	373	354	381	402	419	391	420	444	463		
Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHR1 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1548***41** — SINGLE STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1238	MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.8	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.2	36.6	29.1	29.7	31.7	33.9
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		ΔT	25	24	21	17	26	25	21	17	25	25	21	17	25	25	22	17	23	24	21	17	22	22	20	16
		kW	2.34	2.39	2.46	2.54	2.51	2.56	2.64	2.72	2.66	2.72	2.80	2.89	2.79	2.85	2.94	3.03	2.90	2.96	3.06	3.16	3.00	3.06	3.16	3.26
		Amps	10.6	10.8	11.0	11.4	11.2	11.5	11.8	12.1	12.0	12.3	12.6	13.0	12.7	13.0	13.3	13.8	13.4	13.7	14.1	14.5	14.1	14.4	14.8	15.3
		Hi-PR	227	245	258	270	255	275	290	302	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487
	Lo-PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	148	161	172	143	153	167	177	
	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9	
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	
	ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	25	26	22	18	24	24	21	17	
	kW	2.33	2.37	2.44	2.52	2.49	2.54	2.62	2.70	2.64	2.69	2.78	2.86	2.77	2.83	2.92	3.01	2.88	2.94	3.03	3.13	2.98	3.04	3.14	3.24	
	Amps	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.0	11.9	12.2	12.5	12.9	12.6	12.9	13.2	13.7	13.3	13.6	14.0	14.4	14.0	14.2	14.7	15.1	
Hi-PR	225	242	256	267	253	272	287	299	287	309	327	341	327	352	372	388	368	396	418	436	407	438	462	482		
Lo-PR	114	121	132	140	120	128	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142	151	165	176		
MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4		
S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58		
ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	23	18	25	24	21	17		
kW	2.28	2.32	2.39	2.46	2.44	2.49	2.56	2.64	2.58	2.63	2.71	2.80	2.71	2.76	2.85	2.94	2.81	2.87	2.96	3.06	2.90	2.97	3.06	3.16		
Amps	10.3	10.5	10.7	11.0	10.9	11.1	11.4	11.8	11.7	11.9	12.2	12.6	12.3	12.6	12.9	13.3	13.0	13.2	13.6	14.1	13.6	13.9	14.3	14.8		
Hi-PR	218	235	248	259	245	264	279	291	279	300	317	330	317	342	361	376	357	384	406	423	395	425	448	468		
Lo-PR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	170		
85	1238	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.96	0.81	1.00	1.00	0.96	0.82
		ΔT	27	27	25	22	26	27	26	22	26	26	26	22	25	25	26	22	24	24	25	22	22	22	23	21
		kW	2.36	2.41	2.48	2.55	2.53	2.58	2.66	2.74	2.68	2.74	2.82	2.91	2.81	2.87	2.96	3.06	2.93	2.99	3.08	3.18	3.02	3.09	3.19	3.29
		Amps	10.6	10.8	11.1	11.5	11.3	11.5	11.9	12.2	12.1	12.4	12.7	13.1	12.8	13.1	13.4	13.9	13.5	13.8	14.2	14.6	14.2	14.5	14.9	15.4
		Hi-PR	230	247	261	272	258	277	293	306	293	315	333	347	334	359	379	396	376	404	427	445	415	447	472	492
	Lo-PR	116	123	135	143	122	130	142	151	127	135	148	157	134	142	155	165	140	149	163	173	145	154	168	179	
	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7	
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	
	ΔT	28	28	26	23	29	28	27	23	28	28	27	23	27	28	27	23	26	26	26	23	24	24	25	21	
	kW	2.34	2.39	2.46	2.54	2.51	2.56	2.64	2.72	2.66	2.72	2.80	2.89	2.79	2.85	2.94	3.03	2.90	2.96	3.06	3.16	3.00	3.06	3.16	3.26	
	Amps	10.6	10.8	11.0	11.4	11.2	11.5	11.8	12.1	12.0	12.3	12.6	13.0	12.7	13.0	13.3	13.8	13.4	13.7	14.1	14.5	14.1	14.4	14.8	15.3	
Hi-PR	227	245	258	270	255	275	290	302	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487		
Lo-PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	148	161	172	143	153	167	177		
MBh	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2		
S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75		
ΔT	29	28	27	23	29	29	27	23	29	29	27	23	29	29	27	24	27	28	27	23	25	26	25	22		
kW	2.29	2.34	2.41	2.48	2.46	2.50	2.58	2.66	2.60	2.65	2.73	2.82	2.73	2.78	2.87	2.96	2.83	2.89	2.98	3.08	2.93	2.99	3.08	3.18		
Amps	10.3	10.5	10.8	11.1	11.0	11.2	11.5	11.9	11.8	12.0	12.3	12.7	12.4	12.7	13.0	13.4	13.1	13.4	13.7	14.2	13.7	14.0	14.4	14.9		
Hi-PR	221	237	251	261	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472		
Lo-PR	111	118	129	138	118	125	137	145	122	130	142	151	128	137	149	159	135	143	156	166	139	148	162	172		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects AHRI (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHRI 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1548***41** — Two Stage

