



5 Tons



2 - 4 Tons

R-32 HIGH-EFFICIENCY PACKAGED GAS / ELECTRIC

UP TO 15.2 SEER2 / 81% AFUE

2 TO 5 TONS

■ Contents

Nomenclature	2
Product Specifications	3
Expanded Cooling Data	4
Airflow Data	28
Dimensions	31
Wiring Diagram	35
Accessories	37

R32

■ 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 pressure switch protection
- Direct-spark ignition system with microprocessor-based control for the entire ignition sequence
- DP5GM models comply with California Low NOx standards (40ng/J NOx), but are not eligible for installation in California's South Coast Air Quality Management District (SCAQMD), San Joaquin Valley Air Pollution Control District (SJVAPCD), or Bay Area Air Quality Management District (BAAQMD)
- DP5UM models comply with the SCAQMD Rule 1111, the SJVAPCD Rule 4905, and the BAAQMD Rule 9-4 14 ng/J NOx emission limit. 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; UL 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 2023 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 Florida, California, or Québec. The duration of warranty coverage in Texas and Florida differs in some cases. Other limitations and exclusions apply; refer to complete warranty details for a full list of limitations and exclusions.

	D	P	5	G	M	60	120	3	1	A	A	
	1	2	3	4	5	6,7	8,9,10	11	12	13	14	
Brand											Minor Revision	
D - Daikin											A	
Product Category											Major Revision	
P - Packaged Unit											A	
Efficiency											Electrical	
3 - 13.4 SEER2											1 - 208/230V single-phase, 60 Hz	
5 - 15.2 SEER2											3 - 208/230 V,3 Phase, 60 Hz	
Unit Type											Refrigerant	
G - Gas/Electric											3 - R-32	
D - Dual Fuel											Heat Input	
U - Ultra Low NOx											060 60 MBTU/H 100 100 MBTU/H	
Airflow											Tonnage Nominal	
M - Multi-position											24 - 2 tons 42 - 3½ tons	
											30 - 2½ tons 48 - 4 tons	
											36 - 3 tons 60 - 5 tons	

	DP5GM 2406031	DP5GM 3008031	DP5GM 3608031	DP5GM 4210031	DP5GM 4810031	DP5GM 6014031	DP5UM 3008031	DP5UM 3608031
COOLING CAPACITY								
Total BTU/h	23,800	29,400	35,600	41,500	46,000	59,000	29,400	35,600
Sensible BTU/h	18,370	23,100	28,550	30,040	32,600	43,660	23,100	28,550
SEER2 / EER2	15.2	14.8	15.2	15.2	15.2	15.4	14.8	15.2
Decibels	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
AHRI Reference #s	78	73	76	76	77	78	73	76
HEATING CAPACITY (BTU/H)								
High-Fire Input / Output	60,000 / 45,000	80,000 / 60,000	80,000 / 60,000	100,000 / 75,000	100,000 / 75,000	135000 / 101250	80,000 / 60,000	80,000 / 60,000
Low-Fire Input / Output	48600 / 36450	64800 / 48600	64800 / 48600	81000 / 60750	81000 / 60750	109350 / 82000	64800 / 48600	64800 / 48600
AFUE	81	81	81	81	81	81	81	81
High/Low Temperature Rise Range	25-55	35-65	35-65	35-65	35-65	35-65	35-65	35-65
No. of Burners	3	4	4	5	5	6	4	4
EVAPORATOR MOTOR								
Type	ECM	ECM	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"	10" x 9"	11" x 10"
Indoor Nominal CFM	800	950	1,200	1,250	1,300	2,000	950	1,200
No. of Speeds	Variable	Variable	Variable	Variable	Variable	5	Variable	Variable
Indoor Blower FLA	4.3	4.3	6.8	6.8	6.8	6.9	4.3	6.8
Horsepower	1/2	1/2	3/4	3/4	3/4	1	1/2	3/4
EVAPORATOR COIL								
FACE AREA (FT²)	4.3	4.3	5.7	5.7	5.7	9.2	4.3	5.7
Rows Deep/Fins per Inch	3 / 14	3 / 14	3 / 14	3 / 14	3 / 14	4 / 16	3 / 14	3 / 14
Piston Size (Cooling)	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	58	49	80	118	82	100	49	80
CONDENSER FAN / COIL								
OUTDOOR FAN FLA	0.98	1.3	1.4	1.4	1.4	2.6	1.3	1.4
HORSEPOWER	1/6	1/4	1/4	1/4	1/4	1/3	1/4	1/4
Blade Diameter	22"	22"	22"	22"	22"	22"	22"	22"
Outdoor Nominal CFM	2,279	1,895	2,741	2,927	2,741	4,200	1,895	2,741
Face Area (ft²)	12.3	8.7	14.4	14.9	14.4	19	8.7	14.4
Rows Deep/Fins per Inch	1 / 24	2 / 27	2 / 27	2 / 16	2 / 27	2 / 28	2 / 27	2 / 27
Compressor								
TYPE	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Stage	2	2	2	2	2	2	2	2
RLA	10	13	15	18	23	27	13	15
LRA	67.5	88	91	126	128.4	178	88	91
ELECTRICAL DATA								
Voltage (Frequency 60Hz)	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Phase	1	1	1	1	1	1	1	1
Min. Circuit Ampacity	17.2	21.4	25	29.8	35.8	43.3	21.4	25
Max. Overcurrent Protection	25	30	35	45	50	70	30	35
OPERATING / SHIP WEIGHTS (LBS)	370 / 380	397 / 407	470 / 480	495 / 505	400 / 410	400 / 410	370 / 380	380 / 410

Notes

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

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***31 LOW STAGE

		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
70	500	MBh	17.3	17.6	18.1	-	17.2	17.4	18.0	-	16.7	17.0	17.5	-	15.9	16.2	16.7	-	15.0	15.2	15.8	-	14.1	14.4	14.9	-	14.1	14.4	14.9	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		S/T	0.60	0.53	0.38	-	0.61	0.53	0.39	-	0.64	0.56	0.42	-	1.00	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.51	-	1.00	0.66	0.51	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		ΔT	19.51	17.75	14.45	-	19.47	17.70	14.40	-	19.71	17.95	14.65	-	19.45	17.68	14.38	-	19.21	17.44	14.15	-	20.32	18.55	15.25	-	20.32	18.55	15.25	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		kW	1001	1000	998	-	1127	1126	1123	-	1266	1265	1263	-	1418	1417	1415	-	1587	1586	1584	-	1786	1785	1782	-	1786	1785	1782	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Amps	3.80	3.80	3.79	-	4.35	4.34	4.33	-	4.95	4.95	4.94	-	5.61	5.61	5.60	-	6.35	6.34	6.33	-	7.21	7.21	7.20	-	7.21	7.21	7.20	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Hi PR	244	245	247	-	283	284	286	-	324	325	326	-	367	368	370	-	414	415	417	-	464	465	467	-	464	465	467	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
70	600	Lo PR	128	129	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	159	-	161	163	166	-	161	163	166	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		MBh	17.6	17.9	18.4	-	17.5	17.7	18.2	-	17.0	17.3	17.8	-	16.2	16.5	17.0	-	15.3	15.5	16.1	-	14.4	14.7	15.2	-	14.4	14.7	15.2	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		S/T	0.70	0.62	0.47	-	0.70	0.62	0.48	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	1.00	0.60	-	1.00	1.00	0.60	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		ΔT	18.04	16.27	12.97	-	17.99	16.22	12.92	-	18.24	16.47	13.17	-	17.97	16.20	12.90	-	17.73	15.97	12.67	-	18.84	17.07	13.77	-	18.84	17.07	13.77	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		kW	1010	1009	1007	-	1136	1135	1132	-	1275	1274	1272	-	1427	1426	1424	-	1596	1595	1593	-	1795	1794	1791	-	1795	1794	1791	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Amps	3.84	3.84	3.83	-	4.38	4.38	4.37	-	4.99	4.99	4.98	-	5.65	5.65	5.64	-	6.39	6.38	6.37	-	7.25	7.25	7.24	-	7.25	7.25	7.24	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
700	700	Hi PR	247	248	250	-	286	287	289	-	326	327	329	-	370	371	373	-	417	418	420	-	467	468	470	-	467	468	470	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Lo PR	130	132	135	-	138	140	143	-	145	146	150	-	151	152	156	-	156	158	161	-	163	165	168	-	163	165	168	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		MBh	18.0	18.3	18.8	-	17.9	18.1	18.6	-	17.4	17.7	18.2	-	16.6	16.9	17.4	-	15.7	15.9	16.4	-	14.8	15.0	15.6	-	14.8	15.0	15.6	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		S/T	0.74	0.66	0.52	-	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	-	1.00	1.00	0.65	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		ΔT	16.86	15.10	11.80	-	16.82	15.05	11.75	-	17.06	15.30	12.00	-	16.80	15.03	11.73	-	16.56	14.79	11.50	-	17.67	15.90	12.60	-	17.67	15.90	12.60	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		kW	1017	1016	1014	-	1143	1142	1140	-	1283	1282	1279	-	1434	1433	1431	-	1603	1602	1600	-	1802	1801	1799	-	1802	1801	1799	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
500	500	Amps	3.87	3.87	3.86	-	4.42	4.41	4.40	-	5.02	5.02	5.01	-	5.68	5.68	5.67	-	6.42	6.41	6.40	-	7.28	7.28	7.27	-	7.28	7.28	7.27	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Hi PR	250	251	253	-	289	290	291	-	329	330	332	-	373	374	375	-	420	421	423	-	470	471	473	-	470	471	473	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Lo PR	133	135	138	-	141	142	146	-	148	149	153	-	154	155	158	-	159	161	164	-	166	168	171	-	166	168	171	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		MBh	17.6	17.9	18.4	-	17.5	17.7	18.3	-	17.0	17.3	17.8	-	16.3	16.5	17.0	-	15.3	15.5	16.1	-	14.4	14.7	15.2	-	14.4	14.7	15.2	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		S/T	0.83	0.75	0.61	-	1.00	0.76	0.62	-	1.00	0.78	0.64	-	1.00	0.80	0.66	-	1.00	0.82	0.68	-	1.00	1.00	0.74	-	1.00	1.00	0.74	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		ΔT	21.92	20.15	16.86	-	21.87	20.11	16.81	-	22.12	20.35	17.06	-	21.85	20.09	16.79	-	21.62	19.85	16.55	-	22.72	20.96	17.66	-	22.72	20.96	17.66	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
700	700	kW	1009	1008	1006	-	1135	1134	1132	-	1275	1274	1272	-	1426	1425	1423	-	1595	1594	1592	-	1794	1793	1791	-	1794	1793	1791	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Amps	3.84	3.83	3.82	-	4.38	4.38	4.37	-	4.99	4.99	4.98	-	5.65	5.64	5.63	-	6.38	6.38	6.37	-	7.25	7.24	7.23	-	7.25	7.24	7.23	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Hi PR	247	248	250	-	286	287	289	-	327	328	329	-	370	371	373	-	417	418	420	-	467	468	470	-	467	468	470	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Lo PR	130	132	135	-	138	140	143	-	145	146	150	-	151	152	156	-	156	158	161	-	163	165	168	-	163	165	168	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		MBh	18.0	18.3	18.8	-	17.9	18.1	18.6	-	17.4	17.7	18.2	-	16.6	16.9	17.4	-	15.7	15.9	16.4	-	14.8	15.1	15.6	-	14.8	15.1	15.6	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		S/T	0.87	0.79	0.65	-	1.00	0.80	0.66	-	1.00	0.83	0.68	-	1.00	0.85	0.70	-	1.00	0.87	0.73	-	1.00	1.00	0.78	-	1.00	1.00	0.78	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
700	700	ΔT	20.75	18.98	15.68	-	20.70	18.93	15.63	-	20.95	19.18	15.88	-	20.68	18.91	15.62	-	20.45	18.68	15.38	-	21.55	19.79	16.49	-	21.55	19.79	16.49	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		kW	1017	1016	1013	-	1142	1141	1139	-	1282	1281	1279	-	1433	1432	1430	-	1602	1601	1599	-	1801	1800	1798	-	1801	1800	1798	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Amps	3.87	3.86	3.85	-	4.41	4.41	4.40	-	5.02	5.02	5.01	-	5.68	5.67	5.67	-	6.41	6.41	6.40	-	7.28	7.27	7.26	-	7.28	7.27	7.26	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Hi PR	250	251	253	-	289	290	292	-	329	330	332	-	373	374	376	-	420	421	423	-	470	471	473	-	470	471	473	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Lo PR	133	135	138	-	141	142	146	-	148	149	153	-	154	155	158	-	159	161	164	-	166	168	171	-	166	168	171	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

