

**PACKAGED GAS/ELECTRIC
UP TO 15.2 SEER2 / 81% AFUE
2 TO 5 TONS**



5 Tons



2 - 4 Tons



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■ Standard Features

- Heavy-duty stainless-steel heat exchanger
- High-efficiency two-stage scroll compressor with factory-installed sound blanket
- Variable -speed ECM indoor blower motor
- Copper tube/aluminum fin evaporator coil (5 Ton)
- All-aluminum evaporator coil (2-4 Ton)
- Two-stage gas valve; natural gas with easy conversion to propane
- Power-assisted combustion
- All blower operation and all safety circuits complete with self-diagnostics
- High and low-pressure switch protection
- Direct-spark ignition system with microprocessor-based control for the entire ignition sequence
- This furnace does not comply with the SCAQMD Rule 1111 nor the SJVAPCD Rule 4905 14 ng/J NOx emission limit and therefore is not eligible for installation in California's South Coast Air Quality Management District (SCAQMD) nor the San Joaquin Valley Air Pollution Control District (SJVAPCD).
- All models comply with California Low NOx standards.
- AHRI Certified; ETL Listed

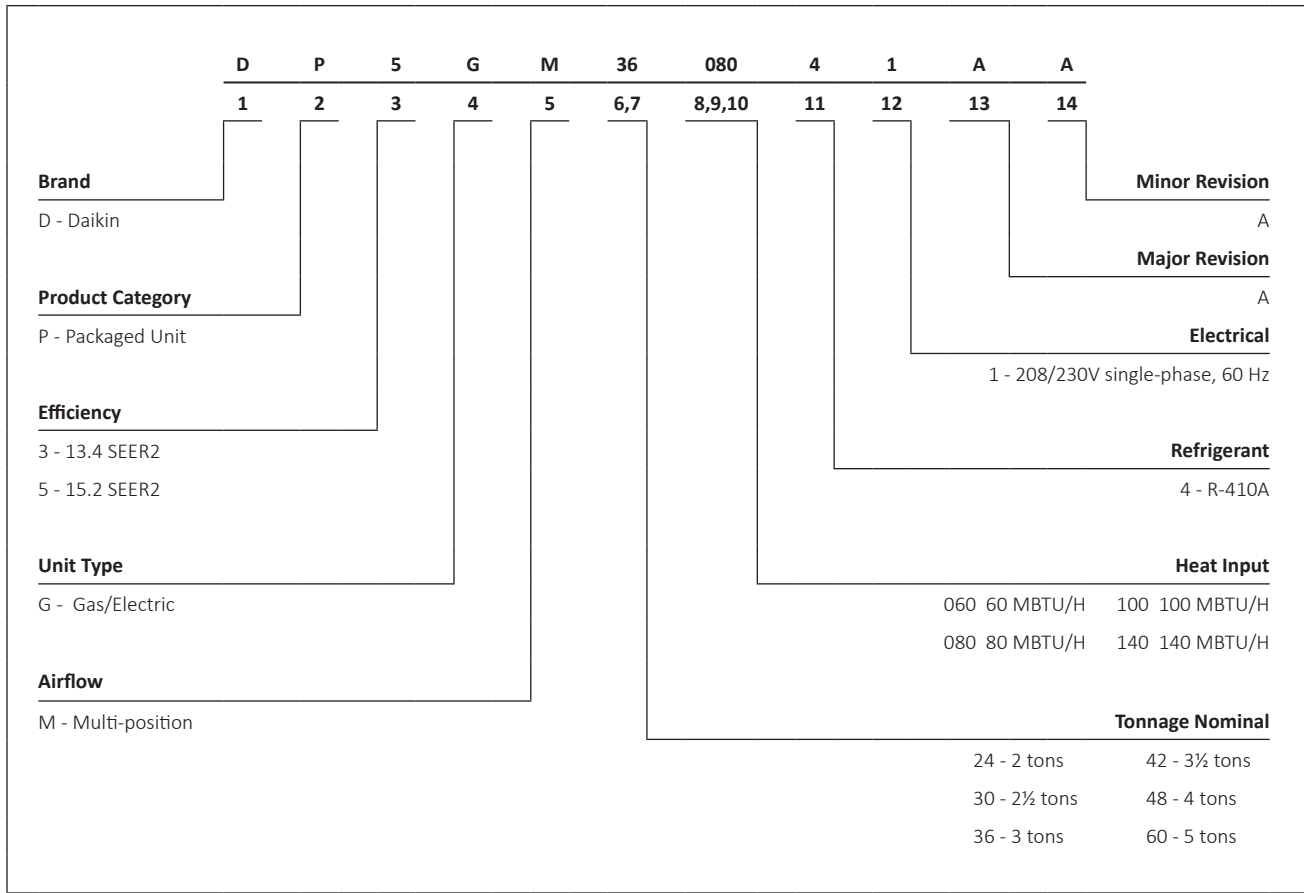
■ Cabinet Features

- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant grey powder-paint finish (Sandstone Beige for the 5-ton model)
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Louvered condenser coil protection
- Compressor sound blanket
- Compressor grommets for vibration isolation
- Horizontal or downflow application
- Convenient access panels
- Bottom 2" high base rails for easier handling
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), the 6-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Québec. The duration of warranty coverages in Texas differs in some cases.

NOMENCLATURE



	DP5GM24 06041AA	DP5GM30 08041AA	DP5GM36 08041AA	DP5GM42 10041AA	DP5GM48 10041AA	DP5GM60 14041AA
COOLING CAPACITY						
Total BTU/h	23,000	29,000	35,000	41,000	46,000	58,000
Sensible BTU/h	19,100	22,500	28,700	31,000	34,500	42,600
SEER2 / EER2	15.2 / 11.2	14.6 / 11.2	15.2 / 11.2	14.7 / 11.2	15.0 / 11.2	15.2 / 11.2
Decibels	77	76	78	79	78	78
AHRI Reference #s	209319555	209319558	209319562	209319566	209319569	209319572
HEATING CAPACITY (BTU/H)						
High-Fire Input / Output	60,000 / 48,600	80,000 / 64,800	80,000 / 64,800	100,000 / 81,000	100,000 / 81,000	135,000 / 109,350
Low-Fire Input / Output	45,000 / 36,450	60,000 / 48,600	60,000 / 48,600	75,000 / 60,750	75,000 / 60,750	101,250 / 82,000
AFUE	81	81	81	81	81	81
High/Low Temperature Rise Range	25-55/25-55	35 - 65/25-55	35 - 65/35-65	35 - 65/35-65	35 - 65/35-65	35-65/25-55
No. of Burners	3	4	4	5	5	6
EVAPORATOR MOTOR						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10" x 8"	10" x 9"	11" x 10"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	800	950	1,200	1,250	1,300	2,000
No. of Speeds	Variable	Variable	Variable	Variable	Variable	5
Horsepower	1/2	1/2	3/4	3/4	3/4	1
EVAPORATOR COIL						
FACE AREA (FT ²)	4.3	4.3	5.7	5.7	5.7	9.2
Rows Deep/Fins per Inch	3 / 14	3 / 14	4 / 14	4 / 14	4 / 14	4 / 16
Piston Size (Cooling)	TXV	TXV	TXV	TXV	TXV	TXV
Filter Size (ft ²)	(1)20X20X1	(1)20X25X1	(1)25X25X1	(2)20X20X1	(2)20X20X1	(1)14X20X2 (2)20X20X2
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	70	64	114	143	100	150
CONDENSER FAN / COIL						
HORSEPOWER - RPM	1/6 - 810	1/4 - 830	1/4 - 1075	1/4 - 1,075	1/4 - 1,075	1/3 - 1,000
Diameter / # of Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	2,200	2,200	3,100	3,200	3,100	4,200
Face Area (ft ²)	12.3	8.7	14.4	14.9	14.4	19
Rows Deep/Fins per Inch	1 / 24	2 / 27	2 / 27	2 / 16	2 / 27	2 / 28
Compressor						
QUANTITY / TYPE / STAGE	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA/LRA	10.9/62.9	13.1 / 73.0	14.1 / 84.2	19.9 / 150.7	20.4 / 122.1	27 / 139.9
ELECTRICAL DATA						
Voltage-Phase (Frequency 60Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA/LRA	3.8	4.3	6.8	6.8	6.8	6.9
Outdoor Fan FLA/LRA	0.95 / 2.0	1.3 / 3.0	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2	2.8 / 4.4
Min. Circuit Ampacity ¹	18.4	22.0	25.8	33.1	33.7	43.3
Max. Overcurrent Protection ²	25 amps	35 amps	35 amps	50 amps	50 amps	70amps
OPERATING / SHIP WEIGHTS (LBS)						
	370 / 380	397 / 407	470 / 480	495 / 505	490 / 500	630 / 655
ENERGY STAR® CERTIFIED						
	NO	NO	NO	NO	NO	NO

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

² Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

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

EXPANDED COOLING DATA — DP5GM24***41 STAGE 1

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB 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	490	MBh	16.8	17.1	17.6	-	16.7	16.9	17.4	-	16.2	16.5	17.0	-	15.5	15.7	16.2	-	14.6	14.8	15.3	-	13.7	13.9	14.5	-	
		S/T	0.66	0.58	0.43	-	0.67	0.59	0.44	-	1.00	0.61	0.47	-	1.00	0.64	0.49	-	1.00	0.66	0.51	-	1.00	1.00	0.57	-	
		ΔT	19.47	17.67	14.31	-	19.42	17.62	14.26	-	19.67	17.87	14.51	-	19.40	17.60	14.24	-	19.16	17.36	14.00	-	20.29	18.49	15.13	-	
	560	KW	0.92	0.92	0.92	-	1.04	1.03	1.03	-	1.16	1.16	1.16	-	1.30	1.30	1.30	-	1.45	1.45	1.45	-	1.63	1.63	1.63	-	
		Amps	3.50	3.50	3.49	-	4.00	3.99	3.98	-	4.55	4.54	4.53	-	5.14	5.14	5.13	-	5.81	5.80	5.80	-	6.59	6.58	6.58	-	
		Hi PR	242	243	245	-	280	281	283	-	320	321	323	-	363	364	366	-	410	411	413	-	459	460	462	-	
	630	Lo PR	131	133	136	-	139	141	144	-	146	148	151	-	152	154	157	-	158	159	163	-	165	167	170	-	
		MBh	17.0	17.3	17.8	-	16.9	17.1	17.6	-	16.5	16.7	17.2	-	15.7	15.9	16.4	-	14.8	15.0	15.5	-	13.9	14.2	14.7	-	
		S/T	0.73	0.65	0.50	-	0.74	0.65	0.50	-	1.00	0.68	0.53	-	1.00	0.70	0.55	-	1.00	0.73	0.58	-	1.00	1.00	0.63	-	
	75	490	ΔT	18.38	16.58	13.22	-	18.33	16.53	13.17	-	18.58	16.78	13.42	-	18.31	16.51	13.15	-	18.07	16.27	12.91	-	19.20	17.40	14.04	-
			KW	0.93	0.93	0.92	-	1.04	1.04	1.04	-	1.17	1.17	1.17	-	1.30	1.30	1.30	-	1.46	1.46	1.46	-	1.64	1.64	1.63	-
			Amps	3.53	3.52	3.52	-	4.02	4.02	4.01	-	4.57	4.57	4.56	-	5.17	5.16	5.16	-	5.83	5.83	5.82	-	6.61	6.61	6.60	-
560		Hi PR	244	245	247	-	282	283	285	-	322	323	325	-	365	366	368	-	412	413	415	-	461	463	464	-	
		Lo PR	133	135	138	-	141	143	146	-	148	150	153	-	154	156	159	-	160	161	165	-	167	169	172	-	
		MBh	17.3	17.5	18.1	-	17.2	17.4	17.9	-	16.7	17.0	17.5	-	16.0	16.2	16.7	-	15.0	15.3	15.8	-	14.2	14.4	14.9	-	
630		S/T	0.77	0.68	0.53	-	1.00	0.69	0.54	-	1.00	0.72	0.57	-	1.00	0.74	0.59	-	1.00	1.00	0.61	-	1.00	1.00	0.67	-	
		ΔT	17.47	15.66	12.30	-	17.42	15.62	12.25	-	17.67	15.87	12.51	-	17.40	15.60	12.24	-	17.16	15.36	11.99	-	18.28	16.48	13.12	-	
		KW	0.93	0.93	0.93	-	1.05	1.05	1.04	-	1.17	1.17	1.17	-	1.31	1.31	1.31	-	1.46	1.46	1.46	-	1.64	1.64	1.64	-	
490		Amps	3.55	3.55	3.54	-	4.04	4.04	4.03	-	4.59	4.59	4.58	-	5.19	5.19	5.18	-	5.85	5.85	5.84	-	6.64	6.63	6.62	-	
		Hi PR	246	247	249	-	284	285	287	-	324	325	327	-	367	368	370	-	414	415	417	-	463	465	466	-	
		Lo PR	135	137	140	-	143	145	148	-	150	152	155	-	156	158	161	-	162	164	167	-	169	171	174	-	
75	490	MBh	16.8	17.1	17.6	18.3	16.7	16.9	17.4	18.2	16.2	16.5	17.0	17.8	15.5	15.7	16.2	17.0	14.6	14.8	15.3	16.1	13.7	14.0	14.5	15.2	
		S/T	0.81	0.72	0.57	0.42	1.00	0.73	0.58	0.42	1.00	0.76	0.61	0.45	1.00	0.78	0.63	0.47	1.00	1.00	0.65	0.50	1.00	1.00	0.71	0.55	
		ΔT	23.43	21.63	18.26	14.78	23.38	21.58	18.22	14.73	23.63	21.83	18.47	14.99	23.36	21.56	18.20	14.71	23.12	21.32	17.96	14.47	24.25	22.45	19.08	15.60	
	560	KW	0.92	0.92	0.92	0.93	1.03	1.03	1.03	1.04	1.16	1.16	1.16	1.17	1.30	1.30	1.30	1.30	1.45	1.45	1.45	1.46	1.63	1.63	1.63	1.64	
		Amps	3.50	3.50	3.49	3.52	3.99	3.99	3.98	4.02	4.54	4.54	4.53	4.57	5.14	5.13	5.13	5.16	5.80	5.80	5.79	5.83	6.59	6.58	6.57	6.61	
		Hi PR	242	243	245	249	280	282	283	287	320	322	323	327	364	365	366	371	410	411	413	417	460	461	462	467	
	630	Lo PR	131	133	136	142	139	141	144	150	146	148	151	157	152	154	157	163	158	160	163	168	165	167	170	176	
		MBh	17.1	17.3	17.8	18.6	16.9	17.1	17.6	18.4	16.5	16.7	17.2	18.0	15.7	15.9	16.4	17.2	14.8	15.0	15.5	16.3	13.9	14.2	14.7	15.5	
		S/T	0.87	0.79	0.64	0.48	1.00	0.79	0.65	0.49	1.00	0.82	0.67	0.52	1.00	1.00	0.69	0.54	1.00	1.00	0.72	0.56	1.00	1.00	0.78	0.62	
	490	ΔT	22.34	20.54	17.18	13.69	22.29	20.49	17.13	13.65	22.54	20.74	17.38	13.90	22.27	20.47	17.11	13.63	22.03	20.23	16.87	13.39	23.16	21.36	18.00	14.51	
		KW	0.93	0.93	0.92	0.93	1.04	1.04	1.04	1.05	1.17	1.17	1.16	1.17	1.30	1.30	1.30	1.31	1.46	1.46	1.45	1.46	1.64	1.64	1.63	1.64	
		Amps	3.52	3.52	3.51	3.55	4.02	4.01	4.01	4.04	4.57	4.56	4.56	4.59	5.16	5.15	5.15	5.19	5.83	5.83	5.82	5.86	6.61	6.61	6.60	6.64	
560	Hi PR	244	245	247	251	283	284	285	290	323	324	325	330	366	367	368	373	412	413	415	419	462	463	464	469		
	Lo PR	133	135	138	144	141	143	146	152	148	150	153	159	154	156	159	165	160	161	165	170	167	169	172	178		
	MBh	17.3	17.6	18.1	18.8	17.2	17.4	17.9	18.7	16.7	17.0	17.5	18.2	16.0	16.2	16.7	17.5	15.1	15.3	15.8	16.6	14.2	14.4	14.9	15.7		
630	S/T	1.00	0.82	0.68	0.52	1.00	0.83	0.68	0.53	1.00	0.86	0.71	0.55	1.00	1.00	0.73	0.58	1.00	1.00	0.76	0.60	1.00	1.00	0.81	0.66		
	ΔT	21.42	19.62	16.26	12.78	21.37	19.57	16.21	12.73	21.63	19.83	16.47	12.98	21.36	19.56	16.19	12.71	21.12	19.31	15.95	12.47	22.24	20.44	17.08	13.60		
	KW	0.93	0.93	0.93	0.94	1.05	1.04	1.04	1.05	1.17	1.17	1.17	1.18	1.31	1.31	1.31	1.31	1.46	1.46	1.46	1.47	1.64	1.64	1.64	1.65		
490	Amps	3.55	3.54	3.53	3.57	4.04	4.04	4.03	4.06	4.59	4.59	4.58	4.62	5.19	5.18	5.17	5.21	5.85	5.85	5.84	5.88	6.63	6.63	6.62	6.66		
	Hi PR	246	247	249	253	285	286	287	291	325	326	327	332	368	369	370	375	414	415	417	421	464	465	466	471		
	Lo PR	135	137	140	146	143	145	148	154	150	152	155	161	156	158	161	167	162	164	167	172	169	171	174	180		

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

EXPANDED COOLING DATA — DP5GM24***41 STAGE 1 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB 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
490	MBh	16.9	17.2	17.7	18.4	16.8	17.0	17.5	18.3	16.3	16.6	17.1	17.8	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.0	14.5	15.3
	S/T	1.00	0.86	0.71	0.55	1.00	0.87	0.72	0.56	1.00	1.00	0.75	0.59	1.00	1.00	0.77	0.61	1.00	1.00	0.79	0.63	1.00	1.00	0.70	0.69
	ΔT	27.41	25.61	22.25	18.77	27.36	25.56	22.20	18.72	27.62	25.82	22.45	18.97	27.35	25.54	22.18	18.70	27.10	25.30	21.94	18.46	28.23	26.43	23.07	19.59
	KW	0.92	0.92	0.92	0.93	1.04	1.03	1.03	1.04	1.16	1.16	1.16	1.17	1.30	1.30	1.30	1.30	1.45	1.45	1.45	1.46	1.63	1.63	1.63	1.64
	Amps	3.50	3.50	3.49	3.53	3.99	3.99	3.98	4.02	4.55	4.54	4.53	4.57	5.14	5.14	5.13	5.17	5.81	5.80	5.79	5.83	6.59	6.58	6.58	6.61
	Hi PR	243	244	245	250	281	282	284	288	321	322	324	328	364	365	367	371	410	412	413	417	460	461	463	467
Lo PR	132	133	137	142	140	141	145	150	147	148	152	157	153	154	158	163	158	160	163	169	166	167	171	176	
560	MBh	17.1	17.4	17.9	18.7	17.0	17.2	17.7	18.5	16.6	16.8	17.3	18.1	15.8	16.0	16.5	17.3	14.9	15.1	15.6	16.4	14.0	14.3	14.8	15.5
	S/T	1.00	0.93	0.78	0.62	1.00	0.93	0.78	0.63	1.00	1.00	0.81	0.65	1.00	1.00	0.83	0.68	1.00	1.00	0.86	0.70	1.00	1.00	0.80	0.76
	ΔT	26.33	24.52	21.16	17.68	26.28	24.48	21.11	17.63	26.53	24.73	21.37	17.88	26.26	24.46	21.10	17.61	26.02	24.22	20.85	17.37	27.14	25.34	21.98	18.50
	KW	0.93	0.93	0.92	0.93	1.04	1.04	1.04	1.05	1.17	1.17	1.16	1.17	1.30	1.30	1.30	1.31	1.46	1.46	1.46	1.46	1.64	1.64	1.63	1.64
	Amps	3.53	3.52	3.51	3.55	4.02	4.02	4.01	4.05	4.57	4.57	4.56	4.60	5.17	5.16	5.15	5.19	5.83	5.83	5.82	5.86	6.61	6.61	6.60	6.64
	Hi PR	245	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463	465	469
Lo PR	134	135	139	144	142	143	147	152	149	150	154	159	155	156	160	165	160	162	165	171	168	169	173	178	
630	MBh	17.4	17.6	18.1	18.9	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.3	16.1	16.3	16.8	17.6	15.1	15.4	15.9	16.6	14.3	14.5	15.0	15.8
	S/T	1.00	0.96	0.81	0.66	1.00	1.00	0.82	0.66	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.71	1.00	1.00	0.90	0.74	1.00	1.00	0.80	0.79
	ΔT	25.41	23.61	20.25	16.76	25.36	23.56	20.20	16.72	25.61	23.81	20.45	16.97	25.34	23.54	20.18	16.70	25.10	23.30	19.94	16.46	26.23	24.43	21.07	17.58
	KW	0.93	0.93	0.93	0.94	1.05	1.05	1.04	1.05	1.17	1.17	1.17	1.18	1.31	1.31	1.31	1.32	1.46	1.46	1.46	1.47	1.64	1.64	1.64	1.65
	Amps	3.55	3.54	3.54	3.57	4.04	4.04	4.03	4.07	4.59	4.59	4.58	4.62	5.19	5.18	5.18	5.21	5.85	5.85	5.84	5.88	6.64	6.63	6.62	6.66
	Hi PR	247	248	249	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	422	464	465	467	471
Lo PR	136	137	141	146	144	145	149	154	151	152	156	161	157	158	162	167	163	164	167	173	170	171	175	180	
490	MBh	17.2	17.4	17.9	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	14.9	15.2	15.7	16.4	14.1	14.3	14.8	15.6
	S/T	1.00	0.97	0.82	0.67	1.00	1.00	0.83	0.67	1.00	1.00	0.86	0.70	1.00	1.00	0.90	0.72	1.00	1.00	0.90	0.74	1.00	1.00	0.80	0.80
	ΔT	30.95	29.15	25.79	22.30	30.90	29.10	25.74	22.25	31.15	29.35	25.99	22.51	30.88	29.08	25.72	22.23	30.64	28.84	25.48	21.99	31.77	29.97	26.60	23.12
	KW	0.92	0.92	0.92	0.93	1.04	1.04	1.03	1.04	1.16	1.16	1.16	1.17	1.30	1.30	1.30	1.31	1.45	1.45	1.45	1.46	1.63	1.63	1.63	1.64
	Amps	3.51	3.51	3.50	3.54	4.00	4.00	3.99	4.03	4.55	4.55	4.54	4.58	5.15	5.15	5.14	5.18	5.82	5.81	5.80	5.84	6.60	6.59	6.59	6.62
	Hi PR	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	414	419	461	462	464	468
Lo PR	134	135	139	144	142	143	147	152	149	150	154	159	155	156	160	165	160	162	165	171	168	169	173	178	
560	MBh	17.4	17.7	18.2	18.9	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.3	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	14.3	14.6	15.1	15.8
	S/T	1.00	1.00	0.89	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.92	0.77	1.00	1.00	0.90	0.79	1.00	1.00	0.90	0.81	1.00	1.00	0.80	0.87
	ΔT	29.86	28.06	24.70	21.21	29.81	28.01	24.65	21.17	30.06	28.26	24.90	21.42	29.79	27.99	24.63	21.15	29.55	27.75	24.39	20.91	30.68	28.88	25.52	22.03
	KW	0.93	0.93	0.93	0.94	1.04	1.04	1.04	1.05	1.17	1.17	1.17	1.18	1.31	1.31	1.30	1.31	1.46	1.46	1.46	1.47	1.64	1.64	1.64	1.65
	Amps	3.54	3.53	3.52	3.56	4.03	4.03	4.02	4.06	4.58	4.58	4.57	4.61	5.18	5.17	5.16	5.20	5.84	5.84	5.83	5.87	6.62	6.62	6.61	6.65
	Hi PR	246	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	416	421	463	464	466	470
Lo PR	136	137	141	146	144	145	149	154	151	152	156	161	157	158	162	167	162	164	167	173	170	171	175	180	
630	MBh	17.7	17.9	18.4	19.2	17.5	17.8	18.3	19.0	17.1	17.3	17.8	18.6	16.3	16.6	17.1	17.9	15.4	15.7	16.2	16.9	14.6	14.8	15.3	16.1
	S/T	1.00	1.00	0.92	0.77	1.00	1.00	0.93	0.77	1.00	1.00	0.96	0.80	1.00	1.00	0.90	0.82	1.00	1.00	0.90	0.85	1.00	1.00	0.80	1.00
	ΔT	28.94	27.14	23.78	20.30	28.89	27.09	23.73	20.25	29.15	27.35	23.99	20.50	28.88	27.08	23.71	20.23	28.64	26.84	23.47	19.99	29.76	27.96	24.60	21.12
	KW	0.93	0.93	0.93	0.94	1.05	1.05	1.05	1.05	1.17	1.17	1.17	1.18	1.31	1.31	1.31	1.32	1.46	1.46	1.46	1.47	1.64	1.64	1.64	1.65
	Amps	3.56	3.55	3.55	3.58	4.05	4.05	4.04	4.08	4.60	4.60	4.59	4.63	5.20	5.19	5.19	5.22	5.86	5.86	5.85	5.89	6.64	6.64	6.63	6.67
	Hi PR	248	249	251	255	286	287	289	293	326	327	329	333	369	370	372	376	416	417	418	423	465	466	468	472
Lo PR	138	139	143	148	146	147	151	156	153	154	158	163	159	160	164	169	164	166	169	175	172	173	177	182	

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

EXPANDED COOLING DATA — DP5GM24***41 STAGE 2

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71															
		ENTERING INDOOR WET BULB TEMPERATURE																																															
700	MBh	23.4	23.7	24.4	25.1	23.2	23.5	24.2	24.9	22.6	22.9	23.6	24.3	21.5	21.9	22.6	23.3	24.0	24.7	25.4	22.6	22.9	23.6	24.3	21.5	21.9	22.6	23.3	24.0	24.7	25.4																		
	S/T	0.65	0.57	0.42	-	0.65	0.57	0.43	-	0.68	0.60	0.45	-	1.00	0.62	0.47	-	1.00	0.62	0.45	-	20.39	18.52	15.04	-	20.10	18.24	14.76	-	19.86	17.99	14.51																	
	ΔT	20.17	18.31	14.83	-	20.12	18.26	14.77	-	1.65	1.64	1.64	-	1.85	1.85	1.84	-	2.07	2.06	2.06	-	7.23	7.22	7.21	-	8.17	8.17	8.16	-	9.23	9.23	9.21																	
	KW	1.47	1.46	1.46	-	1.65	1.64	1.64	-	1.85	1.85	1.84	-	2.07	2.06	2.06	-	2.31	2.31	2.30	-	2.31	2.31	2.30	-	2.31	2.31	2.30	-	2.59	2.59	2.59																	
	Amps	5.57	5.56	5.55	-	6.35	6.35	6.33	-	7.23	7.22	7.21	-	8.17	8.17	8.16	-	9.23	9.23	9.21	-	10.48	10.47	10.46	-	10.48	10.47	10.46	-	10.48	10.47	10.46																	
70	Hi PR	253	254	256	-	293	294	296	-	335	336	338	-	380	381	383	-	429	430	432	-	481	482	483	-	481	482	483	-	481	482	483																	
	Lo PR	128	129	132	-	135	137	140	-	142	144	147	-	148	149	153	-	154	155	158	-	161	162	165	-	161	162	165	-	161	162	165																	
	MBh	23.7	24.0	24.7	-	23.5	23.8	24.5	-	22.9	23.2	23.9	-	21.8	22.2	22.9	-	20.6	20.9	21.6	-	19.4	19.7	20.4	-	19.4	19.7	20.4	-	19.4	19.7	20.4																	
	S/T	0.71	0.63	0.48	-	0.72	0.64	0.49	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.71	0.56	-	1.00	1.00	0.62	-	1.00	1.00	0.62	-	1.00	1.00	0.62																	
	ΔT	19.05	17.18	13.70	-	19.00	17.13	13.65	-	19.26	17.39	13.91	-	18.98	17.11	13.63	-	18.73	16.86	13.38	-	19.90	18.03	14.55	-	19.90	18.03	14.55	-	19.90	18.03	14.55																	
900	KW	1.47	1.47	1.47	-	1.66	1.65	1.65	-	1.86	1.86	1.85	-	2.07	2.07	2.07	-	2.32	2.32	2.31	-	2.60	2.60	2.60	-	2.60	2.60	2.60	-	2.60	2.60	2.60																	
	Amps	5.61	5.60	5.59	-	6.39	6.39	6.37	-	7.27	7.26	7.25	-	8.22	8.21	8.20	-	9.27	9.27	9.25	-	10.52	10.51	10.50	-	10.52	10.51	10.50	-	10.52	10.51	10.50																	
	Hi PR	255	256	258	-	295	296	298	-	337	338	340	-	382	383	385	-	431	432	434	-	483	484	486	-	483	484	486	-	483	484	486																	
	Lo PR	129	131	134	-	137	139	142	-	144	146	149	-	150	151	155	-	155	157	160	-	162	164	167	-	162	164	167	-	162	164	167																	
	MBh	24.1	24.4	25.1	-	23.9	24.2	24.9	-	23.3	23.6	24.3	-	22.2	22.5	23.2	-	20.9	21.3	21.9	-	19.7	20.1	20.8	-	19.7	20.1	20.8	-	19.7	20.1	20.8																	
700	S/T	0.75	0.67	0.52	-	0.75	0.67	0.53	-	1.00	0.70	0.55	-	1.00	0.72	0.57	-	1.00	0.74	0.60	-	1.00	1.00	0.65	-	1.00	1.00	0.65	-	1.00	1.00	0.65																	
	ΔT	18.10	16.23	12.75	-	18.05	16.18	12.70	-	18.31	16.44	12.96	-	18.03	16.16	12.68	-	17.78	15.91	12.43	-	18.95	17.08	13.60	-	18.95	17.08	13.60	-	18.95	17.08	13.60																	
	KW	1.48	1.48	1.48	-	1.66	1.66	1.66	-	1.86	1.86	1.86	-	2.08	2.08	2.08	-	2.33	2.32	2.32	-	2.61	2.61	2.61	-	2.61	2.61	2.61	-	2.61	2.61	2.61																	
	Amps	5.64	5.64	5.62	-	6.43	6.42	6.41	-	7.30	7.30	7.28	-	8.25	8.24	8.23	-	9.31	9.30	9.29	-	10.55	10.54	10.53	-	10.55	10.54	10.53	-	10.55	10.54	10.53																	
	Hi PR	257	259	260	-	297	298	300	-	339	340	342	-	384	385	387	-	433	434	436	-	485	486	488	-	485	486	488	-	485	486	488																	
75	Lo PR	132	133	136	-	139	141	144	-	146	148	151	-	152	153	157	-	158	159	162	-	165	166	169	-	165	166	169	-	165	166	169																	
	MBh	23.4	23.7	24.4	25.5	23.2	23.5	24.2	25.3	22.6	22.9	23.6	24.7	21.5	21.9	22.6	23.3	24.0	24.7	25.4	22.6	22.9	23.6	24.7	21.5	21.9	22.6	23.3	24.0	24.7	25.4																		
	S/T	0.78	0.70	0.56	0.41	1.00	0.71	0.56	0.41	1.00	0.74	0.59	0.44	1.00	0.76	0.61	0.46	1.00	0.76	0.61	0.46	1.00	0.76	0.61	0.46	1.00	0.76	0.61	0.46	1.00	0.76	0.61																	
	ΔT	24.28	22.41	18.93	15.32	24.23	22.36	18.88	15.27	24.49	22.62	19.14	15.53	24.21	22.34	18.86	15.25	23.96	22.09	18.61	15.00	25.13	23.26	19.78	16.17	25.13	23.26	19.78	16.17	25.13	23.26	19.78																	
	KW	1.46	1.46	1.46	1.47	1.64	1.64	1.64	1.65	1.85	1.84	1.84	1.86	2.06	2.06	2.06	2.07	2.31	2.31	2.30	2.32	2.59	2.59	2.59	2.60	2.59	2.59	2.59	2.60	2.59	2.59	2.60																	
800	Amps	5.56	5.56	5.54	5.60	6.35	6.34	6.33	6.39	7.22	7.22	7.20	7.26	8.17	8.16	8.15	8.21	9.23	9.22	9.21	9.27	10.47	10.46	10.45	10.51	10.47	10.46	10.45	10.51	10.47	10.46																		
	Hi PR	253	255	256	261	293	294	296	301	335	336	338	343	380	381	383	388	429	430	432	436	481	482	484	488	481	482	484	488	481	482	484																	
	Lo PR	128	129	132	138	135	137	140	146	142	144	147	152	148	150	153	158	154	155	158	164	161	162	165	171	161	162	165	171	161	162	165																	
	MBh	23.7	24.1	24.8	25.8	23.5	23.8	24.5	25.6	22.9	23.2	23.9	25.0	21.8	22.2	22.9	23.9	20.6	20.9	21.6	22.7	19.4	19.7	20.4	21.5	19.4	19.7	20.4	21.5	19.4	19.7	20.4																	
	S/T	0.85	0.77	0.62	0.47	1.00	0.77	0.63	0.48	1.00	0.80	0.66	0.50	1.00	0.82	0.68	0.52	1.00	0.82	0.68	0.52	1.00	0.82	0.68	0.52	1.00	0.82	0.68	0.52	1.00	0.82	0.68																	
900	ΔT	23.15	21.28	17.80	14.19	23.10	21.23	17.75	14.14	23.36	21.50	18.01	14.40	23.08	21.21	17.73	14.12	22.83	20.96	17.48	13.87	24.00	22.13	18.65	15.04	24.00	22.13	18.65	15.04	24.00	22.13	18.65																	
	KW	1.47	1.47	1.47	1.48	1.65	1.65	1.65	1.66	1.86	1.85	1.85	1.86	2.07	2.07	2.07	2.08	2.32	2.32	2.31	2.33	2.60	2.60	2.60	2.61	2.60	2.60	2.60	2.61	2.60	2.61																		
	Amps	5.60	5.60	5.58	5.64	6.39	6.38	6.37	6.43	7.26	7.26	7.24	7.30	8.21	8.20	8.19	8.25	9.27	9.26	9.25	9.31	10.51	10.50	10.49	10.55	10.51	10.50	10.49	10.55	10.51	10.50	10.49																	
	Hi PR	256	257	258	263	296	297	298	303	337	338	340	345	382	383	385	390	431	432	434	438	483	484	486	490	483	484	486	490	483	484	486																	
	Lo PR	130	131	134	140	137	139	142	148	144	146	149	154	150	151	155	160	155	157	160	166	163	164	167	173	163	164	167	173	163	164	167																	