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	46.5	48.2	52.9	-	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.3	44.9	49.2	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-	
	S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
	1699	KW	3.43	3.50	3.60	-	3.67	3.75	3.86	-	3.89	3.97	4.08	-	4.07	4.16	4.28	-	4.23	4.32	4.45	-	4.37	4.46	4.60	-
	Amps	15.9	16.2	16.6	-	16.9	17.2	17.7	-	18.0	18.4	18.9	-	19.0	19.4	19.9	-	20.0	20.4	20.9	-	20.9	21.4	22.0	-	
	Hi PR	244	262	277	-	273	294	311	-	311	334	353	-	354	381	402	-	398	429	453	-	440	473	500	-	
	Lo PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	156	-	138	147	161	-	
	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-	
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	ΔT	20	18	13	-	21	18	13	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-	
	1510	KW	3.41	3.48	3.58	-	3.65	3.72	3.83	-	3.86	3.94	4.05	-	4.04	4.13	4.25	-	4.20	4.29	4.42	-	4.34	4.43	4.57	-
	Amps	15.8	16.1	16.5	-	16.8	17.1	17.5	-	17.9	18.2	18.7	-	18.9	19.2	19.8	-	19.8	20.2	20.8	-	20.8	21.2	21.8	-	
Hi PR	241	259	274	-	271	291	307	-	308	331	350	-	350	377	398	-	394	424	448	-	436	469	495	-		
Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	126	135	147	-	133	141	154	-	137	146	159	-		
MBh	41.7	43.2	47.4	-	40.7	42.2	46.3	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-		
S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-		
ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-		
1321	KW	3.34	3.40	3.50	-	3.57	3.64	3.74	-	3.77	3.85	3.96	-	3.95	4.03	4.15	-	4.10	4.19	4.32	-	4.24	4.32	4.46	-	
Amps	15.5	15.8	16.2	-	16.4	16.7	17.2	-	17.5	17.9	18.3	-	18.5	18.8	19.3	-	19.4	19.8	20.3	-	20.3	20.7	21.3	-		
Hi PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	412	435	-	423	455	480	-		
Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	141	154	-		
75	MBh	47.3	48.7	52.8	56.6	46.2	47.6	51.5	55.3	45.1	46.5	50.3	54.0	44.0	45.3	49.1	52.7	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3	
	S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	
	1699	KW	3.46	3.53	3.63	3.74	3.70	3.78	3.89	4.01	3.92	4.00	4.12	4.24	4.11	4.19	4.32	4.45	4.27	4.36	4.49	4.63	4.41	4.50	4.64	4.79
	Amps	16.0	16.3	16.7	17.2	17.0	17.3	17.8	18.3	18.2	18.5	19.0	19.6	19.2	19.5	20.0	20.7	20.1	20.5	21.1	21.7	21.1	21.5	22.1	22.8	
	Hi PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527	
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173	
	MBh	46.0	47.3	51.2	55.0	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0	
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	
	1510	KW	3.43	3.50	3.60	3.71	3.68	3.75	3.86	3.97	3.89	3.97	4.09	4.21	4.08	4.16	4.29	4.42	4.23	4.32	4.46	4.60	4.37	4.46	4.60	4.75
	Amps	15.9	16.2	16.6	17.1	16.9	17.2	17.7	18.2	18.0	18.4	18.9	19.4	19.0	19.4	19.9	20.5	20.0	20.4	20.9	21.6	20.9	21.4	22.0	22.6	
Hi PR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522		
Lo PR	111	118	129	137	117	125	136	145	122	129	141	150	128	136	148	158	134	142	156	166	139	147	161	171		
MBh	42.4	43.7	47.3	50.7	41.4	42.7	46.2	49.6	40.4	41.6	45.1	48.4	39.5	40.6	44.0	47.2	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5		
S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40		
ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	22	21	17	12		
1321	KW	3.36	3.42	3.52	3.63	3.59	3.66	3.77	3.88	3.80	3.88	3.99	4.11	3.98	4.06	4.19	4.31	4.14	4.22	4.35	4.49	4.27	4.36	4.49	4.63	
Amps	15.6	15.9	16.3	16.7	16.6	16.9	17.3	17.8	17.7	18.0	18.5	19.0	18.6	19.0	19.5	20.0	19.5	19.9	20.5	21.1	20.5	20.9	21.5	22.1		
Hi PR	236	254	268	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506		
Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions
 Design: Subcooling, 15°F ± 3 @ liquid access fitting connection AHR1 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1548***41** — Two Stage (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1699	MBh	48.2	49.2	52.6	56.2	47.1	48.1	51.4	54.9	45.9	46.9	50.1	53.6	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0	
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	
		ΔT	25	24	21	17	25	24	21	17	24	25	21	17	24	25	21	17	23	24	21	17	21	22	20	16	
	1510	KW	3.48	3.55	3.66	3.76	3.73	3.80	3.92	4.04	3.95	4.03	4.15	4.28	4.14	4.22	4.35	4.49	4.30	4.39	4.53	4.67	4.44	4.53	4.68	4.82	
		Amps	16.2	16.5	16.9	17.3	17.2	17.5	17.9	18.4	18.3	18.7	19.1	19.7	19.3	19.7	20.2	20.8	20.3	20.7	21.3	21.9	21.3	21.7	22.3	23.0	
		Hi/PR	249	267	282	295	279	300	317	330	317	341	360	376	361	389	410	428	406	437	462	482	449	483	510	532	
	1321	Lo/PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175	
		MBh	46.8	47.8	51.1	54.6	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7	
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	
	85	1699	MBh	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7
			S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
			ΔT	27	26	25	22	26	26	25	22	25	26	25	22	25	25	25	22	23	24	25	22	22	22	23	20
1510		KW	3.51	3.58	3.68	3.79	3.76	3.83	3.95	4.07	3.98	4.06	4.18	4.31	4.17	4.26	4.39	4.52	4.33	4.42	4.56	4.71	4.48	4.57	4.71	4.86	
		Amps	16.3	16.6	17.0	17.5	17.3	17.6	18.0	18.6	18.4	18.8	19.3	19.9	19.4	19.8	20.3	21.0	20.4	20.8	21.4	22.1	21.4	21.9	22.5	23.2	
		Hi/PR	251	270	285	297	282	303	320	334	320	345	364	380	365	393	415	432	410	442	466	486	453	488	515	537	
1321		Lo/PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
		MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4	
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	
88		1699	MBh	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7
			S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
			ΔT	27	26	25	22	26	26	25	22	25	26	25	22	25	25	25	22	23	24	25	22	22	22	23	20
	1510	KW	3.51	3.58	3.68	3.79	3.76	3.83	3.95	4.07	3.98	4.06	4.18	4.31	4.17	4.26	4.39	4.52	4.33	4.42	4.56	4.71	4.48	4.57	4.71	4.86	
		Amps	16.3	16.6	17.0	17.5	17.3	17.6	18.0	18.6	18.4	18.8	19.3	19.9	19.4	19.8	20.3	21.0	20.4	20.8	21.4	22.1	21.4	21.9	22.5	23.2	
		Hi/PR	251	270	285	297	282	303	320	334	320	345	364	380	365	393	415	432	410	442	466	486	453	488	515	537	
	1321	Lo/PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
		MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4	
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects AHR1 (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHR1 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG154911541 — SINGLE STAGE