EXPANDED COOLING DATA — DP5GM24***31 LOW STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																															
		65°F				75°F				85°F				95°F				105°F				115°F											
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
500	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.1	18.8	16.8	17.1	17.6	18.4	16.0	16.3	16.8	17.6	15.1	15.3	15.9	16.7	14.2	14.5	15.0	15.8								
	S/T	1.00	0.79	0.65	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.78	0.6								
	ΔT	27.31	25.54	22.24	18.8	27.26	25.49	22.20	18.8	27.51	25.74	22.44	19.0	27.24	25.48	22.18	18.8	27.01	25.24	21.94	18.5	28.11	26.35	23.05	19.6								
	kW	1001	1000	998	1008	1126	1125	1123	1133	1266	1265	1263	1273	1418	1417	1415	1424	1587	1586	1584	1593	1785	1784	1782	1792								
	Amps	3.80	3.80	3.79	3.8	4.34	4.34	4.33	4.4	4.95	4.95	4.94	5.0	5.61	5.61	5.60	5.6	6.35	6.34	6.33	6.4	7.21	7.21	7.20	7.2								
	Hi PR	245	246	248	252.1	284	285	286	290.8	324	325	327	331.3	368	369	371	374.9	415	416	418	421.9	465	466	468	472.1								
600	Lo PR	128	130	133	138.7	136	138	141	146.5	143	145	148	153.3	149	150	154	159.1	154	156	159	164.8	162	163	166	171.9								
	MBh	17.7	18.0	18.5	19.3	17.6	17.8	18.3	19.1	17.1	17.4	17.9	18.7	16.3	16.6	17.1	17.9	15.4	15.6	16.2	17.0	14.5	14.8	15.3	16.1								
	S/T	1.00	0.88	0.74	0.6	1.00	0.89	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.82	0.7	1.00	1.00	1.00	0.7								
	ΔT	25.83	24.07	20.77	17.3	25.78	24.02	20.72	17.3	26.03	24.27	20.97	17.5	25.77	24.00	20.70	17.3	25.53	23.76	20.46	17.0	26.64	24.87	21.57	18.2								
	kW	1010	1009	1007	1017	1135	1134	1132	1142	1275	1274	1272	1282	1427	1426	1424	1433	1596	1595	1593	1602	1794	1793	1791	1801								
	Amps	3.84	3.83	3.83	3.9	4.38	4.38	4.37	4.4	4.99	4.99	4.98	5.0	5.65	5.65	5.64	5.7	6.39	6.38	6.37	6.4	7.25	7.24	7.24	7.3								
700	Hi PR	248	249	251	254.9	287	288	289	293.6	327	328	330	334.1	371	372	373	377.7	418	419	420	424.8	468	469	471	475.0								
	Lo PR	131	132	136	141.1	139	140	143	149.0	145	147	150	155.8	151	153	156	161.6	157	159	162	167.2	164	166	169	174.4								
	MBh	18.1	18.4	18.9	19.7	18.0	18.2	18.7	19.5	17.5	17.8	18.3	19.1	16.7	17.0	17.5	18.3	15.8	16.0	16.5	17.3	14.9	15.1	15.7	16.5								
	S/T	1.00	0.92	0.78	0.6	1.00	0.93	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.8								
	ΔT	24.66	22.89	19.59	16.2	24.61	22.84	19.55	16.1	24.86	23.09	19.79	16.4	24.59	22.83	19.53	16.1	24.36	22.59	19.29	15.9	25.46	23.70	20.40	17.0								
	kW	1017	1016	1014	1024	1143	1142	1139	1149	1282	1281	1279	1289	1434	1433	1431	1440	1603	1602	1600	1609	1801	1800	1798	1808								
80	Amps	3.87	3.87	3.86	3.9	4.41	4.41	4.40	4.4	5.02	5.02	5.01	5.1	5.68	5.68	5.67	5.7	6.42	6.41	6.40	6.4	7.28	7.28	7.27	7.3								
	Hi PR	251	252	253	257.6	289	290	292	296.3	330	331	333	336.8	373	374	376	380.4	420	421	423	427.5	471	472	473	477.7								
	Lo PR	134	135	139	144.0	141	143	146	151.8	148	150	153	158.6	154	156	159	164.4	160	161	165	170.1	167	168	172	177.2								

		OUTDOOR AMBIENT TEMPERATURE																															
		65°F								75°F								85°F															
		ENTERING INDOOR WET BULB TEMPERATURE																95°F															
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	59	63	67	71	75	79	83	87								
500	MBh	17.7	18.0	18.5	19.3	17.6	17.8	18.3	19.1	17.1	17.4	17.9	18.7	16.3	16.6	17.1	17.9	15.4	15.6	16.2	16.9	14.5	14.8	15.3	16.1								
	S/T	1.00	0.90	0.76	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7								
	ΔT	30.78	29.01	25.71	22.3	30.73	28.96	25.66	22.2	30.98	29.21	25.91	22.5	30.71	28.95	25.65	22.2	30.48	28.71	25.41	22.0	31.58	29.82	26.52	23.1								
	kW	1003	1002	1000	1010	1129	1128	1126	1135	1269	1268	1266	1275	1420	1419	1417	1427	1589	1588	1586	1596	1788	1787	1785	1794								
	Amps	3.81	3.81	3.80	3.8	4.36	4.35	4.34	4.4	4.96	4.96	4.95	5.0	5.62	5.62	5.61	5.7	6.36	6.35	6.34	6.4	7.22	7.22	7.21	7.2								
	Hi PR	246	247	249	253.2	285	286	288	291.9	325	326	328	332.4	369	370	372	376.1	416	417	419	423.1	466	467	469	473.3								
	Lo PR	130	132	135	140.6	138	140	143	148.4	145	146	150	155.2	151	152	156	161.0	156	158	161	166.7	163	165	168	173.8								
600	MBh	18.0	18.3	18.8	19.6	17.9	18.1	18.6	19.4	17.4	17.7	18.2	19.0	16.6	16.9	17.4	18.2	15.7	15.9	16.4	17.2	14.8	15.1	15.6	16.4								
	S/T	1.00	0.99	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8								
	ΔT	29.30	27.53	24.24	20.8	29.25	27.49	24.19	20.8	29.50	27.73	24.44	21.0	29.23	27.47	24.17	20.8	29.00	27.23	23.93	20.5	30.10	28.34	25.04	21.6								
	kW	1012	1011	1009	1019	1138	1137	1135	1144	1278	1277	1275	1284	1429	1428	1426	1436	1598	1597	1595	1605	1797	1796	1794	1803								
	Amps	3.85	3.85	3.84	3.9	4.39	4.39	4.38	4.4	5.00	5.00	4.99	5.0	5.66	5.66	5.65	5.7	6.40	6.39	6.38	6.4	7.26	7.26	7.25	7.3								
	Hi PR	249	250	252	256.1	288	289	290	294.7	328	329	331	335.2	372	373	375	378.9	419	420	422	425.9	469	470	472	476.1								
	Lo PR	133	134	138	143.1	141	142	145	150.9	147	149	152	157.7	153	155	158	163.5	159	160	164	169.2	166	168	171	176.3								
700	MBh	18.4	18.7	19.2	20.0	18.3	18.5	19.0	19.8	17.8	18.0	18.6	19.4	17.0	17.3	17.8	18.6	16.1	16.3	16.8	17.6	15.2	15.4	16.0	16.7								
	S/T	1.00	1.00	0.89	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.92	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9								
	ΔT	28.13	26.36	23.06	19.6	28.08	26.31	23.01	19.6	28.33	26.56	23.26	19.8	28.06	26.29	23.00	19.6	27.83	26.06	22.76	19.3	28.93	27.16	23.87	20.4								
	kW	1020	1019	1016	1026	1145	1144	1142	1151	1285	1284	1282	1291	1436	1435	1433	1443	1605	1604	1602	1612	1804	1803	1801	1810								
	Amps	3.88	3.88	3.87	3.9	4.43	4.42	4.41	4.5	5.03	5.03	5.02	5.1	5.69	5.69	5.68	5.7	6.43	6.42	6.41	6.5	7.29	7.29	7.28	7.3								
	Hi PR	252	253	254	258.8	290	291	293	297.4	331	332	334	337.9	375	376	377	381.6	422	423	424	428.6	472	473	475	478.8								
	Lo PR	136	137	140	145.9	143	145	148	153.7	150	152	155	160.6	156	158	161	166.3	162	163	167	172.0	169	170	174	179.1								