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

EXPANDED COOLING DATA — DP5GM24***41 STAGE 2 (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																													
		65°F					75°F					85°F					95°F					105°F					115°F				
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		ENTERING INDOOR WET BULB TEMPERATURE																													
80	700	MBh	23.5	23.9	24.6	25.6	23.3	23.7	24.4	25.4	22.7	23.0	23.7	24.8	21.7	22.0	22.7	23.8	20.4	20.7	21.4	22.5	19.2	19.5	20.2	21.3					
		S/T	1.00	0.84	0.69	0.54	1.00	0.84	0.70	0.55	1.00	0.87	0.73	0.57	1.00	1.00	0.75	0.59	1.00	1.00	0.77	0.62	1.00	1.00	0.82	0.67					
		ΔT	28.41	26.54	23.06	19.45	28.36	26.49	23.01	19.40	28.62	26.75	23.27	19.66	28.34	26.47	22.99	19.38	28.09	26.22	22.74	19.13	29.26	27.39	23.91	20.30					
		KW	1.47	1.46	1.46	1.47	1.65	1.64	1.64	1.66	1.85	1.85	1.84	1.86	2.06	2.06	2.06	2.07	2.31	2.31	2.30	2.32	2.59	2.59	2.59	2.60					
		Amps	5.57	5.56	5.55	5.61	6.35	6.35	6.33	6.39	7.23	7.22	7.21	7.27	8.17	8.17	8.15	8.21	9.23	9.23	9.21	9.27	10.47	10.47	10.45	10.51					
	800	Hi PR	254	255	257	261	294	295	297	301	336	337	339	343	381	382	384	388	429	430	432	437	481	482	484	489					
		Lo PR	128	130	133	138	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171					
		MBh	23.8	24.2	24.9	25.9	23.6	24.0	24.7	25.7	23.0	23.4	24.1	25.1	22.0	22.3	23.0	24.1	20.7	21.0	21.7	22.8	19.5	19.8	20.5	21.6					
		S/T	1.00	0.90	0.76	0.60	1.00	0.91	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74					
		ΔT	27.28	25.41	21.93	18.32	27.23	25.36	21.88	18.27	27.49	25.63	22.14	18.53	27.21	25.34	21.86	18.25	26.96	25.09	21.61	18.00	28.13	26.26	22.78	19.17					
900	KW	1.48	1.48	1.48	1.49	1.66	1.65	1.65	1.66	1.86	1.86	1.85	1.87	2.07	2.07	2.07	2.08	2.32	2.32	2.31	2.33	2.60	2.60	2.60	2.61						
	Amps	5.61	5.60	5.59	5.65	6.39	6.39	6.37	6.43	7.27	7.26	7.25	7.31	8.21	8.21	8.19	8.25	9.27	9.27	9.25	9.31	10.51	10.51	10.50	10.56						
	Hi PR	256	257	259	263	296	297	299	303	338	339	341	345	383	384	386	390	432	433	434	439	483	484	486	491						
	Lo PR	130	132	135	140	138	139	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173						
	MBh	24.2	24.5	25.2	26.3	24.0	24.3	25.0	26.1	23.4	23.7	24.4	25.5	22.3	22.7	23.4	24.4	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0						
85	700	S/T	1.00	0.94	0.79	0.64	1.00	0.94	0.80	0.65	1.00	1.00	0.83	0.67	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.72	1.00	1.00	1.00	0.77					
		ΔT	26.33	24.47	20.98	17.37	26.28	24.41	20.93	17.32	26.54	24.68	21.19	17.58	26.26	24.39	20.91	17.30	26.01	24.15	20.66	17.05	27.18	25.31	21.83	18.22					
		KW	1.48	1.48	1.48	1.49	1.66	1.66	1.66	1.67	1.86	1.86	1.86	1.87	2.08	2.08	2.08	2.09	2.33	2.32	2.32	2.33	2.61	2.61	2.61	2.62					
		Amps	5.64	5.64	5.62	5.68	6.43	6.42	6.41	6.47	7.30	7.30	7.28	7.34	8.25	8.24	8.23	8.29	9.31	9.30	9.29	9.35	10.55	10.54	10.53	10.59					
		Hi PR	258	259	261	265	298	299	301	305	340	341	343	347	385	386	388	392	434	435	436	441	485	487	488	493					
	800	Lo PR	132	134	137	142	140	141	145	150	147	148	152	157	152	154	157	163	158	160	163	168	165	167	170	175					
		MBh	24.2	24.6	25.3	26.3	24.0	24.4	25.1	26.1	23.4	23.7	24.4	25.5	22.4	22.7	23.4	24.5	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0					
		S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.87	0.72	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.84					
		ΔT	30.94	29.08	25.59	21.98	30.89	29.03	25.54	21.93	31.15	29.29	25.80	22.20	30.87	29.01	25.52	21.91	30.62	28.76	25.27	21.66	31.79	29.93	26.44	22.83					
		KW	1.48	1.48	1.47	1.49	1.66	1.66	1.65	1.67	1.86	1.86	1.86	1.87	2.08	2.08	2.07	2.09	2.32	2.32	2.32	2.33	2.61	2.61	2.60	2.62					
900	Amps	5.62	5.62	5.60	5.66	6.41	6.40	6.39	6.45	7.28	7.28	7.26	7.32	8.23	8.22	8.21	8.27	9.29	9.28	9.27	9.33	10.53	10.52	10.51	10.57						
	Hi PR	257	258	260	265	297	298	300	304	339	340	342	346	384	385	387	391	433	434	436	440	485	486	487	492						
	Lo PR	132	134	137	142	140	141	145	150	147	148	151	157	152	154	157	163	158	160	163	168	165	167	170	175						
	MBh	24.6	24.9	25.6	26.7	24.4	24.7	25.4	26.5	23.8	24.1	24.8	25.9	22.7	23.1	23.8	24.8	21.4	21.8	22.5	23.5	20.3	20.6	21.3	22.4						
	S/T	1.00	1.00	0.90	0.75	1.00	1.00	0.91	0.75	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.88						
900	ΔT	29.99	28.13	24.64	21.04	29.94	28.08	24.59	20.98	30.21	28.34	24.86	21.25	29.92	28.06	24.57	20.97	29.67	27.81	24.33	20.72	30.84	28.98	25.49	21.88						
	KW	1.49	1.48	1.48	1.50	1.67	1.67	1.66	1.68	1.87	1.87	1.86	1.88	2.09	2.08	2.08	2.09	2.33	2.33	2.32	2.34	2.61	2.61	2.61	2.62						
	Amps	5.66	5.65	5.64	5.70	6.44	6.43	6.42	6.48	7.32	7.31	7.30	7.36	8.26	8.26	8.24	8.30	9.32	9.32	9.30	9.36	10.56	10.56	10.54	10.60						
	Hi PR	259	260	262	267	299	300	302	307	341	342	344	348	386	387	389	394	435	436	438	442	487	488	490	494						
	Lo PR	134	136	139	144	142	143	147	152	149	150	153	159	154	156	159	165	160	162	165	170	167	169	172	177						

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area reflects AHRI conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — DP5GM30***41 STAGE 1

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71															
		ENTERING INDOOR WET BULB TEMPERATURE																																															
		ENTERING INDOOR WET BULB TEMPERATURE																																															
560	MBh	21.1	21.4	22.1	-	21.0	21.3	21.9	-	20.4	20.7	21.3	-	19.5	19.8	20.4	-	18.3	18.6	19.2	-	17.2	17.5	18.2	-	18.3	18.6	19.2	-	17.2	17.5	18.2	-																
	S/T	0.61	0.53	0.39	-	0.62	0.54	0.40	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.61	0.46	-	1.00	0.66	0.52	-	1.00	0.61	0.46	-	1.00	0.66	0.52	-																
	ΔT	20.06	18.23	14.83	-	20.01	18.18	14.78	-	20.26	18.44	15.03	-	19.99	18.16	14.76	-	19.74	17.92	14.51	-	20.89	19.06	15.66	-	19.74	17.92	14.51	-	20.89	19.06	15.66	-																
	KW	1.16	1.16	1.16	-	1.30	1.30	1.30	-	1.46	1.46	1.46	-	1.64	1.63	1.63	-	1.83	1.83	1.83	-	2.06	2.05	2.05	-	1.83	1.83	1.83	-	2.06	2.05	2.05	-																
	Amps	4.37	4.37	4.36	-	5.00	4.99	4.98	-	5.69	5.69	5.67	-	6.44	6.44	6.43	-	7.28	7.28	7.27	-	8.27	8.26	8.25	-	7.28	7.28	7.27	-	8.27	8.26	8.25	-																
70	Hi PR	250	252	253	-	290	291	293	-	332	333	334	-	376	377	379	-	424	425	427	-	476	477	479	-	424	425	427	-	476	477	479	-																
	Lo PR	123	124	128	-	130	132	135	-	137	138	142	-	142	144	147	-	148	149	153	-	155	156	159	-	148	149	153	-	155	156	159	-																
	MBh	21.5	21.8	22.4	-	21.3	21.6	22.2	-	20.7	21.0	21.7	-	19.8	20.1	20.7	-	18.6	18.9	19.6	-	17.6	17.9	18.5	-	18.6	18.9	19.6	-	17.6	17.9	18.5	-																
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-																
	ΔT	18.62	16.80	13.39	-	18.57	16.75	13.34	-	18.83	17.01	13.60	-	18.55	16.73	13.32	-	18.31	16.49	13.08	-	19.45	17.63	14.22	-	18.31	16.49	13.08	-	19.45	17.63	14.22	-																
840	KW	1.18	1.18	1.18	-	1.33	1.32	1.32	-	1.48	1.48	1.48	-	1.66	1.66	1.65	-	1.85	1.85	1.85	-	2.08	2.08	2.07	-	1.85	1.85	1.85	-	2.08	2.08	2.07	-																
	Amps	4.47	4.46	4.45	-	5.09	5.09	5.08	-	5.79	5.78	5.77	-	6.54	6.53	6.52	-	7.38	7.37	7.36	-	8.36	8.36	8.35	-	7.38	7.37	7.36	-	8.36	8.36	8.35	-																
	Hi PR	258	259	260	-	297	298	300	-	339	340	342	-	383	384	386	-	432	433	434	-	483	484	486	-	432	433	434	-	483	484	486	-																
	Lo PR	130	131	134	-	137	139	142	-	144	145	148	-	149	151	154	-	155	156	159	-	162	163	166	-	144	145	148	-	155	156	159	-																
	MBh	22.3	22.6	23.2	-	22.1	22.4	23.0	-	21.5	21.8	22.5	-	20.6	20.9	21.5	-	19.4	19.7	20.3	-	18.4	18.7	19.3	-	19.4	19.7	20.3	-	18.4	18.7	19.3	-																
560	S/T	0.74	0.66	0.52	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.74	0.60	-	1.00	0.79	0.65	-	1.00	0.74	0.60	-	1.00	0.79	0.65	-																
	ΔT	16.79	14.97	11.56	-	16.74	14.92	11.51	-	17.00	15.17	11.77	-	16.72	14.90	11.49	-	16.48	14.65	11.25	-	17.62	15.80	12.39	-	16.48	14.65	11.25	-	17.62	15.80	12.39	-																
	KW	1.16	1.16	1.16	-	1.30	1.30	1.30	-	1.46	1.46	1.46	-	1.63	1.63	1.63	-	1.83	1.83	1.82	-	2.05	2.05	2.05	-	1.83	1.83	1.82	-	2.05	2.05	2.05	-																
	Amps	4.37	4.36	4.35	-	4.99	4.99	4.98	-	5.69	5.68	5.67	-	6.44	6.43	6.42	-	7.28	7.27	7.26	-	8.26	8.26	8.25	-	7.28	7.27	7.26	-	8.26	8.26	8.25	-																
	Hi PR	251	252	253	-	290	291	293	-	332	333	335	-	376	378	379	-	424	426	427	-	476	477	479	-	424	426	427	-	476	477	479	-																
75	Lo PR	123	124	128	-	130	132	135	-	137	138	142	-	143	144	147	-	148	149	153	-	155	156	159	-	143	144	147	-	155	156	159	-																
	MBh	21.5	21.8	22.4	-	21.3	21.6	22.2	-	20.8	21.1	21.7	-	19.8	20.1	20.7	-	18.6	18.9	19.6	-	17.6	17.9	18.5	-	18.6	18.9	19.6	-	17.6	17.9	18.5	-																
	S/T	0.83	0.75	0.61	-	0.83	0.76	0.61	-	1.00	0.78	0.64	-	1.00	0.80	0.66	-	1.00	0.82	0.68	-	1.00	0.91	0.74	-	1.00	0.82	0.68	-	1.00	0.91	0.74	-																
	ΔT	22.63	20.81	17.40	-	22.58	20.76	17.35	-	22.84	21.02	17.61	-	22.57	20.74	17.34	-	22.32	20.50	17.09	-	23.46	21.64	18.23	-	22.32	20.50	17.09	-	23.46	21.64	18.23	-																
	KW	1.17	1.17	1.17	-	1.31	1.31	1.31	-	1.47	1.47	1.47	-	1.64	1.64	1.64	-	1.84	1.84	1.83	-	2.06	2.06	2.06	-	1.84	1.84	1.83	-	2.06	2.06	2.06	-																
840	Amps	4.41	4.41	4.40	-	5.03	5.03	5.02	-	5.73	5.72	5.71	-	6.48	6.46	6.46	-	7.32	7.31	7.30	-	8.30	8.30	8.29	-	7.32	7.31	7.30	-	8.30	8.30	8.29	-																
	Hi PR	253	254	256	-	293	294	296	-	334	336	337	-	379	380	382	-	427	428	430	-	479	480	481	-	427	428	430	-	479	480	481	-																
	Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	152	155	-	157	159	162	-	145	146	149	-	150	152	155	-																
	MBh	22.3	22.6	23.2	-	22.1	22.4	23.0	-	21.5	21.8	22.5	-	20.6	20.9	21.5	-	19.4	19.7	20.3	-	18.4	18.7	19.3	-	19.4	19.7	20.3	-	18.4	18.7	19.3	-																
	S/T	0.74	0.66	0.52	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.74	0.60	-	1.00	0.79	0.65	-	1.00	0.74	0.60	-	1.00	0.79	0.65	-																

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

EXPANDED COOLING DATA — DP5GM30***41 STAGE 1 (CONT.)

IDB		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
		ENTERING INDOOR WET BULB TEMPERATURE																							
AIRFLOW																									
560	MBh	21.3	21.6	22.2	23.2	21.1	21.4	22.0	23.0	20.5	20.8	21.5	22.4	19.6	19.9	20.5	21.5	18.4	18.7	19.3	20.3	17.3	17.6	18.3	19.2
	S/T	1.00	0.80	0.65	0.51	1.00	0.80	0.66	0.51	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63
	ΔT	28.11	26.28	22.88	19.35	28.06	26.23	22.83	19.30	28.31	26.49	23.08	19.55	28.04	26.21	22.81	19.28	27.79	25.97	22.56	19.03	28.94	27.11	23.71	20.18
	KW	1.16	1.16	1.16	1.17	1.30	1.30	1.30	1.31	1.46	1.46	1.46	1.47	1.64	1.63	1.63	1.64	1.83	1.83	1.83	1.84	2.06	2.05	2.05	2.06
	Amps	4.37	4.37	4.36	4.40	4.99	4.99	4.98	5.03	5.69	5.68	5.67	5.72	6.44	6.44	6.43	6.47	7.28	7.28	7.26	7.31	8.27	8.26	8.25	8.30
80	Hi PR	251	252	254	258	291	292	294	298	332	333	335	339	377	378	380	384	425	426	428	432	476	478	479	484
	Lo PR	123	125	128	133	131	132	136	141	137	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165
	MBh	21.6	21.9	22.5	23.5	21.4	21.7	22.4	23.3	20.9	21.2	21.8	22.8	19.9	20.2	20.9	21.8	18.8	19.1	19.7	20.7	17.7	18.0	18.6	19.6
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72
	ΔT	26.67	24.85	21.44	17.91	26.62	24.80	21.39	17.86	26.88	25.05	21.65	18.12	26.60	24.78	21.37	17.84	26.36	24.54	21.13	17.60	27.50	25.68	22.27	18.74
840	KW	1.17	1.17	1.17	1.18	1.31	1.31	1.31	1.32	1.47	1.47	1.47	1.48	1.65	1.64	1.64	1.65	1.84	1.84	1.83	1.85	2.06	2.06	2.06	2.07
	Amps	4.41	4.41	4.40	4.45	5.04	5.03	5.02	5.07	5.73	5.73	5.72	5.76	6.48	6.48	6.47	6.51	7.32	7.32	7.31	7.35	8.31	8.30	8.29	8.34
	Hi PR	254	255	257	261	293	295	296	301	335	336	338	342	380	381	382	387	428	429	431	435	479	480	482	486
	Lo PR	126	127	130	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	161	158	159	162	168
	MBh	22.4	22.7	23.3	24.3	22.2	22.5	23.1	24.1	21.7	22.0	22.6	23.6	20.7	21.0	21.6	22.6	19.5	19.8	20.5	21.4	18.5	18.8	19.4	20.4
840	S/T	1.00	0.93	0.79	0.64	1.00	0.93	0.79	0.64	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.71	1.00	1.00	0.91	0.77
	ΔT	24.84	23.01	19.61	16.08	24.79	22.97	19.56	16.03	25.05	23.22	19.82	16.29	24.77	22.95	19.54	16.01	24.53	22.70	19.30	15.77	25.67	23.84	20.44	16.91
	KW	1.18	1.18	1.18	1.19	1.32	1.32	1.32	1.33	1.48	1.48	1.48	1.49	1.66	1.66	1.65	1.66	1.85	1.85	1.85	1.86	2.08	2.08	2.07	2.08
	Amps	4.47	4.46	4.45	4.50	5.09	5.09	5.07	5.12	5.78	5.78	5.77	5.82	6.54	6.53	6.52	6.57	7.38	7.37	7.36	7.41	8.36	8.36	8.35	8.39
	Hi PR	258	259	261	265	298	299	301	305	339	340	342	347	384	385	387	391	432	433	435	439	484	485	486	491
Lo PR	130	132	135	140	138	139	142	148	144	146	149	154	150	151	155	160	155	157	160	165	162	164	167	172	

560	MBh	21.6	21.9	22.6	23.5	21.4	21.7	22.4	23.3	20.9	21.2	21.8	22.8	19.9	20.2	20.9	21.8	18.8	19.1	19.7	20.7	17.7	18.0	18.6	19.6
	S/T	1.00	0.90	0.76	0.61	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.84	0.69	1.00	1.00	0.87	0.74
	ΔT	31.69	29.86	26.46	22.93	31.64	29.81	26.41	22.88	31.89	30.07	26.66	23.13	31.62	29.79	26.39	22.86	31.38	29.55	26.14	22.62	32.52	30.69	27.29	23.76
	KW	1.16	1.16	1.16	1.17	1.31	1.30	1.30	1.31	1.47	1.46	1.46	1.47	1.64	1.64	1.63	1.65	1.83	1.83	1.83	1.84	2.06	2.06	2.05	2.07
	Amps	4.38	4.38	4.37	4.42	5.01	5.00	4.99	5.04	5.70	5.70	5.69	5.73	6.45	6.45	6.44	6.48	7.29	7.29	7.28	7.32	8.28	8.27	8.26	8.31
85	Hi PR	252	253	255	260	292	293	295	299	333	334	336	341	378	379	381	385	426	427	429	433	478	479	481	485
	Lo PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167
	MBh	22.0	22.3	22.9	23.9	21.8	22.1	22.7	23.7	21.2	21.5	22.2	23.1	20.3	20.6	21.2	22.2	19.1	19.4	20.0	21.0	18.0	18.3	19.0	19.9
	S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.91	0.82
	ΔT	30.25	28.43	25.02	21.49	30.20	28.38	24.97	21.44	30.46	28.64	25.23	21.70	30.19	28.36	24.95	21.43	29.94	28.12	24.71	21.18	31.08	29.26	25.85	22.32
840	KW	1.17	1.17	1.17	1.18	1.32	1.31	1.31	1.32	1.48	1.47	1.47	1.48	1.65	1.65	1.64	1.66	1.84	1.84	1.84	1.85	2.07	2.07	2.06	2.07
	Amps	4.43	4.42	4.41	4.46	5.05	5.04	5.03	5.08	5.74	5.74	5.73	5.78	6.49	6.49	6.48	6.53	7.33	7.33	7.32	7.37	8.32	8.31	8.30	8.35
	Hi PR	255	256	258	262	295	296	297	302	336	337	339	343	381	382	384	388	429	430	432	436	480	481	483	488
	Lo PR	128	129	132	137	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	159	161	164	169
	MBh	22.8	23.1	23.7	24.7	22.6	22.9	23.5	24.5	22.0	22.3	22.9	23.9	21.1	21.4	22.0	23.0	19.9	20.2	20.8	21.8	18.8	19.1	19.8	20.7
840	S/T	1.00	1.00	0.89	0.74	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.87
	ΔT	28.42	26.60	23.19	19.66	28.37	26.55	23.14	19.61	28.63	26.80	23.40	19.87	28.35	26.53	23.12	19.59	28.11	26.28	22.88	19.35	29.25	27.43	24.02	20.49
	KW	1.18	1.18	1.18	1.19	1.33	1.33	1.32	1.33	1.49	1.49	1.48	1.49	1.66	1.66	1.66	1.67	1.85	1.85	1.85	1.86	2.08	2.08	2.08	2.09
	Amps	4.48	4.48	4.46	4.51	5.10	5.10	5.09	5.13	5.80	5.79	5.78	5.83	6.55	6.54	6.53	6.58	7.39	7.38	7.37	7.42	8.37	8.37	8.36	8.40
	Hi PR	259	261	262	267	299	300	302	306	341	342	343	348	385	386	388	392	433	434	436	441	485	486	488	492
Lo PR	132	134	137	142	140	141	144	150	146	148	151	156	152	153	156	162	157	159	162	167	164	166	169	174	

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

EXPANDED COOLING DATA — DP5GM30***41 STAGE 2

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	59	63	67	71	59	63	67	71																	
70	800	MBh	29.4	29.8	30.7	-	29.1	29.6	30.4	-	28.4	28.8	29.7	-	27.1	27.5	28.4	-	25.4	25.8	26.7	-	24.0	24.4	25.3	-	29.4	29.8	30.7	-	29.1	29.6	30.4	-	28.4	28.8	29.7	-	27.1	27.5	28.4	-	25.4	25.8	26.7	-	24.0	24.4	25.3	-
		S/T	0.59	0.52	0.38	-	0.60	0.52	0.38	-	0.63	0.55	0.41	-	0.64	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.64	0.50	-	0.59	0.52	0.38	-	0.60	0.52	0.38	-	0.63	0.55	0.41	-	0.64	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.64	0.50	-
		ΔT	20.78	18.89	15.36	-	20.73	18.84	15.31	-	21.00	19.11	15.58	-	20.71	18.82	15.29	-	20.46	18.57	15.04	-	21.64	19.75	16.22	-	20.78	18.89	15.36	-	20.73	18.84	15.31	-	21.00	19.11	15.58	-	20.71	18.82	15.29	-	20.46	18.57	15.04	-	21.64	19.75	16.22	-
		KW	1.84	1.84	1.84	-	2.07	2.07	2.07	-	2.33	2.32	2.32	-	2.60	2.60	2.59	-	2.91	2.91	2.90	-	3.27	3.27	3.26	-	1.84	1.84	1.84	-	2.07	2.07	2.07	-	2.33	2.32	2.32	-	2.60	2.60	2.59	-	2.91	2.91	2.90	-	3.27	3.27	3.26	-
		Amps	6.95	6.95	6.93	-	7.94	7.93	7.92	-	9.05	9.04	9.02	-	10.24	10.23	10.22	-	11.58	11.57	11.55	-	13.14	13.13	13.12	-	6.95	6.95	6.93	-	7.94	7.93	7.92	-	9.05	9.04	9.02	-	10.24	10.23	10.22	-	11.58	11.57	11.55	-	13.14	13.13	13.12	-
	Hi PR	262	263	265	-	303	305	306	-	347	348	350	-	394	395	397	-	444	445	447	-	498	499	501	-	262	263	265	-	303	305	306	-	347	348	350	-	394	395	397	-	444	445	447	-	498	499	501	-	
	Lo PR	119	121	124	-	127	128	131	-	133	135	138	-	141	142	143	-	144	145	148	-	151	152	155	-	119	121	124	-	127	128	131	-	133	135	138	-	141	142	143	-	144	145	148	-	151	152	155	-	
	MBh	29.9	30.3	31.2	-	29.6	30.0	30.9	-	28.9	29.3	30.2	-	27.5	27.9	28.8	-	25.9	26.3	27.2	-	24.4	24.8	25.7	-	29.9	30.3	31.2	-	29.6	30.0	30.9	-	28.9	29.3	30.2	-	27.5	27.9	28.8	-	25.9	26.3	27.2	-	24.4	24.8	25.7	-	
	S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-	0.68	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-	
	ΔT	19.30	17.41	13.88	-	19.25	17.36	13.83	-	19.51	17.62	14.09	-	19.23	17.34	13.81	-	18.98	17.08	13.56	-	20.16	18.27	14.74	-	19.30	17.41	13.88	-	19.25	17.36	13.83	-	19.51	17.62	14.09	-	19.23	17.34	13.81	-	18.98	17.08	13.56	-	20.16	18.27	14.74	-	
KW	1.86	1.86	1.85	-	2.09	2.09	2.08	-	2.34	2.34	2.34	-	2.62	2.61	2.61	-	2.92	2.92	2.92	-	3.28	3.28	3.28	-	1.86	1.86	1.85	-	2.09	2.09	2.08	-	2.34	2.34	2.34	-	2.62	2.61	2.61	-	2.92	2.92	2.92	-	3.28	3.28	3.28	-		
Amps	7.02	7.01	7.00	-	8.01	8.00	7.98	-	9.11	9.11	9.09	-	10.31	10.30	10.28	-	11.64	11.63	11.62	-	13.21	13.20	13.18	-	7.02	7.01	7.00	-	8.01	8.00	7.98	-	9.11	9.11	9.09	-	10.31	10.30	10.28	-	11.64	11.63	11.62	-	13.21	13.20	13.18	-		
Hi PR	265	266	268	-	306	307	309	-	350	351	353	-	396	398	399	-	447	448	450	-	501	502	504	-	265	266	268	-	306	307	309	-	350	351	353	-	396	398	399	-	447	448	450	-	501	502	504	-		
Lo PR	122	123	126	-	129	130	134	-	135	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	122	123	126	-	129	130	134	-	135	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-		
MBh	31.0	31.4	32.3	-	30.7	31.1	32.0	-	29.9	30.4	31.2	-	28.6	29.0	29.9	-	27.0	27.4	28.3	-	25.5	25.9	26.8	-	31.0	31.4	32.3	-	30.7	31.1	32.0	-	29.9	30.4	31.2	-	28.6	29.0	29.9	-	27.0	27.4	28.3	-	25.5	25.9	26.8	-		
S/T	0.72	0.65	0.51	-	0.73	0.65	0.51	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-	0.72	0.65	0.51	-	0.73	0.65	0.51	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-		
ΔT	17.40	15.51	11.98	-	17.35	15.46	11.93	-	17.61	15.72	12.19	-	17.33	15.44	11.91	-	17.08	15.19	11.66	-	18.26	16.37	12.84	-	17.40	15.51	11.98	-	17.35	15.46	11.93	-	17.61	15.72	12.19	-	17.33	15.44	11.91	-	17.08	15.19	11.66	-	18.26	16.37	12.84	-		
KW	1.88	1.88	1.87	-	2.11	2.10	2.10	-	2.36	2.36	2.35	-	2.64	2.63	2.63	-	2.94	2.94	2.94	-	3.30	3.30	3.30	-	1.88	1.88	1.87	-	2.11	2.10	2.10	-	2.36	2.36	2.35	-	2.64	2.63	2.63	-	2.94	2.94	2.94	-	3.30	3.30	3.30	-		
Amps	7.10	7.10	7.08	-	8.09	8.09	8.07	-	9.20	9.19	9.17	-	10.39	10.38	10.37	-	11.73	11.72	11.70	-	13.29	13.29	13.27	-	7.10	7.10	7.08	-	8.09	8.09	8.07	-	9.20	9.19	9.17	-	10.39	10.38	10.37	-	11.73	11.72	11.70	-	13.29	13.29	13.27	-		
Hi PR	269	271	272	-	311	312	314	-	354	355	357	-	401	402	404	-	451	453	454	-	505	506	508	-	269	271	272	-	311	312	314	-	354	355	357	-	401	402	404	-	451	453	454	-	505	506	508	-		
Lo PR	126	128	131	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-	126	128	131	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-		
75	800	MBh	29.4	29.8	30.7	32.1	29.2	29.6	30.5	31.8	28.4	28.8	29.7	31.0	27.1	27.5	28.4	29.7	25.5	25.9	26.7	28.1	24.0	24.4	25.3	26.6	29.4	29.8	30.7	32.1	29.2	29.6	30.5	31.8	28.4	28.8	29.7	31.0	27.1	27.5	28.4	29.7	25.5	25.9	26.7	28.1	24.0	24.4	25.3	26.6
		S/T	0.72	0.65	0.51	0.36	0.73	0.65	0.52	0.37	0.75	0.68	0.54	0.40	1.00	0.70	0.56	0.42	1.00	0.80	0.67	0.52	1.00	0.77	0.64	0.49	0.72	0.65	0.51	0.36	0.73	0.65	0.52	0.37	0.75	0.68	0.54	0.40	1.00	0.70	0.56	0.42	1.00	0.80	0.67	0.52	1.00	0.77	0.64	0.49
		ΔT	24.94	23.05	19.52	15.86	24.89	23.00	19.47	15.81	25.15	23.26	19.73	16.08	24.87	22.98	19.45	15.79	24.62	22.73	19.20	15.54	25.80	23.91	20.38	16.72	24.94	23.05	19.52	15.86	24.89	23.00	19.47	15.81	25.15	23.26	19.73	16.08	24.87	22.98	19.45	15.79	24.62	22.73	19.20	15.54	25.80	23.91	20.38	16.72
		KW	1.84	1.84	1.84	1.85	2.07	2.07	2.06	2.08	2.32	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.91	2.90	2.90	2.92	3.27	3.26	3.26	3.28	1.84	1.84	1.84	1.85	2.07	2.07	2.06	2.08	2.32	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.91	2.90	2.90	2.92	3.27	3.26	3.26	3.28
		Amps	6.95	6.94	6.92	7.00	7.94	7.93	7.91	7.99	9.04	9.03	9.02	9.09	10.23	10.23	10.21	10.29	11.57	11.56	11.54	11.62	13.14	13.13	13.11	13.19	6.95	6.94	6.92	7.00	7.94	7.93	7.91	7.99	9.04	9.03	9.02	9.09	10.23	10.23	10.21	10.29	11.57	11.56	11.54	11.62	13.14	13.13	13.11	13.19
	Hi PR	262	263	265	270	304	305	307	311	347	348	350	355	394	395	397	401	444	445	447	452	498	499	501	505	262	263	265	270	304	305	307	311	347	348	350	355	394	395	397	401	444	445	447	452	498	499	501	505	
	Lo PR	120	121	124	129	127	128	131	136	133	135	138	143	139	140	143	148	144	145	148	154	151	152	155	160	120	121	124	129	127	128	131	136	133	135	138	143	139	140	143	148	144	145	148	154	151	152	155	160	
	MBh	29.9	30.3	31.2	32.6	29.6	30.1	30.9	32.3	28.9	29.3	30.2	31.5	27.5	28.0	28.8	30.2	28.6	29.1	29.9	31.3	27.0	27.4	28.3	29.7	29.9	30.3	31.2	32.6	29.6	30.1	30.9	32.3	28.9	29.3	30.2	31.5	27.5	28.0	28.8	30.2	28.6	29.1	29.9						