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1135	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.6	48.9	-	42.0	43.5	47.7	-	39.9	41.4	45.3	-	37.0	38.3	42.0	-	
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	
		ΔT	27	24	18	-	28	24	18	-	28	24	18	-	28	24	18	-	28	24	18	-	26	22	17	-	
	1050	kW	2.09	2.14	2.20	-	2.25	2.30	2.37	-	2.39	2.44	2.51	-	2.51	2.56	2.64	-	2.61	2.67	2.75	-	2.70	2.76	2.85	-	
		Amps	8.6	8.8	9.0	-	9.2	9.4	9.7	-	9.9	10.1	10.4	-	10.5	10.7	11.0	-	11.1	11.3	11.6	-	11.6	11.9	12.3	-	
		Hi/PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	372	393	-	382	412	435	-	
	925	Lo/PR	113	120	131	-	119	127	138	-	124	132	144	-	130	138	151	-	136	145	158	-	141	150	164	-	
		MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-	
		S/T	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	
	75	1135	ΔT	29	25	19	-	29	25	19	-	29	25	19	-	29	25	19	-	29	25	19	-	27	23	18	-
			kW	2.09	2.13	2.20	-	2.24	2.29	2.36	-	2.38	2.43	2.51	-	2.50	2.55	2.64	-	2.60	2.66	2.75	-	2.69	2.75	2.84	-
			Amps	8.6	8.8	9.0	-	9.2	9.4	9.6	-	9.9	10.1	10.4	-	10.4	10.7	11.0	-	11.0	11.3	11.6	-	11.6	11.9	12.2	-
1050		Hi/PR	211	227	240	-	237	255	269	-	269	290	306	-	307	330	349	-	345	371	392	-	381	410	433	-	
		Lo/PR	113	120	131	-	119	126	138	-	124	131	143	-	130	138	151	-	136	145	158	-	141	150	163	-	
		MBh	42.5	44.0	48.2	-	41.5	43.0	47.1	-	40.5	42.0	46.0	-	39.5	41.0	44.9	-	37.5	38.9	42.6	-	34.8	36.0	39.5	-	
925		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	30	26	20	-	30	26	20	-	30	26	20	-	30	26	20	-	30	26	20	-	28	24	18	-	
		kW	2.06	2.10	2.16	-	2.21	2.25	2.32	-	2.34	2.39	2.47	-	2.46	2.51	2.59	-	2.56	2.62	2.70	-	2.65	2.71	2.79	-	
70		1135	Amps	8.5	8.6	8.9	-	9.0	9.2	9.5	-	9.7	9.9	10.2	-	10.3	10.5	10.8	-	10.9	11.1	11.4	-	11.4	11.7	12.0	-
			Hi/PR	207	223	235	-	232	250	264	-	264	284	300	-	301	324	342	-	338	364	384	-	374	402	425	-
			Lo/PR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-
	1050	MBh	45.9	47.3	51.2	54.9	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.7	44.0	47.6	51.1	40.6	41.8	45.2	48.5	37.6	38.7	41.9	45.0	
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43	
		ΔT	32	29	24	17	32	30	24	17	32	30	24	17	32	30	24	17	32	29	24	17	30	27	22	16	
	925	kW	2.11	2.15	2.22	2.29	2.27	2.31	2.39	2.46	2.41	2.46	2.53	2.62	2.53	2.58	2.66	2.75	2.63	2.69	2.78	2.87	2.72	2.78	2.87	2.97	
		Amps	8.7	8.8	9.1	9.4	9.3	9.5	9.7	10.0	10.0	10.2	10.5	10.8	10.6	10.8	11.1	11.5	11.2	11.4	11.7	12.1	11.7	12.0	12.4	12.8	
		Hi/PR	214	230	243	253	240	258	273	284	273	294	310	323	311	334	353	368	350	376	397	414	386	416	439	458	
	75	1050	Lo/PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	163	138	147	160	170	143	152	166	176
			MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5
			S/T	0.84	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
925		ΔT	33	31	25	17	34	31	25	18	34	31	25	18	34	31	26	18	33	31	25	17	31	29	24	16	
		kW	2.11	2.15	2.21	2.28	2.26	2.31	2.38	2.46	2.40	2.45	2.53	2.61	2.52	2.58	2.66	2.74	2.63	2.68	2.77	2.86	2.71	2.77	2.86	2.96	
		Amps	8.7	8.8	9.1	9.4	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.1	11.4	11.7	12.1	11.7	12.0	12.3	12.8	
1050		Hi/PR	213	229	242	253	239	257	272	284	272	293	309	322	310	333	352	367	349	375	396	413	385	415	438	457	
		Lo/PR	114	121	132	141	120	128	139	149	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176	
		MBh	43.2	44.5	48.1	51.7	42.2	43.4	47.0	50.5	41.2	42.4	45.9	49.3	40.2	41.4	44.8	48.1	38.2	39.3	42.5	45.7	35.4	36.4	39.4	42.3	
925		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40	
		ΔT	34	32	26	18	35	32	26	18	35	32	26	18	35	32	26	18	35	32	26	18	32	30	24	17	
		kW	2.07	2.12	2.18	2.25	2.23	2.27	2.34	2.42	2.36	2.41	2.49	2.57	2.48	2.53	2.61	2.70	2.58	2.64	2.72	2.81	2.67	2.73	2.82	2.91	
1050	Amps	8.5	8.7	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.6	10.4	10.6	10.9	11.3	10.9	11.2	11.5	11.9	11.5	11.8	12.1	12.5		
	Hi/PR	209	225	237	248	234	252	266	278	267	287	303	316	304	327	345	360	342	368	388	405	377	406	429	447		
	Lo/PR	111	119	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 12° F @ liquid access fitting connection AHR1 95 test conditions; Superheat 12° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG154911541 — SINGLE STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1135	MBh	46.7	47.8	51.0	54.6	45.7	46.7	49.8	53.3	44.6	45.5	48.7	52.0	43.5	44.4	47.5	50.7	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7	
		S/T	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61	
		ΔT	35	34	29	24	36	34	30	24	36	34	30	24	35	35	30	24	33	34	30	24	31	32	28	22	
	1050	kW	2.13	2.17	2.24	2.31	2.29	2.33	2.41	2.48	2.42	2.48	2.55	2.64	2.55	2.60	2.69	2.77	2.65	2.71	2.80	2.89	2.74	2.80	2.90	2.99	
		Amps	8.7	8.9	9.2	9.5	9.3	9.5	9.8	10.1	10.0	10.3	10.6	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.8	12.2	11.8	12.1	12.5	12.9	
		Hi/PR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	443	463	
	925	Lo/PR	115	123	134	142	122	129	141	150	126	135	147	156	133	141	154	164	139	148	162	172	144	153	167	178	
		MBh	46.3	47.3	50.5	54.0	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	47.0	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2	
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.60	1.00	0.99	0.80	0.60	
	85	1135	ΔT	37	36	31	25	38	36	31	25	38	36	31	25	38	36	32	25	36	36	31	25	33	33	29	23
			kW	2.12	2.17	2.23	2.30	2.28	2.33	2.40	2.48	2.42	2.47	2.55	2.63	2.54	2.60	2.68	2.77	2.65	2.70	2.79	2.88	2.74	2.80	2.89	2.98
			Amps	8.7	8.9	9.1	9.4	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.4	12.9
1050		Hi/PR	215	232	245	255	242	260	275	286	275	296	312	326	313	337	356	371	352	379	400	417	389	419	442	461	
		Lo/PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	148	161	172	144	153	167	178	
		MBh	44.0	44.9	48.0	51.3	42.9	43.9	46.9	50.1	41.9	42.8	45.8	48.9	40.9	41.8	44.7	47.7	38.9	39.7	42.4	45.3	36.0	36.8	39.3	42.0	
925		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	0.94	0.76	0.57	1.01	0.94	0.77	0.57	
		ΔT	38	37	32	26	39	37	32	26	39	37	32	26	39	37	32	26	39	37	32	26	36	35	30	24	
		kW	2.09	2.13	2.20	2.26	2.24	2.29	2.36	2.44	2.38	2.43	2.51	2.59	2.50	2.55	2.64	2.72	2.60	2.66	2.75	2.84	2.69	2.75	2.84	2.93	
1135		Amps	8.6	8.8	9.0	9.3	9.2	9.4	9.6	9.9	9.9	10.1	10.4	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.6	12.0	11.6	11.9	12.2	12.7	
		Hi/PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	371	392	409	381	410	433	452	
		Lo/PR	113	120	131	139	119	126	138	147	124	131	143	153	130	138	151	161	136	145	158	168	141	150	163	174	
85	1135	MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.3	46.2	48.4	51.6	44.2	45.1	47.2	50.4	42.0	42.8	44.9	47.9	38.9	39.7	41.6	44.3	
		S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	
		ΔT	38	37	35	30	38	38	36	31	37	37	36	31	36	37	36	31	34	35	35	31	32	32	33	29	
	1050	kW	2.14	2.19	2.25	2.32	2.30	2.35	2.42	2.50	2.44	2.50	2.58	2.66	2.57	2.62	2.71	2.80	2.67	2.73	2.82	2.91	2.77	2.83	2.92	3.02	
		Amps	8.8	9.0	9.2	9.5	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.3	11.6	11.9	12.3	11.9	12.2	12.6	13.0	
		Hi/PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467	
	925	Lo/PR	116	124	135	144	123	131	143	152	128	136	148	158	134	143	156	166	141	150	163	174	145	155	169	180	
		MBh	47.1	48.0	50.3	53.6	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9	
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
	1135	ΔT	40	39	37	32	40	39	37	32	39	39	37	32	38	39	38	33	36	37	37	32	34	34	35	30	
		kW	2.14	2.18	2.25	2.32	2.30	2.35	2.42	2.50	2.44	2.49	2.57	2.65	2.56	2.62	2.70	2.79	2.67	2.73	2.81	2.91	2.76	2.82	2.91	3.01	
		Amps	8.8	9.0	9.2	9.5	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.6	11.3	11.6	11.9	12.3	11.9	12.2	12.5	13.0	
1050	Hi/PR	218	234	247	258	244	263	277	289	278	299	315	329	316	340	359	375	356	383	404	422	393	423	447	466		
	Lo/PR	116	123	135	143	123	130	142	152	127	135	148	157	134	142	155	165	140	149	163	173	145	154	168	179		
	MBh	44.7	45.6	47.8	51.0	43.7	44.5	46.6	49.8	42.7	43.5	45.5	48.6	41.6	42.4	44.4	47.4	39.5	40.3	42.2	45.0	36.6	37.3	39.1	41.7		
925	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	0.75		
	ΔT	41	40	38	33	41	41	38	33	41	41	39	33	41	41	39	34	39	40	38	33	36	37	36	31		
	kW	2.11	2.15	2.21	2.28	2.26	2.31	2.38	2.46	2.40	2.45	2.53	2.61	2.52	2.58	2.66	2.74	2.62	2.68	2.77	2.86	2.71	2.77	2.86	2.96		
1135	Amps	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.4	11.1	11.4	11.7	12.1	11.7	12.0	12.3	12.8		
	Hi/PR	213	229	242	253	239	257	272	283	272	293	309	322	310	333	352	367	349	375	396	413	385	414	438	456		
	Lo/PR	114	121	132	141	120	128	139	149	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176		

IDB: Entering Indoor Dry Bulb Temperature
High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRl conditions

Design Subcooling, 12° F @ liquid access fitting connection AHRl 95 test conditions; Superheat 12° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG154911541 — Two Stage