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***31 HIGH STAGE

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																				
70	600	MBh	23.9	24.3	25.0	-	23.7	24.1	24.8	-	23.1	23.4	24.2	-	22.0	22.3	23.1	-	20.7	21.0	21.7	-	19.5	19.8	20.5	-																							
		S/T	0.52	0.44	0.31	-	0.53	0.45	0.31	-	0.55	0.48	0.34	-	0.57	0.50	0.36	-	1.00	0.52	0.38	-	1.00	0.57	0.43	-																							
		ΔT	21.19	19.36	15.94	-	21.14	19.31	15.89	-	21.40	19.57	16.15	-	21.12	19.29	15.87	-	20.88	19.05	15.63	-	22.02	20.19	16.77	-																							
		kW	1583	1581	1578	-	1782	1780	1777	-	2004	2003	1999	-	2245	2244	2240	-	2514	2512	2509	-	2830	2828	2825	-																							
		Amps	6.00	6.00	5.98	-	6.87	6.86	6.85	-	7.84	7.83	7.81	-	8.88	8.88	8.86	-	10.05	10.05	10.03	-	11.42	11.42	11.40	-																							
		Hi PR	254	255	257	-	294	296	297	-	337	338	340	-	382	384	385	-	432	433	435	-	484	485	487	-																							
70	800	Lo PR	123	125	128	-	131	132	135	-	137	139	142	-	143	145	148	-	148	150	153	-	155	157	160	-																							
		MBh	24.5	24.9	25.6	-	24.3	24.7	25.4	-	23.7	24.0	24.7	-	22.6	22.9	23.7	-	21.3	21.6	22.3	-	20.1	20.4	21.1	-																							
		S/T	0.68	0.60	0.46	-	0.68	0.61	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.54	-	1.00	0.73	0.59	-																							
		ΔT	18.69	16.86	13.44	-	18.64	16.81	13.39	-	18.90	17.07	13.65	-	18.62	16.79	13.37	-	18.38	16.55	13.13	-	19.52	17.69	14.27	-																							
		kW	1606	1604	1601	-	1805	1804	1800	-	2028	2026	2023	-	2268	2267	2264	-	2537	2536	2532	-	2853	2851	2848	-																							
		Amps	6.10	6.10	6.08	-	6.97	6.96	6.95	-	7.94	7.93	7.92	-	8.98	8.98	8.96	-	10.15	10.15	10.13	-	11.53	11.52	11.50	-																							
1000	1000	Hi PR	259	260	261	-	299	300	302	-	341	342	344	-	387	388	390	-	436	437	439	-	489	490	492	-																							
		Lo PR	127	128	131	-	134	136	139	-	141	142	146	-	147	148	151	-	152	154	157	-	159	161	164	-																							
		MBh	25.4	25.7	26.4	-	25.2	25.5	26.2	-	24.5	24.9	25.6	-	23.4	23.8	24.5	-	22.1	22.4	23.2	-	20.9	21.2	22.0	-																							
		S/T	0.72	0.65	0.51	-	0.73	0.65	0.51	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	1.00	0.63	-																							
		ΔT	16.93	15.10	11.68	-	16.88	15.05	11.63	-	17.14	15.31	11.89	-	16.87	15.03	11.62	-	16.62	14.79	11.37	-	17.77	15.94	12.52	-																							
		kW	1622	1621	1617	-	1822	1820	1817	-	2044	2043	2039	-	2285	2283	2280	-	2554	2552	2549	-	2869	2868	2864	-																							
75	600	Amps	6.18	6.17	6.15	-	7.04	7.04	7.02	-	8.01	8.00	7.99	-	9.06	9.05	9.03	-	10.23	10.22	10.20	-	11.60	11.59	11.58	-																							
		Hi PR	263	264	266	-	303	304	306	-	346	347	349	-	391	392	394	-	441	442	443	-	493	494	496	-																							
		Lo PR	131	133	136	-	139	140	143	-	145	147	150	-	151	152	156	-	156	158	161	-	163	165	168	-																							
		MBh	24.0	24.3	25.0	26.1	23.7	24.1	24.8	25.9	23.1	23.5	24.2	25.3	22.0	22.4	23.1	24.2	20.7	21.0	21.8	22.9	19.5	19.8	20.5	21.6																							
		S/T	0.65	0.58	0.44	0.3	0.66	0.58	0.44	0.3	1.00	0.61	0.47	0.3	1.00	0.63	0.49	0.3	1.00	0.65	0.51	0.4	1.00	1.00	0.56	0.4																							
		ΔT	25.22	23.38	19.97	16.4	25.17	23.33	19.92	16.4	25.42	23.59	20.17	16.6	25.15	23.32	19.90	16.4	24.90	23.07	19.65	16.1	26.05	24.22	20.80	17.3																							
75	800	kW	1581	1580	1576	1592	1781	1779	1776	1791	2003	2002	1998	2013	2244	2242	2239	2254	2513	2511	2508	2523	2828	2827	2823	2839																							
		Amps	6.00	5.99	5.98	6.0	6.86	6.86	6.84	6.9	7.83	7.82	7.81	7.9	8.88	8.87	8.86	8.9	10.05	10.04	10.03	10.1	11.42	11.41	11.40	11.5																							
		Hi PR	254	255	257	261.6	295	296	298	302.0	337	338	340	344.4	383	384	386	390.0	432	433	435	439.2	484	485	487	491.7																							
		Lo PR	123	125	128	133.2	131	132	135	140.8	137	139	142	147.4	143	145	148	153.0	149	150	153	158.5	155	157	160	165.5																							
		MBh	24.5	24.9	25.6	26.7	24.3	24.7	25.4	26.5	23.7	24.0	24.8	25.9	22.6	23.0	23.7	24.8	21.3	21.6	22.3	23.4	20.1	20.4	21.1	22.2																							
		S/T	0.81	0.73	0.59	0.4	1.00	0.74	0.60	0.5	1.00	0.76	0.62	0.5	1.00	0.78	0.64	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.72	0.6																							
75	1000	ΔT	22.72	20.89	17.47	13.9	22.67	20.84	17.42	13.9	22.92	21.09	17.67	14.1	22.65	20.82	17.40	13.9	22.40	20.57	17.15	13.6	23.55	21.72	18.30	14.8																							
		kW	1605	1603	1600	1615	1804	1802	1799	1814	2026	2025	2021	2037	2267	2266	2262	2277	2536	2535	2531	2546	2852	2850	2847	2862																							
		Amps	6.10	6.09	6.08	6.1	6.97	6.96	6.94	7.0	7.93	7.93	7.91	8.0	8.98	8.97	8.96	9.0	10.15	10.14	10.13	10.2	11.52	11.51	11.50	11.6																							
		Hi PR	259	260	262	266.2	299	300	302	306.6	342	343	345	349.0	387	388	390	394.6	436	438	439	443.8	489	490	492	496.3																							
		Lo PR	127	128	131	136.7	134	136	139	144.3	141	142	146	151.0	147	148	151	156.6	152	154	157	162.1	159	161	164	169.1																							
		MBh	25.4	25.7	26.5	27.6	25.2	25.5	26.2	27.3	24.5	24.9	25.6	26.7	23.5	23.8	24.5	25.6	22.1	22.5	23.2	24.3	20.9	21.2	22.0	23.1																							
1000	1000	S/T	0.85	0.78	0.64	0.5	1.00	0.78	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.77	0.6																							
		ΔT	20.96	19.13	15.71	12.2	20.91	19.08	15.66	12.1	21.17	19.34	15.92	12.4	20.89	19.06	15.64	12.1	20.65	18.82	15.40	11.9	21.79	19.96	16.54	13.0																							
		kW	1621	1620	1616	1631	1820	1819	1815	1831	2043	2041	2038	2053	2284	2282	2279	2294	2552	2551	2547	2563	2868	2866	2863	2878																							
		Amps	6.17	6.16	6.15	6.2	7.04	7.03	7.01	7.1	8.00	8.00	7.98	8.0	9.05	9.04	9.03	9.1	10.22	10.21	10.20	10.3	11.59	11.58	11.57	11.6																							
		Hi PR	263	264	266	270.4	304	305	306	310.9	346	347	349	353.3	392	393	394	398.9	441	442	444	448.1	493	494	496	500.6																							
		Lo PR	131	133	136	141.1	139	140	143	148.7	145	147	150	155.3	151	152	156	161.0	156	158	161	166.5	163	165	168	173.4																							

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***31 HIGH STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																									
		65°F							75°F							85°F							95°F							105°F							115°F						
IDB	AIRFLOW	59	63	67	71	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									
600	MBh	24.1	24.4	25.1	26.3	26.0	23.2	23.6	24.3	25.4	22.1	22.5	23.2	24.3	20.8	21.2	21.9	23.0	19.6	19.9	20.7	21.8	19.6	19.9	20.7	21.8	19.6	19.9	20.7	21.8	19.6	19.9	20.7	21.8									
	S/T	1.0	0.7	0.6	0.4	0.4	1.0	0.7	0.6	0.5	1.0	0.8	0.6	0.5	1.0	1.0	0.6	0.5	1.0	1.0	0.7	0.5	1.0	1.0	0.6	0.5	1.0	1.0	0.7	0.5	1.0	1.0	0.7	0.5									
	ΔT	29.3	27.4	24.0	20.5	20.4	29.5	27.6	24.2	20.7	29.2	27.4	24.0	20.4	29.0	27.1	23.7	20.2	30.1	28.3	24.9	21.3	29.0	27.1	23.7	20.2	30.1	28.3	24.9	21.3	29.0	27.1	23.7	20.2	30.1	28.3	24.9	21.3					
	kW	1,582	1,581	1,577	1,593	1,792	2,004	2,003	1,999	2,014	2,245	2,243	2,240	2,255	2,514	2,512	2,509	2,524	2,829	2,828	2,824	2,840	2,514	2,512	2,509	2,524	2,829	2,828	2,824	2,840	2,514	2,512	2,509	2,524	2,829	2,828	2,824	2,840					
	Amps	6.0	6.0	6.0	6.0	6.9	7.8	7.8	7.8	7.9	8.9	8.9	8.9	8.9	10.1	10.0	10.0	10.1	11.4	11.4	11.4	11.5	10.1	10.0	10.0	10.1	11.4	11.4	11.4	11.5	10.1	10.0	10.0	10.1	11.4	11.4	11.4	11.5					
800	Hi PR	254.6	255.8	257.6	262.0	302.5	337.5	338.6	340.4	344.9	383.1	384.2	386.0	390.5	432.3	433.4	435.2	439.7	484.8	485.9	487.7	492.2	432.3	433.4	435.2	439.7	484.8	485.9	487.7	492.2	432.3	433.4	435.2	439.7	484.8	485.9	487.7	492.2					
	Lo PR	123.7	125.2	128.4	133.7	141.3	137.9	139.5	142.6	148.0	143.5	145.1	148.3	153.6	149.1	150.6	153.8	159.1	156.0	157.5	160.7	166.0	149.1	150.6	153.8	159.1	156.0	157.5	160.7	166.0	149.1	150.6	153.8	159.1	156.0	157.5	160.7	166.0					
	MBh	24.7	25.0	25.7	26.8	26.6	23.8	24.2	24.9	26.0	22.7	23.1	23.8	24.9	21.4	21.7	22.5	23.6	20.2	20.5	21.3	22.4	21.4	21.7	22.5	23.6	20.2	20.5	21.3	22.4	21.4	21.7	22.5	23.6	20.2	20.5	21.3	22.4					
	S/T	1.0	0.9	0.7	0.6	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.7					
	ΔT	26.8	24.9	21.5	18.0	18.0	26.7	24.9	21.5	17.9	27.0	25.1	21.7	18.2	26.7	24.9	21.5	17.9	27.6	25.8	22.4	18.8	26.5	24.6	21.2	17.7	27.6	25.8	22.4	18.8	26.5	24.6	21.2	17.7	27.6	25.8	22.4	18.8					
1000	kW	1,606	1,604	1,601	1,616	1,815	2,028	2,026	2,023	2,038	2,268	2,267	2,263	2,279	2,537	2,536	2,532	2,547	2,853	2,851	2,848	2,863	2,537	2,536	2,532	2,547	2,853	2,851	2,848	2,863	2,537	2,536	2,532	2,547	2,853	2,851	2,848	2,863					
	Amps	6.1	6.1	6.1	6.1	6.9	7.9	7.9	7.9	8.0	9.0	9.0	9.0	9.0	10.2	10.1	10.1	10.2	11.5	11.5	11.5	11.6	10.2	10.1	10.1	10.2	11.5	11.5	11.5	11.6	10.2	10.1	10.1	10.2	11.5	11.5	11.5	11.6					
	Hi PR	259.2	260.4	262.2	266.6	307.1	342.1	343.2	345.0	349.5	387.7	388.8	390.6	395.1	436.9	438.0	439.8	444.3	489.4	490.5	492.3	496.8	436.9	438.0	439.8	444.3	489.4	490.5	492.3	496.8	436.9	438.0	439.8	444.3	489.4	490.5	492.3	496.8					
	Lo PR	127.3	128.8	132.0	137.3	144.9	141.5	143.1	146.2	151.5	147.1	148.7	151.9	157.2	152.7	154.2	157.4	162.7	159.6	161.1	164.3	169.6	152.7	154.2	157.4	162.7	159.6	161.1	164.3	169.6	152.7	154.2	157.4	162.7	159.6	161.1	164.3	169.6					
	MBh	25.5	25.9	26.6	27.7	27.5	24.7	25.0	25.7	26.8	23.6	23.9	24.6	25.7	22.2	22.6	23.3	24.4	21.0	21.4	22.1	23.2	22.2	22.6	23.3	24.4	21.0	21.4	22.1	23.2	22.2	22.6	23.3	24.4	21.0	21.4	22.1	23.2					
	S/T	1.0	0.9	0.8	0.6	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.7	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.7	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.7	0.7					
	ΔT	25.0	23.2	19.8	16.2	16.2	25.2	23.4	20.0	16.4	24.9	23.1	19.7	16.2	24.7	22.9	19.4	15.9	25.8	24.0	20.6	17.1	24.7	22.9	19.4	15.9	25.8	24.0	20.6	17.1	24.7	22.9	19.4	15.9	25.8	24.0	20.6	17.1					
	kW	1,622	1,621	1,617	1,632	1,832	2,044	2,042	2,039	2,054	2,285	2,283	2,280	2,295	2,554	2,552	2,549	2,564	2,869	2,867	2,864	2,879	2,554	2,552	2,549	2,564	2,869	2,867	2,864	2,879	2,554	2,552	2,549	2,564	2,869	2,867	2,864	2,879					
	Amps	6.2	6.2	6.2	6.2	7.1	8.0	8.0	8.0	8.1	9.1	9.0	9.0	9.1	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.6	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.6	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.6					
	Hi PR	263.5	264.6	266.4	270.9	311.4	346.4	347.5	349.3	353.7	392.0	393.1	394.9	399.4	441.2	442.3	444.1	448.6	493.7	494.8	496.6	501.1	441.2	442.3	444.1	448.6	493.7	494.8	496.6	501.1	441.2	442.3	444.1	448.6	493.7	494.8	496.6	501.1					
	Lo PR	131.6	133.2	136.3	141.6	149.2	145.9	147.4	150.6	155.9	151.5	153.0	156.2	161.5	157.0	158.5	161.7	167.0	163.9	165.5	168.6	174.0	157.0	158.5	161.7	167.0	163.9	165.5	168.6	174.0	157.0	158.5	161.7	167.0	163.9	165.5	168.6	174.0					