EXPANDED COOLING DATA — DP5GM30***41 STAGE 2 (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71							
800	MBh	29.6	30.0	30.9	32.2	29.3	29.7	30.6	32.0	28.5	29.0	29.8	31.2	27.2	27.6	28.5	29.9	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.8												
	S/T	0.85	0.77	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.57	1.00	1.00	0.76	0.62												
	ΔT	29.13	27.23	23.71	20.05	29.07	27.18	23.65	20.00	29.34	27.45	23.92	20.26	29.05	27.16	23.63	19.98	28.80	26.91	23.38	19.72	29.99	28.09	24.57	20.91												
	KW	1.84	1.84	1.84	1.86	2.07	2.07	2.07	2.08	2.33	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.91	2.91	2.90	2.92	3.27	3.27	3.26	3.28												
	Amps	6.95	6.94	6.93	7.00	7.94	7.93	7.92	7.99	9.05	9.04	9.02	9.10	10.24	10.23	10.22	10.29	11.57	11.57	11.55	11.63	13.14	13.13	13.12	13.19												
	Hi PR	263	264	266	270	304	305	307	312	348	349	350	355	394	395	397	402	445	446	448	452	498	500	501	506												
	Lo PR	120	122	124	125	127	129	132	130	134	135	138	143	139	141	144	149	144	146	149	154	151	153	156	161												
	MBh	30.1	30.5	31.4	32.7	29.8	30.2	31.1	32.4	29.0	29.4	30.3	31.7	27.7	28.1	29.0	30.3	26.1	26.5	27.4	28.7	24.6	25.0	25.9	27.2												
	S/T	0.93	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70												
	ΔT	27.64	25.75	22.22	18.56	27.59	25.70	22.17	18.51	27.85	25.96	22.43	18.78	27.57	25.68	22.15	18.49	27.32	25.43	21.90	18.24	28.50	26.61	23.08	19.42												
KW	1.86	1.86	1.85	1.87	2.09	2.09	2.08	2.10	2.34	2.34	2.34	2.35	2.62	2.61	2.61	2.63	2.92	2.92	2.92	2.93	3.28	3.28	3.28	3.29													
Amps	7.02	7.01	6.99	7.07	8.01	8.00	7.98	8.06	9.11	9.10	9.09	9.16	10.31	10.30	10.28	10.36	11.64	11.63	11.62	11.69	13.21	13.20	13.18	13.26													
Hi PR	266	267	268	273	307	308	310	315	350	351	353	358	397	398	400	405	447	449	450	455	501	502	504	509													
Lo PR	122	124	127	132	130	131	134	139	136	137	140	146	141	143	146	151	147	148	151	156	153	155	158	163													
MBh	31.2	31.6	32.4	33.8	30.9	31.3	32.2	33.5	30.1	30.5	31.4	32.8	28.8	29.2	30.1	31.4	27.2	27.6	28.5	29.8	25.7	26.1	27.0	28.3													
S/T	1.00	0.90	0.76	0.62	1.00	0.91	0.77	0.63	1.00	0.93	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.89	0.75													
ΔT	25.74	23.85	20.32	16.66	25.69	23.80	20.27	16.61	25.95	24.06	20.53	16.88	25.67	23.78	20.25	16.59	25.42	23.53	20.00	16.34	26.60	24.71	21.18	17.52													
KW	1.88	1.88	1.87	1.89	2.11	2.10	2.10	2.12	2.36	2.36	2.35	2.37	2.63	2.63	2.63	2.65	2.94	2.94	2.94	2.95	3.30	3.30	3.30	3.31													
Amps	7.10	7.10	7.08	7.15	8.09	8.08	8.07	8.14	9.20	9.19	9.17	9.25	10.39	10.38	10.37	10.44	11.73	11.72	11.70	11.78	13.29	13.28	13.27	13.34													
Hi PR	270	271	273	278	312	313	315	319	355	356	358	363	402	403	405	409	452	453	455	460	506	507	509	513													
Lo PR	127	128	131	136	134	135	139	144	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	167													
MBh	30.1	30.5	31.4	32.7	29.8	30.2	31.1	32.5	29.0	29.5	30.3	31.7	27.7	28.1	29.0	30.4	26.1	26.5	27.4	28.7	24.6	25.0	25.9	27.3													
S/T	1.00	0.88	0.74	0.59	1.00	0.88	0.75	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72													
ΔT	32.84	30.95	27.42	23.76	32.78	30.89	27.36	23.71	33.05	31.16	27.63	23.97	32.77	30.88	27.35	23.69	32.51	30.62	27.09	23.44	33.70	31.81	28.28	24.62													
KW	1.85	1.85	1.84	1.86	2.08	2.07	2.07	2.09	2.33	2.33	2.32	2.34	2.60	2.60	2.60	2.62	2.91	2.91	2.91	2.92	3.27	3.27	3.27	3.28													
Amps	6.97	6.96	6.95	7.02	7.96	7.95	7.94	8.01	9.06	9.06	9.04	9.11	10.26	10.25	10.23	10.31	11.59	11.59	11.57	11.64	13.16	13.15	13.13	13.21													
Hi PR	264	265	267	271	305	306	308	313	349	350	352	356	395	397	398	403	446	447	449	453	500	501	503	507													
Lo PR	122	123	126	131	129	131	134	139	136	137	140	145	141	142	145	151	146	148	151	156	153	154	157	163													
MBh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	32.9	29.5	29.9	30.8	32.2	28.2	28.6	29.5	30.8	26.6	27.0	27.9	29.2	25.1	25.5	26.4	27.7													
S/T	1.00	0.96	0.82	0.68	1.00	0.97	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.80													
ΔT	31.35	29.46	25.93	22.27	31.30	29.41	25.88	22.22	31.56	29.67	26.14	22.49	31.28	29.39	25.86	22.20	31.03	29.14	25.61	21.95	32.21	30.32	26.79	23.13													
KW	1.86	1.86	1.86	1.88	2.09	2.09	2.09	2.10	2.35	2.34	2.34	2.36	2.62	2.62	2.61	2.63	2.93	2.93	2.92	2.94	3.29	3.29	3.28	3.30													
Amps	7.04	7.03	7.01	7.09	8.03	8.02	8.00	8.08	9.13	9.12	9.11	9.18	10.33	10.32	10.30	10.38	11.66	11.65	11.64	11.71	13.23	13.22	13.20	13.28													
Hi PR	267	268	270	274	308	309	311	316	352	353	355	359	398	399	401	406	449	450	452	456	502	504	505	510													
Lo PR	124	126	129	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165													
MBh	31.6	32.1	32.9	34.3	31.4	31.8	32.7	34.0	30.6	31.0	31.9	33.3	29.3	29.7	30.6	31.9	27.7	28.1	29.0	30.3	26.2	26.6	27.5	28.8													
S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.80	1.00	1.00	1.00	0.85													
ΔT	29.45	27.56	24.03	20.37	29.40	27.51	23.98	20.32	29.67	27.78	24.25	20.59	29.38	27.49	23.96	20.30	29.13	27.24	23.71	20.05	30.31	28.42	24.89	21.23													
KW	1.88	1.88	1.88	1.89	2.11	2.11	2.10	2.12	2.36	2.36	2.36	2.38	2.64	2.64	2.63	2.65	2.95	2.94	2.94	2.96	3.31	3.30	3.30	3.32													
Amps	7.12	7.11	7.10	7.17	8.11	8.10	8.09	8.16	9.22	9.21	9.19	9.27	10.41	10.40	10.39	10.46	11.74	11.74	11.74	11.80	13.31	13.30	13.29	13.36													
Hi PR	271	273	274	279	313	314	316	320	356	357	359	364	403	404	406	411	453	454	456	461	507	508	510	515													
Lo PR	128	130	133	138	136	137	140	145	142	144	147	152	148	149	152	157	153	154	157	163	160	161	164	169													

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

EXPANDED COOLING DATA — DP5GM36***41 STAGE 1

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71															
		ENTERING INDOOR WET BULB TEMPERATURE																																															
735	MBh	25.6	26.0	26.7	-	25.4	25.7	26.5	-	24.7	25.1	25.8	-	23.6	23.9	24.7	-	22.1	22.5	23.3	-	20.9	21.2	22.0	-	19.0	1.00	0.56	-	20.36	18.56	15.18	-																
	S/T	0.66	0.57	0.43	-	0.66	0.58	0.43	-	1.00	0.61	0.46	-	1.00	0.63	0.48	-	1.00	0.65	0.51	-	1.00	0.65	0.51	-	1.00	1.00	0.56	-	20.36	18.56	15.18	-																
	ΔT	19.54	17.74	14.36	-	19.49	17.69	14.31	-	19.75	17.94	14.57	-	19.47	17.67	14.29	-	19.23	17.43	14.05	-	19.23	17.43	14.05	-	20.36	18.56	15.18	-	20.36	18.56	15.18	-																
	KW	1.44	1.44	1.44	-	1.60	1.60	1.60	-	1.78	1.78	1.78	-	1.98	1.97	1.97	-	2.19	2.19	2.19	-	2.45	2.45	2.45	-	2.45	2.45	2.45	-	2.45	2.45	2.45	-																
	Amps	5.07	5.06	5.05	-	5.77	5.77	5.75	-	6.55	6.55	6.54	-	7.40	7.40	7.38	-	8.35	8.34	8.33	-	9.46	9.46	9.44	-	9.46	9.45	9.44	-	9.46	9.45	9.44	-																
70	Hi PR	245	246	248	-	284	285	287	-	324	325	327	-	368	369	371	-	415	416	418	-	465	466	468	-	465	466	468	-	465	466	468	-																
	Lo PR	130	131	134	-	137	139	142	-	144	146	149	-	150	152	155	-	156	157	161	-	163	165	168	-	163	165	168	-	163	165	168	-																
	MBh	25.9	26.3	27.1	-	25.7	26.1	26.8	-	25.0	25.4	26.2	-	23.9	24.3	25.0	-	22.5	22.8	23.6	-	21.2	21.6	22.3	-	1.00	1.00	0.63	-	1.00	1.00	0.63	-																
	S/T	0.72	0.64	0.49	-	0.73	0.65	0.50	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.72	0.57	-	1.00	0.72	0.57	-	1.00	1.00	0.63	-	1.00	1.00	0.63	-																
	ΔT	18.45	16.64	13.27	-	18.40	16.59	13.22	-	18.66	16.85	13.47	-	18.38	16.58	13.20	-	18.14	16.33	12.96	-	18.14	16.33	12.96	-	19.27	17.47	14.09	-	19.27	17.47	14.09	-																
945	KW	1.46	1.45	1.44	-	1.61	1.61	1.61	-	1.79	1.79	1.79	-	1.98	1.98	1.98	-	2.20	2.20	2.20	-	2.46	2.46	2.45	-	2.46	2.46	2.45	-	2.46	2.46	2.45	-																
	Amps	5.11	5.10	5.09	-	5.81	5.80	5.79	-	6.59	6.59	6.57	-	7.44	7.43	7.42	-	8.39	8.38	8.37	-	9.50	9.49	9.48	-	9.50	9.49	9.48	-	9.50	9.49	9.48	-																
	Hi PR	247	248	250	-	286	287	289	-	326	327	329	-	370	371	373	-	417	418	420	-	467	468	470	-	467	468	470	-	467	468	470	-																
	Lo PR	131	133	136	-	139	141	144	-	146	148	151	-	152	154	157	-	158	159	163	-	165	167	170	-	165	167	170	-	165	167	170	-																
	MBh	26.3	26.7	27.5	-	26.1	26.5	27.2	-	25.4	25.8	26.6	-	24.3	24.7	25.4	-	22.9	23.3	24.0	-	21.6	22.0	22.7	-	1.00	1.00	0.66	-	1.00	1.00	0.66	-																
735	S/T	0.80	0.71	0.57	0.41	1.00	0.72	0.57	0.42	1.00	0.75	0.60	0.45	1.00	0.77	0.62	0.47	1.00	0.77	0.62	0.47	1.00	0.77	0.62	0.47	1.00	1.00	0.70	0.55	1.00	1.00	0.70	0.55																
	ΔT	23.52	21.71	18.33	14.84	23.47	21.66	18.29	14.79	23.72	21.91	18.54	15.04	23.45	21.64	18.27	14.77	23.21	21.40	18.03	14.53	23.43	22.53	19.16	15.66	23.43	22.53	19.16	15.66																				
	KW	1.44	1.44	1.43	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	1.97	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.45	2.45	2.44	2.46	2.45	2.45	2.44	2.46																				
	Amps	5.07	5.06	5.05	5.10	5.77	5.76	5.75	5.80	6.55	6.54	6.53	6.59	7.40	7.39	7.38	7.43	8.34	8.34	8.33	8.38	9.45	9.45	9.44	9.49	9.45	9.45	9.44	9.49																				
	Hi PR	245	246	248	252	284	285	287	291	325	326	327	332	368	369	371	375	415	416	418	422	465	466	468	472	465	466	468	472																				
75	Lo PR	130	131	134	140	137	139	142	148	144	146	149	155	150	152	155	161	156	158	161	166	163	165	168	174	163	165	168	174																				
	MBh	26.0	26.3	27.1	28.2	25.7	26.1	26.9	28.0	25.1	25.4	26.2	27.4	23.9	24.3	25.0	26.2	22.5	22.9	23.6	24.8	21.2	21.6	22.3	23.5	21.2	21.6	22.3	23.5																				
	S/T	0.86	0.78	0.63	0.48	1.00	0.78	0.64	0.48	1.00	0.81	0.67	0.51	1.00	0.83	0.69	0.53	1.00	0.83	0.69	0.53	1.00	1.00	0.77	0.61	1.00	1.00	0.77	0.61																				
	ΔT	22.42	20.62	17.24	13.75	22.38	20.57	17.19	13.70	22.63	20.82	17.45	13.95	22.36	20.55	17.17	13.68	22.12	20.31	16.93	13.44	23.25	21.44	18.06	14.57	23.25	21.44	18.06	14.57																				
	KW	1.45	1.45	1.44	1.46	1.61	1.61	1.60	1.62	1.79	1.79	1.78	1.80	1.98	1.98	1.98	1.99	2.20	2.20	2.20	2.21	2.46	2.46	2.45	2.46	2.46	2.46	2.45	2.46																				
945	Amps	5.10	5.10	5.08	5.14	5.80	5.80	5.79	5.84	6.59	6.58	6.57	6.62	7.43	7.43	7.42	7.47	8.38	8.37	8.36	8.42	9.49	9.49	9.47	9.53	9.49	9.49	9.47	9.53																				
	Hi PR	247	248	250	254	286	287	289	293	327	328	329	334	370	371	373	377	417	418	420	424	467	469	470	475	467	469	470	475																				
	Lo PR	131	133	136	142	139	141	144	150	146	148	151	157	152	154	157	163	158	159	163	168	165	167	170	175	165	167	170	175																				
	MBh	26.4	26.7	27.5	28.7	26.1	26.5	27.3	28.4	25.5	25.8	26.6	27.8	24.3	24.7	25.4	26.6	22.9	23.3	24.0	25.2	21.6	22.0	22.7	23.9	21.6	22.0	22.7	23.9																				
	S/T	1.00	0.81	0.67	0.51	1.00	0.82	0.67	0.52	1.00	0.85	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.75	0.59	1.00	1.00	0.80	0.65	1.00	1.00	0.80	0.65																				
735	ΔT	21.51	19.70	16.32	12.83	21.46	19.65	16.27	12.78	21.71	19.90	16.53	13.03	21.44	19.63	16.26	12.76	21.20	19.39	16.01	12.52	22.33	20.52	17.15	13.65	22.33	20.52	17.15	13.65																				
	KW	1.45	1.45	1.45	1.46	1.62	1.61	1.61	1.62	1.80	1.79	1.79	1.80	1.99	1.99	1.99	2.00	2.21	2.21	2.20	2.22	2.46	2.46	2.46	2.47	2.46	2.46	2.46	2.47																				
	Amps	5.13	5.13	5.11	5.17	5.83	5.83	5.82	5.87	6.62	6.61	6.60	6.65	7.46	7.46	7.45	7.50	8.41	8.41	8.39	8.45	9.52	9.52	9.50	9.56	9.52	9.52	9.50	9.56																				
	Hi PR	249	250	252	256	288	289	291	295	329	330	331	336	372	373	375	379	419	420	422	426	469	471	472	477	469	471	472	477																				
	Lo PR	134	135	138	144	141	143	146	152	148	150	153	159	154	156	159	165	160	162	165	170	167	169	172	178	167	169	172	178																				

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

EXPANDED COOLING DATA — DP5GM36***41 STAGE 1 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB 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
735	MBh	25.8	26.1	26.9	28.0	25.5	25.9	26.6	27.8	24.9	25.2	26.0	27.1	23.7	24.1	24.8	26.0	22.3	22.7	23.4	24.6	21.0	21.4	22.1	23.3
	S/T	1.00	0.85	0.70	0.55	1.00	0.86	0.71	0.55	1.00	1.00	0.74	0.58	1.00	1.00	0.76	0.60	1.00	1.00	0.78	0.63	1.00	1.00	0.78	0.63
	ΔT	27.52	25.71	22.34	18.84	27.47	25.66	22.29	18.79	27.72	25.91	22.54	19.04	27.45	25.64	22.27	18.77	27.21	25.40	22.03	18.53	28.34	26.53	23.16	19.66
	KW	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	1.98	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.45	2.45	2.45	2.46
	Amps	5.07	5.06	5.05	5.11	5.77	5.77	5.75	5.81	6.55	6.55	6.54	6.59	7.40	7.40	7.38	7.44	8.35	8.34	8.33	8.38	9.46	9.45	9.44	9.49
	Hi PR	246	247	249	253	284	286	287	291	325	326	328	332	369	370	371	376	416	417	418	423	466	467	469	473
Lo PR	130	132	134	141	138	140	143	148	145	147	150	155	151	152	156	161	156	158	161	167	164	165	169	174	
80	MBh	26.1	26.4	27.2	28.4	25.9	26.2	27.0	28.2	25.2	25.6	26.3	27.5	24.0	24.4	25.2	26.3	22.6	23.0	23.8	24.9	21.3	21.7	22.5	23.6
	S/T	1.00	0.91	0.77	0.61	1.00	0.92	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.69	1.00	1.00	0.85	0.69
	ΔT	26.43	24.62	21.24	17.75	26.38	24.57	21.19	17.70	26.63	24.82	21.45	17.95	26.36	24.55	21.18	17.68	26.12	24.31	20.93	17.44	27.25	25.44	22.07	18.57
	KW	1.45	1.45	1.44	1.46	1.61	1.61	1.61	1.62	1.79	1.79	1.79	1.80	1.98	1.98	1.98	1.99	2.20	2.20	2.20	2.21	2.46	2.46	2.45	2.47
	Amps	5.11	5.10	5.09	5.14	5.81	5.80	5.79	5.84	6.59	6.58	6.57	6.63	7.44	7.43	7.42	7.47	8.38	8.38	8.37	8.42	9.49	9.49	9.48	9.53
	Hi PR	248	249	251	255	287	288	289	294	327	328	330	334	371	372	373	378	418	419	420	425	468	469	471	475
Lo PR	132	134	137	142	140	142	145	150	147	148	152	157	153	154	158	163	158	160	163	169	166	167	170	176	
945	MBh	26.5	26.9	27.6	28.8	26.3	26.6	27.4	28.6	25.6	26.0	26.7	27.9	24.4	24.8	25.6	26.7	23.0	23.4	24.2	25.3	21.8	22.1	22.9	24.0
	S/T	1.00	0.95	0.80	0.65	1.00	0.96	0.81	0.66	1.00	1.00	0.84	0.68	1.00	1.00	0.86	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.88	0.73
	ΔT	25.51	23.70	20.32	16.83	25.46	23.65	20.27	16.78	25.71	23.90	20.53	17.03	25.44	23.63	20.26	16.76	25.20	23.39	20.01	16.52	26.33	24.52	21.15	17.65
	KW	1.45	1.45	1.45	1.46	1.62	1.61	1.61	1.62	1.80	1.80	1.79	1.80	1.99	1.99	1.99	2.00	2.21	2.21	2.20	2.22	2.46	2.46	2.46	2.47
	Amps	5.14	5.13	5.12	5.17	5.84	5.83	5.82	5.87	6.62	6.61	6.60	6.66	7.47	7.46	7.45	7.50	8.41	8.41	8.40	8.45	9.53	9.52	9.51	9.56
	Hi PR	250	251	253	257	289	290	291	296	329	330	332	336	373	374	375	380	420	421	423	427	470	471	473	477
Lo PR	134	136	139	145	142	144	147	152	149	151	154	159	155	156	160	165	161	162	165	171	168	169	173	178	
735	MBh	26.2	26.5	27.3	28.5	26.0	26.3	27.1	28.2	25.3	25.6	26.4	27.6	24.1	24.5	25.3	26.4	22.7	23.1	23.9	25.0	21.4	21.8	22.6	23.7
	S/T	1.00	0.96	0.81	0.66	1.00	1.00	0.82	0.66	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.71	1.00	1.00	0.90	0.74	1.00	1.00	0.90	0.74
	ΔT	31.07	29.26	25.88	22.39	31.02	29.21	25.83	22.34	31.27	29.46	26.09	22.59	31.00	29.19	25.82	22.32	30.76	28.95	25.57	22.08	31.89	30.08	26.71	23.21
	KW	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	1.98	1.98	1.97	1.99	2.20	2.20	2.19	2.21	2.45	2.45	2.45	2.46
	Amps	5.08	5.08	5.06	5.12	5.78	5.78	5.77	5.82	6.57	6.56	6.55	6.60	7.41	7.41	7.40	7.45	8.36	8.36	8.34	8.40	9.47	9.47	9.45	9.51
	Hi PR	247	248	250	254	286	287	288	293	326	327	329	333	370	371	373	377	417	418	420	424	467	468	470	474
Lo PR	132	134	137	143	140	142	145	150	147	148	152	157	153	154	158	163	158	160	163	169	166	167	171	176	
85	MBh	26.5	26.9	27.6	28.8	26.3	26.7	27.4	28.6	25.6	26.0	26.7	27.9	24.5	24.8	25.6	26.8	23.1	23.4	24.2	25.4	21.8	22.1	22.9	24.1
	S/T	1.00	1.00	0.88	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.86
	ΔT	29.97	28.17	24.79	21.30	29.92	28.12	24.74	21.25	30.18	28.37	25.00	21.50	29.91	28.10	24.72	21.23	29.66	27.86	24.48	20.99	30.80	28.99	25.61	22.12
	KW	1.45	1.45	1.45	1.46	1.61	1.61	1.61	1.62	1.79	1.79	1.79	1.80	1.99	1.99	1.98	2.00	2.21	2.20	2.20	2.21	2.46	2.46	2.46	2.47
	Amps	5.12	5.11	5.10	5.16	5.82	5.81	5.80	5.86	6.60	6.60	6.59	6.64	7.45	7.45	7.43	7.49	8.40	8.39	8.38	8.43	9.51	9.50	9.49	9.54
	Hi PR	249	250	252	256	288	289	290	295	328	329	331	335	372	373	375	379	419	420	422	426	469	470	472	476
Lo PR	134	136	139	144	142	143	147	152	149	150	154	159	155	156	160	165	160	162	165	171	168	169	172	178	
945	MBh	26.9	27.3	28.0	29.2	26.7	27.1	27.8	29.0	26.0	26.4	27.2	28.3	24.9	25.2	26.0	27.2	23.5	23.8	24.6	25.8	22.2	22.5	23.3	24.5
	S/T	1.00	1.00	0.91	0.76	1.00	1.00	0.92	0.77	1.00	1.00	0.95	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.89
	ΔT	29.05	27.25	23.87	20.38	29.01	27.20	23.82	20.33	29.26	27.45	24.08	20.58	28.99	27.18	23.80	20.31	28.75	26.94	23.56	20.07	29.88	28.07	24.69	21.20
	KW	1.46	1.46	1.45	1.47	1.62	1.62	1.62	1.63	1.80	1.80	1.80	1.81	1.99	1.99	1.99	2.00	2.21	2.21	2.21	2.22	2.47	2.47	2.46	2.48
	Amps	5.15	5.14	5.13	5.19	5.85	5.85	5.83	5.89	6.63	6.63	6.62	6.67	7.48	7.48	7.46	7.52	8.43	8.42	8.41	8.46	9.54	9.53	9.52	9.58
	Hi PR	251	252	254	258	290	291	292	297	330	331	333	337	374	375	377	381	421	422	424	428	471	472	474	478
Lo PR	136	138	141	147	144	146	149	154	151	152	156	161	157	158	162	167	162	164	167	173	170	171	175	180	