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1475	MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-	
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-	
	1300	KW	3.11	3.18	3.28	-	3.35	3.42	3.53	-	3.56	3.64	3.76	-	3.75	3.83	3.96	-	3.91	3.99	4.13	-	4.04	4.13	4.27	-	
		Amps	12.9	13.1	13.5	-	13.8	14.1	14.5	-	14.8	15.2	15.6	-	15.8	16.1	16.6	-	16.7	17.1	17.6	-	17.6	18.0	18.5	-	
		Hi/PR	230	247	261	-	258	277	293	-	293	315	333	-	334	359	379	-	375	404	427	-	415	446	471	-	
	1125	Lo/PR	108	115	125	-	114	121	132	-	118	126	138	-	124	132	145	-	130	139	151	-	135	144	157	-	
		MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-	
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-	
	75	1475	ΔT	22	19	14	-	22	19	15	-	22	19	15	-	22	19	15	-	22	19	14	-	21	18	13	-
			KW	3.09	3.15	3.25	-	3.32	3.39	3.50	-	3.53	3.61	3.73	-	3.72	3.80	3.92	-	3.87	3.96	4.09	-	4.01	4.10	4.24	-
			Amps	12.8	13.0	13.4	-	13.7	14.0	14.4	-	14.7	15.0	15.5	-	15.6	16.0	16.5	-	16.5	16.9	17.4	-	17.4	17.8	18.4	-
1300		Hi/PR	227	245	258	-	255	275	290	-	290	312	330	-	330	356	375	-	372	400	422	-	411	442	467	-	
		Lo/PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	
		MBh	41.3	42.8	46.9	-	40.3	41.8	45.8	-	39.4	40.8	44.7	-	38.4	39.8	43.6	-	36.5	37.8	41.4	-	33.8	35.0	38.4	-	
1125		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-	
		ΔT	22	19	15	-	23	20	15	-	23	20	15	-	23	20	15	-	23	20	15	-	21	18	14	-	
		KW	3.01	3.08	3.17	-	3.24	3.31	3.42	-	3.45	3.52	3.63	-	3.62	3.70	3.83	-	3.78	3.86	3.99	-	3.91	4.00	4.13	-	
70		1475	Amps	12.4	12.7	13.1	-	13.3	13.6	14.0	-	14.4	14.7	15.1	-	15.2	15.6	16.0	-	16.1	16.5	17.0	-	17.0	17.4	17.9	-
			Hi/PR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-
			Lo/PR	104	110	120	-	109	116	127	-	114	121	132	-	120	127	139	-	125	133	145	-	130	138	150	-
	1475	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9	
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.95	0.85	0.64	0.41	
		ΔT	24	22	18	13	24	22	18	13	24	22	18	13	25	23	19	13	24	22	18	13	23	21	17	12	
	1300	KW	3.14	3.20	3.30	3.41	3.38	3.45	3.56	3.68	3.59	3.67	3.79	3.92	3.78	3.86	3.99	4.12	3.94	4.03	4.16	4.30	4.08	4.17	4.31	4.46	
		Amps	13.0	13.2	13.6	14.1	13.9	14.2	14.6	15.1	15.0	15.3	15.8	16.3	15.9	16.2	16.7	17.3	16.8	17.2	17.7	18.4	17.7	18.1	18.7	19.4	
		Hi/PR	232	250	264	275	260	280	296	308	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497	
	1125	Lo/PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	
		MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5	
		S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
75	1475	ΔT	25	23	19	13	26	24	19	13	26	24	19	13	26	24	19	13	25	23	19	13	24	22	18	12	
		KW	3.11	3.18	3.28	3.38	3.35	3.42	3.53	3.65	3.56	3.64	3.76	3.88	3.75	3.83	3.96	4.09	3.91	3.99	4.13	4.27	4.04	4.13	4.27	4.42	
		Amps	12.9	13.1	13.5	14.0	13.8	14.1	14.5	15.0	14.8	15.2	15.6	16.2	15.8	16.1	16.6	17.2	16.7	17.1	17.6	18.2	17.6	18.0	18.5	19.2	
	1300	Hi/PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	376	404	427	445	415	447	471	492	
		Lo/PR	108	115	125	134	114	121	132	141	119	126	138	147	124	132	145	154	130	139	152	161	135	144	157	167	
		MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1	
	1125	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38	
		ΔT	26	24	20	14	26	24	20	14	26	24	20	14	26	24	20	14	26	24	20	14	24	22	18	13	
		KW	3.04	3.10	3.20	3.30	3.27	3.34	3.45	3.56	3.47	3.55	3.66	3.79	3.66	3.74	3.86	3.99	3.81	3.89	4.02	4.16	3.94	4.03	4.16	4.30	
	70	Amps	12.5	12.8	13.2	13.6	13.4	13.7	14.1	14.6	14.5	14.8	15.2	15.8	15.4	15.7	16.2	16.7	16.3	16.6	17.1	17.7	17.1	17.5	18.1	18.7	
		Hi/PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477	
		Lo/PR	105	111	122	130	111	118	128	137	115	122	134	142	121	128	140	149	127	135	147	157	131	139	152	162	