600	MBh	24.5	24.8	25.6	26.7	24.3	24.6	25.3	26.4	23.6	24.0	24.7	25.8	22.6	22.9	23.6	24.7	21.2	21.6	22.3	23.4	20.0	20.4	21.1	22.2	21.7
		S/T	1.0	0.8	0.7	0.5	1.0	0.8	0.7	0.5	1.0	1.0	1.0	0.7	0.6	1.0	1.0	0.7	0.6	1.0	1.0	0.7	0.6	1.0	1.0	0.6
		ΔT	32.9	31.0	27.6	24.1	32.8	31.0	27.6	24.0	33.1	31.2	27.8	24.3	32.8	31.0	27.5	24.0	32.5	30.7	27.3	23.8	33.7	31.9	28.4	24.9
		kW	1,586	1,585	1,581	1,596	1,785	1,784	1,781	1,796	2,008	2,006	2,003	2,018	2,249	2,247	2,244	2,259	2,518	2,516	2,513	2,528	2,833	2,832	2,828	2,843
		Amps	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.9	7.8	7.8	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.0	10.1	11.4	11.4	11.4	11.5
	Hi PR	255.9	257.0	258.8	263.2	296.3	297.4	299.2	303.7	338.7	339.8	341.6	346.1	384.3	385.4	387.2	391.7	433.5	434.6	436.4	440.9	486.0	487.2	489.0	493.4	
	Lo PR	125.5	127.1	130.3	135.6	133.1	134.7	137.9	143.2	139.8	141.3	144.5	149.8	145.4	147.0	150.1	155.5	150.9	152.5	155.7	161.0	157.8	159.4	162.6	167.9	
	800	MBh	25.1	25.4	26.1	27.2	24.9	25.2	25.9	27.0	24.2	24.6	25.3	26.4	23.1	23.5	24.2	25.3	21.8	22.2	22.9	24.0	20.6	20.9	21.7	22.8
		S/T	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8
		ΔT	30.4	28.5	25.1	21.6	30.3	28.5	25.1	21.5	30.6	28.7	25.3	21.8	30.3	28.5	25.0	21.5	30.1	28.2	24.8	21.3	31.2	29.4	25.9	22.4
kW		1,610	1,608	1,605	1,620	1,809	1,807	1,804	1,819	2,031	2,030	2,026	2,042	2,272	2,270	2,267	2,282	2,541	2,539	2,536	2,551	2,857	2,855	2,852	2,867	
Amps		6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.0	8.0	7.9	7.9	8.0	9.0	9.0	9.0	9.0	10.2	10.2	10.1	10.2	11.5	11.5	11.5	11.6	
1000	Hi PR	260.5	261.6	263.4	267.8	300.9	302.0	303.8	308.3	343.3	344.4	346.2	350.7	388.9	390.0	391.8	396.3	438.1	439.2	441.0	445.5	490.6	491.8	493.6	498.0	
	Lo PR	129.1	130.7	133.9	139.2	136.7	138.3	141.4	146.8	143.4	144.9	148.1	153.4	149.0	150.5	153.7	159.0	154.5	156.1	159.2	164.6	161.4	163.0	166.2	171.5	
	MBh	25.9	26.3	27.0	28.1	25.7	26.0	26.8	27.9	25.1	25.4	26.1	27.2	24.0	24.3	25.0	26.2	22.7	23.0	23.7	24.8	21.4	21.8	22.5	23.6	
	S/T	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.8	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.9	
	ΔT	28.6	26.8	23.4	19.8	28.6	26.7	23.3	19.8	28.8	27.0	23.6	20.0	28.5	26.7	23.3	19.7	28.3	26.5	23.0	19.5	29.4	27.6	24.2	20.6	
1000	kW	1,626	1,624	1,621	1,636	1,825	1,824	1,820	1,835	2,048	2,046	2,043	2,058	2,288	2,287	2,283	2,299	2,557	2,556	2,552	2,568	2,873	2,871	2,868	2,883	
	Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.0	7.1	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.1	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.7	
	Hi PR	264.7	265.8	267.6	272.1	305.2	306.3	308.1	312.6	347.6	348.7	350.5	355.0	393.2	394.3	396.1	400.6	442.4	443.5	445.3	449.8	494.9	496.0	497.8	502.3	
	Lo PR	133.5	135.0	138.2	143.5	141.1	142.6	145.8	151.1	147.7	149.3	152.4	157.8	153.4	154.9	158.1	163.4	158.9	160.4	163.6	168.9	165.8	167.3	170.5	175.8	

EXPANDED COOLING DATA — DP5GM30***31 LOW STAGE

		OUTDOOR AMBIENT TEMPERATURE																																						
		65°F						75°F						85°F						95°F						105°F						115°F								
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71							
		ENTERING INDOOR WET BULB TEMPERATURE																																						
70	MBh	21.5	21.8	22.4	-	21.3	21.6	22.2	-	20.7	21.0	21.7	-	19.7	20.1	20.7	-	18.6	18.9	19.5	-	17.5	17.8	18.4	-	15.6	15.9	16.5	-	14.6	14.9	15.5	-	12.7	13.0	13.6	-			
	S/T	0.63	0.55	0.41	-	0.64	0.56	0.41	-	0.67	0.58	0.44	-	1.00	0.61	0.46	-	1.00	0.63	0.48	-	1.00	0.68	0.54	-	1.00	0.63	0.48	-	1.00	0.68	0.54	-	1.00	0.68	0.54	-			
	ΔT	20.61	18.72	15.19	-	20.56	18.67	15.14	-	20.82	18.93	15.41	-	20.54	18.65	15.12	-	20.28	18.39	14.87	-	21.47	19.58	16.05	-	20.28	18.39	14.87	-	21.47	19.58	16.05	-	21.47	19.58	16.05	-			
	kW	12.45	12.43	12.41	-	13.98	13.96	13.94	-	15.68	15.67	15.65	-	17.53	17.52	17.49	-	19.60	19.58	19.56	-	22.02	22.01	21.98	-	19.60	19.58	19.56	-	22.02	22.01	21.98	-	22.02	22.01	21.98	-			
	Amps	4.66	4.66	4.65	-	5.33	5.32	5.31	-	6.07	6.06	6.05	-	6.87	6.87	6.86	-	7.77	7.77	7.75	-	8.82	8.82	8.81	-	7.77	7.77	7.75	-	8.82	8.82	8.81	-	8.82	8.82	8.81	-			
	Hi PR	248	249	251	-	287	288	290	-	328	329	331	-	372	373	375	-	420	421	423	-	471	472	473	-	420	421	423	-	471	472	473	-	471	472	473	-			
70	Lo PR	125	126	130	-	132	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-	150	152	155	-	157	159	162	-	157	159	162	-			
	MBh	21.8	22.1	22.7	-	21.6	21.9	22.5	-	21.0	21.3	22.0	-	20.1	20.4	21.0	-	18.9	19.2	19.8	-	17.8	18.1	18.8	-	18.9	19.2	19.8	-	17.8	18.1	18.8	-	18.9	19.2	19.8	-			
	S/T	0.71	0.63	0.48	-	0.71	0.63	0.49	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.76	0.62	-	1.00	0.70	0.56	-	1.00	0.76	0.62	-	1.00	0.76	0.62	-			
	ΔT	19.28	17.39	13.87	-	19.23	17.34	13.82	-	19.50	17.61	14.08	-	19.21	17.32	13.80	-	18.96	17.07	13.54	-	20.14	18.25	14.73	-	18.96	17.07	13.54	-	20.14	18.25	14.73	-	20.14	18.25	14.73	-			
	kW	12.54	12.53	12.50	-	14.07	14.06	14.03	-	15.78	15.76	15.74	-	17.62	17.61	17.59	-	19.69	19.68	19.65	-	22.11	22.10	22.07	-	19.69	19.68	19.65	-	22.11	22.10	22.07	-	22.11	22.10	22.07	-			
	Amps	4.70	4.70	4.69	-	5.37	5.36	5.35	-	6.11	6.10	6.09	-	6.91	6.91	6.90	-	7.81	7.81	7.79	-	8.86	8.86	8.85	-	7.81	7.81	7.79	-	8.86	8.86	8.85	-	8.86	8.86	8.85	-			
800	Hi PR	250	251	253	-	289	291	292	-	330	332	333	-	375	376	377	-	422	423	425	-	473	474	476	-	422	423	425	-	473	474	476	-	473	474	476	-			
	Lo PR	127	129	132	-	135	136	139	-	141	143	146	-	147	148	152	-	152	154	157	-	159	161	164	-	152	154	157	-	159	161	164	-	159	161	164	-			
	MBh	22.2	22.5	23.1	-	22.0	22.3	22.9	-	21.4	21.7	22.4	-	20.5	20.8	21.4	-	19.3	19.6	20.2	-	18.2	18.5	19.1	-	19.3	19.6	20.2	-	18.2	18.5	19.1	-	18.2	18.5	19.1	-			
	S/T	0.75	0.67	0.52	-	0.75	0.67	0.53	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.74	0.60	-	1.00	0.80	0.65	-	1.00	0.74	0.60	-	1.00	0.80	0.65	-	1.00	0.80	0.65	-			
	ΔT	18.19	16.31	12.78	-	18.14	16.25	12.73	-	18.41	16.52	12.99	-	18.12	16.23	12.71	-	17.87	15.98	12.46	-	19.05	17.17	13.64	-	17.87	15.98	12.46	-	19.05	17.17	13.64	-	19.05	17.17	13.64	-			
	kW	12.61	12.60	12.58	-	14.14	14.13	14.11	-	15.85	15.84	15.81	-	17.70	17.69	17.66	-	19.76	19.75	19.73	-	22.19	22.17	22.15	-	19.76	19.75	19.73	-	22.19	22.17	22.15	-	22.19	22.17	22.15	-			
600	Amps	4.73	4.73	4.72	-	5.40	5.39	5.38	-	6.14	6.14	6.13	-	6.95	6.94	6.93	-	7.84	7.84	7.83	-	8.90	8.89	8.88	-	7.84	7.84	7.83	-	8.90	8.89	8.88	-	8.90	8.89	8.88	-			
	Hi PR	253	254	255	-	292	293	295	-	333	334	336	-	377	378	380	-	425	426	427	-	475	476	478	-	425	426	427	-	475	476	478	-	475	476	478	-			
	Lo PR	129	131	134	-	137	138	142	-	144	145	148	-	149	151	154	-	155	156	159	-	162	163	166	-	155	156	159	-	162	163	166	-	162	163	166	-			
	MBh	21.5	21.8	22.4	23.4	-	21.3	21.6	22.2	23.2	-	20.7	21.0	21.7	22.7	-	19.8	20.1	20.7	21.7	-	18.6	18.9	19.5	20.5	-	18.6	18.9	19.5	20.5	-	17.5	17.8	18.4	19.4	-	17.5	17.8	18.4	19.4
	S/T	0.77	0.69	0.54	0.4	-	0.78	0.70	0.55	0.4	-	1.00	0.72	0.58	0.4	-	1.00	0.74	0.60	0.4	-	1.00	0.77	0.62	0.5	-	1.00	0.77	0.62	0.5	-	1.00	1.00	0.68	0.5	-	1.00	1.00	0.68	0.5
	ΔT	24.76	22.87	19.34	15.7	-	24.71	22.82	19.29	15.6	-	24.97	23.08	19.56	15.9	-	24.69	22.80	19.27	15.6	-	24.44	22.55	19.02	15.4	-	24.44	22.55	19.02	15.4	-	25.62	23.73	20.20	16.6	-	25.62	23.73	20.20	16.6
75	kW	12.44	12.42	12.40	12.52	-	13.97	13.95	13.93	14.05	-	15.67	15.66	15.64	15.75	-	17.52	17.51	17.48	17.60	-	19.59	19.57	19.55	19.67	-	19.59	19.57	19.55	19.67	-	22.01	22.00	21.97	22.09	-	22.01	22.00	21.97	22.09
	Amps	4.66	4.65	4.64	4.7	-	5.32	5.32	5.31	5.4	-	6.07	6.06	6.05	6.1	-	6.87	6.86	6.85	6.9	-	7.77	7.76	7.75	7.8	-	7.77	7.76	7.75	7.8	-	8.82	8.81	8.80	8.9	-	8.82	8.81	8.80	8.9
	Hi PR	248	249	251	255.2	-	287	288	290	294.4	-	328	329	331	335.4	-	372	373	375	379.6	-	420	421	423	427.2	-	420	421	423	427.2	-	471	472	474	478.0	-	471	472	474	478.0
	Lo PR	125	126	130	135.0	-	133	134	137	142.6	-	139	141	144	149.2	-	145	146	150	154.9	-	150	152	155	160.4	-	150	152	155	160.4	-	157	159	162	167.3	-	157	159	162	167.3
	MBh	21.8	22.1	22.7	23.7	-	21.6	21.9	22.6	23.5	-	21.0	21.4	22.0	23.0	-	20.1	20.4	21.0	22.0	-	18.9	19.2	19.8	20.8	-	18.9	19.2	19.8	20.8	-	17.8	18.1	18.8	19.7	-	17.8	18.1	18.8	19.7
700	S/T	0.85	0.76	0.62	0.5	-	1.00	0.77	0.63	0.5	-	1.00	0.80	0.65	0.5	-	1.00	0.82	0.67	0.5	-	1.00	0.84	0.70	0.5	-	1.00	0.84	0.70	0.5	-	1.00	1.00	0.75	0.6	-	1.00	1.00	0.75	0.6
	ΔT	23.44	21.55	18.02	14.4	-	23.38	21.49	17.97	14.3	-	23.65	21.76	18.23	14.6	-	23.36	21.48	17.95	14.3	-	23.11	21.22	17.70	14.0	-	23.11	21.22	17.70	14.0	-	24.29	22.41	18.88	15.2	-	24.29	22.41	18.88	15.2
	kW	12.53	12.52	12.49	12.61	-	14.06	14.05	14.02	14.14	-	15.77	15.75	15.73	15.84	-	17.61	17.58	17.58	17.69	-	19.68	19.67	19.64	19.76	-	19.68	19.67	19.64	19.76	-	22.10	22.09	22.06	22.18	-	22.10	22.09	22.06	22.18
	Amps	4.70	4.69	4.68	4.7	-	5.36	5.36	5.35	5.4	-	6.11	6.10	6.09	6.1	-	6.91	6.89	6.89	6.9	-	7.81	7.80	7.79	7.8	-	7.81	7.80	7.79	7.8	-	8.86	8.85	8.84	8.9	-	8.86	8.85	8.84	8.9
	Hi PR	250	252	253	257.6	-	290	291	292	296.8	-	331	332	333																										