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

EXPANDED COOLING DATA — DP5GM36***41 STAGE 2

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												105°F												115°F											
		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	59	63	67	71								
70	1050	MBh	35.6	36.1	37.2	-	35.3	35.8	36.9	-	34.4	34.9	35.9	-	32.8	33.3	34.3	-	30.8	31.3	32.4	-	29.0	29.5	30.6	-											
		S/T	0.64	0.56	0.42	-	0.65	0.56	0.42	-	0.67	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.64	0.49	-	1.00	0.69	0.55	-											
		ΔT	20.25	18.38	14.88	-	20.20	18.33	14.83	-	20.46	18.59	15.09	-	20.18	18.31	14.81	-	19.93	18.06	14.56	-	21.10	19.23	15.73	-											
		KW	2.29	2.29	2.28	-	2.55	2.54	2.54	-	2.83	2.83	2.83	-	3.14	3.14	3.14	-	3.49	3.49	3.48	-	3.89	3.89	3.89	-											
		Amps	8.06	8.05	8.03	-	9.18	9.17	9.15	-	10.42	10.41	10.39	-	11.77	11.76	11.74	-	13.27	13.26	13.25	-	15.04	15.03	15.01	-											
	Hi PR	256	257	259	-	297	298	300	-	339	340	342	-	385	386	388	-	434	435	437	-	487	488	489	-												
	Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	152	153	156	-	159	160	163	-												
	MBh	36.1	36.6	37.6	-	35.8	36.3	37.3	-	34.8	35.3	36.4	-	33.2	33.7	34.8	-	31.3	31.8	32.8	-	29.5	30.0	31.1	-												
	S/T	0.70	0.62	0.48	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-												
	ΔT	19.12	17.25	13.75	-	19.07	17.20	13.70	-	19.33	17.46	13.96	-	19.05	17.18	13.68	-	18.80	16.93	13.43	-	19.97	18.10	14.60	-												
KW	2.30	2.30	2.30	-	2.56	2.56	2.55	-	2.85	2.84	2.84	-	3.15	3.15	3.15	-	3.50	3.50	3.49	-	3.91	3.91	3.90	-													
Amps	8.12	8.11	8.09	-	9.23	9.22	9.21	-	10.48	10.47	10.45	-	11.83	11.82	11.80	-	13.33	13.32	13.30	-	15.10	15.09	15.07	-													
Hi PR	259	260	261	-	299	300	302	-	341	343	344	-	387	388	390	-	436	437	439	-	489	490	492	-													
Lo PR	128	129	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-													
MBh	36.6	37.1	38.2	-	36.3	36.8	37.9	-	35.4	35.9	37.0	-	33.8	34.3	35.4	-	31.8	32.3	33.4	-	30.0	30.6	31.6	-													
S/T	0.74	0.66	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.73	0.59	-	1.00	1.00	0.65	-													
ΔT	18.17	16.29	12.80	-	18.12	16.24	12.75	-	18.38	16.51	13.01	-	18.10	16.22	12.73	-	17.85	15.97	12.48	-	19.02	17.15	13.65	-													
KW	2.31	2.31	2.31	-	2.57	2.57	2.56	-	2.86	2.85	2.85	-	3.17	3.16	3.16	-	3.51	3.51	3.51	-	3.92	3.92	3.91	-													
Amps	8.17	8.16	8.14	-	9.28	9.27	9.25	-	10.53	10.52	10.50	-	11.87	11.87	11.85	-	13.38	13.37	13.35	-	15.15	15.14	15.12	-													
Hi PR	261	262	264	-	301	302	304	-	344	345	346	-	389	390	392	-	438	439	441	-	491	492	494	-													
Lo PR	130	131	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	157	160	-	163	164	167	-													
75	1050	MBh	35.6	36.1	37.2	38.8	35.3	35.8	36.9	38.5	34.4	34.9	35.9	37.6	32.8	33.3	34.3	36.0	30.8	31.3	32.4	34.0	29.0	29.5	30.6	32.2											
		S/T	0.77	0.69	0.55	0.40	1.00	0.70	0.56	0.41	1.00	0.73	0.58	0.43	1.00	0.75	0.60	0.45	1.00	0.77	0.63	0.48	1.00	1.00	0.68	0.53											
		ΔT	24.37	22.50	19.00	15.38	24.32	22.45	18.95	15.33	24.58	22.71	19.21	15.59	24.30	22.43	18.93	15.31	24.05	22.18	18.68	15.06	25.22	23.35	19.85	16.23											
		KW	2.29	2.29	2.28	2.30	2.54	2.54	2.54	2.56	2.83	2.83	2.82	2.84	3.14	3.14	3.13	3.15	3.49	3.48	3.48	3.50	3.89	3.89	3.89	3.91											
		Amps	8.05	8.04	8.03	8.11	9.17	9.16	9.14	9.23	10.41	10.40	10.39	10.47	11.76	11.75	11.73	11.82	13.27	13.26	13.24	13.32	15.03	15.02	15.00	15.09											
	Hi PR	257	258	260	264	297	298	300	304	339	341	342	347	385	386	388	392	434	435	437	442	487	488	490	494												
	Lo PR	126	128	131	136	134	135	138	144	140	142	145	151	146	148	151	156	152	152	153	156	162	159	160	163	169											
	MBh	36.1	36.6	37.7	39.3	35.8	36.3	37.3	39.0	34.8	35.4	36.4	38.0	33.2	33.8	34.8	36.4	33.8	31.3	31.8	32.9	34.5	29.5	30.0	31.1	32.7											
	S/T	0.84	0.76	0.61	0.46	1.00	0.76	0.62	0.47	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.81	0.67	0.52	0.54	1.00	1.00	0.75	0.60											
	ΔT	23.24	21.36	17.87	14.25	23.19	21.31	17.82	14.19	23.45	21.58	18.08	14.46	23.17	21.29	17.80	14.17	22.92	21.04	17.55	13.92	24.09	22.22	18.72	15.10												
KW	2.30	2.30	2.29	2.31	2.56	2.55	2.55	2.57	2.84	2.84	2.84	2.86	3.15	3.15	3.15	3.17	3.50	3.50	3.49	3.51	3.91	3.91	3.90	3.92													
Amps	8.11	8.10	8.08	8.17	9.23	9.22	9.20	9.28	10.47	10.46	10.44	10.53	11.82	11.81	11.79	11.88	13.32	13.31	13.30	13.38	15.09	15.08	15.06	15.15													
Hi PR	259	260	262	266	299	300	302	307	342	343	345	349	387	388	390	395	436	436	438	444	489	490	492	496													
Lo PR	128	129	133	138	136	137	140	146	142	144	147	152	148	150	153	158	154	154	155	158	164	161	162	165	171												
MBh	36.7	37.2	38.2	39.9	36.3	36.8	37.9	39.5	35.4	35.9	37.0	38.6	33.8	34.3	35.4	37.0	33.8	31.9	32.4	33.4	35.0	30.1	30.6	31.6	33.3												
S/T	0.87	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.83	0.68	0.53	1.00	0.85	0.70	0.55	1.00	0.85	0.70	0.55	0.58	1.00	1.00	0.78	0.63												
ΔT	22.29	20.41	16.92	13.29	22.23	20.36	16.86	13.24	22.50	20.62	17.13	13.50	22.21	20.34	16.85	13.22	21.96	20.09	16.59	12.97	23.14	21.26	17.77	14.14													
KW	2.31	2.31	2.31	2.32	2.57	2.57	2.56	2.58	2.85	2.85	2.85	2.87	3.16	3.16	3.16	3.18	3.51	3.51	3.51	3.50	3.92	3.92	3.91	3.93													
Amps	8.16	8.15	8.13	8.22	9.27	9.27	9.25	9.33	10.52	10.51	10.49	10.58	11.87	11.86	11.84	11.92	13.37	13.36	13.34	13.43	15.14	15.13	15.11	15.20													
Hi PR	261	262	264	268	301	302	304	309	344	345	347	351	389	390	392	397	439	439	440	441	446	491	492	494	498												
Lo PR	130	132	135	140	138	139	142	148	144	146	149	154	150	152	155	160	156	156	157	160	166	163	164	167	173												

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

EXPANDED COOLING DATA — DP5GM36***41 STAGE 2 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB 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
1050	MBh	35.8	36.3	37.4	39.0	35.5	36.0	37.1	38.7	34.6	35.1	36.1	37.8	33.0	33.5	34.5	36.2	31.0	31.5	32.6	34.2	29.2	29.7	30.8	32.4
	S/T	1.00	0.83	0.68	0.53	1.00	0.83	0.69	0.54	1.00	0.86	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.76	0.61	1.00	1.00	0.81	0.66
	ΔT	28.52	26.64	23.15	19.52	28.46	26.59	23.09	19.47	28.73	26.85	23.36	19.73	28.44	26.57	23.08	19.45	28.19	26.32	22.82	19.20	29.37	27.49	24.00	20.37
	KW	2.29	2.29	2.28	2.30	2.55	2.54	2.54	2.56	2.83	2.83	2.82	2.84	3.14	3.14	3.13	3.15	3.49	3.49	3.48	3.50	3.89	3.89	3.89	3.91
	Amps	8.06	8.05	8.03	8.12	9.17	9.17	9.15	9.23	10.42	10.41	10.39	10.48	11.77	11.76	11.74	11.82	13.27	13.26	13.24	13.33	15.04	15.03	15.01	15.09
80	Hi-PR	257	258	260	264	298	299	300	305	340	341	343	347	386	387	388	393	435	436	438	442	487	488	490	495
	Lo-PR	127	128	131	137	134	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169
	MBh	36.3	36.8	37.8	39.5	36.0	36.5	37.5	39.2	35.0	35.5	36.6	38.2	33.4	33.9	35.0	36.6	31.5	32.0	33.0	34.7	29.7	30.2	31.3	32.9
	S/T	1.00	0.89	0.75	0.60	1.00	0.90	0.75	0.60	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.88	0.73
	ΔT	27.38	25.51	22.01	18.39	27.33	25.46	21.96	18.34	27.60	25.72	22.23	18.60	27.31	25.44	21.94	18.32	27.06	25.19	21.69	18.07	28.24	26.36	22.87	19.24
1200	KW	2.30	2.30	2.30	2.32	2.56	2.56	2.55	2.57	2.84	2.84	2.84	2.86	3.15	3.15	3.15	3.17	3.50	3.50	3.49	3.51	3.91	3.90	3.90	3.92
	Amps	8.12	8.11	8.09	8.17	9.23	9.22	9.20	9.29	10.48	10.47	10.45	10.53	11.82	11.82	11.80	11.88	13.33	13.32	13.30	13.39	15.10	15.09	15.07	15.15
	Hi-PR	259	260	262	267	300	301	303	307	342	343	345	349	388	389	391	395	437	438	440	444	489	491	492	497
	Lo-PR	128	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171
	MBh	36.8	37.3	38.4	40.0	36.5	37.0	38.1	39.7	35.6	36.1	37.2	38.8	34.0	34.5	35.6	37.2	32.0	32.5	33.6	35.2	30.3	30.8	31.8	33.4
1350	S/T	1.00	0.93	0.78	0.63	1.00	0.93	0.79	0.64	1.00	1.00	0.82	0.66	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.71	1.00	1.00	1.00	0.76
	ΔT	26.43	24.56	21.06	17.44	26.38	24.51	21.01	17.39	26.64	24.77	21.27	17.65	26.36	24.49	20.99	17.37	26.11	24.24	20.74	17.12	27.28	25.41	21.91	18.29
	KW	2.31	2.31	2.31	2.33	2.57	2.57	2.56	2.58	2.86	2.85	2.85	2.87	3.17	3.16	3.16	3.18	3.51	3.51	3.51	3.53	3.92	3.92	3.91	3.93
	Amps	8.17	8.16	8.14	8.22	9.28	9.27	9.25	9.34	10.53	10.52	10.50	10.58	11.87	11.86	11.84	11.93	13.38	13.37	13.35	13.44	15.14	15.14	15.12	15.20
	Hi-PR	261	262	264	269	302	303	305	309	344	345	347	352	390	391	393	397	439	440	442	446	492	493	494	499
85	Lo-PR	131	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173
	MBh	36.4	36.9	38.0	39.6	36.1	36.6	37.7	39.3	35.2	35.7	36.7	38.4	33.6	34.1	35.1	36.8	31.6	32.1	33.2	34.8	29.8	30.3	31.4	33.0
	S/T	1.00	0.93	0.79	0.64	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77
	ΔT	32.19	30.32	26.82	23.20	32.14	30.27	26.77	23.15	32.40	30.53	27.03	23.41	32.12	30.25	26.75	23.13	31.87	30.00	26.50	22.88	33.04	31.17	27.67	24.05
	KW	2.29	2.29	2.29	2.31	2.55	2.55	2.54	2.56	2.84	2.83	2.83	2.85	3.15	3.14	3.14	3.16	3.49	3.49	3.49	3.51	3.90	3.90	3.89	3.91
1050	Amps	8.08	8.07	8.05	8.14	9.20	9.19	9.17	9.25	10.44	10.43	10.41	10.51	11.79	11.78	11.76	11.85	13.29	13.28	13.26	13.35	15.06	15.05	15.03	15.12
	Hi-PR	258	259	261	266	299	300	302	306	341	342	344	349	387	388	390	394	436	437	439	443	488	490	491	496
	Lo-PR	128	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171
	MBh	36.9	37.4	38.4	40.1	36.6	37.1	38.1	39.8	35.6	36.1	37.2	38.8	34.0	34.5	35.6	37.2	32.1	32.6	33.6	35.3	30.3	30.8	31.9	33.5
	S/T	1.00	1.00	0.85	0.70	1.00	1.00	0.86	0.71	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.90	0.78	1.00	1.00	1.00	0.83
1200	ΔT	31.06	29.19	25.69	22.07	31.01	29.14	25.64	22.02	31.27	29.40	25.90	22.28	30.99	29.12	25.62	22.00	30.74	28.87	25.37	21.75	31.91	30.04	26.54	22.92
	KW	2.31	2.30	2.30	2.32	2.56	2.56	2.56	2.58	2.85	2.85	2.84	2.86	3.16	3.16	3.15	3.17	3.51	3.50	3.50	3.52	3.91	3.91	3.91	3.93
	Amps	8.14	8.13	8.11	8.20	9.25	9.24	9.23	9.31	10.50	10.49	10.47	10.56	11.85	11.84	11.82	11.90	13.35	13.34	13.32	13.41	15.12	15.11	15.09	15.17
	Hi-PR	260	262	263	268	301	302	304	308	343	344	346	351	389	390	392	396	438	439	441	446	491	492	494	498
	Lo-PR	130	132	135	140	138	140	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173
1350	MBh	37.4	37.9	39.0	40.6	37.1	37.6	38.7	40.3	36.2	36.7	37.8	39.4	34.6	35.1	36.2	37.8	32.6	33.1	34.2	35.8	30.9	31.4	32.4	34.0
	S/T	1.00	1.00	0.89	0.74	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.79	1.00	1.00	0.90	0.82	1.00	1.00	1.00	0.87
	ΔT	30.11	28.24	24.74	21.12	30.06	28.18	24.69	21.06	30.32	28.45	24.95	21.33	30.04	28.17	24.67	21.05	29.79	27.91	24.42	20.80	30.96	29.09	25.59	21.97
	KW	2.32	2.32	2.31	2.33	2.57	2.57	2.57	2.59	2.86	2.86	2.85	2.87	3.17	3.17	3.16	3.18	3.52	3.51	3.51	3.53	3.92	3.92	3.92	3.94
	Amps	8.19	8.18	8.16	8.24	9.30	9.29	9.27	9.36	10.55	10.54	10.52	10.60	11.89	11.89	11.87	11.95	13.40	13.39	13.37	13.46	15.17	15.16	15.14	15.22
1350	Hi-PR	263	264	265	270	303	304	306	310	345	347	348	353	391	392	394	398	440	441	443	448	493	494	496	500
	Lo-PR	132	134	137	143	140	142	145	150	147	148	152	157	152	154	157	163	158	160	163	168	165	167	170	175

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHR1 conditions
 kW = total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DP5GM42***41 STAGE 1

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
		ENTERING INDOOR WET BULB TEMPERATURE																																			
70	MBh	30.0	30.4	31.3	-	29.7	30.2	31.1	-	29.0	29.4	30.3	-	27.6	28.0	28.9	-	26.0	26.4	27.3	-	24.5	24.9	25.8	-	24.5	24.9	25.8	-	24.5	24.9	25.8	-				
	S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-				
	ΔT	20.27	18.39	14.88	-	20.21	18.34	14.83	-	20.48	18.60	15.09	-	20.19	18.32	14.81	-	19.94	18.06	14.56	-	19.12	17.24	13.73	-	21.12	19.24	15.73	-	21.12	19.24	15.73	-				
	KW	1.66	1.66	1.66	-	1.86	1.86	1.86	-	2.08	2.08	2.07	-	2.32	2.31	2.31	-	2.58	2.58	2.58	-	2.89	2.89	2.89	-	2.89	2.89	2.89	-	2.89	2.89	2.89	-				
	Amps	5.94	5.93	5.92	-	6.79	6.78	6.77	-	7.74	7.73	7.72	-	8.77	8.76	8.75	-	9.92	9.91	9.90	-	11.27	11.26	11.25	-	11.27	11.26	11.25	-	11.27	11.26	11.25	-				
	Hi PR	255	256	258	-	296	297	298	-	338	339	341	-	383	384	386	-	432	433	435	-	484	486	487	-	484	486	487	-	484	486	487	-				
	Lo PR	128	129	133	-	136	137	141	-	142	144	147	-	148	150	153	-	154	155	159	-	161	163	166	-	161	163	166	-	161	163	166	-				
	MBh	30.4	30.8	31.7	-	30.1	30.5	31.4	-	29.3	29.8	30.7	-	28.0	28.4	29.3	-	26.3	26.8	27.7	-	24.8	25.3	26.2	-	24.8	25.3	26.2	-	24.8	25.3	26.2	-				
	S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-				
	ΔT	19.18	17.30	13.79	-	19.13	17.25	13.74	-	19.39	17.51	14.01	-	19.11	17.23	13.72	-	18.86	16.98	13.47	-	20.04	18.16	14.65	-	20.04	18.16	14.65	-	20.04	18.16	14.65	-				
KW	1.67	1.67	1.67	-	1.87	1.87	1.87	-	2.09	2.09	2.08	-	2.33	2.32	2.32	-	2.59	2.59	2.58	-	2.90	2.90	2.89	-	2.90	2.90	2.89	-	2.90	2.90	2.89	-					
Amps	5.98	5.97	5.96	-	6.83	6.83	6.81	-	7.78	7.78	7.76	-	8.81	8.80	8.79	-	9.96	9.95	9.94	-	11.31	11.30	11.29	-	11.31	11.30	11.29	-	11.31	11.30	11.29	-					
Hi PR	257	258	260	-	298	299	301	-	340	341	343	-	385	386	388	-	434	435	437	-	487	488	489	-	487	488	489	-	487	488	489	-					
Lo PR	130	131	135	-	137	139	142	-	144	146	149	-	150	152	155	-	156	157	161	-	163	164	168	-	163	164	168	-	163	164	168	-					
MBh	30.8	31.3	32.2	-	30.6	31.0	31.9	-	29.8	30.2	31.1	-	28.4	28.9	29.8	-	26.8	27.2	28.1	-	25.3	25.7	26.6	-	25.3	25.7	26.6	-	25.3	25.7	26.6	-					
S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-					
ΔT	18.26	16.38	12.87	-	18.21	16.33	12.82	-	18.47	16.59	13.09	-	18.19	16.31	12.80	-	17.94	16.06	12.55	-	19.12	17.24	13.73	-	19.12	17.24	13.73	-	19.12	17.24	13.73	-					
KW	1.68	1.68	1.68	-	1.88	1.88	1.87	-	2.10	2.10	2.09	-	2.33	2.33	2.33	-	2.60	2.60	2.59	-	2.91	2.91	2.90	-	2.91	2.91	2.90	-	2.91	2.91	2.90	-					
Amps	6.02	6.01	6.00	-	6.87	6.86	6.85	-	7.82	7.81	7.80	-	8.85	8.84	8.83	-	10.00	9.99	9.97	-	11.34	11.34	11.32	-	11.34	11.34	11.32	-	11.34	11.34	11.32	-					
Hi PR	259	260	262	-	300	301	303	-	342	343	345	-	387	388	390	-	436	437	439	-	489	490	491	-	489	490	491	-	489	490	491	-					
Lo PR	132	133	137	-	139	141	144	-	146	148	151	-	152	154	157	-	158	159	163	-	165	166	170	-	165	166	170	-	165	166	170	-					
75	MBh	30.0	30.4	31.3	32.7	29.8	30.2	31.1	32.4	29.0	29.4	30.3	31.7	27.6	28.0	28.9	30.3	26.0	26.4	27.3	28.7	24.5	24.9	25.8	27.2	24.5	24.9	25.8	27.2								
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
	ΔT	24.40	22.52	19.01	15.38	24.34	22.47	18.96	15.32	24.61	22.73	19.22	15.59	24.33	22.45	18.94	15.30	24.07	22.20	18.69	15.05	25.25	23.37	19.86	16.23	25.25	23.37	19.86	16.23								
	KW	1.66	1.66	1.66	1.67	1.86	1.86	1.85	1.87	2.08	2.08	2.07	2.09	2.31	2.31	2.31	2.32	2.58	2.58	2.57	2.59	2.89	2.89	2.88	2.90	2.89	2.89	2.88	2.90								
	Amps	5.93	5.93	5.91	5.98	6.78	6.78	6.76	6.83	7.74	7.73	7.71	7.78	8.76	8.76	8.74	8.81	9.91	9.91	9.89	9.96	11.26	11.25	11.24	11.30	11.26	11.25	11.24	11.30								
	Hi PR	256	257	258	263	296	297	299	303	338	339	341	345	383	385	386	391	432	433	435	440	485	486	488	492	485	486	488	492								
	Lo PR	128	130	133	138	136	137	141	146	143	144	147	153	148	150	153	159	154	156	159	164	161	163	166	171	161	163	166	171								
	MBh	30.4	30.8	31.7	33.1	30.1	30.6	31.5	32.8	29.4	29.8	30.7	32.0	28.0	28.4	29.3	30.7	26.4	26.8	27.7	29.0	24.9	25.3	26.2	27.5	24.9	25.3	26.2	27.5								
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
	ΔT	23.31	21.43	17.92	14.29	23.26	21.38	17.87	14.24	23.52	21.65	18.14	14.50	23.24	21.36	17.85	14.22	22.99	21.11	17.60	13.97	24.17	22.29	18.78	15.14	24.17	22.29	18.78	15.14								
KW	1.67	1.67	1.67	1.68	1.87	1.87	1.86	1.88	2.09	2.09	2.08	2.10	2.32	2.32	2.32	2.33	2.59	2.59	2.58	2.60	2.90	2.90	2.89	2.91	2.90	2.90	2.89	2.91									
Amps	5.98	5.97	5.95	6.02	6.83	6.82	6.81	6.87	7.78	7.77	7.76	7.82	8.81	8.80	8.78	8.85	9.95	9.95	9.93	10.00	11.30	11.30	11.28	11.35	11.30	11.30	11.28	11.35									
Hi PR	258	259	260	265	298	299	301	305	340	341	343	347	385	387	388	393	434	436	437	442	487	488	490	494	487	488	490	494									
Lo PR	130	131	135	140	138	139	142	148	144	146	149	155	150	152	155	160	156	157	161	166	163	164	168	173	163	164	168	173									
MBh	30.9	31.3	32.2	33.5	30.6	31.0	31.9	33.3	29.8	30.2	31.1	32.5	28.5	28.9	29.8	31.1	26.8	27.2	28.1	29.5	25.3	25.7	26.6	28.0	25.3	25.7	26.6	28.0									
S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00									
ΔT	22.39	20.51	17.00	13.37	22.34	20.46	16.95	13.32	22.60	20.73	17.22	13.58	22.32	20.44	16.93	13.30	22.07	20.19	16.68	13.05	23.25	21.37	17.86	14.23	23.25	21.37	17.86	14.23									
KW	1.68	1.68	1.68	1.69	1.88	1.88	1.87	1.89	2.10	2.09	2.09	2.11	2.33	2.33	2.33	2.34	2.60	2.60	2.59	2.61	2.91	2.91	2.90	2.92	2.91	2.91	2.90	2.92									
Amps	6.01	6.00	5.99	6.06	6.86	6.86	6.84	6.91	7.81	7.81	7.79	7.86	8.84	8.83	8.82	8.89	9.99	9.98	9.97	10.03	11.34	11.33	11.32	11.38	11.34	11.33	11.32	11.38									
Hi PR	260	261	263	267	300	301	303	307	342	343	345	349	388	389	390	395	436	438	439	444	489	490	492	496	489	490	492	496									
Lo PR	132	133	137	142	140	141	144	150	146	148	151	157	152	154	157	162	158	159	163	168	165	166	170	175	165	166	170	175									

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area reflects ACCA (TVA) conditions.

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — DP5GM42***41 STAGE 1 (CONT.)

IDB		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	59	63	67	71								
		ENTERING INDOOR WET BULB TEMPERATURE																																			
		ENTERING INDOOR WET BULB TEMPERATURE																																			
770	MBh	30.2	30.6	31.5	32.9	29.9	30.3	31.2	32.6	29.1	29.6	30.4	31.8	27.8	28.2	29.1	30.5	26.1	26.6	27.5	28.8	24.6	25.1	25.9	27.3	26.1	26.6	27.5	28.8	24.6	25.1	25.9	27.3				
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
	ΔT	28.56	26.68	23.17	19.53	28.50	26.63	23.12	19.48	28.77	26.89	23.38	19.75	28.48	26.61	23.10	19.46	28.23	26.35	22.85	19.21	29.41	27.53	24.02	20.39	28.23	26.35	22.85	19.21	29.41	27.53	24.02	20.39				
	KW	1.66	1.66	1.66	1.67	1.86	1.86	1.86	1.87	2.08	2.08	2.07	2.09	2.32	2.31	2.31	2.33	2.58	2.58	2.57	2.59	2.89	2.89	2.89	2.88	2.90	2.58	2.58	2.57	2.59	2.89	2.89	2.89	2.88	2.90		
	Amps	5.94	5.93	5.92	5.98	6.79	6.78	6.77	6.83	7.74	7.73	7.72	7.78	8.77	8.76	8.75	8.81	9.92	9.91	9.90	9.96	11.27	11.26	11.24	11.31	9.92	9.91	9.90	9.96	11.27	11.26	11.24	11.31				
	Hi PR	256	257	259	263	296	297	299	304	338	340	341	346	384	385	387	391	433	434	436	440	485	486	488	492	433	434	436	440	485	486	488	492				
	Lo PR	128	130	133	139	136	138	141	147	143	145	148	153	149	150	154	159	154	156	159	165	162	163	166	172	154	156	159	165	162	163	166	172				
	MBh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	33.0	29.5	29.9	30.8	32.2	28.2	28.6	29.5	30.8	26.5	26.9	27.8	29.2	25.0	25.4	26.3	27.7	26.5	26.9	27.8	29.2	25.0	25.4	26.3	27.7				
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
	ΔT	27.47	25.59	22.08	18.45	27.42	25.54	22.03	18.40	27.68	25.80	22.30	18.66	27.40	25.52	22.01	18.38	27.15	25.27	21.76	18.13	28.32	26.45	22.94	19.30	27.15	25.27	21.76	18.13	28.32	26.45	22.94	19.30				
KW	1.67	1.67	1.67	1.68	1.87	1.87	1.87	1.88	2.09	2.09	2.08	2.10	2.33	2.32	2.32	2.34	2.59	2.59	2.58	2.60	2.90	2.90	2.89	2.91	2.59	2.59	2.58	2.60	2.90	2.90	2.89	2.91					
Amps	5.98	5.97	5.96	6.02	6.83	6.82	6.81	6.88	7.78	7.78	7.76	7.83	8.81	8.80	8.79	8.85	9.96	9.95	9.94	10.00	11.31	11.30	11.29	11.35	9.96	9.95	9.94	10.00	11.31	11.30	11.29	11.35					
Hi PR	258	259	261	265	298	299	301	306	341	342	343	348	386	387	389	393	435	436	438	442	487	488	490	495	435	436	438	442	487	488	490	495					
Lo PR	130	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	167	163	165	168	174	156	158	161	167	163	165	168	174					
MBh	31.0	31.4	32.3	33.7	30.7	31.2	32.1	33.4	30.0	30.4	31.3	32.6	28.6	29.0	29.9	31.3	27.0	27.4	28.3	29.7	25.5	25.9	26.8	28.1	27.0	27.4	28.3	29.7	25.5	25.9	26.8	28.1					
S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					
ΔT	26.55	24.67	21.16	17.53	26.50	24.62	21.11	17.48	26.76	24.88	21.38	17.74	26.48	24.60	21.09	17.46	26.23	24.35	20.84	17.21	27.41	25.53	22.02	18.38	26.23	24.35	20.84	17.21	27.41	25.53	22.02	18.38					
KW	1.68	1.68	1.68	1.69	1.88	1.88	1.87	1.89	2.10	2.10	2.09	2.11	2.33	2.33	2.33	2.34	2.60	2.60	2.59	2.61	2.91	2.91	2.90	2.92	2.60	2.60	2.59	2.61	2.91	2.91	2.90	2.92					
Amps	6.02	6.01	5.99	6.06	6.87	6.86	6.85	6.91	7.82	7.81	7.80	7.86	8.85	8.84	8.82	8.89	10.00	9.99	9.97	10.04	11.34	11.34	11.32	11.39	10.00	9.99	9.97	10.04	11.34	11.34	11.32	11.39					
Hi PR	260	261	263	267	300	301	303	308	343	344	345	350	388	389	391	395	437	438	440	444	489	490	492	497	437	438	440	444	489	490	492	497					
Lo PR	132	134	137	143	140	142	145	150	147	148	152	157	153	154	157	163	158	160	163	169	165	167	170	176	158	160	163	169	165	167	170	176					
MBh	30.7	31.1	32.0	33.4	30.4	30.8	31.7	33.1	29.6	30.1	31.0	32.3	28.3	28.7	29.6	31.0	26.6	27.1	28.0	29.3	25.1	25.6	26.5	27.8	26.6	27.1	28.0	29.3	25.1	25.6	26.5	27.8					
S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					
ΔT	32.24	30.37	26.86	23.22	32.19	30.31	26.81	23.17	32.46	30.58	27.07	23.44	32.17	30.29	26.79	23.15	31.92	30.04	26.54	22.90	33.10	31.22	27.71	24.08	31.92	30.04	26.54	22.90	33.10	31.22	27.71	24.08					
KW	1.67	1.67	1.66	1.68	1.86	1.86	1.86	1.87	2.08	2.08	2.08	2.09	2.32	2.32	2.31	2.33	2.58	2.58	2.58	2.59	2.89	2.89	2.89	2.90	2.58	2.58	2.58	2.59	2.89	2.89	2.89	2.90					
Amps	5.95	5.95	5.93	6.00	6.81	6.80	6.78	6.85	7.76	7.75	7.73	7.80	8.78	8.78	8.76	8.83	9.93	9.93	9.91	9.98	11.28	11.27	11.26	11.33	9.93	9.93	9.91	9.98	11.28	11.27	11.26	11.33					
Hi PR	257	258	260	265	297	299	300	305	340	341	343	347	385	386	388	392	434	435	437	441	486	487	489	494	434	435	437	441	486	487	489	494					
Lo PR	130	132	135	141	138	140	143	148	145	147	150	155	151	152	156	161	156	158	161	167	163	165	168	174	156	158	161	167	163	165	168	174					
MBh	31.1	31.5	32.4	33.8	30.8	31.2	32.1	33.5	30.0	30.4	31.3	32.7	28.7	29.1	30.0	31.4	27.0	27.4	28.3	29.7	25.5	25.9	26.8	28.2	27.0	27.4	28.3	29.7	25.5	25.9	26.8	28.2					
S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					
ΔT	31.16	29.28	25.77	22.14	31.11	29.23	25.72	22.09	31.37	29.49	25.98	22.35	31.09	29.21	25.70	22.07	30.84	28.96	25.45	21.82	32.01	30.13	26.63	22.99	30.84	28.96	25.45	21.82	32.01	30.13	26.63	22.99					
KW	1.68	1.68	1.67	1.69	1.87	1.87	1.87	1.88	2.09	2.09	2.09	2.10	2.33	2.33	2.32	2.34	2.59	2.59	2.59	2.60	2.90	2.90	2.90	2.91	2.59	2.59	2.59	2.60	2.90	2.90	2.90	2.91					
Amps	6.00	5.99	5.98	6.04	6.85	6.84	6.83	6.89	7.80	7.79	7.78	7.84	8.83	8.82	8.81	8.87	9.98	9.97	9.95	10.02	11.32	11.32	11.30	11.37	9.98	9.97	9.95	10.02	11.32	11.32	11.30	11.37					
Hi PR	259	260	262	267	300	301	302	307	342	343	345	349	387	388	390	395	436	437	439	443	488	490	491	496	436	437	439	443	488	490	491	496					
Lo PR	132	134	137	142	140	142	145	150	147	148	152	157	153	154	157	163	158	160	163	168	165	167	170	176	158	160	163	168	165	167	170	176					
MBh	31.5	31.9	32.8	34.2	31.2	31.7	32.6	33.9	30.5	30.9	31.8	33.2	29.1	29.5	30.4	31.8	27.5	27.9	28.8	30.2	26.0	26.4	27.3	28.7	27.5	27.9	28.8	30.2	26.0	26.4	27.3	28.7					
S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					
ΔT	30.24	28.36	24.85	21.22	30.19	28.31	24.80	21.17	30.45	28.57	25.07	21.43	30.17	28.29	24.78	21.15	29.92	28.04	24.53	20.90	31.09	29.21	25.71	22.07	29.92	28.04	24.53	20.90	31.09	29.21	25.71	22.07					
KW	1.69	1.68	1.68	1.70	1.88	1.88	1.88	1.89	2.10	2.10	2.10	2.11	2.34	2.34	2.33	2.35	2.60	2.60	2.60	2.61	2.91	2.91	2.91	2.92	2.60	2.60	2.60	2.61	2.91	2.91	2.91	2.92					
Amps	6.03	6.0																																			