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 12° F @ liquid access fitting connection AHR195 test conditions; Superheat 12° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG154911541 — Two Stage (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1475	MBh	47.7	48.7	52.0	55.6	46.6	47.6	50.8	54.3	45.5	46.4	49.6	53.0	44.3	45.3	48.4	51.8	42.1	43.0	46.0	49.2	39.0	39.9	42.6	45.5	
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.79	0.59	
		ΔT	27	26	22	18	27	26	23	18	27	26	23	18	28	26	23	18	28	26	22	18	24	25	21	17	
	1300	KW	3.16	3.23	3.33	3.44	3.41	3.48	3.59	3.71	3.62	3.70	3.82	3.95	3.81	3.90	4.02	4.16	3.97	4.06	4.20	4.34	4.11	4.21	4.35	4.49	
		Amps	13.1	13.3	13.7	14.2	14.0	14.3	14.7	15.2	15.1	15.4	15.9	16.4	16.0	16.4	16.9	17.5	17.0	17.4	17.9	18.5	17.9	18.3	18.9	19.5	
		HiPR	234	252	266	278	263	283	299	312	299	322	340	354	341	366	387	404	383	412	435	454	423	456	481	502	
	1125	LoPR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	146	160	170	
		MBh	46.3	47.3	50.5	54.0	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	47.0	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2	
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	
	85	1475	ΔT	28	27	23	19	29	27	24	19	29	27	24	19	29	28	24	19	29	27	24	19	26	25	22	18
			KW	3.14	3.20	3.30	3.41	3.38	3.45	3.56	3.68	3.59	3.67	3.79	3.92	3.78	3.86	3.99	4.13	3.94	4.03	4.16	4.30	4.08	4.17	4.31	4.46
			Amps	13.0	13.2	13.6	14.1	13.9	14.2	14.6	15.1	15.0	15.3	15.8	16.3	15.9	16.3	16.7	17.3	16.8	17.2	17.7	18.4	17.7	18.1	18.7	19.4
1300		HiPR	232	250	264	275	260	280	296	309	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497	
		LoPR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	
		MBh	42.7	43.6	46.6	49.9	41.7	42.6	45.6	48.7	40.7	41.6	44.5	47.5	39.7	40.6	43.4	46.4	37.8	38.6	41.2	44.1	35.0	35.7	38.2	40.8	
1125		S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.89	0.73	0.54	
		ΔT	29	28	24	19	29	28	24	20	29	28	24	20	30	28	25	20	30	28	25	20	27	26	23	18	
		KW	3.06	3.13	3.22	3.33	3.30	3.37	3.47	3.59	3.50	3.58	3.70	3.82	3.69	3.77	3.89	4.02	3.84	3.93	4.06	4.19	3.98	4.06	4.20	4.34	
85		1475	Amps	12.6	12.9	13.3	13.7	13.6	13.8	14.2	14.7	14.6	14.9	15.4	15.9	15.5	15.8	16.3	16.9	16.4	16.8	17.3	17.9	17.3	17.7	18.2	18.9
			HiPR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	437	462	482
			LoPR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	148	158	132	141	154	164
	1300	MBh	48.5	49.4	51.8	55.2	47.4	48.3	50.6	54.0	46.2	47.1	49.4	52.7	45.1	46.0	48.2	51.4	42.9	43.7	45.8	48.8	39.7	40.5	42.4	45.2	
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
		ΔT	29	28	27	23	29	28	27	23	29	29	27	23	28	29	27	23	28	27	27	23	25	25	25	22	
	1125	KW	3.19	3.25	3.36	3.47	3.43	3.51	3.62	3.74	3.65	3.73	3.85	3.98	3.84	3.93	4.06	4.20	4.01	4.10	4.23	4.38	4.15	4.24	4.38	4.53	
		Amps	13.2	13.4	13.8	14.3	14.1	14.4	14.9	15.4	15.2	15.6	16.0	16.6	16.2	16.5	17.0	17.6	17.1	17.5	18.0	18.7	18.0	18.5	19.0	19.7	
		HiPR	237	255	269	280	266	286	302	315	302	325	343	358	344	370	391	408	387	416	440	459	428	460	486	507	
	85	1300	LoPR	111	118	129	138	118	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	162	172
			MBh	47.1	48.0	50.3	53.6	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9
			S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.81	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	0.90	0.73
1125		ΔT	30	30	28	24	30	30	28	24	30	30	28	25	31	30	29	25	29	30	28	24	27	28	26	23	
		KW	3.16	3.23	3.33	3.44	3.41	3.48	3.59	3.71	3.62	3.70	3.82	3.95	3.81	3.90	4.02	4.16	3.97	4.06	4.20	4.34	4.11	4.21	4.35	4.49	
		Amps	13.1	13.3	13.7	14.2	14.0	14.3	14.7	15.2	15.1	15.4	15.9	16.4	16.0	16.4	16.9	17.5	17.0	17.4	17.9	18.5	17.9	18.3	18.9	19.5	
85		HiPR	234	252	266	278	263	283	299	312	299	322	340	354	341	366	387	404	383	412	435	454	423	456	481	502	
		LoPR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	146	160	170	
		MBh	43.5	44.3	46.4	49.5	42.5	43.3	45.3	48.4	41.4	42.2	44.2	47.2	40.4	41.2	43.2	46.0	38.4	39.2	41.0	43.7	35.6	36.3	38.0	40.5	
85		S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71	
		ΔT	31	30	29	25	31	31	29	25	31	31	29	25	32	31	29	25	31	31	29	25	29	29	27	23	
		KW	3.09	3.15	3.25	3.35	3.32	3.39	3.50	3.62	3.53	3.61	3.73	3.85	3.72	3.80	3.92	4.05	3.87	3.96	4.09	4.23	4.01	4.10	4.23	4.38	
85	Amps	12.7	13.0	13.4	13.8	13.7	14.0	14.4	14.8	14.7	15.0	15.5	16.0	15.6	16.0	16.5	17.0	16.5	16.9	17.4	18.0	17.4	17.8	18.4	19.0		
	HiPR	227	245	258	269	255	274	290	302	290	312	330	344	330	355	375	392	372	400	422	440	411	442	467	487		
	LoPR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165		

IDB: Entering Indoor Dry Bulb Temperature
High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI conditions

Design Subcooling, 12° F @ liquid access fitting connection AHRI 95 test conditions; Superheat 12° F @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1560***41** — SINGLE STAGE

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1463	MBh	40.2	41.6	45.6	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	35.5	36.8	40.3	-	32.9	34.1	37.3	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
	kW	2.88	2.94	3.03	-	3.09	3.16	3.25	-	3.28	3.35	3.45	-	3.44	3.52	3.63	-	3.59	3.66	3.78	-	3.71	3.79	3.91	-	
	Amps	13.6	13.9	14.2	-	14.5	14.7	15.1	-	15.4	15.7	16.2	-	16.3	16.6	17.1	-	17.1	17.5	18.0	-	18.0	18.3	18.8	-	
	Hi PR	231	248	262	-	259	279	294	-	294	317	335	-	335	361	381	-	377	406	429	-	417	449	474	-	
	Lo PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-	
	MBh	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	34.5	35.7	39.1	-	31.9	33.1	36.3	-	
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-	
kW	2.86	2.92	3.00	-	3.07	3.13	3.23	-	3.25	3.32	3.43	-	3.42	3.49	3.60	-	3.56	3.63	3.75	-	3.68	3.76	3.88	-		
Amps	13.5	13.8	14.1	-	14.4	14.6	15.0	-	15.3	15.6	16.0	-	16.2	16.5	16.9	-	17.0	17.3	17.8	-	17.8	18.2	18.7	-		
Hi PR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	424	-	413	444	469	-		
Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-		
MBh	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	31.8	33.0	36.1	-	29.5	30.5	33.5	-		
S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-		
ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-		
kW	2.79	2.85	2.93	-	3.00	3.06	3.15	-	3.18	3.24	3.34	-	3.34	3.41	3.51	-	3.47	3.55	3.66	-	3.59	3.67	3.78	-		
Amps	13.2	13.5	13.8	-	14.1	14.3	14.7	-	15.0	15.3	15.7	-	15.8	16.1	16.5	-	16.6	17.0	17.4	-	17.4	17.8	18.3	-		
Hi PR	222	238	252	-	249	268	283	-	283	304	321	-	322	347	366	-	362	390	412	-	400	431	455	-		
Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-		

75	1463	MBh	40.9	42.1	45.5	48.9	39.9	41.1	44.5	47.7	39.0	40.1	43.4	46.6	38.0	39.1	42.4	45.5	36.1	37.2	40.2	43.2	33.4	34.4	37.3	40.0
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11	
	kW	2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.38	3.31	3.38	3.48	3.59	3.47	3.55	3.66	3.78	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07	
	Amps	13.7	14.0	14.3	14.7	14.6	14.8	15.2	15.7	15.6	15.9	16.3	16.8	16.4	16.7	17.2	17.7	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	
	Hi PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	
	MBh	39.7	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.2	45.2	36.9	38.0	41.1	44.1	35.1	36.1	39.1	41.9	32.5	33.4	36.2	38.8	
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
	ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12	
kW	2.88	2.94	3.03	3.12	3.09	3.16	3.25	3.36	3.28	3.35	3.45	3.57	3.45	3.52	3.63	3.75	3.59	3.66	3.78	3.91	3.71	3.79	3.91	4.04		
Amps	13.6	13.9	14.2	14.6	14.5	14.7	15.1	15.6	15.4	15.7	16.2	16.6	16.3	16.6	17.1	17.6	17.1	17.5	18.0	18.5	18.0	18.3	18.8	19.4		
Hi PR	231	248	262	274	259	279	294	307	294	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494		
Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	139	147	161	171		
MBh	36.6	37.7	40.8	43.8	35.8	36.8	39.9	42.8	34.9	35.9	38.9	41.8	34.1	35.1	38.0	40.7	32.4	33.3	36.1	38.7	30.0	30.9	33.4	35.8		
S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40		
ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	22	21	17	12		
kW	2.81	2.87	2.96	3.05	3.02	3.08	3.18	3.28	3.20	3.27	3.37	3.48	3.36	3.43	3.54	3.66	3.50	3.57	3.69	3.81	3.62	3.70	3.81	3.94		
Amps	13.3	13.6	13.9	14.3	14.2	14.4	14.8	15.2	15.1	15.4	15.8	16.3	15.9	16.2	16.7	17.2	16.7	17.1	17.5	18.1	17.6	17.9	18.4	19.0		
Hi PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	404	435	460	479		
Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHRI 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1560***41** — SINGLE STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1463	MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.3	38.7	39.5	42.2	45.1	36.7	37.6	40.1	42.9	34.0	34.8	37.2	39.7
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
	ΔT	25	24	21	17	26	24	21	17	25	24	21	17	24	25	21	17	23	24	21	17	21	22	20	16	
	kW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	
	Amps	13.8	14.1	14.4	14.8	14.7	14.9	15.3	15.8	15.7	16.0	16.4	16.9	16.5	16.9	17.3	17.9	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8	
	Hi PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504	
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175	
	MBh	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6	
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	
	ΔT	26	25	22	17	27	25	22	18	27	25	22	18	27	26	22	18	25	25	22	18	23	24	21	16	
kW	2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.38	3.31	3.38	3.48	3.59	3.47	3.55	3.66	3.78	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07		
Amps	13.7	14.0	14.3	14.7	14.6	14.8	15.2	15.7	15.6	15.9	16.3	16.8	16.4	16.7	17.2	17.7	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6		
Hi PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499		
Lo PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173		
MBh	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.5	34.7	35.4	37.8	40.5	32.9	33.6	36.0	38.4	30.5	31.2	33.3	35.6		
S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58		
ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	22	18	27	26	22	18	25	24	21	17		
kW	2.84	2.89	2.98	3.07	3.04	3.11	3.20	3.30	3.23	3.30	3.40	3.51	3.39	3.46	3.57	3.69	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.97		
Amps	13.4	13.7	14.0	14.4	14.3	14.5	14.9	15.3	15.2	15.5	15.9	16.4	16.0	16.4	16.8	17.3	16.9	17.2	17.7	18.2	17.7	18.1	18.6	19.1		
Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	373	390	370	398	420	438	408	440	464	484		
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168		