EXPANDED COOLING DATA — DP5GM30***31 LOW STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
600	MBh	21.6	21.9	22.5	23.5	21.4	21.7	22.3	23.3	20.8	21.1	21.8	22.8	19.9	20.2	20.8	21.8	18.7	19.0	19.6	20.6	17.6	17.9	18.6	19.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	S/T	1.00	0.82	0.68	0.5	1.00	0.83	0.68	0.5	1.00	0.86	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	ΔT	28.94	27.05	23.53	19.9	28.89	27.00	23.47	19.8	29.15	27.27	23.74	20.1	28.87	26.98	23.45	19.8	28.62	26.73	23.20	19.5	29.80	27.91	24.38	20.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	kW	12.44	12.43	12.41	12.52	13.97	13.96	13.94	14.05	15.68	15.67	15.64	15.76	17.53	17.52	17.49	17.61	19.59	19.58	19.56	19.67	22.02	22.00	21.98	22.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Amps	4.66	4.66	4.64	4.7	5.33	5.32	5.31	5.4	6.07	6.06	6.05	6.1	6.87	6.87	6.86	6.9	7.77	7.76	7.75	7.8	8.82	8.82	8.81	8.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Hi PR	249	250	251	255.7	288	289	291	294.8	329	330	332	335.9	373	374	376	380.0	421	422	423	427.7	471	472	474	478.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
700	Lo PR	125	127	130	135.5	133	135	138	143.1	140	141	144	149.8	145	147	150	155.4	151	152	156	161.0	158	159	163	167.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

EXPANDED COOLING DATA — DP5GM30***31 HIGH STAGE

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	800	MBh	29.8	30.2	31.1	-	29.6	30.0	30.9	-	28.8	29.2	30.1	-	27.4	27.8	28.7	-	25.8	26.2	27.1	-	24.3	24.7	25.6	-	24.3	24.7	25.6	-							
		S/T	0.61	0.53	0.39	-	0.61	0.53	0.39	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.52	-	1.00	0.66	0.52	-							
		ΔT	21.52	19.56	15.91	-	21.47	19.51	15.85	-	21.74	19.78	16.13	-	21.45	19.49	15.83	-	21.18	19.23	15.57	-	22.41	20.45	16.80	-	22.41	20.45	16.80	-							
		kW	1977	1975	1971	-	2220	2218	2214	-	2492	2490	2486	-	2785	2784	2779	-	3114	3112	3108	-	3499	3497	3493	-	3499	3497	3493	-							
		Amps	7.40	7.40	7.38	-	8.46	8.45	8.44	-	9.64	9.63	9.62	-	10.92	10.91	10.89	-	12.35	12.34	12.32	-	14.02	14.01	13.99	-	14.02	14.01	13.99	-							
		Hi PR	259	260	262	-	300	301	303	-	343	344	346	-	389	390	392	-	439	440	442	-	492	493	495	-	492	493	495	-							
70	950	Lo PR	121	123	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	153	154	157	-							
		MBh	30.3	30.7	31.6	-	30.0	30.5	31.4	-	29.3	29.7	30.6	-	27.9	28.3	29.2	-	26.3	26.7	27.6	-	24.8	25.2	26.1	-	24.8	25.2	26.1	-							
		S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.72	0.64	0.50	-	0.74	0.66	0.52	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.74	0.60	-							
		ΔT	19.98	18.02	14.37	-	19.93	17.97	14.32	-	20.20	18.25	14.59	-	19.91	17.95	14.30	-	19.65	17.69	14.03	-	20.87	18.91	15.26	-	20.87	18.91	15.26	-							
		kW	1993	1991	1987	-	2237	2235	2231	-	2508	2506	2502	-	2802	2800	2796	-	3130	3128	3124	-	3515	3513	3509	-	3515	3513	3509	-							
		Amps	7.48	7.47	7.45	-	8.53	8.52	8.51	-	9.71	9.71	9.69	-	10.99	10.98	10.96	-	12.42	12.41	12.39	-	14.09	14.08	14.07	-	14.09	14.08	14.07	-							
1100	950	Hi PR	262	263	265	-	303	304	306	-	346	347	349	-	392	393	395	-	442	443	445	-	495	496	498	-	495	496	498	-							
		Lo PR	123	125	128	-	131	132	136	-	137	139	142	-	143	144	147	-	148	150	153	-	155	156	160	-	155	156	160	-							
		MBh	30.9	31.3	32.2	-	30.6	31.1	32.0	-	29.9	30.3	31.2	-	28.5	28.9	29.8	-	26.9	27.3	28.2	-	25.4	25.8	26.7	-	25.4	25.8	26.7	-							
		S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.59	-	1.00	0.78	0.64	-	1.00	0.78	0.64	-							
		ΔT	18.75	16.79	13.13	-	18.69	16.73	13.08	-	18.97	17.01	13.36	-	18.67	16.71	13.06	-	18.41	16.45	12.80	-	19.64	17.68	14.02	-	19.64	17.68	14.02	-							
		kW	2007	2005	2000	-	2250	2248	2244	-	2521	2519	2515	-	2815	2813	2809	-	3143	3141	3137	-	3528	3526	3522	-	3528	3526	3522	-							
75	800	Amps	7.53	7.52	7.51	-	8.59	8.58	8.56	-	9.77	9.76	9.74	-	11.05	11.04	11.02	-	12.48	12.47	12.45	-	14.15	14.14	14.12	-	14.15	14.14	14.12	-							
		Hi PR	264	266	267	-	305	307	308	-	348	349	351	-	395	396	398	-	444	446	447	-	498	499	501	-	498	499	501	-							
		Lo PR	126	128	131	-	133	135	138	-	140	141	145	-	145	147	150	-	151	152	155	-	158	159	162	-	158	159	162	-							
		MBh	29.8	30.3	31.2	32.5	29.6	30.0	30.9	32.2	28.8	29.2	30.1	31.5	27.4	27.9	28.8	30.1	25.8	26.2	27.1	28.5	24.3	24.7	25.6	27.0	24.3	24.7	25.6	27.0							
		S/T	0.74	0.66	0.52	0.4	0.75	0.67	0.53	0.4	1.00	0.69	0.55	0.4	1.00	0.71	0.57	0.4	1.00	0.74	0.60	0.4	1.00	0.79	0.65	0.5	1.00	0.79	0.65	0.5							
		ΔT	25.82	23.87	20.21	16.4	25.77	23.81	20.16	16.4	26.04	24.09	20.43	16.6	25.75	23.79	20.14	16.4	25.49	23.53	19.88	16.1	26.71	24.76	21.10	17.3	26.71	24.76	21.10	17.3							
75	950	kW	1975	1974	1969	1988	2219	2217	2213	2231	2490	2488	2484	2503	2784	2782	2778	2796	3112	3110	3106	3125	3497	3495	3491	3510	3497	3495	3491	3510							
		Amps	7.40	7.39	7.37	7.5	8.45	8.45	8.43	8.5	9.64	9.63	9.61	9.7	10.91	10.90	10.89	11.0	12.34	12.33	12.31	12.4	14.01	14.01	13.99	14.1	14.01	14.01	13.99	14.1							
		Hi PR	259	260	262	266.7	300	301	303	307.6	343	344	346	350.5	389	390	392	396.8	439	440	442	446.6	492	493	495	499.7	492	493	495	499.7							
		Lo PR	121	123	126	131.1	129	130	133	138.5	135	137	140	145.0	141	142	145	150.4	146	148	151	155.8	153	154	157	162.6	153	154	157	162.6							
		MBh	30.3	30.7	31.6	33.0	30.1	30.5	31.4	32.7	29.3	29.7	30.6	32.0	27.9	28.4	29.2	30.6	26.3	26.7	27.6	29.0	24.8	25.2	26.1	27.5	24.8	25.2	26.1	27.5							
		S/T	0.82	0.74	0.60	0.5	0.83	0.75	0.61	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.73	0.6	1.00	1.00	0.73	0.6							
75	1100	ΔT	24.29	22.33	18.67	14.9	24.23	22.27	18.62	14.8	24.51	22.55	18.89	15.1	24.21	22.25	18.60	14.8	23.95	21.99	18.34	14.6	25.18	23.22	19.56	15.8	25.18	23.22	19.56	15.8							
		kW	1992	1990	1986	2004	2235	2233	2229	2248	2507	2505	2500	2519	2800	2798	2794	2813	3129	3127	3123	3141	3514	3512	3508	3526	3514	3512	3508	3526							
		Amps	7.47	7.46	7.44	7.5	8.53	8.52	8.50	8.6	9.71	9.70	9.68	9.8	10.98	10.98	10.96	11.0	12.41	12.40	12.38	12.5	14.09	14.08	14.06	14.1	14.09	14.08	14.06	14.1							
		Hi PR	262	263	265	269.5	303	304	306	310.5	346	347	349	353.4	392	393	395	399.6	442	443	445	449.4	495	496	498	502.6	495	496	498	502.6							
		Lo PR	124	125	128	133.3	131	132	136	140.7	137	139	142	147.2	143	144	148	152.7	148	150	153	158.1	155	157	160	164.8	155	157	160	164.8							
		MBh	30.9	31.4	32.2	33.6	30.7	31.1	32.0	33.3	29.9	30.3	31.2	32.6	28.5	29.0	29.9	31.2	26.9	27.3	28.2	29.6	25.4	25.8	26.7	28.1	25.4	25.8	26.7	28.1							
75	1100	S/T	0.86	0.78	0.64	0.5	1.00	0.79	0.65	0.5	1.00	0.82	0.68	0.5	1.00	0.84	0.70	0.5	1.00	0.86	0.72	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.77	0.6							
		ΔT	23.05	21.09	17.44	13.7	23.00	21.04	17.38	13.6	23.27	21.31	17.66	13.9	22.98	21.02	17.36	13.6	22.71	20.76	17.10	13.3	23.94	21.98	18.33	14.5	23.94	21.98	18.33	14.5							
		kW	2005	2003	1999	2017	2248	2246	2242	2261	2520	2518	2514	2532	2813	2812	2807	2826	3142	3140	3136	3154	3527	3525	3521	3539	3527	3525	3521	3539							
		Amps	7.53	7.52	7.50	7.6	8.58	8.58	8.56	8.6	9.76	9.76	9.74	9.8	11.04	11.03	11.01	11.1	12.47	12.46	12.44	12.5	14.14	14.13	14.12	14.2	14.14	14.13	14.12	14.2							
		Hi PR	265	266	268	272.2	306	307	309	313.2	349	350	352	356.1	395	396	398	402.3	445	446	448	452.1	498	499	501	505.3	498	499	501	505.3							
		Lo PR	126	128	131	135.9	133	135	138	143.3	140	141	145	149.7	145	147	150	155.2	151	152	155	160.6	158	159	162	167.4	158	159	162	167.4							