EXPANDED COOLING DATA — DP5GM42***41 STAGE 2

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	41.7	42.3	43.6	-	41.4	41.9	43.2	-	40.3	40.9	42.1	-	38.4	39.0	40.2	-	36.1	36.7	37.9	-	34.0	34.6	35.9	-
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	21.00	19.05	15.42	-	20.95	19.00	15.37	-	21.22	19.27	15.64	-	20.93	18.98	15.35	-	20.67	18.72	15.08	-	21.89	19.94	16.30	-
	KW	2.65	2.64	2.64	-	2.96	2.96	2.95	-	3.31	3.30	3.30	-	3.68	3.68	3.67	-	4.10	4.10	4.09	-	4.59	4.59	4.59	-
	Amps	9.44	9.43	9.41	-	10.80	10.78	10.76	-	12.31	12.30	12.27	-	13.94	13.93	13.91	-	15.77	15.76	15.73	-	17.91	17.90	17.88	-
	Hi PR	267	268	270	-	309	310	312	-	353	354	356	-	401	402	404	-	452	453	455	-	507	508	510	-
	Lo PR	124	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	157	158	161	-
	MBh	42.3	42.8	44.1	-	41.9	42.5	43.7	-	40.8	41.4	42.6	-	38.9	39.5	40.8	-	36.6	37.2	38.5	-	34.5	35.1	36.4	-
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	19.88	17.93	14.29	-	19.82	17.88	14.24	-	20.10	18.15	14.51	-	19.80	17.86	14.22	-	19.54	17.60	13.96	-	20.76	18.81	15.18	-
	KW	2.66	2.66	2.65	-	2.97	2.97	2.97	-	3.32	3.32	3.31	-	3.70	3.69	3.69	-	4.12	4.11	4.11	-	4.61	4.61	4.60	-
	Amps	9.51	9.50	9.48	-	10.86	10.85	10.83	-	12.37	12.36	12.34	-	14.01	14.00	13.97	-	15.84	15.82	15.80	-	17.98	17.97	17.94	-
Hi PR	269	270	272	-	311	312	314	-	355	357	359	-	403	404	406	-	454	455	457	-	509	510	512	-	
Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	151	153	156	-	158	160	163	-	
MBh	42.9	43.5	44.7	-	42.5	43.1	44.4	-	41.4	42.0	43.3	-	39.6	40.1	41.4	-	37.3	37.9	39.1	-	35.2	35.8	37.0	-	
S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
ΔT	18.92	16.98	13.34	-	18.87	16.92	13.29	-	19.14	17.20	13.56	-	18.85	16.90	13.27	-	18.59	16.64	13.01	-	19.81	17.86	14.23	-	
KW	2.68	2.67	2.67	-	2.99	2.98	2.98	-	3.33	3.33	3.33	-	3.71	3.71	3.70	-	4.13	4.13	4.12	-	4.62	4.62	4.62	-	
Amps	9.57	9.56	9.53	-	10.92	10.91	10.89	-	12.43	12.42	12.40	-	14.07	14.05	14.03	-	15.89	15.88	15.86	-	18.04	18.02	18.00	-	
Hi PR	271	272	274	-	313	315	316	-	358	359	361	-	405	406	408	-	456	457	459	-	511	512	514	-	
Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-	
75	MBh	41.8	42.3	43.6	45.5	41.4	42.0	43.2	45.1	40.3	40.9	42.1	44.0	38.4	39.0	40.3	42.2	36.1	36.7	38.0	39.9	34.0	34.6	35.9	37.8
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	25.28	23.33	19.70	15.93	25.23	23.28	19.65	15.88	25.50	23.55	19.92	16.15	25.21	23.26	19.63	15.86	24.95	23.00	19.37	15.60	26.17	24.22	20.58	16.82
	KW	2.64	2.64	2.64	2.66	2.96	2.95	2.95	2.97	3.30	3.30	3.30	3.32	3.68	3.68	3.67	3.70	4.10	4.10	4.09	4.12	4.59	4.59	4.58	4.61
	Amps	9.43	9.42	9.40	9.50	10.79	10.78	10.75	10.86	12.30	12.29	12.26	12.37	13.93	13.92	13.90	14.00	15.76	15.75	15.73	15.83	17.90	17.89	17.87	17.97
	Hi PR	267	268	270	275	309	311	312	317	354	355	357	361	401	402	404	409	452	453	455	460	507	508	510	515
	Lo PR	124	126	129	134	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160	157	158	161	167
	MBh	42.3	42.9	44.1	46.0	41.9	42.5	43.7	45.7	40.8	41.4	42.7	44.6	38.9	39.5	40.8	42.7	36.7	37.2	38.5	40.4	34.6	35.2	36.4	38.3
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	24.16	22.21	18.57	14.81	24.10	22.16	18.52	14.76	24.38	22.43	18.80	15.03	24.08	22.14	18.50	14.74	23.82	21.88	18.24	14.48	25.04	23.10	19.46	15.69
	KW	2.66	2.66	2.65	2.68	2.97	2.97	2.96	2.99	3.32	3.32	3.31	3.33	3.69	3.69	3.69	3.71	4.12	4.11	4.11	4.13	4.61	4.61	4.60	4.62
	Amps	9.50	9.49	9.47	9.57	10.85	10.84	10.82	10.92	12.36	12.35	12.33	12.43	14.00	13.99	13.97	14.07	15.83	15.82	15.79	15.90	17.97	17.96	17.94	18.04
Hi PR	269	271	272	277	312	313	315	319	356	357	359	363	403	404	406	411	454	456	457	462	509	510	512	517	
Lo PR	126	128	131	136	134	135	138	144	140	142	145	150	146	148	151	156	151	153	156	161	158	160	163	168	
MBh	42.9	43.5	44.7	46.7	42.5	43.1	44.4	46.3	41.5	42.0	43.3	45.2	39.6	40.2	41.4	43.3	37.3	37.9	39.1	41.0	35.2	35.8	37.0	38.9	
S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
ΔT	23.20	21.26	17.62	13.86	23.15	21.20	17.57	13.80	23.42	21.48	17.84	14.08	23.13	21.18	17.55	13.78	22.87	20.92	17.29	13.52	24.09	22.14	18.51	14.74	
KW	2.67	2.67	2.67	2.69	2.98	2.98	2.98	3.00	3.33	3.33	3.32	3.35	3.71	3.71	3.70	3.72	4.13	4.13	4.12	4.14	4.62	4.62	4.61	4.64	
Amps	9.56	9.55	9.52	9.63	10.91	10.90	10.88	10.98	12.42	12.41	12.39	12.49	14.06	14.05	14.02	14.13	15.88	15.87	15.85	15.95	18.03	18.02	17.99	18.10	
Hi PR	272	273	275	279	314	315	317	321	358	359	361	366	405	406	408	413	457	458	460	464	511	512	514	519	
Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	

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

EXPANDED COOLING DATA — DP5GM42***41 STAGE 2 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB 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
1100	MBh	42.0	42.6	43.8	45.7	41.6	42.2	43.4	45.3	40.5	41.1	42.3	44.2	38.6	39.2	40.5	42.4	36.3	36.9	38.2	40.1	34.3	34.8	36.1	38.0
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	29.59	27.64	24.01	20.24	29.54	27.59	23.96	20.19	29.81	27.86	24.23	20.46	29.52	27.57	23.94	20.17	29.26	27.31	23.68	19.91	30.48	28.53	24.89	21.13
	KW	2.65	2.64	2.64	2.66	2.96	2.96	2.95	2.97	3.31	3.30	3.30	3.32	3.68	3.68	3.67	3.70	4.10	4.10	4.09	4.12	4.59	4.59	4.59	4.61
	Amps	9.44	9.43	9.41	9.51	10.79	10.78	10.76	10.86	12.30	12.29	12.27	12.37	13.94	13.93	13.91	14.01	15.77	15.76	15.73	15.84	17.91	17.90	17.88	17.98
	Hi-PR	268	269	271	275	310	311	313	318	354	355	357	362	402	403	405	409	453	454	456	460	507	509	510	515
	Lo-PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	149	155	150	152	155	160	157	159	162	167
	MBh	42.5	43.1	44.3	46.2	42.1	42.7	44.0	45.9	41.0	41.6	42.9	44.8	39.2	39.8	41.0	42.9	36.9	37.5	38.7	40.6	34.8	35.4	36.6	38.5
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	28.47	26.52	22.88	19.12	28.41	26.47	22.83	19.07	28.69	26.74	23.10	19.34	28.39	26.45	22.81	19.05	28.13	26.19	22.55	18.79	29.35	27.41	23.77	20.00
80	KW	2.66	2.66	2.65	2.68	2.97	2.97	2.97	2.99	3.32	3.32	3.31	3.34	3.70	3.69	3.69	3.71	4.12	4.11	4.11	4.13	4.61	4.61	4.60	4.63
	Amps	9.51	9.50	9.47	9.58	10.86	10.85	10.83	10.93	12.37	12.36	12.34	12.44	14.01	14.00	13.97	14.08	15.83	15.82	15.80	15.90	17.98	17.97	17.94	18.05
	Hi-PR	270	271	273	278	312	313	315	320	356	357	359	364	404	405	407	411	455	456	458	463	510	511	513	517
	Lo-PR	127	128	131	137	134	136	139	144	141	142	146	151	147	148	151	157	152	154	157	162	159	160	164	169
	MBh	43.1	43.7	45.0	46.9	42.8	43.3	44.6	46.5	41.7	42.3	43.5	45.4	39.8	40.4	41.6	43.5	37.5	38.1	39.3	41.2	35.4	36.0	37.2	39.2
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	27.51	25.57	21.93	18.17	27.46	25.51	21.88	18.11	27.73	25.79	22.15	18.39	27.44	25.49	21.86	18.09	27.18	25.23	21.60	17.83	28.40	26.45	22.82	19.05
	KW	2.67	2.67	2.67	2.69	2.99	2.98	2.98	3.00	3.33	3.33	3.33	3.35	3.71	3.71	3.70	3.73	4.13	4.13	4.12	4.15	4.62	4.62	4.61	4.64
	Amps	9.56	9.55	9.53	9.63	10.92	10.91	10.88	10.99	12.43	12.42	12.39	12.50	14.06	14.05	14.03	14.13	15.89	15.88	15.86	15.96	18.03	18.02	18.00	18.10
	Hi-PR	272	273	275	280	314	315	317	322	358	359	361	366	406	407	409	414	457	458	460	465	512	513	515	519
Lo-PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	156	159	164	161	162	166	171	
1400	MBh	42.7	43.3	44.5	46.4	42.3	42.9	44.1	46.0	41.2	41.8	43.0	45.0	39.3	39.9	41.2	43.1	37.0	37.6	38.9	40.8	35.0	35.5	36.8	38.7
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	33.41	31.47	27.83	24.07	33.36	31.41	27.78	24.01	33.63	31.69	28.05	24.29	33.34	31.39	27.76	23.99	33.08	31.13	27.50	23.73	34.30	32.35	28.72	24.95
	KW	2.65	2.65	2.64	2.67	2.96	2.96	2.96	2.98	3.31	3.31	3.30	3.33	3.69	3.68	3.68	3.70	4.11	4.10	4.10	4.12	4.60	4.60	4.59	4.62
	Amps	9.47	9.46	9.43	9.54	10.82	10.81	10.79	10.89	12.33	12.32	12.30	12.40	13.97	13.95	13.93	14.04	15.79	15.78	15.76	15.86	17.94	17.92	17.90	18.01
	Hi-PR	269	270	272	277	311	312	314	319	355	356	358	363	403	404	406	410	454	455	457	462	509	510	512	516
	Lo-PR	127	128	132	137	134	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169
	MBh	43.2	43.8	45.0	46.9	42.8	43.4	44.7	46.6	41.7	42.3	43.6	45.5	39.9	40.5	41.7	43.6	37.6	38.2	39.4	41.3	35.5	36.1	37.3	39.2
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	32.29	30.34	26.71	22.94	32.24	30.29	26.65	22.89	32.51	30.56	26.93	23.16	32.22	30.27	26.63	22.87	31.96	30.01	26.37	22.61	33.17	31.23	27.59	23.83
85	KW	2.67	2.67	2.66	2.68	2.98	2.98	2.97	3.00	3.33	3.32	3.32	3.34	3.70	3.70	3.69	3.72	4.12	4.12	4.11	4.14	4.62	4.61	4.61	4.63
	Amps	9.53	9.52	9.50	9.60	10.89	10.88	10.85	10.96	12.40	12.39	12.36	12.47	14.03	14.02	14.00	14.10	15.86	15.85	15.83	15.93	18.00	17.99	17.97	18.07
	Hi-PR	271	272	274	279	313	314	316	321	357	359	360	365	405	406	408	413	456	457	459	464	511	512	514	519
	Lo-PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	159	164	161	162	165	171
	MBh	43.8	44.4	45.7	47.6	43.5	44.0	45.3	47.2	42.4	43.0	44.2	46.1	40.5	41.1	42.3	44.2	38.2	38.8	40.0	41.9	36.1	36.7	38.0	39.9
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ΔT	31.34	29.39	25.75	21.99	31.28	29.34	25.70	21.93	31.56	29.61	25.97	22.21	31.26	29.32	25.68	21.91	31.00	29.06	25.42	21.65	32.22	30.27	26.64	22.87
	KW	2.68	2.68	2.67	2.70	2.99	2.99	2.98	3.01	3.34	3.34	3.33	3.36	3.72	3.71	3.71	3.73	4.14	4.13	4.13	4.15	4.63	4.63	4.62	4.64
	Amps	9.59	9.58	9.56	9.66	10.94	10.93	10.91	11.01	12.45	12.44	12.42	12.52	14.09	14.08	14.06	14.16	15.92	15.91	15.88	15.99	18.06	18.05	18.03	18.13
	Hi-PR	273	274	276	281	315	317	318	323	360	361	363	367	407	408	410	415	458	459	461	466	513	514	516	521
Lo-PR	131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	161	166	163	164	167	173	

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

EXPANDED COOLING DATA — DP5GM48***41 STAGE 1

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB 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	805	MBh	33.7	34.2	35.2	-	33.4	33.9	34.9	-	32.5	33.0	34.0	-	31.0	31.5	32.5	-	29.1	29.6	30.6	-	27.5	27.9	28.9	-
		S/T	0.61	0.54	0.40	-	0.62	0.54	0.41	-	0.64	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.66	0.52	-
		ΔT	21.04	19.09	15.44	-	20.99	19.04	15.38	-	21.27	19.31	15.66	-	20.97	19.02	15.36	-	20.71	18.75	15.10	-	21.93	19.98	16.33	-
		KW	1.86	1.86	1.85	-	2.08	2.08	2.07	-	2.33	2.33	2.32	-	2.60	2.60	2.59	-	2.90	2.90	2.89	-	3.25	3.25	3.25	-
		Amps	6.70	6.69	6.68	-	7.67	7.66	7.65	-	8.75	8.75	8.73	-	9.93	9.92	9.90	-	11.24	11.23	11.21	-	12.77	12.76	12.75	-
		Hi/PR	256	257	259	-	297	298	299	-	339	340	342	-	384	386	387	-	434	435	436	-	486	487	489	-
Lo/PR	126	127	130	-	133	135	138	-	140	142	145	-	146	147	150	-	151	153	156	-	158	160	163	-		
70	910	MBh	34.1	34.6	35.6	-	33.8	34.3	35.3	-	32.9	33.4	34.4	-	31.4	31.9	32.9	-	29.6	30.0	31.0	-	27.9	28.3	29.3	-
		S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-
		ΔT	19.96	18.01	14.36	-	19.91	17.95	14.30	-	20.18	18.23	14.58	-	19.89	17.93	14.28	-	19.63	17.67	14.02	-	20.85	18.90	15.25	-
		KW	1.87	1.87	1.86	-	2.09	2.09	2.09	-	2.34	2.34	2.33	-	2.61	2.61	2.60	-	2.91	2.91	2.90	-	3.26	3.26	3.26	-
		Amps	6.75	6.74	6.72	-	7.72	7.71	7.69	-	8.80	8.79	8.78	-	9.97	9.96	9.95	-	11.28	11.27	11.26	-	12.82	12.81	12.79	-
		Hi/PR	258	259	261	-	299	300	301	-	341	342	344	-	386	388	389	-	436	437	438	-	488	489	491	-
Lo/PR	127	129	132	-	135	137	140	-	142	143	147	-	147	149	152	-	153	155	158	-	160	161	165	-		
70	1015	MBh	34.6	35.1	36.1	-	34.3	34.8	35.8	-	33.4	33.9	34.9	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	28.4	28.8	29.8	-
		S/T	0.70	0.62	0.49	-	0.70	0.63	0.49	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-
		ΔT	19.04	17.08	13.43	-	18.99	17.03	13.38	-	19.26	17.31	13.66	-	18.97	17.01	13.36	-	18.71	16.75	13.10	-	19.93	17.97	14.32	-
		KW	1.88	1.87	1.87	-	2.10	2.10	2.09	-	2.35	2.35	2.34	-	2.62	2.62	2.61	-	2.92	2.92	2.91	-	3.27	3.27	3.27	-
		Amps	6.79	6.78	6.76	-	7.76	7.75	7.73	-	8.84	8.83	8.82	-	10.01	10.00	9.99	-	11.32	11.31	11.30	-	12.86	12.85	12.83	-
		Hi/PR	260	261	263	-	300	302	303	-	343	344	346	-	388	389	391	-	438	439	440	-	490	491	493	-
Lo/PR	129	131	134	-	137	139	142	-	144	145	148	-	149	151	154	-	155	156	160	-	162	163	167	-		
75	805	MBh	33.7	34.2	35.2	36.7	33.4	33.9	34.9	36.4	32.5	33.0	34.0	35.5	31.0	31.5	32.5	34.0	29.2	29.6	30.6	32.2	27.5	27.9	29.0	30.5
		S/T	0.74	0.67	0.53	0.39	1.00	0.67	0.54	0.39	1.00	0.70	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.74	0.60	0.46	1.00	1.00	0.65	0.51
		ΔT	25.34	23.39	19.74	15.95	25.29	23.34	19.68	15.90	25.57	23.61	19.96	16.18	25.27	23.32	19.66	15.88	25.01	23.05	19.40	15.62	26.23	24.28	20.63	16.84
		KW	1.86	1.85	1.85	1.87	2.08	2.08	2.07	2.09	2.33	2.33	2.32	2.34	2.60	2.60	2.59	2.61	2.90	2.90	2.89	2.91	3.25	3.25	3.25	3.26
		Amps	6.69	6.69	6.67	6.74	7.67	7.66	7.64	7.72	8.75	8.74	8.72	8.80	9.92	9.91	9.90	9.97	11.23	11.22	11.21	11.28	12.77	12.76	12.74	12.82
		Hi/PR	256	257	259	264	297	298	300	304	339	340	342	346	385	386	388	392	434	435	437	441	486	487	489	494
Lo/PR	126	127	131	136	133	135	138	144	140	142	145	150	146	147	151	156	151	153	156	161	158	160	163	168		
75	910	MBh	34.1	34.6	35.6	37.1	33.8	34.3	35.3	36.8	32.9	33.4	34.4	35.9	31.4	31.9	32.9	34.4	29.6	30.0	31.1	32.6	27.9	28.4	29.4	30.9
		S/T	0.80	0.72	0.58	0.44	1.00	0.73	0.59	0.45	1.00	0.75	0.62	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.57
		ΔT	24.26	22.31	18.66	14.87	24.21	22.25	18.60	14.82	24.48	22.53	18.88	15.09	24.19	22.23	18.58	14.80	23.93	21.97	18.32	14.54	25.15	23.20	19.55	15.76
		KW	1.87	1.86	1.86	1.88	2.09	2.09	2.08	2.10	2.34	2.34	2.33	2.35	2.61	2.61	2.60	2.62	2.91	2.91	2.90	2.92	3.26	3.26	3.26	3.27
		Amps	6.74	6.73	6.72	6.79	7.71	7.70	7.69	7.76	8.79	8.79	8.77	8.84	9.97	9.96	9.94	10.02	11.28	11.27	11.25	11.33	12.81	12.80	12.79	12.86
		Hi/PR	258	259	261	266	299	300	302	306	341	342	344	348	387	388	390	394	436	437	439	443	488	489	491	496
Lo/PR	127	129	132	138	135	137	140	145	142	143	147	152	147	149	152	158	153	155	158	163	160	162	165	170		
75	1015	MBh	34.6	35.1	36.1	37.6	34.3	34.8	35.8	37.3	33.4	33.9	34.9	36.4	31.9	32.4	33.4	34.9	30.1	30.5	31.5	33.1	28.4	28.8	29.9	31.4
		S/T	0.83	0.75	0.62	0.47	1.00	0.76	0.62	0.48	1.00	0.78	0.65	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.69	0.55	1.00	1.00	0.74	0.60
		ΔT	23.34	21.38	17.73	13.95	23.29	21.33	17.68	13.90	23.56	21.61	17.95	14.17	23.27	21.31	17.66	13.88	23.01	21.05	17.40	13.62	24.23	22.27	18.62	14.84
		KW	1.88	1.87	1.87	1.89	2.10	2.10	2.09	2.11	2.35	2.35	2.34	2.36	2.62	2.62	2.61	2.63	2.92	2.92	2.91	2.93	3.27	3.27	3.27	3.28
		Amps	6.78	6.77	6.76	6.83	7.75	7.74	7.73	7.80	8.83	8.83	8.81	8.88	10.01	10.00	9.98	10.06	11.31	11.31	11.29	11.36	12.85	12.84	12.83	12.90
		Hi/PR	260	261	263	268	301	302	304	308	343	344	346	350	389	390	392	396	438	439	441	445	490	491	493	498
Lo/PR	129	131	134	139	137	139	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	167	172		

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

EXPANDED COOLING DATA — DP5GM48***41 STAGE 1 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																													
		65°F						75°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						
805	MBh	33.9	34.3	35.4	36.9	33.6	34.0	35.1	36.6	32.7	33.2	34.2	35.7	31.2	31.7	32.7	34.2	29.3	29.8	30.8	32.4	27.6	28.1	29.1	30.7						
	S/T	1.00	0.79	0.66	0.51	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.64						
	ΔT	29.67	27.72	24.07	20.28	29.62	27.66	24.01	20.23	29.89	27.94	24.29	20.21	29.60	27.64	23.99	20.21	29.34	27.38	23.73	19.95	30.56	28.61	24.96	21.17						
	KW	1.86	1.85	1.85	1.87	2.08	2.08	2.07	2.09	2.33	2.33	2.32	2.34	2.60	2.60	2.59	2.61	2.90	2.90	2.89	2.91	3.25	3.25	3.25	3.26						
	Amps	6.70	6.69	6.68	6.75	7.67	7.66	7.65	7.72	8.75	8.75	8.73	8.80	9.92	9.92	9.90	9.97	11.23	11.23	11.21	11.28	12.77	12.76	12.75	12.82						
	Hi/PR	257	258	260	264	297	298	300	305	340	341	342	347	385	386	388	392	434	435	437	442	487	488	490	494						
Lo/PR	126	128	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	157	162	159	160	164	169							
910	MBh	34.3	34.8	35.8	37.3	34.0	34.5	35.5	37.0	33.1	33.6	34.6	36.1	31.6	32.1	33.1	34.6	29.7	30.2	31.2	32.8	28.1	28.5	29.5	31.1						
	S/T	1.00	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.69						
	ΔT	28.59	26.64	22.98	19.20	28.54	26.58	22.93	19.15	28.81	26.86	23.21	19.42	28.52	26.56	22.91	19.13	28.26	26.30	22.65	18.87	29.48	27.53	23.87	20.09						
	KW	1.87	1.87	1.86	1.88	2.09	2.09	2.08	2.10	2.34	2.34	2.33	2.35	2.61	2.61	2.60	2.62	2.91	2.91	2.90	2.92	3.26	3.26	3.26	3.28						
	Amps	6.75	6.74	6.72	6.80	7.72	7.71	7.69	7.77	8.80	8.79	8.77	8.85	9.97	9.96	9.95	10.02	11.28	11.27	11.26	11.33	12.82	12.81	12.79	12.87						
	Hi/PR	259	260	262	266	299	300	302	307	342	343	344	349	387	388	390	395	436	437	439	444	489	490	492	496						
Lo/PR	128	130	133	138	136	137	140	146	142	144	147	152	148	150	153	158	154	155	158	164	161	162	165	171							
1015	MBh	34.8	35.2	36.3	37.8	34.5	34.9	36.0	37.5	33.6	34.1	35.1	36.6	32.1	32.6	33.6	35.1	30.2	30.7	31.7	33.2	28.5	29.0	30.0	31.6						
	S/T	1.00	0.88	0.74	0.60	1.00	0.88	0.75	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.72						
	ΔT	27.67	25.71	22.06	18.28	27.62	25.66	22.01	18.23	27.89	25.93	22.28	18.50	27.60	25.64	21.99	18.21	27.33	25.38	21.73	17.94	28.56	26.60	22.95	19.17						
	KW	1.88	1.87	1.87	1.89	2.10	2.10	2.09	2.11	2.35	2.35	2.34	2.36	2.62	2.62	2.61	2.63	2.92	2.92	2.91	2.93	3.27	3.27	3.27	3.28						
	Amps	6.79	6.78	6.76	6.84	7.76	7.75	7.73	7.81	8.84	8.83	8.81	8.89	10.01	10.00	9.99	10.06	11.32	11.31	11.30	11.37	12.86	12.85	12.83	12.91						
	Hi/PR	261	262	264	268	301	302	304	309	344	345	346	351	389	390	392	396	438	439	441	446	491	492	494	498						
Lo/PR	130	131	135	140	138	139	142	148	144	146	149	154	150	151	155	160	155	157	160	166	162	164	167	173							

805	MBh	34.4	34.9	35.9	37.5	34.1	34.6	35.6	37.2	33.3	33.7	34.7	36.3	31.7	32.2	33.2	34.8	29.9	30.4	31.4	32.9	28.2	28.7	29.7	31.2
	S/T	1.00	0.89	0.76	0.61	1.00	1.00	0.76	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.81	0.69	1.00	1.00	1.00	0.74
	ΔT	33.51	31.56	27.91	24.12	33.46	31.50	27.85	24.07	33.73	31.78	28.13	24.34	33.44	31.48	27.83	24.05	33.18	31.22	27.57	23.79	34.40	32.45	28.79	25.01
	KW	1.86	1.86	1.86	1.87	2.08	2.08	2.08	2.10	2.33	2.33	2.33	2.34	2.60	2.60	2.60	2.61	2.90	2.90	2.90	2.92	3.26	3.26	3.26	3.27
	Amps	6.72	6.71	6.69	6.77	7.69	7.68	7.66	7.74	8.77	8.76	8.75	8.82	9.94	9.94	9.92	9.99	11.25	11.25	11.23	11.30	12.79	12.78	12.76	12.84
	Hi/PR	258	259	261	265	298	300	301	306	341	342	344	348	386	387	389	394	435	437	438	443	488	489	491	495
Lo/PR	128	130	133	138	136	137	141	146	143	144	147	153	148	150	153	158	154	155	158	164	161	162	165	171	
910	MBh	34.9	35.3	36.3	37.9	34.6	35.0	36.0	37.6	33.7	34.1	35.2	36.7	32.2	32.6	33.6	35.2	30.3	30.8	31.8	33.3	28.6	29.1	30.1	31.6
	S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.86	0.74	1.00	1.00	1.00	0.79
	ΔT	32.43	30.47	26.82	23.04	32.38	30.42	26.77	22.99	32.65	30.70	27.05	23.26	32.36	30.40	26.75	22.97	32.10	30.14	26.49	22.71	33.32	31.36	27.71	23.93
	KW	1.87	1.87	1.87	1.88	2.09	2.09	2.09	2.11	2.34	2.34	2.34	2.36	2.61	2.61	2.61	2.62	2.91	2.91	2.91	2.93	3.27	3.27	3.27	3.28
	Amps	6.76	6.76	6.74	6.81	7.73	7.73	7.71	7.78	8.82	8.81	8.79	8.87	9.99	9.98	9.97	10.04	11.30	11.29	11.27	11.35	12.84	12.83	12.81	12.89
	Hi/PR	260	261	263	267	300	302	303	308	343	344	346	350	388	389	391	396	437	439	440	445	490	491	493	497
Lo/PR	130	131	135	140	138	139	142	148	144	146	149	154	150	151	155	160	155	157	160	166	162	164	167	173	
1015	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.2	34.6	35.6	37.2	32.6	33.1	34.1	35.7	30.8	31.3	32.3	33.8	29.1	29.6	30.6	32.1
	S/T	1.00	0.98	0.84	0.70	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.82
	ΔT	31.51	29.55	25.90	22.12	31.45	29.50	25.85	22.06	31.73	29.77	26.12	22.34	31.43	29.48	25.83	22.04	31.17	29.22	25.57	21.78	32.40	30.44	26.79	23.01
	KW	1.88	1.88	1.88	1.89	2.10	2.10	2.10	2.12	2.35	2.35	2.35	2.36	2.62	2.62	2.62	2.63	2.92	2.92	2.92	2.94	3.28	3.28	3.27	3.29
	Amps	6.80	6.80	6.78	6.85	7.77	7.77	7.75	7.82	8.86	8.85	8.83	8.91	10.03	10.02	10.00	10.08	11.34	11.33	11.31	11.39	12.87	12.87	12.85	12.92
	Hi/PR	262	263	265	269	302	304	305	310	345	346	348	352	390	391	393	398	439	441	442	447	492	493	495	499
Lo/PR	132	133	137	142	139	141	144	150	146	148	151	156	152	153	157	162	157	159	162	167	164	166	169	174	