85	1463	MBh	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.1	45.9	39.4	40.1	42.0	44.8	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
	ΔT	27	26	25	22	26	26	25	22	25	26	25	22	25	25	26	22	24	24	25	22	22	22	23	20	
	kW	2.95	3.01	3.10	3.19	3.17	3.23	3.33	3.44	3.36	3.43	3.54	3.65	3.53	3.61	3.72	3.84	3.67	3.75	3.88	4.00	3.80	3.88	4.01	4.14	
	Amps	13.9	14.2	14.5	14.9	14.8	15.1	15.4	15.9	15.8	16.1	16.5	17.0	16.7	17.0	17.5	18.0	17.5	17.9	18.4	19.0	18.4	18.8	19.3	19.9	
	Hi PR	238	256	270	282	267	287	303	316	303	327	345	360	346	372	393	410	389	418	442	461	430	462	488	509	
	Lo PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
	MBh	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.2	39.9	41.8	44.6	38.2	39.0	40.8	43.5	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3	
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	
	ΔT	28	28	26	23	28	28	26	23	28	28	26	23	27	28	27	23	26	26	26	23	24	24	24	21	
kW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11		
Amps	13.8	14.1	14.4	14.8	14.7	14.9	15.3	15.8	15.7	16.0	16.4	16.9	16.5	16.9	17.3	17.9	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8		
Hi PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504		
Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175		
MBh	37.9	38.6	40.5	43.2	37.0	37.7	39.5	42.2	36.2	36.9	38.6	41.2	35.3	36.0	37.7	40.2	33.5	34.2	35.8	38.2	31.0	31.6	33.1	35.4		
S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75		
ΔT	28	28	26	23	29	28	27	23	29	29	28	24	29	29	27	23	27	28	27	23	25	26	25	22		
kW	2.86	2.91	3.00	3.10	3.07	3.13	3.23	3.33	3.25	3.32	3.43	3.54	3.42	3.49	3.60	3.72	3.56	3.63	3.75	3.87	3.68	3.76	3.88	4.01		
Amps	13.5	13.8	14.1	14.5	14.4	14.6	15.0	15.4	15.3	15.6	16.0	16.5	16.2	16.5	16.9	17.4	17.0	17.3	17.8	18.4	17.8	18.2	18.7	19.3		
Hi PR	228	246	260	271	256	276	291	304	291	314	331	345	332	357	377	393	373	402	424	443	413	444	469	489		
Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHRI 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1560***41** — Two Stage

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	2036	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-	
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
	1810	KW	4.41	4.50	4.64	-	4.73	4.83	4.98	-	5.02	5.12	5.28	-	5.27	5.38	5.55	-	5.48	5.60	5.77	-	5.66	5.78	5.97	-	
		Amps	21.5	21.8	22.4	-	22.7	23.1	23.7	-	24.2	24.6	25.3	-	25.4	25.9	26.6	-	26.7	27.2	27.9	-	28.0	28.5	29.3	-	
		Hi PR	256	276	291	-	288	310	327	-	327	352	372	-	373	401	424	-	419	451	477	-	463	499	527	-	
	1584	Lo PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	
		MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-	
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	75	2036	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
			KW	4.38	4.47	4.60	-	4.70	4.79	4.94	-	4.98	5.08	5.24	-	5.23	5.34	5.50	-	5.44	5.55	5.73	-	5.62	5.74	5.92	-
			Amps	21.3	21.7	22.2	-	22.6	23.0	23.5	-	24.0	24.5	25.1	-	25.3	25.7	26.4	-	26.5	27.0	27.7	-	27.8	28.3	29.1	-
1810		Hi PR	254	273	289	-	285	307	324	-	324	349	368	-	369	397	419	-	415	447	472	-	459	494	521	-	
		Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	
		MBh	49.6	51.4	56.3	-	48.5	50.2	55.0	-	47.3	49.0	53.7	-	46.2	47.8	52.4	-	43.8	45.4	49.8	-	40.6	42.1	46.1	-	
1584		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
		ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	
		KW	4.28	4.37	4.50	-	4.59	4.68	4.82	-	4.86	4.96	5.11	-	5.10	5.21	5.37	-	5.31	5.42	5.59	-	5.48	5.60	5.78	-	
75		2036	Amps	20.9	21.3	21.8	-	22.1	22.5	23.1	-	23.5	24.0	24.6	-	24.7	25.2	25.8	-	25.9	26.4	27.1	-	27.1	27.7	28.4	-
			Hi PR	246	265	280	-	276	297	314	-	314	338	357	-	358	385	407	-	403	433	458	-	445	479	506	-
			Lo PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-
	1810	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1	
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	
		ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	
	1584	KW	4.45	4.54	4.67	4.81	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.31	5.42	5.59	5.77	5.52	5.64	5.82	6.01	5.71	5.83	6.02	6.21	
		Amps	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	25.6	26.1	26.8	27.6	26.9	27.4	28.2	29.0	28.2	28.7	29.5	30.4	
		Hi PR	259	279	294	307	291	313	330	345	331	356	376	392	377	405	428	446	424	456	481	502	468	504	532	555	
	75	Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
		MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5	
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
1810	ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11		
	KW	4.41	4.50	4.64	4.78	4.73	4.83	4.98	5.13	5.02	5.12	5.28	5.45	5.27	5.38	5.55	5.72	5.48	5.60	5.77	5.96	5.66	5.78	5.97	6.16		
	Amps	21.5	21.8	22.4	23.0	22.7	23.1	23.7	24.4	24.2	24.6	25.3	26.0	25.5	25.9	26.6	27.4	26.7	27.2	28.0	28.8	28.0	28.5	29.3	30.2		
1584	Hi PR	257	276	292	304	288	310	327	341	327	352	372	388	373	401	424	442	419	451	477	497	463	499	527	549		
	Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166		
	MBh	50.5	51.9	56.2	60.3	49.3	50.7	54.9	58.9	48.1	49.5	53.6	57.5	46.9	48.3	52.3	56.1	44.6	45.9	49.7	53.3	41.3	42.5	46.0	49.4		
1584	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40		
	ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	12		
	KW	4.32	4.40	4.53	4.67	4.63	4.72	4.86	5.01	4.90	5.00	5.16	5.32	5.14	5.25	5.41	5.59	5.35	5.46	5.63	5.81	5.53	5.64	5.82	6.01		
1584	Amps	21.0	21.4	21.9	22.5	22.3	22.7	23.2	23.9	23.7	24.1	24.7	25.4	24.9	25.4	26.0	26.8	26.1	26.6	27.3	28.2	27.3	27.9	28.6	29.5		
	Hi PR	249	268	283	295	279	300	317	331	318	342	361	376	362	389	411	429	407	438	462	482	450	484	511	533		
	Lo PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161		

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHR1 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

EXPANDED COOLING DATA — GPG1560***41** — TWO STAGE (CONT.)