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

EXPANDED COOLING DATA — DP5GM30***31 HIGH STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																		105°F						115°F																							
		65°F						75°F						85°F						95°F						105°F						115°F																	
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	ENTERING INDOOR WET BULB TEMPERATURE												59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127
800	MBh	30.0	30.4	31.3	32.7	34.1	35.5	36.9	38.3	39.7	41.1	42.5	43.9	45.3	46.7	48.1	49.5	50.9	52.3	27.6	28.0	28.9	30.3	31.6	32.9	34.2	35.5	36.8	38.1	39.4	40.7	42.0	43.3	44.6	45.9	47.2	48.5	49.8	51.1	52.4	53.7	55.0	56.3	57.6					
	S/T	0.87	0.79	0.65	0.5	0.35	0.2	0.05	-0.1	-0.25	-0.4	-0.55	-0.7	-0.85	-1.0	-1.15	-1.3	-1.45	-1.6	1.00	0.82	0.68	0.5	0.35	0.2	0.05	-0.1	-0.25	-0.4	-0.55	-0.7	-0.85	-1.0	-1.15	-1.3	-1.45	-1.6	-1.75	-1.9	-2.05	-2.2								
	ΔT	30.16	28.20	24.54	20.8	17.1	13.4	9.7	6.0	2.3	-1.4	-3.1	-4.8	-6.5	-8.2	-9.9	-11.6	-13.3	-15.0	30.08	28.13	24.47	20.7	17.0	13.3	9.6	6.0	2.3	-1.4	-3.1	-4.8	-6.5	-8.2	-9.9	-11.6	-13.3	-15.0	-16.7	-18.4	-20.1	-21.8								
	kW	1977	1975	1971	1989	2006	2023	2040	2057	2074	2091	2108	2125	2142	2159	2176	2193	2210	2227	2785	2783	2779	2798	2804	2814	2824	2834	2844	2854	2864	2874	2884	2894	2904	2914	2924	2934	2944	2954	2964	2974								
	Amps	740	739	738	75	846	845	843	85	964	963	961	97	1092	1091	1089	110	124	140	1092	1091	1089	110	124	140	158	176	194	212	230	248	266	284	302	320	338	356	374	392	410									
	Hi PR	260	261	263	267.2	270.0	272.8	275.6	278.4	281.2	284.0	286.8	289.6	292.4	295.2	298.0	300.8	303.6	306.4	309.2	390	391	393	397.2	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415									
950	Lo PR	122	123	126	131.6	133.2	134.8	136.4	138.0	139.6	141.2	142.8	144.4	146.0	147.6	149.2	150.8	152.4	154.0	141	143	146	151.0	153.0	155.0	157.0	159.0	161.0	163.0	165.0	167.0	169.0	171.0	173.0	175.0	177.0	179.0	181.0	183.0	185.0									
	MBh	30.5	30.9	31.8	33.2	34.6	36.0	37.4	38.8	40.2	41.6	43.0	44.4	45.8	47.2	48.6	50.0	51.4	52.8	28.1	28.5	29.4	30.8	32.1	33.4	34.7	36.0	37.3	38.6	39.9	41.2	42.5	43.8	45.1	46.4	47.7	49.0	50.3	51.6	52.9	54.2								
	S/T	1.00	0.87	0.73	0.6	0.45	0.3	0.15	0.0	-0.15	-0.3	-0.45	-0.6	-0.75	-0.9	-1.05	-1.2	-1.35	-1.5	1.00	0.91	0.77	0.6	0.45	0.3	0.15	0.0	-0.15	-0.3	-0.45	-0.6	-0.75	-0.9	-1.05	-1.2	-1.35	-1.5	-1.65	-1.8										
	ΔT	28.62	26.66	23.01	19.2	15.4	11.6	7.8	4.0	0.2	-3.6	-7.4	-11.2	-15.0	-18.8	-22.6	-26.4	-30.2	-34.0	28.54	26.59	22.93	19.1	15.4	11.6	7.8	4.0	0.2	-3.6	-7.4	-11.2	-15.0	-18.8	-22.6	-26.4	-30.2	-34.0	-37.8	-41.6	-45.4									
	kW	1993	1991	1987	2006	2023	2040	2057	2074	2091	2108	2125	2142	2159	2176	2193	2210	2227	2244	2802	2800	2796	2814	2824	2834	2844	2854	2864	2874	2884	2894	2904	2914	2924	2934	2944	2954	2964	2974	2984									
	Amps	747	747	745	75	853	852	851	86	971	970	969	98	1099	1098	1096	111	125	141	1099	1098	1096	111	125	141	159	177	195	213	231	249	267	285	303	321	339	357	375	393										
1100	Hi PR	262	264	265	270.0	272.8	275.6	278.4	281.2	284.0	286.8	289.6	292.4	295.2	298.0	300.8	303.6	306.4	309.2	393	394	396	400.1	402.1	404.1	406.1	408.1	410.1	412.1	414.1	416.1	418.1	420.1	422.1	424.1	426.1	428.1	430.1	432.1	434.1									
	Lo PR	124	126	129	133.9	136.1	138.3	140.5	142.7	144.9	147.1	149.3	151.5	153.7	155.9	158.1	160.3	162.5	164.7	143	145	148	153.2	155.2	157.2	159.2	161.2	163.2	165.2	167.2	169.2	171.2	173.2	175.2	177.2	179.2	181.2	183.2	185.2										
	MBh	31.1	31.5	32.4	33.8	35.2	36.6	38.0	39.4	40.8	42.2	43.6	45.0	46.4	47.8	49.2	50.6	52.0	53.4	28.7	29.1	30.0	31.4	32.7	34.0	35.3	36.6	37.9	39.2	40.5	41.8	43.1	44.4	45.7	47.0	48.3	49.6	50.9	52.2	53.5	54.8								
	S/T	1.00	0.91	0.77	0.6	0.45	0.3	0.15	0.0	-0.15	-0.3	-0.45	-0.6	-0.75	-0.9	-1.05	-1.2	-1.35	-1.5	1.00	0.93	0.79	0.6	0.45	0.3	0.15	0.0	-0.15	-0.3	-0.45	-0.6	-0.75	-0.9	-1.05	-1.2	-1.35	-1.5	-1.65	-1.8										
	ΔT	27.38	25.42	21.77	18.0	14.2	10.4	6.6	2.8	-1.0	-4.8	-8.6	-12.4	-16.2	-20.0	-23.8	-27.6	-31.4	-35.2	27.31	25.35	21.70	17.9	14.2	10.4	6.6	2.8	-1.0	-4.8	-8.6	-12.4	-16.2	-20.0	-23.8	-27.6	-31.4	-35.2	-39.0	-42.8	-46.6									
	kW	2006	2004	2000	2019	2036	2053	2070	2087	2104	2121	2138	2155	2172	2189	2206	2223	2240	2257	2815	2813	2809	2827	2834	2841	2848	2855	2862	2869	2876	2883	2890	2897	2904	2911	2918	2925	2932	2939	2946									
85	Amps	753	752	751	76	859	858	856	86	977	976	974	98	1105	1104	1102	111	126	142	1105	1104	1102	111	126	142	160	178	196	214	232	250	268	286	304	322	340	358	376	394										
	Hi PR	265	266	268	272.7	275.5	278.3	281.1	283.9	286.7	289.5	292.3	295.1	297.9	300.7	303.5	306.3	309.1	311.9	395	396	398	402.8	404.8	406.8	408.8	410.8	412.8	414.8	416.8	418.8	420.8	422.8	424.8	426.8	428.8	430.8	432.8	434.8	436.8									
	Lo PR	127	128	131	136.4	138.6	140.8	143.0	145.2	147.4	149.6	151.8	154.0	156.2	158.4	160.6	162.8	165.0	167.2	146	147	151	155.8	157.8	159.8	161.8	163.8	165.8	167.8	169.8	171.8	173.8	175.8	177.8	179.8	181.8	183.8	185.8	187.8										
	MBh	30.5	30.9	31.8	33.2	34.6	36.0	37.4	38.8	40.2	41.6	43.0	44.4	45.8	47.2	48.6	50.0	51.4	52.8	28.8	29.2	30.1	31.5	32.8	34.1	35.4	36.7	38.0	39.3	40.6	41.9	43.2	44.5	45.8	47.1	48.4	49.7	51.0	52.3	53.6	54.9								
	S/T	1.00	0.90	0.75	0.6	0.45	0.3	0.15	0.0	-0.15	-0.3	-0.45	-0.6	-0.75	-0.9	-1.05	-1.2	-1.35	-1.5	1.00	0.91	0.77	0.6	0.45	0.3	0.15	0.0	-0.15	-0.3	-0.45	-0.6	-0.75	-0.9	-1.05	-1.2	-1.35	-1.5	-1.65	-1.8										
	ΔT	34.00	32.04	28.39	24.6	20.8	17.0	13.2	9.4	5.6	1.8	-2.0	-5.8	-9.6	-13.4	-17.2	-21.0	-24.8	-28.6	33.93	31.97	28.31	24.5	20.7	16.9	13.1	9.3	5.5	1.7	-2.1	-5.9	-9.7	-13.5	-17.3	-21.1	-24.9	-28.7	-32.5	-36.3										

800	MBh	30.5	30.9	31.8	33.2	30.2	30.6	31.5	32.9	29.4	29.9	30.8	32.1	28.1	28.5	29.4	30.8	26.5	26.9	27.8	29.1	25.0	25.4	26.3	27.6
	S/T	1.00	0.90	0.75	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
	ΔT	34.00	32.04	28.39	24.6	33.95	31.99	28.33	24.5	34.22	32.26	28.61	24.8	33.93	31.97	28.31	24.5	33.66	31.71	28.05	24.3	34.89	32.93	29.28	25.5
	kW	1981	1979	1975	1994	2225	2223	2218	2237	2496	2494	2490	2509	2790	2788	2784	2802	3118	3116	3112	3131	3503	3501	3497	3516
	Amps	742	741	740	7.5	8.48	8.47	8.45	8.5	9.66	9.65	9.63	9.7	10.94	10.93	10.91	11.0	12.37	12.36	12.34	12.42	14.04	14.03	14.01	14.1
	Hi PR	261	262	264	268.4	302	303	305	309.3	345	346	348	352.2	391	392	394	398.5	441	442	444	448.3	494	495	497	501.4
85	Lo PR	124	125	128	133.4	131	133	136	140.8	138	139	142	147.3	143	145	148	152.8	148	150	153	158.2	155	157	160	164.9
	MBh	31.0	31.4	32.3	33.7	30.7	31.1	32.0	33.4	29.9	30.4	31.2	32.6	28.6	29.0	29.9	31.3	26.9	27.4	28.3	29.6	25.4	25.9	26.8	28.1
	S/T	1.00	0.98	0.84	0.7	1.00	0.99	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8
	ΔT	32.46	30.50	26.85	23.1	32.41	30.45	26.80	23.0	32.68	30.72	27.07	23.3	32.39	30.43	26.78	23.0	32.13	30.17	26.51	22.7	33.35	31.39	27.74	24.0
	kW	1998	1996	1992	2010	2241	2239	2235	2254	2512	2511	2506	2525	2806	2804	2800	2819	3135	3133	3128	3147	3520	3518	3514	3532
	Amps	749	749	747	7.5	8.55	8.54	8.53	8.6	9.73	9.72	9.71	9.8	11.01	11.00	10.98	11.1	12.44	12.43	12.41	12.5	14.11	14.10	14.09	14.2
950	Hi PR	264	265	267	271.2	305	306	308	312.2	348	349	351	355.1	394	395	397	401.3	444	445	447	451.1	497	498	500	504.3
	Lo PR	126	127	130	135.7	133	135	138	143.1	140	141	144	149.6	145	147	150	155.0	151	152	155	160.4	157	159	162	167.2
	MBh	31.6	32.0	32.9	34.3	31.3	31.7	32.6	34.0	30.5	31.0	31.9	33.2	29.2	29.6	30.5	31.9	27.6	28.0	28.9	30.2	26.1	26.5	27.4	28.7
	S/T	1.00	1.00	0.88	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	1.00	1.00	0.93	0.8	1.00	1.00	0.95	0.8	1.00	1.00	1.00	0.9
	ΔT	31.22	29.27	25.61	21.8	31.17	29.21	25.56	21.8	31.45	29.49	25.83	22.0	31.15	29.19	25.54	21.8	30.89	28.93	25.28	21.5	32.11	30.16	26.50	22.7
	kW	2011	2009	2005	2023	2254	2252	2248	2267	2526	2524	2520	2538	2819	2817	2813	2832	3148	3146	3142	3160	3533	3531	3527	3545
1100	Amps	755	754	753	7.6	8.61	8.60	8.58	8.7	9.79	9.78	9.76	9.8	11.07	11.06	11.04	11.1	12.49	12.49	12.47	12.5	14.17	14.16	14.14	14.2
	Hi PR	266	268	269	273.9	307	309	310	314.9	350	351	353	357.8	397	398	399	404.0	446	447	449	453.8	499	501	502	507.0
	Lo PR	128	130	133	138.2	136	137	140	145.6	142	144	147	152.1	148	149	152	157.6	153	155	158	163.0	160	161	165	169.7