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

EXPANDED COOLING DATA — DP5GM48***41 STAGE 2

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	1150	MBh	46.8	47.5	48.9	-	46.4	47.1	48.5	-	45.2	45.9	47.3	-	43.1	43.8	45.2	-	40.5	41.2	42.6	-	38.2	38.8	40.2	-
		S/T	0.60	0.52	0.39	-	0.60	0.53	0.40	-	0.63	0.55	0.42	-	0.65	0.57	0.44	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-
		ΔT	21.81	19.78	16.00	-	21.75	19.73	15.94	-	22.04	20.01	16.23	-	21.73	19.71	15.92	-	21.46	19.43	15.65	-	22.73	20.70	16.92	-
		KW	2.95	2.95	2.94	-	3.31	3.30	3.30	-	3.70	3.70	3.69	-	4.13	4.13	4.12	-	4.61	4.61	4.60	-	5.17	5.17	5.16	-
		Amps	10.65	10.64	10.62	-	12.20	12.18	12.16	-	13.92	13.91	13.88	-	15.78	15.77	15.74	-	17.86	17.85	17.82	-	20.30	20.29	20.27	-
	1300	Hi-PR	268	269	271	-	310	311	313	-	354	356	358	-	402	403	405	-	454	455	457	-	508	510	511	-
		Lo-PR	122	124	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	149	152	-	154	155	159	-
		MBh	47.4	48.1	49.5	-	47.0	47.7	49.1	-	45.8	46.4	47.8	-	43.7	44.3	45.7	-	41.1	41.8	43.2	-	38.8	39.4	40.8	-
		S/T	0.65	0.57	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	1.00	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
		ΔT	20.69	18.66	14.88	-	20.63	18.61	14.82	-	20.92	18.89	15.11	-	20.61	18.58	14.80	-	20.34	18.31	14.53	-	21.61	19.58	15.80	-
1450	KW	2.97	2.97	2.96	-	3.32	3.32	3.32	-	3.72	3.72	3.71	-	4.15	4.15	4.14	-	4.63	4.62	4.62	-	5.19	5.19	5.18	-	
	Amps	10.73	10.71	10.69	-	12.27	12.26	12.23	-	13.99	13.98	13.95	-	15.85	15.84	15.82	-	17.94	17.92	17.90	-	20.38	20.37	20.34	-	
	Hi-PR	270	271	273	-	312	313	315	-	357	358	360	-	404	405	407	-	456	457	459	-	510	512	513	-	
	Lo-PR	124	125	129	-	131	133	136	-	138	139	143	-	143	145	148	-	149	150	153	-	156	157	160	-	
	MBh	48.1	48.8	50.2	-	47.7	48.3	49.7	-	46.5	47.1	48.5	-	44.3	45.0	46.4	-	41.8	42.4	43.8	-	39.4	40.1	41.5	-	
75	1150	S/T	0.68	0.61	0.47	-	0.69	0.61	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-
		ΔT	19.73	17.70	13.92	-	19.68	17.65	13.87	-	19.96	17.93	14.15	-	19.65	17.63	13.84	-	19.38	17.36	13.57	-	20.65	18.63	14.84	-
		KW	2.98	2.98	2.97	-	3.34	3.34	3.33	-	3.73	3.73	3.73	-	4.16	4.16	4.15	-	4.64	4.64	4.63	-	5.20	5.20	5.19	-
		Amps	10.79	10.78	10.75	-	12.33	12.32	12.29	-	14.05	14.04	14.01	-	15.92	15.90	15.88	-	18.00	17.99	17.96	-	20.44	20.43	20.40	-
		Hi-PR	272	273	275	-	314	315	317	-	359	360	362	-	406	407	409	-	458	459	461	-	512	514	516	-
	1300	Lo-PR	126	127	130	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-
		MBh	46.9	47.5	48.9	51.1	46.5	47.1	48.5	50.6	45.2	45.9	47.3	49.4	43.1	43.8	45.2	47.3	40.6	41.2	42.6	44.8	38.2	38.9	40.3	42.4
		S/T	0.72	0.65	0.52	0.38	0.73	0.65	0.52	0.38	1.00	0.68	0.55	0.41	1.00	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	1.00	0.64	0.50
		ΔT	26.26	24.24	20.45	16.53	26.21	24.18	20.40	16.48	26.49	24.47	20.68	16.76	26.19	24.16	20.38	16.46	25.92	23.89	20.11	16.19	27.19	25.16	21.38	17.46
		KW	2.95	2.95	2.94	2.97	3.30	3.30	3.30	3.32	3.70	3.70	3.69	3.72	4.13	4.13	4.12	4.15	4.61	4.61	4.60	4.63	5.17	5.17	5.16	5.19
1450	Amps	10.64	10.63	10.61	10.72	12.19	12.17	12.15	12.27	13.91	13.90	13.87	13.99	15.77	15.76	15.73	15.85	17.85	17.84	17.81	17.93	20.29	20.28	20.26	20.37	
	Hi-PR	268	269	271	276	310	312	313	318	355	356	358	362	402	404	405	410	454	455	457	461	509	510	512	516	
	Lo-PR	122	124	127	132	130	131	134	140	136	138	141	146	142	143	146	152	147	149	152	157	154	155	159	164	
	MBh	47.4	48.1	49.5	51.6	47.0	47.7	49.1	51.2	45.8	46.5	47.9	50.0	43.7	44.4	45.8	47.9	41.1	41.8	43.2	45.3	38.8	39.4	40.8	43.0	
	S/T	0.77	0.70	0.57	0.43	0.78	0.71	0.57	0.44	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	1.00	0.69	0.55	
75	ΔT	25.14	23.12	19.33	15.41	25.09	23.06	19.28	15.36	25.37	23.35	19.56	15.64	25.07	23.04	19.26	15.34	24.80	22.77	18.99	15.07	26.06	24.04	20.25	16.33	
	KW	2.97	2.96	2.96	2.99	3.32	3.32	3.31	3.34	3.72	3.71	3.71	3.74	4.15	4.14	4.14	4.16	4.62	4.62	4.62	4.64	5.19	5.18	5.18	5.20	
	Amps	10.72	10.70	10.68	10.80	12.26	12.25	12.22	12.34	13.98	13.97	13.94	14.06	15.84	15.83	15.81	15.92	17.93	17.91	17.89	18.01	20.37	20.36	20.33	20.45	
	Hi-PR	270	271	273	278	313	314	316	320	357	358	360	365	404	406	407	412	456	457	459	464	511	512	514	518	
	Lo-PR	124	126	129	134	131	133	136	141	138	139	143	148	143	145	148	153	149	150	153	159	156	157	160	165	
1450	MBh	48.1	48.8	50.2	52.3	47.7	48.4	49.8	51.9	46.5	47.1	48.5	50.7	44.4	45.0	46.4	48.6	41.8	42.5	43.9	46.0	39.5	40.1	41.5	43.7	
	S/T	0.81	0.73	0.60	0.46	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	1.00	0.72	0.58	
	ΔT	24.19	22.16	18.38	14.46	24.13	22.10	18.32	14.40	24.42	22.39	18.61	14.69	24.11	22.08	18.30	14.38	23.84	21.81	18.03	14.11	25.11	23.08	19.30	15.38	
	KW	2.98	2.98	2.97	3.00	3.34	3.33	3.33	3.35	3.73	3.73	3.72	3.75	4.16	4.16	4.15	4.18	4.64	4.64	4.63	4.66	5.20	5.20	5.19	5.22	
	Amps	10.78	10.77	10.74	10.86	12.32	12.31	12.28	12.40	14.04	14.03	14.00	14.12	15.91	15.89	15.87	15.99	17.99	17.98	17.95	18.07	20.43	20.42	20.39	20.51	
Hi-PR	272	273	275	280	315	316	318	322	359	360	362	367	406	408	410	414	458	459	461	466	513	514	516	520		
Lo-PR	126	127	130	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	160	157	159	162	167		

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

EXPANDED COOLING DATA — DP5GM48***41 STAGE 2 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F											
		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	MBh	47.1	47.8	49.2	51.3	46.7	47.4	48.8	50.9	45.5	46.1	47.5	49.7	43.4	44.0	45.4	47.6	40.8	41.5	42.9	45.0	38.5	39.1	40.5	42.6
	S/T	1.00	0.77	0.64	0.50	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.53	1.00	0.82	0.69	0.55	1.00	1.00	0.71	0.57	1.00	1.00	0.76	0.62
	ΔT	30.75	28.72	24.94	21.02	30.69	28.67	24.88	20.96	30.98	28.95	25.17	21.25	30.67	28.65	24.86	20.94	30.40	28.38	24.59	20.67	31.67	29.64	25.86	21.94
	KW	2.95	2.95	2.94	2.97	3.31	3.30	3.30	3.32	3.70	3.70	3.69	3.72	4.13	4.13	4.12	4.15	4.61	4.61	4.60	4.63	5.17	5.17	5.16	5.19
	Amps	10.65	10.64	10.61	10.73	12.19	12.18	12.16	12.27	13.92	13.90	13.88	14.00	15.78	15.77	15.74	15.86	17.86	17.85	17.82	17.94	20.30	20.29	20.26	20.38
	Hi-PR	269	270	272	276	311	312	314	319	355	356	358	363	403	404	406	411	454	455	457	462	509	510	512	517
	Lo-PR	123	124	127	133	130	132	135	140	137	138	141	147	142	144	147	152	148	149	152	158	154	156	159	164
	MBh	47.7	48.3	49.7	51.9	47.3	47.9	49.3	51.5	46.0	46.7	48.1	50.2	43.9	44.6	46.0	48.1	41.4	42.0	43.4	45.6	39.0	39.7	41.1	43.2
	S/T	1.00	0.82	0.69	0.55	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.58	1.00	1.00	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.81	0.67
	ΔT	29.63	27.60	23.82	19.90	29.57	27.55	23.76	19.84	29.86	27.83	24.05	20.13	29.55	27.53	23.74	19.82	29.28	27.25	23.47	19.55	30.55	28.52	24.74	20.82
KW	2.97	2.97	2.96	2.99	3.32	3.32	3.31	3.34	3.72	3.72	3.71	3.74	4.15	4.15	4.14	4.17	4.63	4.62	4.62	4.65	5.19	5.19	5.18	5.21	
Amps	10.73	10.71	10.69	10.80	12.27	12.26	12.23	12.35	13.99	13.98	13.95	14.07	15.85	15.84	15.81	15.93	17.93	17.92	17.90	18.01	20.38	20.36	20.34	20.46	
Hi-PR	271	272	274	278	313	314	316	321	357	358	360	365	405	406	408	413	456	457	459	464	511	512	514	519	
Lo-PR	125	126	129	134	132	133	137	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	
MBh	48.4	49.0	50.4	52.6	47.9	48.6	50.0	52.1	46.7	47.4	48.8	50.9	44.6	45.3	46.7	48.8	42.0	42.7	44.1	46.2	39.7	40.4	41.8	43.9	
S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	
ΔT	28.67	26.65	22.86	18.94	28.62	26.59	22.81	18.89	28.90	26.87	23.09	19.17	28.60	26.57	22.79	18.87	28.33	26.30	22.52	18.60	29.59	27.57	23.78	19.86	
KW	2.98	2.98	2.97	3.00	3.34	3.34	3.33	3.36	3.73	3.73	3.72	3.75	4.16	4.16	4.15	4.18	4.64	4.64	4.63	4.66	5.20	5.20	5.19	5.22	
Amps	10.79	10.78	10.75	10.87	12.33	12.32	12.29	12.41	14.05	14.04	14.01	14.13	15.91	15.90	15.88	15.99	18.00	17.98	17.96	18.08	20.44	20.43	20.40	20.52	
Hi-PR	273	274	276	281	315	316	318	323	359	360	362	367	407	408	410	415	458	460	461	466	513	514	516	521	
Lo-PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	150	156	151	153	156	161	158	159	163	168	
85	MBh	47.9	48.6	50.0	52.1	47.5	48.1	49.5	51.7	46.3	46.9	48.3	50.5	44.2	44.8	46.2	48.4	41.6	42.2	43.6	45.8	39.2	39.9	41.3	43.4
	S/T	1.00	0.87	0.74	0.60	1.00	0.87	0.74	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.72
	ΔT	34.73	32.70	28.92	25.00	34.67	32.65	28.86	24.94	34.96	32.93	29.15	25.23	34.65	32.62	28.84	24.92	34.38	32.35	28.57	24.65	35.65	33.62	29.84	25.92
	KW	2.96	2.96	2.95	2.98	3.31	3.31	3.30	3.33	3.71	3.71	3.70	3.73	4.14	4.14	4.13	4.16	4.62	4.61	4.61	4.64	5.18	5.18	5.17	5.20
	Amps	10.68	10.67	10.64	10.76	12.22	12.21	12.19	12.30	13.95	13.93	13.91	14.02	15.81	15.80	15.77	15.89	17.89	17.88	17.85	17.97	20.33	20.32	20.29	20.41
	Hi-PR	270	271	273	278	312	313	315	320	356	358	359	364	404	405	407	412	456	457	459	463	510	512	513	518
	Lo-PR	125	126	129	135	132	134	137	142	139	140	143	148	144	146	149	154	150	151	154	159	156	158	161	166
	MBh	48.5	49.1	50.5	52.7	48.1	48.7	50.1	52.2	46.8	47.5	48.9	51.0	44.7	45.4	46.8	48.9	42.2	42.8	44.2	46.4	39.8	40.5	41.9	44.0
	S/T	1.00	0.92	0.79	0.65	1.00	0.93	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77
	ΔT	33.61	31.58	27.80	23.88	33.55	31.52	27.74	23.82	33.84	31.81	28.03	24.11	33.53	31.50	27.72	23.80	33.26	31.23	27.45	23.53	34.53	32.50	28.72	24.80
KW	2.98	2.97	2.97	2.99	3.33	3.33	3.32	3.35	3.73	3.72	3.72	3.74	4.15	4.15	4.15	4.17	4.63	4.63	4.62	4.65	5.20	5.19	5.19	5.21	
Amps	10.75	10.74	10.72	10.83	12.30	12.28	12.26	12.38	14.02	14.01	13.98	14.10	15.88	15.87	15.84	15.96	17.96	17.95	17.92	18.04	20.41	20.39	20.37	20.49	
Hi-PR	272	273	275	280	314	315	317	322	359	360	362	366	406	407	409	414	458	459	461	465	512	514	515	520	
Lo-PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	150	156	151	153	156	161	158	159	163	168	
MBh	49.1	49.8	51.2	53.3	48.7	49.4	50.8	52.9	47.5	48.2	49.6	51.7	45.4	46.1	47.5	49.6	42.8	43.5	44.9	47.0	40.5	41.2	42.5	44.7	
S/T	1.00	0.95	0.82	0.68	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.80	
ΔT	32.65	30.62	26.84	22.92	32.60	30.57	26.79	22.87	32.88	30.85	27.07	23.15	32.57	30.55	26.76	22.84	32.30	30.28	26.49	22.57	33.57	31.55	27.76	23.84	
KW	2.99	2.99	2.98	3.01	3.34	3.34	3.34	3.36	3.74	3.74	3.73	3.76	4.17	4.17	4.16	4.19	4.65	4.65	4.64	4.67	5.21	5.21	5.20	5.23	
Amps	10.82	10.80	10.78	10.90	12.36	12.35	12.32	12.44	14.08	14.07	14.04	14.16	15.94	15.93	15.91	16.02	18.03	18.01	17.99	18.11	20.47	20.46	20.43	20.55	
Hi-PR	274	275	277	282	316	317	319	324	361	362	364	368	408	409	411	416	456	461	463	467	514	516	518	522	
Lo-PR	128	130	133	138	136	137	140	145	142	144	147	152	148	149	152	157	153	155	158	163	160	161	164	170	

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

EXPANDED COOLING DATA — DP5GM60***41 STAGE 1

IDB		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
		ENTERING INDOOR WET BULB TEMPERATURE																							
AIRFLOW																									
1120	MBh	42.5	43.1	44.4	46.3	42.1	42.7	44.0	45.9	41.0	41.6	42.9	44.8	39.1	39.7	41.0	42.9	36.8	37.4	38.6	40.6	34.6	35.2	36.5	38.5
	S/T	0.73	0.66	0.52	0.38	1.00	0.66	0.53	0.39	1.00	0.69	0.56	0.41	1.00	0.71	0.57	0.43	1.00	0.73	0.60	0.46	1.00	0.65	0.52	0.51
	ΔT	22.79	21.03	17.74	14.33	22.74	20.98	17.69	14.28	22.99	21.23	17.94	14.53	22.72	20.96	17.67	14.27	22.49	20.73	17.44	14.03	23.59	21.83	18.54	15.13
	KW	2.31	2.31	2.31	2.33	2.60	2.60	2.60	2.62	2.93	2.92	2.92	2.94	3.28	3.27	3.27	3.29	3.67	3.66	3.66	3.68	4.12	4.12	4.12	4.14
	Amps	8.37	8.36	8.34	8.44	9.63	9.62	9.60	9.70	11.03	11.02	11.00	11.10	12.55	12.54	12.52	12.62	14.25	14.24	14.22	14.31	16.24	16.23	16.21	16.31
70	Hi PR	258	259	260	265	298	299	301	306	341	342	344	348	386	388	389	394	436	437	439	443	488	490	491	496
	Lo PR	127	129	132	137	137	138	141	145	142	143	146	152	147	149	151	154	153	155	156	159	160	162	165	170
	MBh	43.0	43.6	44.9	46.8	42.6	43.2	44.5	46.4	41.5	42.1	43.4	45.3	39.6	40.2	41.5	43.4	37.3	37.9	39.2	41.1	35.2	35.8	37.0	39.0
	S/T	0.66	0.58	0.45	0.31	0.66	0.59	0.45	0.31	1.00	0.61	0.48	0.34	1.00	0.63	0.50	0.36	1.00	0.65	0.52	0.38	1.00	0.71	0.57	0.43
	ΔT	17.98	16.22	12.93	9.52	17.93	16.17	12.88	9.47	18.18	16.42	13.13	9.78	17.92	16.15	12.87	9.62	17.68	15.92	12.63	9.47	18.78	17.02	13.73	10.44
1400	KW	2.33	2.33	2.32	2.32	2.62	2.62	2.61	2.62	2.95	2.95	2.95	2.95	3.30	3.30	3.30	3.30	3.69	3.69	3.69	3.69	4.15	4.15	4.14	4.14
	Amps	8.44	8.43	8.41	8.41	9.70	9.69	9.66	9.66	11.10	11.09	11.07	11.12	12.62	12.61	12.59	12.64	14.32	14.31	14.28	14.33	16.31	16.30	16.27	16.32
	Hi PR	259	260	262	267	300	301	303	308	342	343	345	350	388	389	391	396	437	439	440	444	490	491	493	499
	Lo PR	129	130	134	139	137	138	141	145	143	145	148	154	149	151	154	158	155	156	159	163	162	163	166	171
	MBh	43.6	44.2	45.4	47.3	43.2	43.8	45.1	47.0	42.1	42.7	44.0	45.9	40.2	40.8	42.0	43.9	37.8	38.4	39.7	41.6	35.7	36.3	37.6	39.5
75	S/T	0.69	0.61	0.48	0.34	0.69	0.62	0.49	0.34	1.00	0.64	0.51	0.37	1.00	0.66	0.53	0.39	1.00	0.69	0.55	0.41	1.00	1.00	0.60	0.46
	ΔT	17.18	15.42	12.13	8.72	17.13	15.37	12.08	8.67	17.38	15.62	12.33	9.08	17.11	15.35	12.06	8.91	16.88	15.12	11.83	8.72	17.98	16.22	12.93	9.64
	KW	2.34	2.34	2.33	2.33	2.63	2.63	2.62	2.62	2.95	2.95	2.95	2.95	3.30	3.30	3.30	3.30	3.69	3.69	3.69	3.69	4.15	4.15	4.14	4.14
	Amps	8.49	8.48	8.46	8.46	9.75	9.74	9.71	9.71	11.15	11.14	11.12	11.12	12.67	12.66	12.64	12.64	14.36	14.35	14.33	14.33	16.36	16.35	16.32	16.32
	Hi PR	261	262	264	269	302	303	305	310	344	345	347	352	390	391	393	398	439	440	442	446	492	493	495	500
1120	Lo PR	131	132	135	140	138	140	143	149	145	147	150	156	151	152	156	161	156	158	161	166	164	165	168	174
	MBh	42.5	43.1	44.4	46.3	42.1	42.7	44.0	45.9	41.0	41.6	42.9	44.8	39.1	39.7	41.0	42.9	36.8	37.4	38.7	40.6	34.7	35.3	36.5	38.5
	S/T	0.73	0.66	0.52	0.38	1.00	0.66	0.53	0.39	1.00	0.69	0.56	0.41	1.00	0.71	0.57	0.43	1.00	0.73	0.60	0.46	1.00	1.00	0.65	0.51
	ΔT	22.79	21.03	17.74	14.33	22.74	20.98	17.69	14.28	22.99	21.23	17.94	14.53	22.72	20.96	17.67	14.27	22.49	20.73	17.44	14.03	23.59	21.83	18.54	15.13
	KW	2.31	2.31	2.31	2.33	2.60	2.60	2.60	2.62	2.93	2.92	2.92	2.94	3.28	3.27	3.27	3.29	3.67	3.66	3.66	3.68	4.12	4.12	4.12	4.14
1260	Amps	8.37	8.36	8.34	8.44	9.63	9.62	9.60	9.70	11.03	11.02	11.00	11.10	12.55	12.54	12.52	12.62	14.25	14.24	14.22	14.31	16.24	16.23	16.21	16.31
	Hi PR	258	259	260	265	298	299	301	306	341	342	344	348	386	388	389	394	436	437	439	443	488	490	491	496
	Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	158	153	155	158	163	160	162	165	170
	MBh	43.0	43.6	44.9	46.8	42.6	43.2	44.5	46.4	41.5	42.1	43.4	45.3	39.6	40.2	41.5	43.4	37.3	37.9	39.2	41.1	35.2	35.8	37.0	39.0
	S/T	0.79	0.71	0.58	0.43	1.00	0.72	0.58	0.44	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.48	1.00	1.00	0.65	0.51	1.00	1.00	0.70	0.56
1400	ΔT	21.85	20.09	16.80	13.40	21.81	20.04	16.76	13.35	22.05	20.29	17.00	13.60	21.79	20.03	16.74	13.33	21.55	19.79	16.50	13.10	22.66	20.89	17.61	14.20
	KW	2.33	2.33	2.32	2.34	2.62	2.61	2.61	2.63	2.94	2.94	2.93	2.95	3.29	3.29	3.28	3.30	3.68	3.68	3.67	3.69	4.14	4.14	4.13	4.15
	Amps	8.43	8.42	8.40	8.50	9.69	9.68	9.66	9.75	11.09	11.08	11.06	11.16	12.61	12.60	12.58	12.68	14.31	14.30	14.28	14.37	16.30	16.29	16.27	16.36
	Hi PR	260	261	262	267	300	301	303	307	343	344	346	350	388	389	391	396	438	439	441	445	490	491	493	498
	Lo PR	129	130	134	139	137	138	141	147	143	145	148	154	149	151	154	159	155	156	159	165	162	163	167	172
75	MBh	43.6	44.2	45.5	47.4	43.2	43.8	45.1	47.0	42.1	42.7	44.0	45.9	40.2	40.8	42.1	44.0	37.9	38.5	39.7	41.7	35.7	36.3	37.6	39.6
	S/T	0.82	0.74	0.61	0.47	1.00	0.75	0.61	0.47	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.73	0.59
	ΔT	21.05	19.29	16.00	12.59	21.00	19.24	15.95	12.55	21.25	19.49	16.20	12.79	20.99	19.22	15.94	12.53	20.75	18.99	15.70	12.29	21.85	20.09	16.80	13.40
	KW	2.34	2.34	2.33	2.35	2.63	2.63	2.62	2.64	2.95	2.95	2.94	2.97	3.30	3.30	3.29	3.32	3.69	3.69	3.68	3.71	4.15	4.15	4.14	4.16
	Amps	8.48	8.47	8.45	8.54	9.74	9.73	9.71	9.80	11.14	11.13	11.11	11.21	12.66	12.65	12.63	12.72	14.36	14.35	14.32	14.42	16.35	16.34	16.32	16.41
75	Hi PR	261	263	264	269	302	303	305	309	344	346	347	352	390	391	393	398	440	441	442	447	492	493	495	500
	Lo PR	131	132	135	141	138	140	143	149	145	147	150	155	151	152	156	161	157	158	161	167	164	165	168	174
	MBh	42.5	43.1	44.4	46.3	42.1	42.7	44.0	45.9	41.0	41.6	42.9	44.8	39.1	39.7	41.0	42.9	36.8	37.4	38.7	40.6	34.7	35.3	36.5	38.5
	S/T	0.73	0.66	0.52	0.38	1.00	0.66	0.53	0.39	1.00	0.69	0.56	0.41	1.00	0.71	0.57	0.43	1.00	0.73	0.60	0.46	1.00	1.00	0.65	0.51
	ΔT	22.79	21.03	17.74	14.33	22.74	20.98	17.69	14.28	22.99	21.23	17.94	14.53	22.72	20.96	17.67	14.27	22.49	20.73	17.44	14.03	23.59	21.83	18.54	15.13

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

EXPANDED COOLING DATA — DP5GM60***41 STAGE 1 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F											
		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	MBh	42.7	43.3	44.6	46.5	42.3	42.9	44.2	46.2	41.2	41.8	43.1	45.0	39.3	39.9	41.2	43.1	37.0	37.6	38.9	40.8	34.9	35.5	36.7	38.7
	S/T	1.00	0.78	0.65	0.51	1.00	0.79	0.65	0.51	1.00	0.81	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.72	0.58	1.00	1.00	0.77	0.63
	ΔT	26.69	24.93	21.64	18.23	26.64	24.88	21.59	18.18	26.89	25.13	21.84	18.43	26.62	24.86	21.57	18.16	26.39	24.62	21.34	17.93	27.49	25.73	22.44	19.03
	KW	2.32	2.31	2.31	2.33	2.61	2.60	2.60	2.62	2.93	2.93	2.92	2.94	3.28	3.28	3.27	3.29	3.67	3.67	3.66	3.68	4.13	4.12	4.12	4.14
	Amps	8.38	8.37	8.35	8.44	9.64	9.63	9.61	9.70	11.04	11.03	11.01	11.11	12.56	12.55	12.53	12.62	14.26	14.25	14.23	14.32	16.25	16.24	16.22	16.31
	Hi-PR	258	259	261	265	299	300	302	306	341	342	344	349	387	388	390	394	436	437	439	444	489	490	492	496
	Lo-PR	128	129	133	138	135	137	140	146	142	144	147	152	148	150	153	158	154	155	158	164	161	162	165	171
	MBh	43.2	43.8	45.1	47.0	42.8	43.4	44.7	46.7	41.7	42.3	43.6	45.5	39.8	40.4	41.7	43.6	37.5	38.1	39.4	41.3	35.4	36.0	37.2	39.2
	S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.56	1.00	1.00	0.70	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	1.00	0.68
	ΔT	25.75	23.99	20.70	17.30	25.70	23.94	20.65	17.25	25.95	24.19	20.90	17.50	25.69	23.93	20.64	17.23	25.45	23.69	20.40	16.99	26.55	24.79	21.50	18.10
KW	2.33	2.33	2.32	2.34	2.62	2.62	2.61	2.63	2.94	2.94	2.93	2.96	3.29	3.29	3.28	3.31	3.68	3.68	3.67	3.70	4.14	4.14	4.13	4.15	
Amps	8.44	8.43	8.41	8.50	9.69	9.68	9.66	9.76	11.10	11.09	11.07	11.16	12.62	12.61	12.59	12.68	14.31	14.30	14.28	14.38	16.30	16.29	16.27	16.37	
Hi-PR	260	261	263	267	301	302	303	308	343	344	346	350	389	390	392	396	438	439	441	446	491	492	494	498	
Lo-PR	129	131	134	140	137	139	142	147	144	145	149	154	150	151	154	160	155	157	160	165	162	164	167	172	
MBh	43.8	44.4	45.7	47.6	43.4	44.0	45.3	47.2	42.3	42.9	44.2	46.1	40.4	41.0	42.3	44.2	38.1	38.7	40.0	41.9	36.0	36.6	37.8	39.8	
S/T	1.00	0.86	0.73	0.59	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71	
ΔT	24.95	23.19	19.90	16.49	24.90	23.14	19.85	16.45	25.15	23.39	20.10	16.69	24.88	23.12	19.83	16.43	24.65	22.89	19.60	16.19	25.75	23.99	20.70	17.29	
KW	2.34	2.34	2.33	2.36	2.63	2.63	2.62	2.64	2.95	2.95	2.95	2.97	3.30	3.30	3.29	3.32	3.69	3.69	3.68	3.71	4.15	4.15	4.14	4.17	
Amps	8.49	8.48	8.46	8.55	9.74	9.73	9.71	9.81	11.15	11.14	11.12	11.21	12.67	12.66	12.63	12.73	14.36	14.35	14.33	14.43	16.35	16.34	16.32	16.42	
Hi-PR	262	263	265	269	302	304	305	310	345	346	348	352	391	392	394	398	440	441	443	447	493	494	496	500	
Lo-PR	131	133	136	141	139	141	144	149	146	147	151	156	151	153	156	162	157	159	162	167	164	166	169	174	
85	MBh	43.4	44.0	45.3	47.2	43.1	43.7	44.9	46.9	42.0	42.6	43.8	45.8	40.0	40.6	41.9	43.9	37.7	38.3	39.6	41.5	35.6	36.2	37.5	39.4
	S/T	1.00	0.88	0.75	0.61	1.00	1.00	0.75	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.68	1.00	1.00	1.00	0.73
	ΔT	30.15	28.38	25.10	21.69	30.10	28.34	25.05	21.64	30.34	28.58	25.29	21.89	30.08	28.32	25.03	21.62	29.84	28.08	24.79	21.39	30.95	29.19	25.90	22.49
	KW	2.32	2.32	2.31	2.34	2.61	2.61	2.60	2.63	2.93	2.93	2.93	2.95	3.28	3.28	3.28	3.30	3.67	3.67	3.67	3.69	4.13	4.13	4.12	4.15
	Amps	8.40	8.39	8.37	8.47	9.66	9.65	9.63	9.73	11.06	11.06	11.03	11.13	12.58	12.57	12.55	12.65	14.28	14.27	14.25	14.35	16.27	16.26	16.24	16.34
	Hi-PR	259	260	262	267	300	301	303	307	342	343	345	350	388	389	391	395	437	439	440	445	490	491	493	498
	Lo-PR	130	131	134	140	137	139	142	148	144	146	149	154	150	151	155	160	155	157	160	166	163	164	167	173
	MBh	43.9	44.5	45.8	47.7	43.6	44.2	45.4	47.4	42.5	43.1	44.3	46.3	40.5	41.1	42.4	44.4	38.2	38.8	40.1	42.0	36.1	36.7	38.0	39.9
	S/T	1.00	0.93	0.80	0.66	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.73	1.00	1.00	1.00	0.78
	ΔT	29.21	27.45	24.16	20.75	29.16	27.40	24.11	20.71	29.41	27.65	24.36	20.95	29.14	27.38	24.09	20.69	28.91	27.15	23.86	20.45	30.01	28.25	24.96	21.55
KW	2.33	2.33	2.33	2.35	2.62	2.62	2.62	2.64	2.95	2.94	2.94	2.96	3.30	3.29	3.29	3.31	3.69	3.68	3.68	3.70	4.14	4.14	4.14	4.16	
Amps	8.46	8.45	8.43	8.53	9.72	9.71	9.69	9.78	11.12	11.11	11.09	11.19	12.64	12.63	12.61	12.71	14.34	14.33	14.31	14.40	16.33	16.32	16.30	16.39	
Hi-PR	261	262	264	269	302	303	305	309	344	345	347	352	390	391	393	397	439	440	442	447	492	493	495	499	
Lo-PR	131	133	136	142	139	141	144	149	146	147	151	156	152	153	156	162	157	159	162	167	164	166	169	174	
MBh	44.5	45.1	46.4	48.3	44.2	44.8	46.0	48.0	43.0	43.6	44.9	46.8	41.1	41.7	43.0	44.9	38.8	39.4	40.7	42.6	36.7	37.3	38.5	40.5	
S/T	1.00	0.96	0.83	0.69	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.81	
ΔT	28.41	26.65	23.36	19.95	28.36	26.60	23.31	19.90	28.61	26.85	23.56	20.15	28.34	26.58	23.29	19.89	28.11	26.35	23.06	19.65	29.21	27.45	24.16	20.75	
KW	2.35	2.34	2.34	2.36	2.64	2.63	2.63	2.65	2.96	2.96	2.95	2.97	3.31	3.31	3.30	3.32	3.70	3.70	3.69	3.71	4.16	4.15	4.15	4.17	
Amps	8.51	8.50	8.48	8.58	9.77	9.76	9.74	9.83	11.17	11.16	11.14	11.24	12.69	12.68	12.66	12.75	14.39	14.38	14.36	14.45	16.38	16.37	16.35	16.44	
Hi-PR	263	264	266	270	304	305	307	311	346	347	349	354	392	393	395	399	441	442	444	449	494	495	497	501	
Lo-PR	133	135	138	143	141	142	146	151	148	149	152	158	153	155	158	164	159	161	164	169	166	168	171	176	