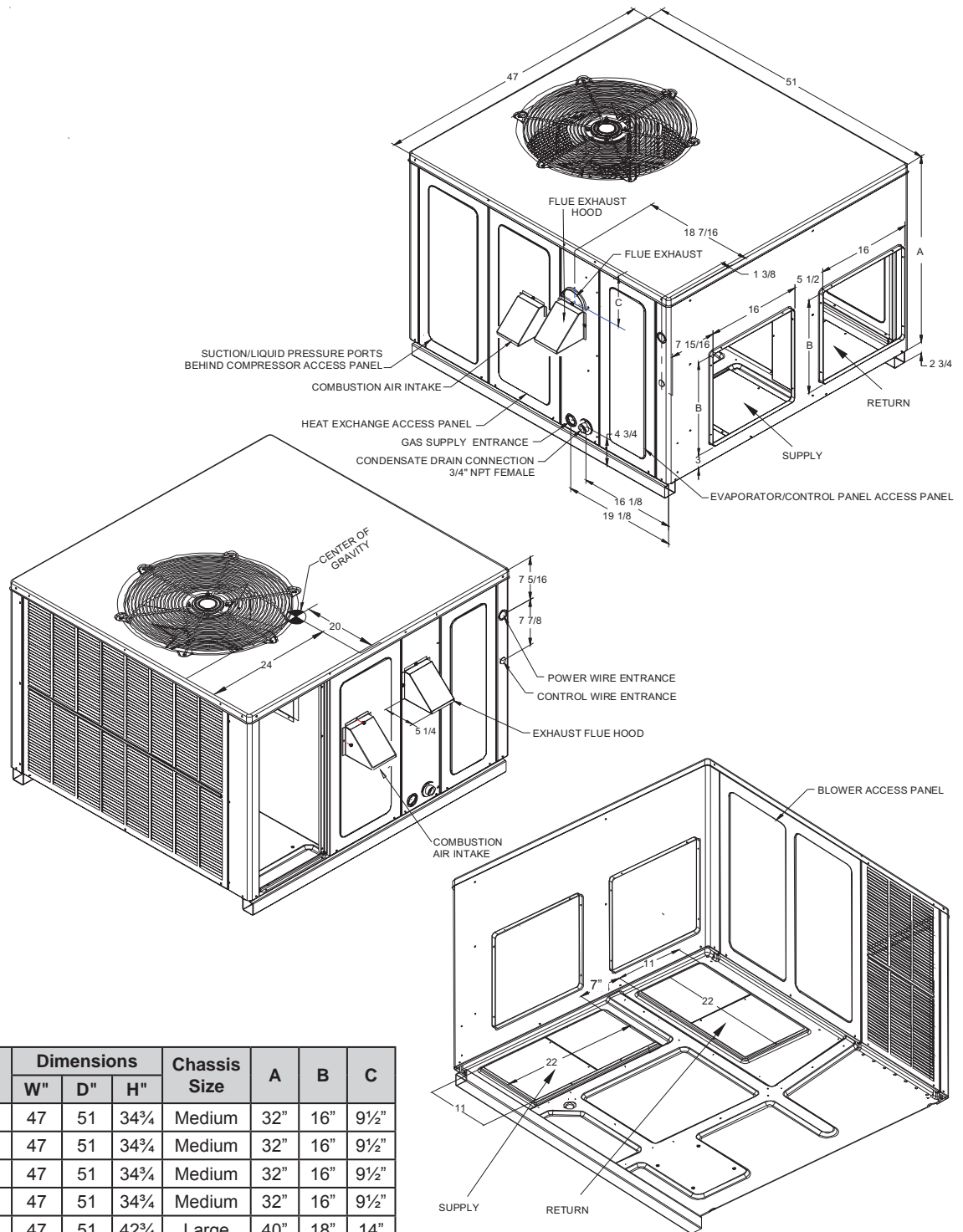
IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	2036	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7	
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	
		ΔT	25	24	21	17	25	24	21	17	24	25	21	17	24	25	21	17	21	22	20	16	21	22	20	16	
	1810	kW	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06	5.75	5.88	6.07	6.27	
		Amps	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2	28.4	28.9	29.7	30.6	
		Hi/PR	262	282	297	310	294	316	334	348	334	359	380	396	380	409	432	451	428	461	486	507	473	509	537	560	
	1584	Lo/PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	
		MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2	
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	
	85	2036	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	26	25	22	18	25	25	22	17	23	23	20	16
			kW	4.45	4.54	4.67	4.82	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.31	5.42	5.59	5.77	5.52	5.64	5.82	6.01	5.71	5.83	6.02	6.21
			Amps	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	25.6	26.1	26.8	27.6	26.9	27.4	28.2	29.0	28.2	28.7	29.5	30.4
1584		Hi/PR	259	279	294	307	291	313	330	345	331	356	376	392	377	405	428	446	424	456	482	502	468	504	532	555	
		Lo/PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
		MBh	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1	
85		2036	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58
			ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	17
			kW	4.35	4.43	4.57	4.70	4.66	4.76	4.90	5.05	4.94	5.04	5.20	5.36	5.18	5.29	5.46	5.63	5.39	5.51	5.68	5.86	5.57	5.69	5.87	6.06
		1584	Amps	21.2	21.5	22.1	22.7	22.4	22.8	23.4	24.0	23.9	24.3	24.9	25.6	25.1	25.6	26.2	27.0	26.3	26.8	27.5	28.4	27.5	28.1	28.8	29.7
			Hi/PR	251	270	286	298	282	304	321	334	321	345	365	380	365	393	415	433	411	442	467	487	454	489	516	538
			Lo/PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162
	85	2036	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4
			S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.96	0.81	1.00	1.00	0.96	0.82
			ΔT	26	26	25	21	26	26	25	22	25	26	25	22	24	25	25	22	23	24	25	22	22	22	23	20
		1584	kW	4.52	4.61	4.74	4.89	4.85	4.94	5.10	5.26	5.14	5.24	5.41	5.58	5.39	5.51	5.68	5.87	5.61	5.73	5.92	6.11	5.80	5.93	6.12	6.32
			Amps	21.9	22.3	22.8	23.4	23.2	23.6	24.2	24.9	24.7	25.2	25.8	26.6	26.0	26.5	27.2	28.0	27.3	27.8	28.6	29.4	28.6	29.2	29.9	30.9
			Hi/PR	264	284	300	313	297	319	337	352	337	363	383	400	384	413	437	455	432	465	491	512	478	514	543	566
85		2036	Lo/PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171
			MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8
			S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		1584	ΔT	28	27	26	22	28	28	26	23	27	28	26	23	27	27	26	23	25	26	26	22	24	24	24	21
			kW	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06	5.75	5.88	6.07	6.27
			Amps	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2	28.4	28.9	29.7	30.6
	85	2036	Hi/PR	262	282	297	310	294	316	334	348	334	359	380	396	380	409	432	451	428	461	486	507	473	509	537	560
			Lo/PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
			MBh	52.2	53.3	55.8	59.5	51.0	52.0	54.5	58.1	49.8	50.8	53.2	56.7	48.6	49.5	51.9	55.4	46.2	47.1	49.3	52.6	42.8	43.6	45.7	48.7
		1584	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
			ΔT	28	28	26	23	29	28	27	23	28	28	27	23	28	28	27	23	27	27	26	23	25	25	25	21
			kW	4.38	4.47	4.60	4.74	4.70	4.79	4.94	5.09	4.98	5.08	5.24	5.40	5.22	5.33	5.50	5.68	5.43	5.55	5.73	5.91	5.62	5.74	5.92	6.11
85		2036	Amps	21.3	21.7	22.2	22.8	22.6	23.0	23.5	24.2	24.0	24.5	25.1	25.8	25.3	25.7	26.4	27.2	26.5	27.0	27.7	28.6	27.7	28.3	29.0	29.9
			Hi/PR	254	273	288	301	285	307	324	338	324	349	368	384	369	397	419	437	415	447	472	492	459	494	521	544
			Lo/PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164