EXPANDED COOLING DATA — DP5GM36***31 LOW STAGE

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
ENTERING INDOOR WET BULB TEMPERATURE																																					
70	700	MBh	26.0	26.3	27.1	-	25.7	26.1	26.9	-	25.1	25.4	26.2	-	23.9	24.3	25.0	-	22.5	22.8	23.6	-	21.2	21.5	22.3	-	21.2	21.5	22.3	-							
		S/T	0.64	0.56	0.41	-	0.65	0.56	0.42	-	1.00	0.59	0.44	-	1.00	0.61	0.46	-	1.00	1.00	0.49	-	1.00	1.00	0.54	-	1.00	1.00	0.54	-							
		ΔT	19.40	17.63	14.33	-	19.35	17.58	14.28	-	19.60	17.83	14.53	-	19.34	17.56	14.26	-	19.10	17.33	14.02	-	20.21	18.44	15.13	-	20.21	18.44	15.13	-							
		kW	1534	1532	1529	-	1711	1709	1706	-	1908	1907	1904	-	2122	2120	2117	-	2360	2359	2356	-	2640	2639	2636	-	2640	2639	2636	-							
		Amps	5.45	5.44	5.43	-	6.22	6.21	6.20	-	7.08	7.07	7.06	-	8.01	8.00	7.99	-	9.04	9.04	9.03	-	10.26	10.26	10.24	-	10.26	10.26	10.24	-							
		Hi PR	236	237	239	-	273	274	276	-	312	313	315	-	354	355	357	-	400	401	402	-	448	449	451	-	448	449	451	-							
825	Lo PR	135	136	140	-	143	145	148	-	150	152	155	-	156	158	161	-	162	164	167	-	170	171	175	-	170	171	175	-								
	MBh	26.4	26.8	27.5	-	26.2	26.5	27.3	-	25.5	25.8	26.6	-	24.3	24.7	25.4	-	22.9	23.2	24.0	-	21.6	21.9	22.7	-	21.6	21.9	22.7	-								
	S/T	0.72	0.64	0.49	-	1.00	0.65	0.50	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	1.00	0.57	-	1.00	1.00	0.63	-	1.00	1.00	0.63	-								
	ΔT	18.07	16.30	13.00	-	18.03	16.26	12.95	-	18.28	16.50	13.20	-	18.01	16.24	12.93	-	17.77	16.00	12.70	-	18.88	17.11	13.80	-	18.88	17.11	13.80	-								
	kW	1545	1544	1541	-	1722	1721	1718	-	1919	1918	1915	-	2133	2132	2129	-	2372	2370	2367	-	2652	2650	2647	-	2652	2650	2647	-								
	Amps	5.50	5.49	5.48	-	6.27	6.26	6.25	-	7.13	7.12	7.11	-	8.06	8.05	8.04	-	9.09	9.09	9.07	-	10.31	10.31	10.29	-	10.31	10.31	10.29	-								
1000	Hi PR	238	239	241	-	276	277	278	-	315	316	317	-	357	358	360	-	402	403	405	-	451	452	453	-	451	452	453	-								
	Lo PR	137	139	142	-	145	147	150	-	152	154	158	-	159	160	164	-	165	166	170	-	172	174	177	-	172	174	177	-								
	MBh	27.1	27.5	28.3	-	26.9	27.3	28.0	-	26.2	26.6	27.4	-	25.0	25.4	26.2	-	23.6	24.0	24.8	-	22.3	22.7	23.5	-	22.3	22.7	23.5	-								
	S/T	0.77	0.69	0.54	-	1.00	0.69	0.55	-	1.00	0.72	0.57	-	1.00	1.00	0.60	-	1.00	1.00	0.62	-	1.00	1.00	0.68	-	1.00	1.00	0.68	-								
	ΔT	16.61	14.84	11.53	-	16.56	14.79	11.49	-	16.81	15.04	11.73	-	16.54	14.77	11.47	-	16.31	14.54	11.23	-	17.42	15.64	12.34	-	17.42	15.64	12.34	-								
	kW	1558	1556	1553	-	1735	1733	1730	-	1932	1931	1928	-	2146	2144	2141	-	2384	2383	2380	-	2664	2663	2660	-	2664	2663	2660	-								
75	Amps	5.55	5.55	5.53	-	6.32	6.32	6.30	-	7.18	7.18	7.16	-	8.11	8.10	8.09	-	9.15	9.14	9.13	-	10.37	10.36	10.35	-	10.37	10.36	10.35	-								
	Hi PR	242	243	244	-	279	280	282	-	318	319	321	-	360	361	363	-	406	407	408	-	454	455	457	-	454	455	457	-								
	Lo PR	141	143	146	-	149	151	154	-	156	158	161	-	162	164	168	-	168	170	174	-	176	178	181	-	176	178	181	-								
	MBh	26.0	26.4	27.1	28.3	25.8	26.1	26.9	28.1	25.1	25.4	26.2	27.4	23.9	24.3	25.1	26.2	22.5	22.8	23.6	24.8	21.2	21.5	22.3	23.5	21.2	21.5	22.3	23.5								
	S/T	1.00	0.70	0.55	0.4	1.00	0.70	0.56	0.4	1.00	0.73	0.58	0.4	1.00	1.00	0.60	0.4	1.00	1.00	0.63	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.68	0.5								
	ΔT	23.29	21.52	18.22	14.8	23.25	21.48	18.17	14.7	23.50	21.72	18.42	15.0	23.23	21.46	18.15	14.7	22.99	21.22	17.92	14.5	24.10	22.33	19.02	15.6	24.10	22.33	19.02	15.6								
825	kW	1533	1531	1528	1542	1709	1708	1705	1719	1907	1906	1902	1916	2121	2119	2116	2130	2359	2358	2355	2368	2639	2638	2635	2648	2639	2638	2635	2648								
	Amps	5.45	5.44	5.43	5.5	6.21	6.21	6.19	6.3	7.07	7.07	7.05	7.1	8.00	8.00	7.98	8.0	9.04	9.03	9.02	9.1	10.26	10.25	10.24	10.3	10.26	10.25	10.24	10.3								
	Hi PR	236	237	239	242.9	273	274	276	280.2	313	314	315	319.3	355	356	357	361.4	400	401	403	406.8	448	449	451	455.2	448	449	451	455.2								
	Lo PR	135	136	140	145.6	143	145	148	153.8	150	152	155	161.0	156	158	161	167.1	162	164	167	173.0	170	171	175	180.5	170	171	175	180.5								
	MBh	26.4	26.8	27.5	28.7	26.2	26.5	27.3	28.5	25.5	25.9	26.6	27.8	24.3	24.7	25.5	26.6	22.9	23.3	24.0	25.2	21.6	21.9	22.7	23.9	21.6	21.9	22.7	23.9								
	S/T	1.00	0.78	0.63	0.5	1.00	0.79	0.64	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.71	0.6	1.00	1.00	0.71	0.6								
1000	ΔT	21.97	20.20	16.89	13.5	21.92	20.15	16.84	13.4	22.17	20.40	17.09	13.7	21.90	20.13	16.82	13.4	21.66	19.89	16.59	13.2	22.77	21.00	17.70	14.3	22.77	21.00	17.70	14.3								
	kW	1544	1543	1540	1553	1721	1719	1716	1730	1918	1917	1914	1927	2132	2131	2128	2141	2371	2369	2366	2380	2651	2649	2646	2660	2651	2649	2646	2660								
	Amps	5.49	5.49	5.48	5.5	6.26	6.26	6.24	6.3	7.12	7.12	7.10	7.2	8.05	8.04	8.03	8.1	9.09	9.08	9.07	9.1	10.31	10.30	10.29	10.3	10.31	10.30	10.29	10.3								
	Hi PR	239	240	241	245.4	276	277	279	282.7	315	316	318	321.8	357	358	360	363.9	402	403	405	409.2	451	452	454	457.6	451	452	454	457.6								
	Lo PR	137	139	142	147.9	145	147	150	156.2	153	154	158	163.4	159	160	164	169.4	165	166	170	175.4	172	174	177	182.9	172	174	177	182.9								
	MBh	27.1	27.5	28.3	29.5	26.9	27.3	28.1	29.2	26.2	26.6	27.4	28.6	25.1	25.4	26.2	27.4	23.6	24.0	24.8	26.0	22.3	22.7	23.5	24.7	22.3	22.7	23.5	24.7								
70	S/T	1.00	0.83	0.68	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.7	1.00	1.00	0.7	1.00	1.00	0.7							
	ΔT	20.50	18.73	15.43	12.0	20.45	18.68	15.38	12.0	20.70	18.93	15.63	12.2	20.44	18.67	15.36	11.9	20.20	18.43	15.12	11.7	21.31	19.54	16.23	12.8	21.31	19.54	16.23	12.8								
	kW	1557	1555	1552	1566	1733	1732	1729	1742	1931	1929	1926	1940	2144	2143	2140	2154	2383	2382	2379	2392	2663	2662	2659	2672	2663	2662	2659	2672								
	Amps	5.55	5.54	5.53	5.6	6.32	6.31	6.30	6.4	7.18	7.17	7.16	7.2	8.11	8.10	8.09	8.1	9.14	9.14	9.12	9.2	10.36	10.35	10.34	10.4	10.36	10.35	10.34	10.4								
	Hi PR	242	243	245	248.7	279	280	282	286.0	318	319	321	325.1	360	361	363	367.2	406	407	408	412.6	454	455	457	461.0	454	455	457	461.0								
	Lo PR	141	143	146	151.9	149	151	154	160.1	156	158	162	167.3	162	164	168	173.4	168	170	174	179.3	176	178	181	186.8	176	178	181	186.8								
kW = Total system power																																					
DB: Entering Indoor Dry Bulb Temperature																																					
High and low pressures are measured at the liquid and suction																																					