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

EXPANDED COOLING DATA — DP5GM60***41 STAGE 2

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1600	MBh	59.1	59.9	61.7	-	58.6	59.4	61.2	-	57.0	57.9	59.6	-	54.4	55.2	57.0	-	51.1	52.0	53.7	-	48.2	49.0	50.8	-
		S/T	0.59	0.52	0.39	-	0.60	0.52	0.39	-	0.62	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-
		ΔT	19.60	17.78	14.37	-	19.55	17.73	14.32	-	19.81	17.98	14.58	-	19.53	17.71	14.30	-	19.29	17.46	14.06	-	20.43	18.61	15.20	-
		KW	3.68	3.68	3.67	-	4.14	4.14	4.13	-	4.66	4.65	4.64	-	5.21	5.21	5.20	-	5.83	5.83	5.82	-	6.56	6.56	6.55	-
		Amps	13.33	13.31	13.28	-	15.32	15.31	15.27	-	17.56	17.54	17.51	-	19.97	19.95	19.92	-	22.67	22.65	22.62	-	25.83	25.82	25.78	-
		Hi/PR	269	270	272	-	312	313	315	-	356	357	359	-	404	405	407	-	456	457	459	-	511	512	514	-
	Lo/PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	156	157	160	-	
	MBh	59.8	60.6	62.4	-	59.3	60.1	61.9	-	57.7	58.5	60.3	-	55.1	55.9	57.7	-	51.8	52.7	54.4	-	48.9	49.7	51.5	-	
	S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	1.00	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-	
	ΔT	18.63	16.81	13.40	-	18.58	16.76	13.35	-	18.84	17.01	13.61	-	18.56	16.74	13.33	-	18.32	16.50	13.09	-	19.46	17.64	14.23	-	
	KW	3.70	3.70	3.69	-	4.16	4.16	4.15	-	4.68	4.67	4.67	-	5.23	5.23	5.22	-	5.85	5.85	5.84	-	6.58	6.58	6.57	-	
	Amps	13.42	13.40	13.37	-	15.42	15.40	15.37	-	17.65	17.63	17.60	-	20.06	20.05	20.01	-	22.76	22.74	22.71	-	25.92	25.91	25.87	-	
Hi/PR	271	272	274	-	314	315	317	-	358	359	361	-	406	407	409	-	458	459	461	-	513	514	516	-		
Lo/PR	125	127	130	-	133	134	138	-	139	141	144	-	145	147	150	-	150	152	155	-	157	159	162	-		
MBh	60.6	61.4	63.2	-	60.1	60.9	62.7	-	58.5	59.4	61.1	-	55.9	56.7	58.5	-	52.6	53.5	55.2	-	49.7	50.5	52.3	-		
S/T	0.67	0.60	0.47	-	0.68	0.60	0.47	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-		
ΔT	17.80	15.98	12.57	-	17.75	15.93	12.52	-	18.01	16.18	12.78	-	17.73	15.91	12.50	-	17.49	15.66	12.26	-	18.63	16.81	13.40	-		
KW	3.72	3.72	3.71	-	4.18	4.18	4.17	-	4.69	4.69	4.68	-	5.25	5.25	5.24	-	5.87	5.87	5.86	-	6.60	6.59	6.59	-		
Amps	13.49	13.48	13.44	-	15.49	15.48	15.44	-	17.72	17.71	17.67	-	20.14	20.12	20.09	-	22.84	22.82	22.79	-	26.00	25.99	25.95	-		
Hi/PR	273	274	276	-	316	317	319	-	360	361	363	-	408	409	411	-	460	461	463	-	515	516	518	-		
Lo/PR	127	129	132	-	135	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-		
75	1600	MBh	59.1	60.0	61.7	64.4	58.6	59.4	61.2	63.9	57.1	57.9	59.6	62.3	54.4	55.2	57.0	59.7	51.2	52.0	53.8	56.5	48.2	49.0	50.8	53.5
		S/T	0.71	0.64	0.51	0.37	0.72	0.65	0.52	0.38	0.73	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.71	0.58	0.44	1.00	1.00	0.63	0.49
		ΔT	23.62	21.79	18.38	14.85	23.57	21.74	18.33	14.80	23.82	22.00	18.59	15.06	23.55	21.72	18.31	14.78	23.30	21.48	18.07	14.54	24.45	22.62	19.21	15.68
		KW	3.68	3.68	3.67	3.70	4.14	4.14	4.13	4.16	4.65	4.65	4.64	4.68	5.21	5.20	5.20	5.23	5.83	5.83	5.82	5.85	6.56	6.55	6.55	6.58
		Amps	13.31	13.30	13.26	13.42	15.31	15.30	15.26	15.41	17.54	17.53	17.49	17.65	19.96	19.94	19.91	20.06	22.66	22.64	22.61	22.76	25.82	25.80	25.77	25.92
		Hi/PR	269	271	272	277	312	313	315	320	356	357	359	364	404	405	407	412	456	457	459	464	511	512	514	519
	Lo/PR	124	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	154	159	156	157	160	166	
	MBh	59.8	60.7	62.4	65.1	59.3	60.1	61.9	64.6	57.7	58.6	60.3	63.0	63.0	55.1	55.9	57.7	60.4	51.9	52.7	54.5	57.1	48.9	49.7	51.5	54.2
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	1.00	1.00	0.68	0.54
	ΔT	22.65	20.82	17.41	13.88	22.60	20.77	17.36	13.83	22.85	21.03	17.62	14.09	22.58	20.75	17.34	13.81	22.33	20.51	17.10	13.57	23.48	21.65	18.24	14.71	
	KW	3.70	3.70	3.69	3.72	4.16	4.16	4.15	4.18	4.67	4.67	4.66	4.70	5.23	5.23	5.22	5.25	5.85	5.85	5.84	5.87	6.58	6.57	6.57	6.60	
	Amps	13.40	13.39	13.35	13.51	15.40	15.39	15.35	15.51	17.63	17.62	17.58	17.74	20.05	20.03	20.00	20.15	22.75	22.73	22.70	22.85	25.91	25.90	25.86	26.01	
Hi/PR	271	273	275	279	314	315	317	322	358	360	361	366	406	407	409	414	458	459	461	466	513	514	516	521		
Lo/PR	125	127	130	135	133	134	138	143	139	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167		
MBh	60.6	61.5	63.2	65.9	60.1	60.9	62.7	65.4	58.6	59.4	61.2	63.9	63.9	55.9	56.8	58.5	61.2	52.7	53.5	55.3	58.0	49.7	50.6	52.3	55.0	
S/T	0.79	0.72	0.59	0.45	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	1.00	1.00	0.71	0.57	
ΔT	21.82	19.99	16.58	13.05	21.77	19.94	16.53	13.00	22.02	20.20	16.79	13.26	21.75	19.92	16.51	12.98	21.50	19.68	16.27	12.74	22.65	20.82	17.41	13.88		
KW	3.72	3.72	3.71	3.74	4.18	4.17	4.17	4.20	4.69	4.69	4.68	4.72	5.25	5.24	5.24	5.27	5.87	5.86	5.86	5.89	6.60	6.59	6.58	6.62		
Amps	13.48	13.47	13.43	13.58	15.48	15.46	15.43	15.58	17.71	17.70	17.66	17.81	20.13	20.11	20.08	20.23	22.82	22.81	22.77	22.93	25.99	25.97	25.94	26.09		
Hi/PR	273	275	276	281	316	317	319	324	360	361	363	368	408	409	411	416	460	461	463	468	515	516	518	523		
Lo/PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169		

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

EXPANDED COOLING DATA — DP5GM60***41 STAGE 2 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F												
		65°F				75°F				85°F					95°F				105°F							
		59	63	67	71	59	63	67	71	59	63	67	71		59	63	67	71	59	63	67	71				
80	1600	MBh	59.4	60.3	62.0	64.7	58.9	59.7	61.5	64.2	57.4	58.2	60.0	62.6	54.7	55.5	57.3	60.0	51.5	52.3	54.1	56.8	48.5	49.3	51.1	53.8
		S/T	1.00	0.76	0.63	0.49	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.61
		ΔT	27.66	25.83	22.42	18.89	27.61	25.78	22.37	18.84	27.86	26.04	22.63	19.10	27.59	25.76	22.35	18.82	27.34	25.52	22.11	18.58	28.49	26.66	23.25	19.72
		KW	3.68	3.68	3.67	3.71	4.14	4.14	4.13	4.17	4.66	4.65	4.64	4.68	5.21	5.21	5.20	5.23	5.83	5.83	5.82	5.85	6.56	6.56	6.55	6.58
	Amps	13.32	13.31	13.27	13.43	15.32	15.31	15.27	15.42	17.55	17.54	17.50	17.66	19.97	19.95	19.92	20.07	22.67	22.65	22.62	22.77	25.83	25.82	25.78	25.93	
	Hi-PR	270	271	273	278	312	314	315	320	357	358	360	365	405	406	408	412	456	457	459	464	511	513	514	519	
	Lo-PR	124	126	129	134	132	133	136	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	
	MBh	60.1	61.0	62.7	65.4	59.6	60.4	62.2	64.9	58.1	58.9	60.7	63.3	55.4	56.2	58.0	60.7	52.2	53.0	54.8	57.5	49.2	50.0	51.8	54.5	
	S/T	1.00	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	1.00	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.80	0.66	
	ΔT	26.69	24.86	21.45	17.92	26.64	24.81	21.40	17.87	26.89	25.07	21.66	18.13	26.62	24.79	21.39	17.85	26.37	24.55	21.14	17.61	27.52	25.69	22.28	18.75	
	KW	3.70	3.70	3.69	3.73	4.16	4.16	4.15	4.19	4.68	4.67	4.66	4.70	5.23	5.23	5.22	5.26	5.85	5.85	5.84	5.88	6.58	6.58	6.57	6.60	
	Amps	13.41	13.40	13.36	13.52	15.41	15.40	15.36	15.52	17.64	17.63	17.59	17.75	20.06	20.04	20.01	20.16	22.76	22.74	22.71	22.86	25.92	25.91	25.87	26.02	
Hi-PR	272	273	275	280	314	316	317	322	359	360	362	367	407	408	410	414	458	459	461	466	513	515	516	521		
Lo-PR	126	127	131	136	133	135	138	143	140	142	145	150	146	147	150	155	151	153	156	161	158	159	163	168		
MBh	60.9	61.8	63.5	66.2	60.4	61.2	63.0	65.7	58.9	59.7	61.5	64.2	56.2	57.1	58.8	61.5	53.0	53.8	55.6	58.3	50.0	50.9	52.6	55.3		
S/T	1.00	0.84	0.71	0.57	1.00	0.85	0.72	0.58	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.69		
ΔT	25.86	24.03	20.62	17.09	25.81	23.98	20.57	17.04	26.06	24.24	20.83	17.30	25.79	23.96	20.55	17.02	25.54	23.72	20.31	16.78	26.69	24.86	21.45	17.92		
KW	3.72	3.72	3.71	3.74	4.18	4.18	4.17	4.20	4.69	4.69	4.68	4.72	5.25	5.25	5.24	5.27	5.87	5.87	5.86	5.89	6.60	6.59	6.59	6.62		
Amps	13.49	13.48	13.44	13.59	15.49	15.48	15.44	15.59	17.72	17.71	17.67	17.83	20.14	20.12	20.09	20.24	22.83	22.82	22.78	22.94	26.00	25.98	25.95	26.10		
Hi-PR	274	275	277	282	316	318	319	324	361	362	364	369	409	410	412	416	460	461	463	468	515	517	518	523		
Lo-PR	128	129	132	138	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	170		
85	1600	MBh	60.4	61.3	63.0	65.7	59.9	60.7	62.5	65.2	58.4	59.2	60.9	63.6	55.7	56.5	58.3	61.0	52.5	53.3	55.1	57.8	49.5	50.3	52.1	54.8
		S/T	1.00	0.86	0.73	0.59	1.00	0.87	0.73	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71
		ΔT	31.24	29.41	26.01	22.48	31.19	29.36	25.96	22.43	31.45	29.62	26.21	22.68	31.17	29.35	25.94	22.41	30.93	29.10	25.69	22.16	32.07	30.24	26.84	23.31
		KW	3.69	3.69	3.68	3.71	4.15	4.15	4.14	4.17	4.66	4.66	4.65	4.69	5.22	5.22	5.21	5.24	5.84	5.84	5.83	5.86	6.57	6.56	6.56	6.59
	Amps	13.36	13.35	13.31	13.46	15.36	15.34	15.31	15.46	17.59	17.58	17.54	17.69	20.01	19.99	19.96	20.11	22.70	22.69	22.65	22.81	25.87	25.85	25.82	25.97	
	Hi-PR	271	272	274	279	314	315	317	321	358	359	361	366	406	407	409	414	458	459	461	465	513	514	516	520	
	Lo-PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	150	156	151	153	156	161	158	160	163	168	
	MBh	61.1	62.0	63.7	66.4	60.6	61.4	63.2	65.9	59.0	59.9	61.6	64.3	56.4	57.2	59.0	61.7	53.2	54.0	55.8	58.4	50.2	51.0	52.8	55.5	
	S/T	1.00	0.91	0.78	0.64	1.00	1.00	0.78	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.76	
	ΔT	30.27	28.45	25.04	21.51	30.22	28.40	24.99	21.46	30.48	28.65	25.24	21.71	30.20	28.38	24.97	21.44	29.96	28.13	24.72	21.19	31.10	29.28	25.87	22.34	
	KW	3.71	3.71	3.70	3.74	4.17	4.17	4.16	4.20	4.68	4.68	4.67	4.71	5.24	5.24	5.23	5.26	5.86	5.86	5.85	5.88	6.59	6.59	6.58	6.61	
	Amps	13.45	13.44	13.40	13.56	15.45	15.44	15.40	15.55	17.68	17.67	17.63	17.79	20.10	20.08	20.05	20.20	22.79	22.78	22.75	22.90	25.96	25.94	25.91	26.06	
Hi-PR	273	274	276	281	316	317	319	323	360	361	363	368	408	409	411	416	460	461	463	467	515	516	518	522		
Lo-PR	128	129	132	138	135	137	140	145	142	143	147	152	147	149	152	157	153	154	158	163	160	161	164	170		
MBh	61.9	62.8	64.5	67.2	61.4	62.2	64.0	66.7	59.9	60.7	62.5	65.2	57.2	58.1	59.8	62.5	54.0	54.8	56.6	59.3	51.0	51.9	53.6	56.3		
S/T	1.00	0.94	0.81	0.67	1.00	1.00	0.81	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.79		
ΔT	29.44	27.61	24.21	20.68	29.39	27.56	24.16	20.63	29.65	27.82	24.41	20.88	29.37	27.55	24.14	20.61	29.13	27.30	23.89	20.36	30.27	28.44	25.04	21.51		
KW	3.73	3.73	3.72	3.75	4.19	4.19	4.18	4.21	4.70	4.70	4.69	4.73	5.26	5.25	5.25	5.28	5.88	5.88	5.87	5.90	6.61	6.60	6.60	6.63		
Amps	13.53	13.51	13.48	13.63	15.53	15.51	15.48	15.63	17.76	17.74	17.71	17.86	20.17	20.16	20.13	20.28	22.87	22.86	22.82	22.98	26.04	26.02	25.99	26.14		
Hi-PR	275	276	278	283	318	319	321	325	362	363	365	370	410	411	413	418	462	463	465	469	517	518	520	524		
Lo-PR	130	131	134	139	137	139	142	147	144	145	148	154	149	151	154	159	155	156	159	165	161	163	166	171		

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

AIRFLOW DATA

DP5GM2406041 - RISE RANGE: 25° - 55°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	505	675	540	63	720	63
A	565	750	600	56	800	56
A+	620	825	660	51	880	51
B-	540	720	610	55	810	56
B	600	800	675	50	900	50
B+	660	880	745	45	990	45
C-	560	745	660	51	880	51
C	620	825	735	46	980	46
C+	685	910	810	42	1075	42
D-	575	765	X	X	X	X
D	640	850	X	X	X	X
D+	700	935	X	X	X	X

DP5GM3008041 -RISE RANGE: HIGH FIRE 35° - 65°
LOW FIRE 25° - 55°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	545	810	720	63	960	63
A	605	900	800	56	1065	56
A+	665	990	880	51	1170	51
B-	605	900	810	56	1075	56
B	670	1000	900	50	1195	50
B+	735	1100	990	45	1315	46
C-	650	970	900	50	1195	50
C	720	1075	1000	45	1330	45
C+	795	1185	1100	41	1465	41
D-	665	990	X	X	X	X
D	735	1100	X	X	X	X
D+	810	1210	X	X	X	X

DP5GM3608041 - RISE RANGE: 35° - 65°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	680	1015	720	63	960	63
A	755	1125	800	56	1065	56
A+	830	1240	880	51	1170	51
B-	725	1080	810	56	1075	56
B	805	1200	900	50	1195	50
B+	885	1320	990	45	1315	46
C-	755	1125	900	50	1195	50
C	840	1250	1000	45	1330	45
C+	920	1375	1100	41	1465	41
D-	800	1195	X	X	X	X
D	890	1325	X	X	X	X
D+	980	1460	X	X	X	X

DP5GM4210041 - RISE RANGE: 35° - 65°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	970	1170	915	61	1215	62
A	1080	1300	1015	55	1350	56
A+	1185	1430	1115	50	1485	51
B-	1045	1260	1015	55	1350	56
B	1160	1400	1125	50	1495	50
B+	1280	1540	1240	45	1650	45
C-	1085	1305	1125	50	1495	50
C	1205	1450	1250	45	1665	45
C+	1325	1595	1375	41	1830	41
D-	1120	1350	X	X	X	X
D	1245	1500	X	X	X	X
D+	1370	1650	X	X	X	X

DP5GM4810041 - RISE RANGE: 35° 65°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	1150	1305	900	63	1195	63
A	1275	1450	1000	56	1330	56
A+	1405	1595	1100	51	1465	51
B-	1190	1350	1015	55	1350	56
B	1320	1500	1125	50	1495	50
B+	1450	1650	1240	45	1650	45
C-	1230	1395	1125	50	1495	50
C	1365	1550	1250	45	1665	45
C+	1500	1705	1375	41	1830	41
D-	1265	1440	X	X	X	X
D	1410	1600	X	X	X	X
D+	1550	1760	X	X	X	X

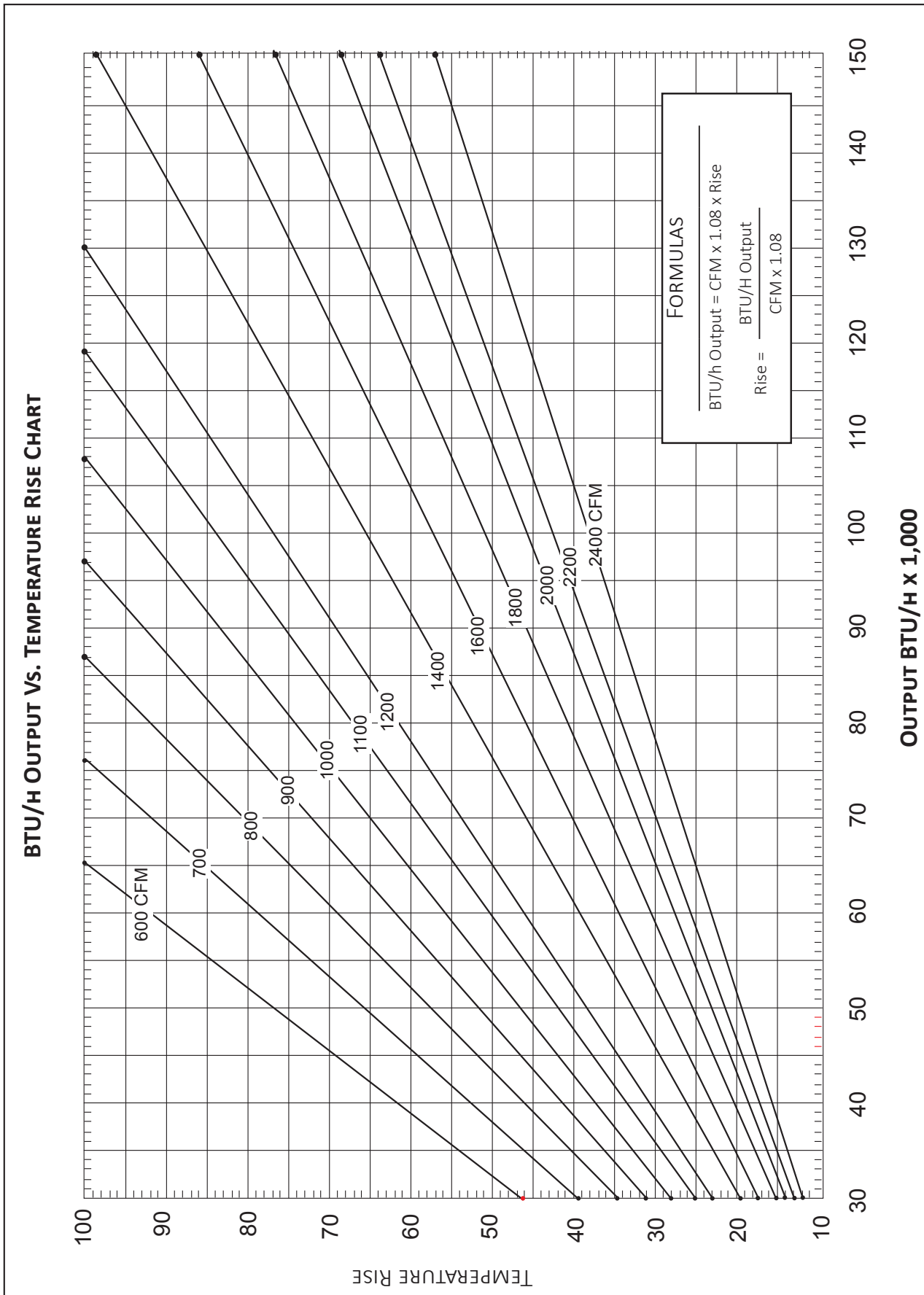
X = Outside of Temperature Rise Range - Not Recommended.

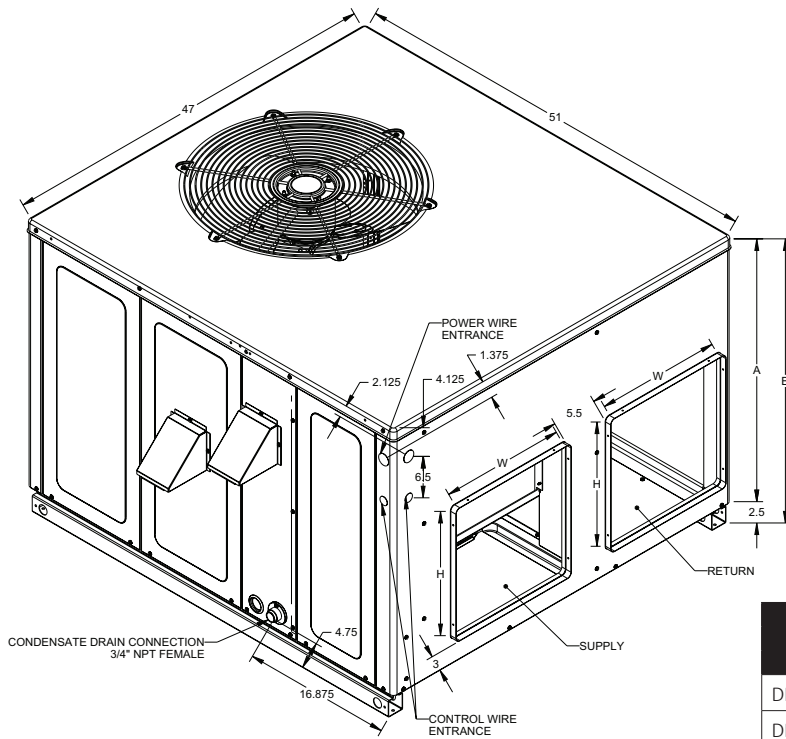
5 Ton
 MODELS: DP5GM60***41A*

DOWN FLOW						
SPEED TAP	TORQUE %	TORQUE OZ-FT	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1	25	20	0.2	983	570	0.14
			0.4	833	659	0.16
			0.6	703	739	0.18
			0.8	574	808	0.19
T2	32	25.9	0.2	1175	640	0.20
			0.4	1057	714	0.22
			0.6	902	801	0.25
			0.8	790	874	0.27
T3	78	62.4	0.2	1963	883	0.66
			0.4	1858	939	0.70
			0.6	1760	990	0.74
			0.8	1668	1038	0.77
T4	78	62.4	0.2	1963	883	0.66
			0.4	1858	939	0.70
			0.6	1760	990	0.74
			0.8	1668	1038	0.77
T5	100	80	0.2	2369	2196	2.09
			0.4	2248	987	0.94
			0.6	2144	1024	0.97
			0.8	2054	1070	1.02

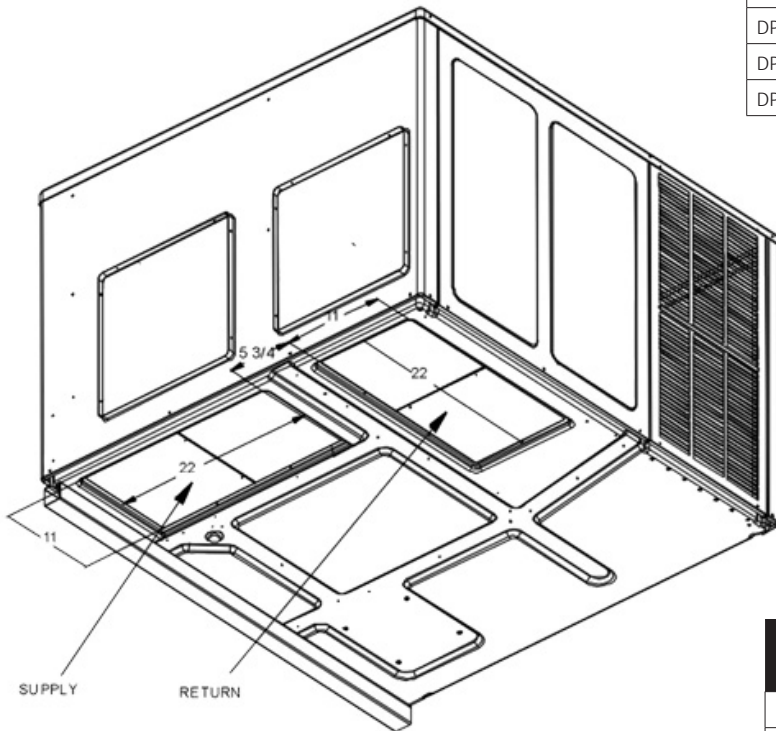
HORIZONTAL FLOW						
SPEED TAP	TORQUE %	TORQUE OZ-FT	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1	25	20	0.2	1003	606	0.14
			0.4	850	701	0.17
			0.6	718	785	0.19
			0.8	586	858	0.20
T2	32	25.9	0.2	1229	617	0.19
			0.4	1105	699	0.22
			0.6	945	795	0.24
			0.8	844	861	0.27
T3	78	62.4	0.2	2032	853	0.63
			0.4	1941	908	0.67
			0.6	1850	966	0.72
			0.8	1757	1018	0.76
T4	78	62.4	0.2	2032	853	0.63
			0.4	1941	908	0.67
			0.6	1850	966	0.72
			0.8	1757	1018	0.76
T5	100	80	0.2	2323	929	0.88
			0.4	2245	978	0.93
			0.6	2161	1028	0.98
			0.8	2080	1079	1.03

Shaded area indicates air flow below 1500 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating



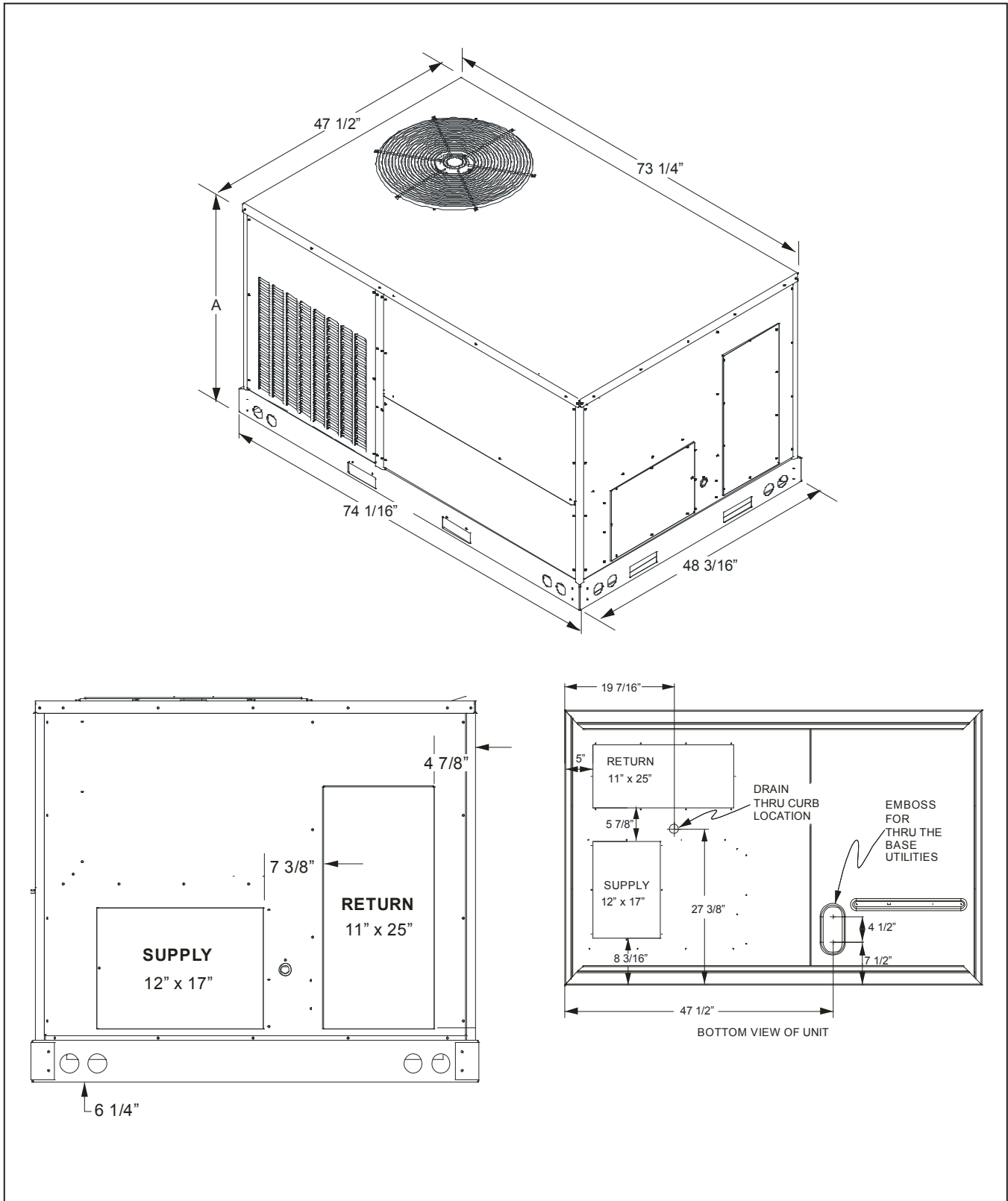


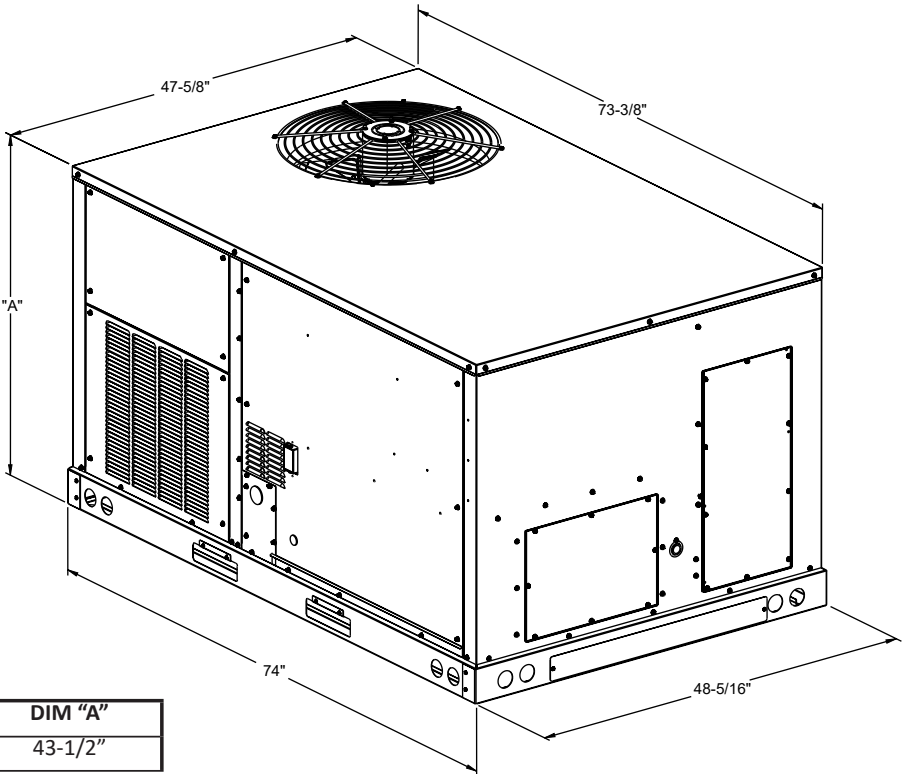
MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
	W	D	HEIGHT		
			A	B	
DP5GM24***41	47	51	32	34½	Medium
DP5GM30***41	47	51	32	34½	Medium
DP5GM36***41	47	51	40	42½	Large
DP5GM42***41	47	51	40	42½	Large
DP5GM48***41	47	51	40	42½	Large
DP5GM60***41	73¾	47¾	39	43¾	X-Large



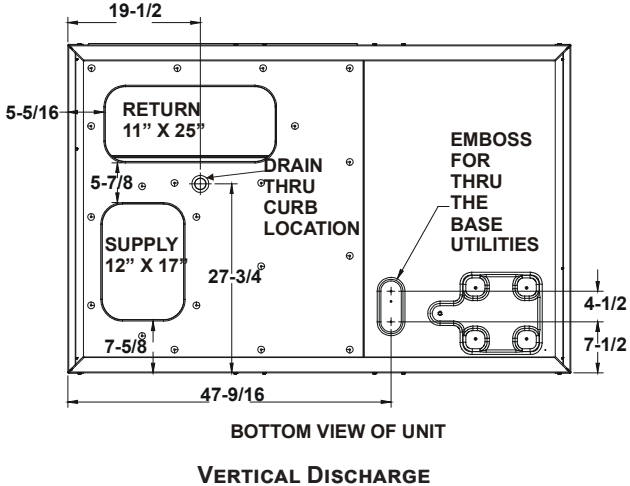
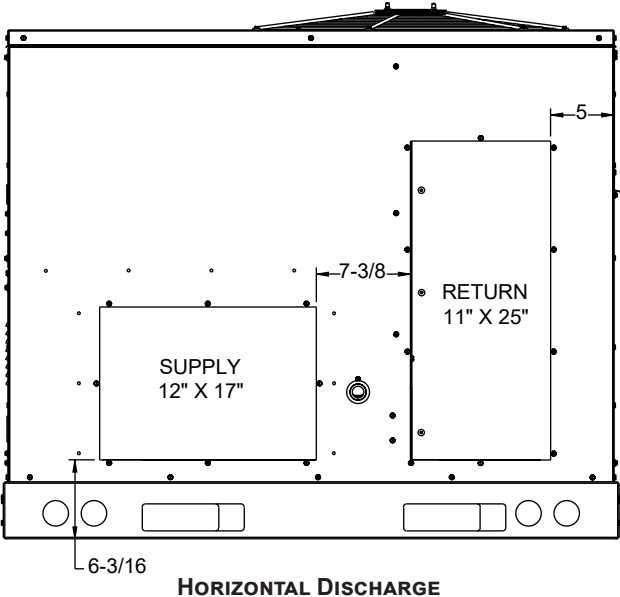
MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
DP5GM24***41	16	16	16	16
DP5GM30***41	16	16	16	16
DP5GM36***41	16	18	16	18
DP5GM42***41	16	18	16	18
DP5GM48***41	16	18	16	18
DP5GM60***41	17	12	11	25

DIMENSIONS – DP5GM60***41





Model size	DIM "A"
5 ton	43-1/2"



ROOF CURB INSTALLATION — RIGGING

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 60".
- Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from fork lift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.

Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Duct-work dimensions are shown in Roof Curb Installation Instructions Manual.

Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end.

Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

To assist in determining rigging requirements, unit weights are shown below.

Curb installations must comply with local codes and should follow the established guidelines of the National Roofing Contractors Association.

Proper unit installation requires that the roof curb be firmly and permanently attached to the roof structure. Check for adequate fastening method prior to setting the unit on the curb.

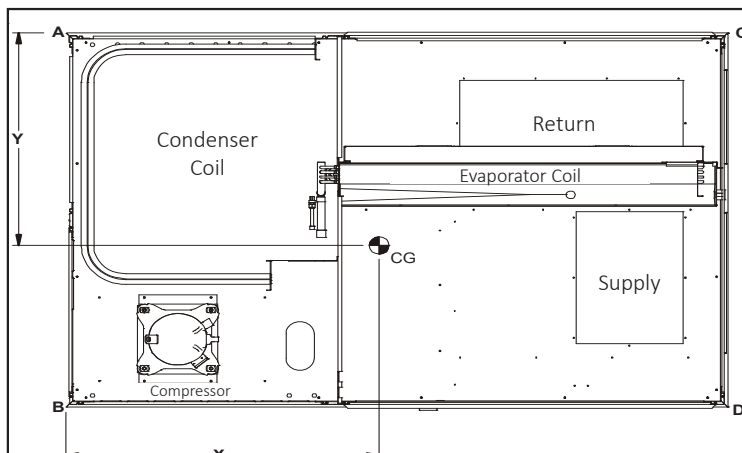
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory package.

- Determine sufficient structural support before locating and mounting the curb and package unit.
- Duct-work must be constructed using industry guidelines. The duct-work must be placed into the roof curb before mounting the package unit. Our full perimeter curbs include duct connection frames to be assembled with the curb. Cantilevered-type curbs are not available from the factory.
- Contractor furnishes curb insulation, cant strips, flashing, and general roofing material.
- Support curbs on parallel sides with roof members. To prevent damage to the unit, the roof members cannot penetrate supply and return duct openings.

Note: The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

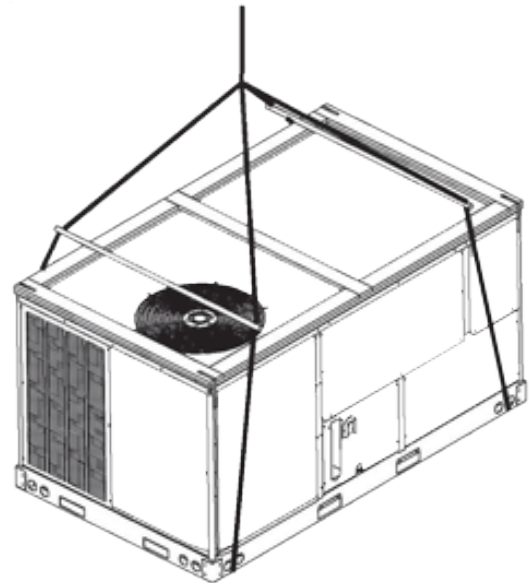
See the manual shipped with the roof curb for assembly and installation instructions.

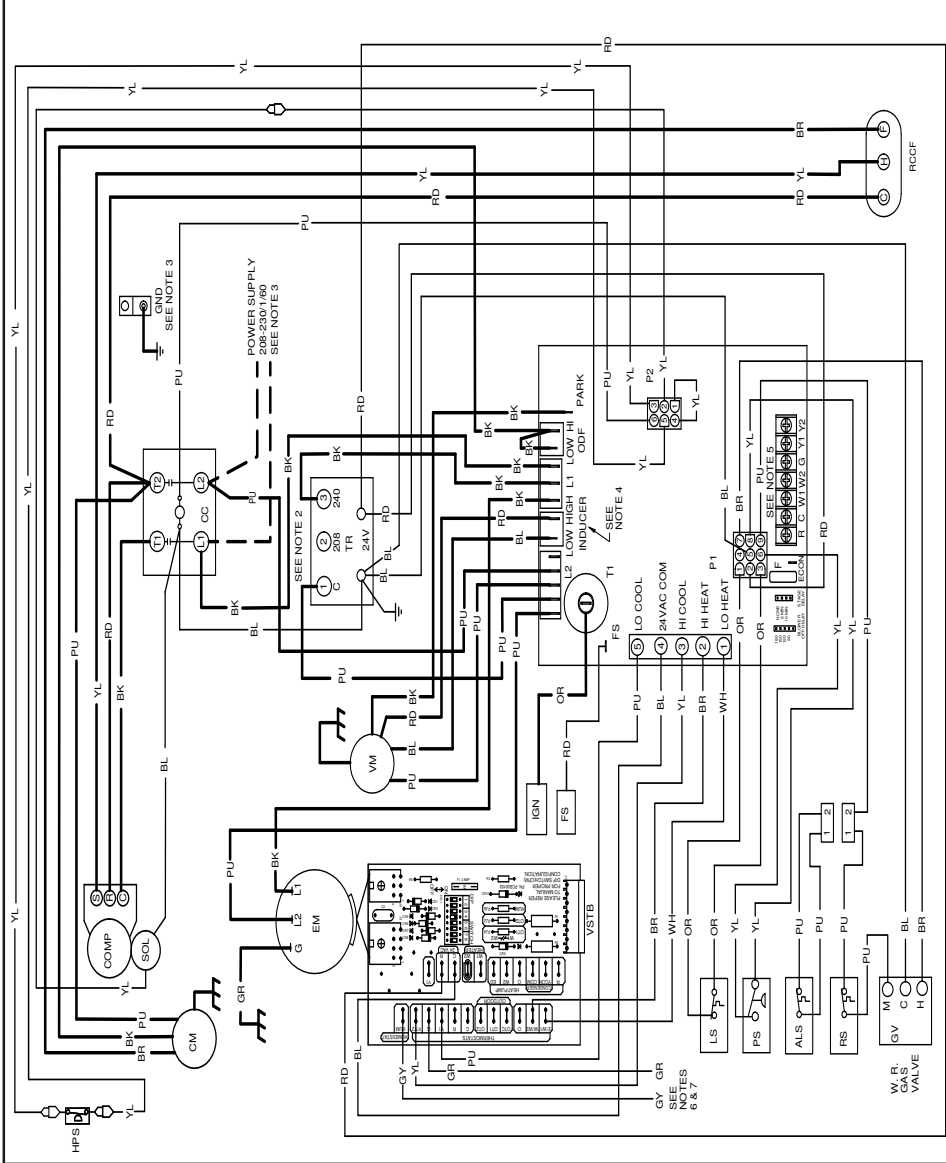
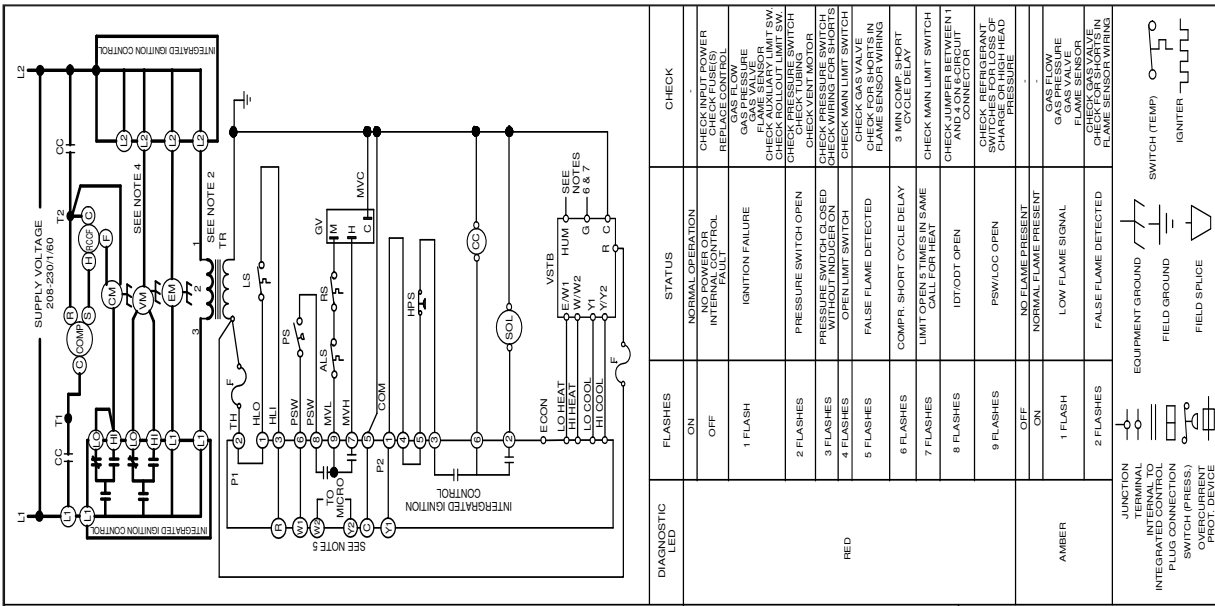
CORNER & CENTER-OF-GRAVITY LOCATIONS



MODEL	X (IN)	Y (IN)	SHIPPING WEIGHT (LBS)	OPERATING WEIGHT (LBS)
DP5GM60***41	46.4	28.1	655	629

MODEL	CORNER WEIGHTS (LBS.)			
	A	B	C	D
DP5GM60***41	186	204	65	174





NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (USE COPPER CONDUCTOR ONLY).
- INSULATION FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- FOR 24V OPERATION REMOVE BLUE LEAD FROM INDUCER LOW TERMINAL. MOVE BLACK LEAD FROM PARK TERMINAL ONTO TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- FOR ALTERNATE CONTINUOUS FAN SPEED, CONNECT FAN TERMINAL TO TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- FOR ALTERNATE CONTINUOUS FAN SPEED, CONNECT FAN TERMINAL TO TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- FOR ALTERNATE CONTINUOUS FAN SPEED, CONNECT FAN TERMINAL TO TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- FOR ALTERNATE CONTINUOUS FAN SPEED, CONNECT FAN TERMINAL TO TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- FOR ALTERNATE CONTINUOUS FAN SPEED, CONNECT FAN TERMINAL TO TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.

FACTORY WIRING

- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE
- FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE
- WIRE CODE
- BK BLACK
- BL BLUE
- GR GREEN
- GY GRAY
- OR PURPLE
- PU PINK
- RD RED
- TR WHITE
- YL YELLOW

COMPONENT LEGEND

- ALS AUXILIARY LIMIT SWITCH
- CC CONTACTOR
- COMP COMPRESSOR
- CM CAPACITOR
- EM EVAPORATOR MOTOR
- FAN FAN
- FS FUSE
- GND GROUND
- GV GAS VALVE
- IC INTEGRATED IGNITION CONTROL
- IGN IGNITOR
- IND INDUCER
- ODF OUTDOOR FAN
- PS PRESSURE SWITCH
- PSW RUN CAPACITOR FOR COMPRESSOR/FAN
- SOL SOLENOID (2ND STAGE COOL)
- TR TRANSFORMER
- VARIABLE SPEED TERMINAL BOARD
- VSTB VARIABLE SPEED TERMINAL BOARD

TRANSFORMER HIGH

- TH HI LIMIT OUTPUT
- HLO HI LIMIT OUTPUT
- PSW PRESSURE SWITCH
- MVL MAIN GAS VALVE LOW
- MVH MAIN GAS VALVE HIGH
- MVC MAIN GAS VALVE COMMON

W R GAS VALVE

- M
- C
- H
- O
- 2
- 3

WIRE CODE

- BK BLACK
- BL BLUE
- GR GREEN
- GY GRAY
- OR PURPLE
- PU PINK
- RD RED
- TR WHITE
- YL YELLOW

DIAGNOSTIC LED

- ON
- OFF
- 1 FLASH
- 2 FLASHES
- 3 FLASHES
- 4 FLASHES
- 5 FLASHES
- 6 FLASHES
- 7 FLASHES
- 8 FLASHES
- 9 FLASHES
- OFF
- ON
- 1 FLASH
- 2 FLASHES

STATUS

- NORMAL OPERATION
- INTERNAL CONTROL FAULT
- IGNITION FAILURE
- PRESSURE SWITCH OPEN
- PRESSURE SWITCH CLOSED
- WATER IN
- OPEN LIMIT SWITCH
- FALSE FLAME DETECTED
- COMPR. SHORT CYCLE DELAY
- LIMIT OPEN 5 TIMES IN SAME CALL FOR HEAT
- IDT/ODT OPEN
- PSW/LOC OPEN
- NO FLAME PRESENT
- NORMAL FLAME PRESENT
- LOW FLAME SIGNAL
- FALSE FLAME DETECTED

CHECK

- CHECK MAIN POWER
- CHECK FUSES
- REPLACE CONTROL
- GAS PRESSURE
- FLAME SENSOR
- FLAME ROLLOUT LIMIT SW
- CHECK VENT MOTOR
- CHECK PRESSURE SWITCH
- WATER IN
- OPEN LIMIT SWITCH
- CHECK MAIN LIMIT SWITCH
- CHECK FOR SHORTS IN WIRE
- CHECK MAIN LIMIT SWITCH
- CHECK REFRIGERANT CHARGE OR HIGH HEAD PRESSURE
- GAS FLOW
- FLAME SIGNAL
- FLAME SENSOR
- CHECK FOR SHORTS IN FLAME SENSOR WIRING

LEGEND

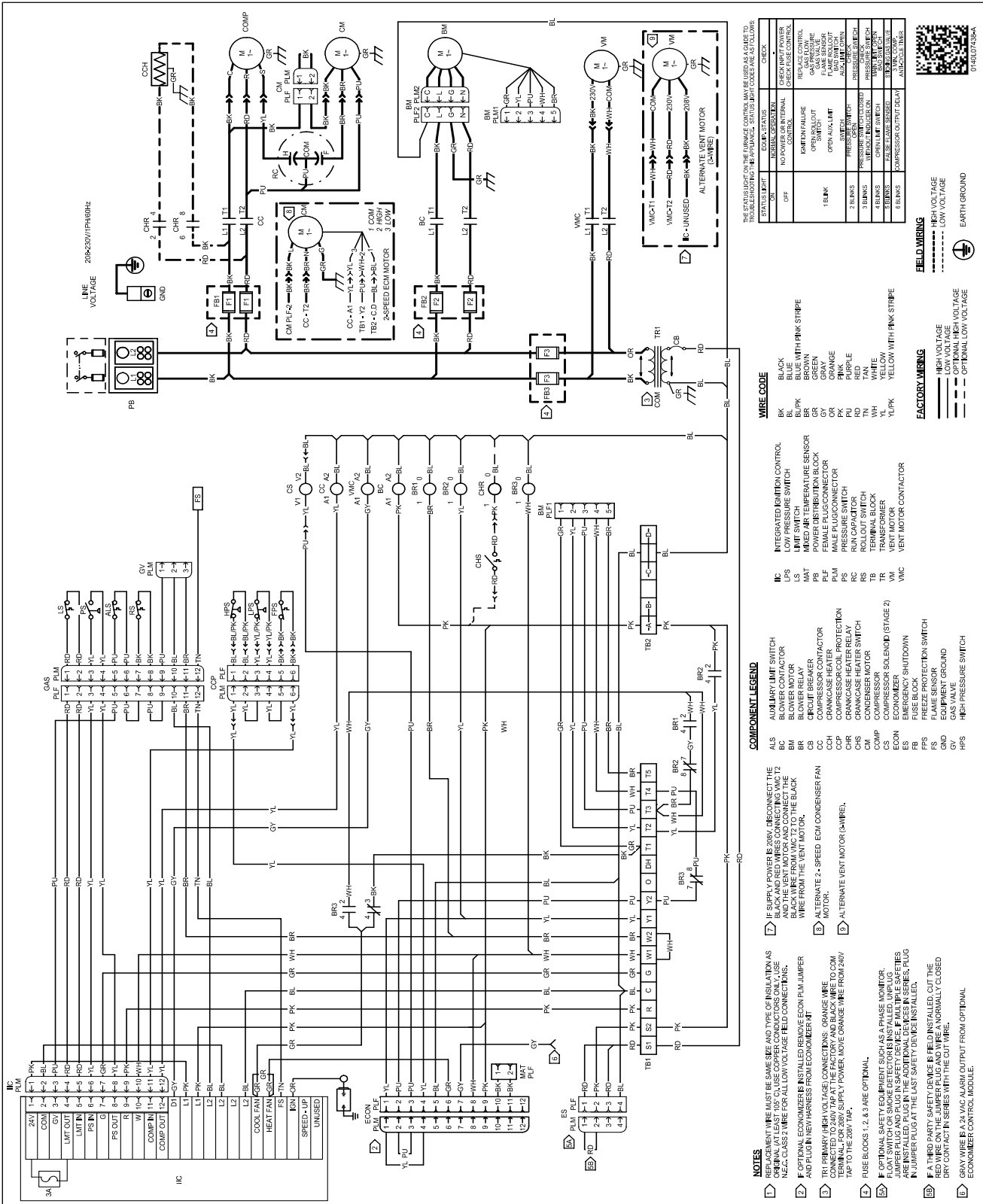
- JUNCTION
- INTERNAL TO SWITCH (PRESS) PROT. DEVICE
- EQUIPMENT GROUND
- FIELD GROUND
- FIELD SPICE
- SWITCH (TEMP)

WARNING

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

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

WIRING DIAGRAM — DP5GM60***41**



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

WARNING

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

NOTES

- 1 REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL WIRE. USE THE FOLLOWING TABLE FOR WIRE CONNECTIONS.
- 2 IF SUPPLY POWER IS 208V, DISCONNECT THE BLOWER MOTOR AND THE VENT MOTOR AND CONNECT THE BLACK WIRE FROM VMC TO THE BLACK WIRE FROM THE VENT MOTOR.
- 3 IF OPTIONAL ECONOMIZER IS INSTALLED REMOVE ECON PUM JUMPER AND PLUG IN NEW WIRE FROM ECONOMIZER KIT.
- 4 TR1 PRIMARY HIGH VOLTAGE CONNECTIONS, ORANGE WIRE CONNECTED TO 200V TAP AT THE FACTORY AND BLACK WIRE TO COM TERMINAL. FOR 209V SUPPLY POWER, MOVE ORANGE WIRE FROM 200V TAP TO THE 209V TAP.
- 5 FUSE BLOCKS 1, 2, & 3 ARE OPTIONAL.
- 6 OPTIONAL SAFETY EQUIPMENT SUCH AS A PHASE MONITOR, FLOAT SWITCH OR SMOKE DETECTOR IS INSTALLED, IMPULSES ARE INSTALLED. PLUG IN THE ADDITIONAL DEVICES IN SERIES. PLUG IN JUMPER PLUG AT THE LAST SAFETY DEVICE IS INSTALLED.
- 7 A THIRD PARTY SAFETY DEVICE IS FIELD INSTALLED, CUT THE RED WIRE ON THE JUMPER PLUG AND WIRE A NORMALLY CLOSED DRY CONTACT IN SERIES WITH THE GFI WIRE.
- 8 GRAY WIRE IS A 2A VMC ALARM OUTPUT FROM OPTIONAL ECONOMIZER CONTROL MODULE.

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
BLM	BLOWER MOTOR
BC	BLIND CONTACTOR
BM	BLIND MOTOR
CB	CIRCUIT BREAKER
CC	COMPRESSOR CONTACTOR
COH	CRANKCASE HEATER
COP	CRANKCASE OIL COLLECTION
CS	CONDENSER MOTOR
CHS	CRANKCASE HEATER SWITCH
CM	COMPRESSOR MOTOR
ECON	ECONOMIZER
ES	EMERGENCY SHUTDOWN
FB	FUSE BLOCK
FFS	FREEZE PROTECTION SWITCH
GN	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH

WIRE CODE

BK	BLACK
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

FACTORY WIRING

—	HIGH VOLTAGE
---	OPTIONAL HIGH VOLTAGE
- - -	OPTIONAL LOW VOLTAGE
⊕	EARTH GROUND

FIELD WIRING

—	HIGH VOLTAGE
---	OPTIONAL HIGH VOLTAGE
- - -	OPTIONAL LOW VOLTAGE
⊕	EARTH GROUND

WIRE COLOR CODE

BK	BLACK
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

WIRE COLOR CODE

BK	BLACK
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

WIRE COLOR CODE

BK	BLACK
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

WIRE COLOR CODE

BK	BLACK
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

WIRE COLOR CODE

BK	BLACK
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

WIRE COLOR CODE

BK	BLACK
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

WIRE COLOR CODE

BK	BLACK
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FOR DP5GM24-48*41**

ACCESSORY DESCRIPTION	ITEM NUMBER	
	MEDIUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	DDNECNJPGMM	DDNECNJPGML
Downflow Internal Filter Rack (with Economizer)	DDNIFRPGMM	N/A (built into economizer)
Downflow Internal Filter Rack (no Economizer)	DDNIFRPGA	DDNIFRPGA
Downflow Manual Damper	DDN25FDPGCHMM	DDN25FDPGCHML
Downflow Motorized Damper	DDN25MFDPGCHMM	DDN25MFDPGCHML
Downflow Square to Round	SQRPG101/102	SQRPG103
Economizer Wiring Harness (2-4 Ton)	0259L00412	0259L00412
External Horizontal Filter Rack	DPHFRA	DPHFRA
High-Altitude Kit	HA-03	HA-03
Horizontal Duct Cover	20464501NGK	20464502NGK
Horizontal Economizer	DHZECNJPCHM	DHZECNJPCHL
Horizontal Manual Damper	DHZ25FDPGCHMM	DHZ25FDPGCHML
Horizontal Motorized Damper	DHZ25MFDPGCHMM	DHZ25MFDPGCHML
Horizontal Square to Round	SQRPGH101/102	SQRPGH103
Internal Horizontal Filter Rack	DHZIFRPGCHA	DHZIFRPGCHA
LP Conversion Kit	LPM-08	LPM-08
Outdoor Thermostat with Housing	OTDFPKG-01	OTDFPKG-01
Roof Curb	D14CRBPGCHMA	D14CRBPGCHMA

FOR THE DP5GM60*41A* UNITS**

ITEM #	DESCRIPTION
0221L00014	14" Roof Curb
0270L01166	25% Manual Fresh Air Damper
0270L01165	25% Motorized Fresh Air Damper
0270L01338	Concentric Duct Adapter Kit 18"
0270L01753	Downflow Low-Leak Economizer Enthalpy
0270L01755	Downflow Ultra Low-Leak Economizer Enthalpy
0270L01757	Horizontal Ultra Low-Leak Economizer Enthalpy
0270L01250	Hurricane Restraint Clips (for 0221L00014 Roof Curb)
0270L01261	Hurricane Restraint Clips
HAKT036150	High Altitude Kit
LPHE-036072	LP Conversion Kit
HEFLUE048060	Flue Extension Kit