IDB: Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions

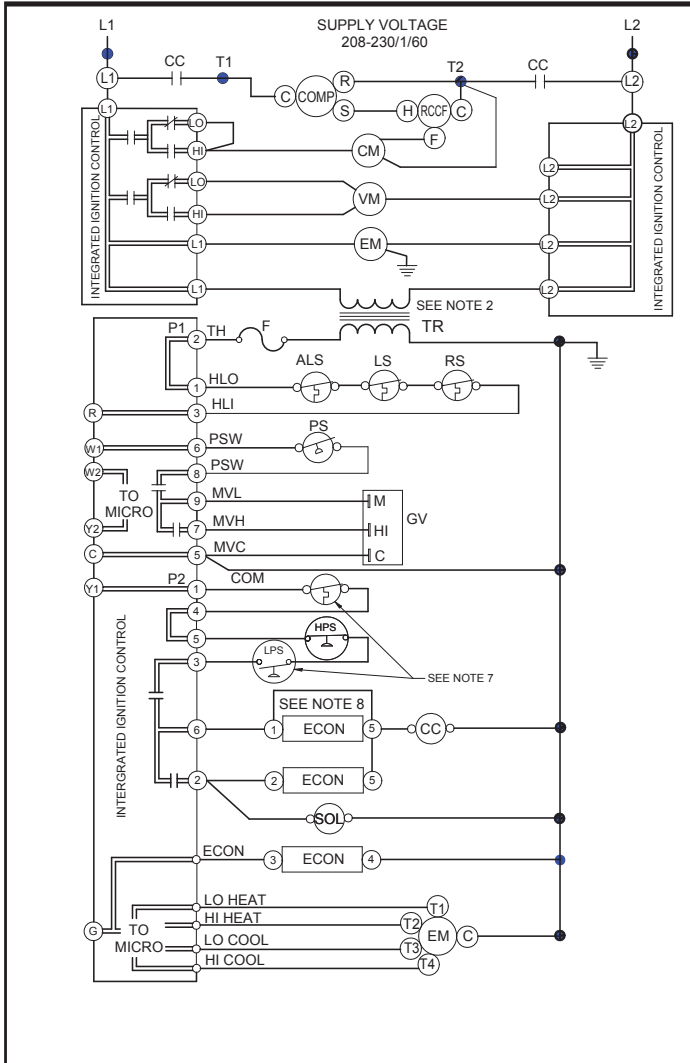
Design Subcooling, 15°F ± 3 @ liquid access fitting connection AHRI 95 test conditions; Superheat 9°F ± 3 @ compressor suction access fitting connection.

DIMENSIONS



Model	Dimensions			Chassis Size	A	B	C
	W"	D"	H"				
GPG152407041A*	47	51	34 3/4	Medium	32"	16"	9 1/2"
GPG153009041A*	47	51	34 3/4	Medium	32"	16"	9 1/2"
GPG153609041A*	47	51	34 3/4	Medium	32"	16"	9 1/2"
GPG153709041A*	47	51	34 3/4	Medium	32"	16"	9 1/2"
GPG154211541A*	47	51	42 3/4	Large	40"	18"	14"
GPG154811541A*	47	51	42 3/4	Large	40"	18"	14"
GPG154911541A*	47	51	42 3/4	Large	40"	18"	14"
GPG156014041A*	47	51	42 3/4	Large	40"	18"	14"

WIRING DIAGRAMS (CONT.)



COMPONENT LEGEND

- ALS AUXILIARY LIMIT SWITCH
- COMP COMPRESSOR
- CM CONDENSER MOTOR
- CC CONTACTOR
- ECON ECONOMIZER
- EM EVAPORATOR MOTOR
- F FUSE
- FS FLAME SENSOR
- GND EQUIPMENT GROUND
- GV GAS VALVE
- IIC INTEGRATED IGNITION CONTROL
- IGN IGNITOR
- LS LIMIT SWITCH
- PS PRESSURE SWITCH
- RCCF RUN CAPACITOR FOR COMPRESSOR/FAN
- RS ROLLOUT SWITCH
- SOL SOLENOID (2ND STAGE COOL)
- TR TRANSFORMER
- VM VENT MOTOR

FACTORY WIRING

- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

FIELD WIRING

- HIGH VOLTAGE
- - - LOW VOLTAGE

WIRE CODE

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

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL.(USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
3. USE COPPER CONDUCTORS ONLY.
4. FOR 208V OPERATION, REMOVE BLUE LEAD FROM INDUCER LOW TERMINAL. MOVE BLACK LEAD FROM PARK TERMINAL ONTO INDUCER LOW TERMINAL. PLACE BLUE LEAD ON PARK TERMINAL.
5. USE NEC CLASS 2 WIRE FOR THERMOSTAT FIELD WIRING.
6. COMPRESSOR 2ND STAGE SOLENOID NOT PRESENT ON ALL MODELS.
7. OPTIONAL REFRIGERANT SWITCHES
8. FOR ECONOMIZER, REMOVE PLUG FROM ECONOMIZER HARNESS. CONNECT PLUG FROM ECONOMIZER TO HARNESS.

DIAGNOSTIC LED - RED	STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE(S) REPLACE CONTROL
1 FLASH	IGNITION FAILURE	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR
2 FLASHES	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH CHECK TUBING CHECK VENT MOTOR
3 FLASHES	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH CHECK WIRING FOR SHORTS
4 FLASHES	OPEN LIMIT SWITCH	CHECK MAIN LIMIT SWITCH CHECK AUXILIARY LIMIT SW. CHECK ROLLOUT LIMIT SW.
5 FLASHES	FALSE FLAME DETECTED	CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING
6 FLASHES	COMPR. SHORT CYCLE DELAY	3 MIN COMP. SHORT CYCLE DELAY

DIAGNOSTIC LED - RED	STATUS	CHECK
7 FLASHES	LIMIT OPEN 5 TIMES IN SAME CALL FOR HEAT	CHECK MAIN LIMIT SWITCH CHECK AUXILIARY LIMIT SW.
8 FLASHES	IDT/ODT OPEN	CHECK JUMPER BETWEEN 1 AND 4 ON 6-CIRCUIT CONNECTOR CHECK OPTIONAL REFRIGERANT SWITCHES
9 FLASHES	PSW/LOC OPEN	CHECK REFRIGERANT SWITCHES FOR LOSS OF CHARGE OR HIGH HEAD PRESSURE

DIAGNOSTIC LED - AMBER	STATUS	CHECK
OFF	NO FLAME PRESENT	-
ON	NORMAL FLAME PRESENT	-
1 FLASH	LOW FLAME SIGNAL	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR
2 FLASHES	FALSE FLAME DETECTED	CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING

0140G00533 REV A

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

ACCESSORIES

Description	Part Numbers		
	Small Chassis	Medium Chassis	Large Chassis
Concentric Converter	CDK1-2	CDK1-2	CDK3
Horizontal Duct Cover	---	20464501PDGK	20464502PDGK
Downflow Economizer	PGED101	PGED102	PGED103
Horizontal Economizer	PGEH101	PGEH102	PGEH103
Filter Rack	PGFR101	PGFR102	PGFR103
Downflow Manual Damper	PGMDD101	PGMDD102	PGMDD103
Downflow Motorized Damper	PGMDMD101	PGMDMD102	PGMDMD103
Horizontal Manual Damper	PGMDH101	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH101	PGMDMH102	PGMDMH103
Roof Curb	PGC101	PGC102	PGC103
Downflow Square-to-Round	SQRPG101	SQRPG102	SQRPG103
Horizontal Square-to-Round	SQRPGH101	SQRPGH102	SQRPGH103
The above accessories are offered by McDaniel Metals • Main: (281) 987-8400 • Fax: (281) 987-9494			
LPM-05	L.P. Conversion Kit		

PRODUCT SPECIFICATIONS

NOTES