EXPANDED COOLING DATA — DP5GM36***31 LOW STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	700	MBh	26.1	26.5	27.3	28.5	25.9	26.3	27.0	28.2	25.2	25.6	26.4	27.5	24.0	24.4	25.2	26.4	22.6	23.0	23.8	24.9	21.3	21.7	22.5	23.6	21.3	21.7	22.5	23.6							
		S/T	1.00	0.83	0.69	0.5	1.00	0.84	0.69	0.5	1.00	1.00	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	1.00	0.6	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7							
		ΔT	27.21	25.44	22.14	18.7	27.17	25.40	22.09	18.7	27.41	25.64	22.34	18.9	27.15	25.38	22.07	18.6	26.91	25.14	21.83	18.4	28.02	26.25	22.94	19.5	28.02	26.25	22.94	19.5							
		kW	1534	1532	1529	1543	1710	1709	1706	1720	1908	1906	1903	1917	2121	2120	2117	2131	2360	2359	2356	2369	2640	2639	2636	2649	2640	2639	2636	2649							
	Amps	5.45	5.44	5.43	5.5	6.22	6.21	6.20	6.3	7.08	7.07	7.06	7.1	8.01	8.00	7.99	8.0	9.04	9.04	9.04	9.02	9.1	10.26	10.25	10.24	10.3	10.26	10.25	10.24	10.3							
	Hi PR	237	238	239	243.4	274	275	277	280.7	313	314	316	319.8	355	356	358	361.8	400	401	403	407.2	449	450	451	455.6	449	450	451	455.6								
	Lo PR	135	137	140	146.2	144	145	149	154.4	151	152	156	161.6	157	158	162	167.7	163	164	168	173.6	170	172	175	181.1	170	172	175	181.1								
	825	MBh	26.5	26.9	27.7	28.9	26.3	26.7	27.4	28.6	25.6	26.0	26.8	28.0	24.5	24.8	25.6	26.8	23.0	23.4	24.2	25.4	21.7	22.1	22.9	24.0	21.7	22.1	22.9	24.0							
S/T		1.00	0.92	0.77	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.6	1.00	1.00	0.82	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7								
ΔT		25.89	24.12	20.81	17.4	25.84	24.07	20.76	17.3	26.09	24.32	21.01	17.6	25.82	24.05	20.74	17.3	25.58	23.81	20.51	17.1	26.69	24.92	21.62	18.2	26.69	24.92	21.62	18.2								
kW		1545	1544	1541	1554	1722	1720	1717	1731	1919	1918	1915	1928	2133	2131	2128	2142	2372	2370	2367	2381	2652	2650	2647	2661	2652	2650	2647	2661								
1000	Amps	5.50	5.49	5.48	5.5	6.27	6.26	6.25	6.3	7.13	7.12	7.11	7.2	8.05	8.05	8.04	8.1	9.09	9.09	9.07	9.1	10.31	10.30	10.29	10.4	10.31	10.30	10.29	10.4								
	Hi PR	239	240	242	245.8	276	277	279	283.1	315	316	318	322.2	357	359	360	364.3	403	404	406	409.7	451	452	454	458.1	451	452	454	458.1								
	Lo PR	138	139	143	148.5	146	148	151	156.8	153	155	158	164.0	159	161	164	170.0	165	167	170	176.0	173	174	178	183.5	173	174	178	183.5								
	MBh	27.3	27.6	28.4	29.6	27.0	27.4	28.2	29.4	26.4	26.7	27.5	28.7	25.2	25.6	26.3	27.5	23.8	24.1	24.9	26.1	22.5	22.8	23.6	24.8	22.5	22.8	23.6	24.8								
	S/T	1.00	0.96	0.82	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8								
	ΔT	24.42	22.65	19.35	15.9	24.37	22.60	19.30	15.9	24.62	22.85	19.55	16.1	24.36	22.58	19.28	15.9	24.12	22.35	19.04	15.6	25.23	23.46	20.15	16.7	25.23	23.46	20.15	16.7								
	kW	1557	1556	1553	1567	1734	1733	1730	1743	1932	1930	1927	1941	2145	2144	2141	2154	2384	2383	2380	2393	2664	2663	2660	2673	2664	2663	2660	2673								
	Amps	5.55	5.55	5.53	5.6	6.32	6.32	6.30	6.4	7.18	7.17	7.16	7.2	8.11	8.10	8.09	8.1	9.15	9.14	9.13	9.2	10.36	10.36	10.35	10.4	10.36	10.36	10.35	10.4								
	Hi PR	242	243	245	249.2	280	281	282	286.5	319	320	321	325.5	361	362	364	367.6	406	407	409	413.0	455	456	457	461.4	455	456	457	461.4								
	Lo PR	142	143	147	152.5	150	151	155	160.7	157	159	162	167.9	163	165	168	174.0	169	171	174	179.9	177	178	182	187.4	177	178	182	187.4								

85	700	MBh	26.6	26.9	27.7	28.9	26.3	26.7	27.5	28.7	25.7	26.0	26.8	28.0	24.5	24.8	25.6	26.8	23.1	23.4	24.2	25.4	21.7	22.1	22.9	24.1
		S/T	1.00	1.00	0.80	0.6	1.00	1.00	0.80	0.6	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	1.0
		ΔT	30.69	28.92	25.61	22.2	30.64	28.87	25.57	22.1	30.89	29.12	25.81	22.4	30.62	28.85	25.55	22.1	30.39	28.62	25.31	21.9	31.50	29.72	26.42	23.0
		kW	1537	1536	1533	1546	1714	1712	1709	1723	1911	1910	1907	1920	2125	2123	2120	2134	2364	2362	2359	2373	2644	2642	2639	2653
		Amps	5.46	5.46	5.44	5.5	6.23	6.23	6.21	6.3	7.09	7.09	7.07	7.1	8.02	8.01	8.00	8.1	9.06	9.05	9.04	9.1	10.28	10.27	10.26	10.3
	Hi PR	238	239	240	244.5	275	276	278	281.8	314	315	317	320.9	356	357	359	362.9	402	403	404	408.3	450	451	453	456.7	
	Lo PR	137	139	142	148.2	146	147	151	156.4	153	154	158	163.6	159	160	164	169.7	165	166	170	175.6	172	174	177	183.1	
	825	MBh	27.0	27.3	28.1	29.3	26.7	27.1	27.9	29.1	26.1	26.4	27.2	28.4	24.9	25.3	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	0.88	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	1.0
		ΔT	29.36	27.59	24.29	20.9	29.31	27.54	24.24	20.8	29.56	27.79	24.49	21.1	29.30	27.53	24.22	20.8	29.06	27.29	23.98	20.6	30.17	28.40	25.09	21.7
kW		1548	1547	1544	1557	1725	1724	1721	1734	1923	1921	1918	1932	2136	2135	2132	2145	2375	2374	2371	2384	2655	2654	2651	2664	
Amps		5.51	5.51	5.49	5.6	6.28	6.28	6.26	6.3	7.14	7.13	7.12	7.2	8.07	8.06	8.05	8.1	9.11	9.10	9.09	9.1	10.33	10.32	10.31	10.4	
1000	Hi PR	240	241	243	247.0	277	278	280	284.3	317	318	319	323.3	359	360	361	365.4	404	405	407	410.8	452	453	455	459.2	
	Lo PR	140	141	145	150.6	148	150	153	158.8	155	157	160	166.0	161	163	166	172.1	167	169	172	178.0	175	176	180	185.5	
	MBh	27.7	28.1	28.9	30.1	27.5	27.9	28.6	29.8	26.8	27.2	28.0	29.1	25.6	26.0	26.8	28.0	24.2	24.6	25.4	26.5	22.9	23.3	24.0	25.2	
	S/T	1.00	1.00	0.93	0.8	1.00	1.00	0.93	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	1.0	1.00	1.00	1.00	1.0	
	ΔT	27.90	26.13	22.82	19.4	27.85	26.08	22.77	19.3	28.10	26.33	23.02	19.6	27.83	26.06	22.75	19.3	27.59	25.82	22.52	19.1	28.70	26.93	23.63	20.2	
85	kW	1561	1559	1556	1570	1738	1736	1733	1747	1935	1934	1931	1944	2149	2147	2144	2158	2387	2386	2383	2397	2667	2666	2663	2677	
	Amps	5.57	5.56	5.55	5.6	6.34	6.33	6.32	6.4	7.20	7.19	7.18	7.2	8.12	8.12	8.10	8.2	9.16	9.16	9.14	9.2	10.38	10.37	10.36	10.4	
	Hi PR	243	244	246	250.3	281	282	283	287.6	320	321	323	326.7	362	363	365	368.7	407	408	410	414.1	456	457	458	462.5	
	Lo PR	144	145	149	154.5	152	154	157	162.7	159	161	164	169.9	165	167	170	176.0	171	173	176	181.9	179	180	184	189.4	

Shaded area reflects AHRI conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DP5GM36***31 HIGH STAGE

		OUTDOOR AMBIENT TEMPERATURE																		115°F											
		65°F						75°F						85°F						95°F						105°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
1000	MBh	36.1	36.6	37.7	-	35.8	36.3	37.3	-	34.8	35.3	36.4	-	33.2	33.7	34.8	-	31.2	31.7	32.8	-	29.4	29.9	31.0	-						
	S/T	0.61	0.53	0.39	-	0.62	0.54	0.39	-	1.00	0.56	0.42	-	1.00	0.58	0.44	-	1.00	0.61	0.47	-	1.00	1.00	0.52	-						
	ΔT	20.26	18.43	15.00	-	20.21	18.38	14.95	-	20.47	18.64	15.21	-	20.20	18.36	14.94	-	19.95	18.12	14.69	-	21.10	19.26	15.84	-						
	kW	2436	2434	2429	-	2718	2715	2710	-	3031	3029	3024	-	3371	3369	3364	-	3751	3748	3744	-	4196	4194	4189	-						
	Amps	8.66	8.65	8.63	-	9.88	9.87	9.85	-	11.24	11.23	11.21	-	12.72	12.71	12.69	-	14.37	14.36	14.34	-	16.31	16.30	16.27	-						
	Hi PR	247	248	249	-	286	287	288	-	326	327	329	-	370	371	373	-	418	419	421	-	469	470	471	-						
70	Lo PR	131	132	136	-	139	140	144	-	146	147	151	-	152	153	157	-	157	159	162	-	165	166	170	-						
	MBh	36.7	37.2	38.3	-	36.4	36.9	38.0	-	35.4	35.9	37.0	-	33.8	34.3	35.4	-	31.8	32.3	33.4	-	30.0	30.5	31.6	-						
	S/T	0.70	0.62	0.48	-	0.71	0.63	0.49	-	1.00	0.66	0.51	-	1.00	0.68	0.53	-	1.00	0.70	0.56	-	1.00	1.00	0.61	-						
	ΔT	18.73	16.90	13.47	-	18.68	16.85	13.42	-	18.94	17.10	13.68	-	18.66	16.83	13.40	-	18.42	16.58	13.16	-	19.56	17.73	14.30	-						
	kW	2457	2454	2450	-	2738	2735	2731	-	3052	3049	3045	-	3391	3389	3384	-	3771	3769	3764	-	4216	4214	4209	-						
	Amps	8.74	8.73	8.71	-	9.97	9.96	9.94	-	11.33	11.32	11.30	-	12.81	12.80	12.78	-	14.46	14.45	14.43	-	16.39	16.38	16.36	-						
1400	Hi PR	249	250	252	-	288	289	291	-	329	330	332	-	373	374	376	-	421	422	424	-	471	472	474	-						
	Lo PR	133	135	138	-	141	143	146	-	148	150	153	-	154	156	159	-	160	162	165	-	167	169	172	-						
	MBh	37.5	38.0	39.1	-	37.2	37.7	38.8	-	36.2	36.7	37.8	-	34.6	35.1	36.2	-	32.6	33.1	34.2	-	30.8	31.3	32.4	-						
	S/T	0.75	0.67	0.52	-	1.00	0.67	0.53	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	1.00	0.60	-	1.00	1.00	0.65	-						
	ΔT	17.51	15.68	12.25	-	17.46	15.63	12.20	-	17.72	15.89	12.46	-	17.44	15.61	12.18	-	17.20	15.36	11.94	-	18.35	16.51	13.09	-						
	kW	2472	2470	2465	-	2754	2751	2747	-	3068	3065	3061	-	3407	3405	3400	-	3787	3784	3780	-	4232	4230	4225	-						
1000	Amps	8.81	8.80	8.78	-	10.04	10.03	10.00	-	11.40	11.39	11.37	-	12.88	12.87	12.85	-	14.53	14.52	14.50	-	16.46	16.45	16.43	-						
	Hi PR	252	253	255	-	291	292	294	-	332	333	335	-	376	377	379	-	423	425	426	-	474	475	477	-						
	Lo PR	136	138	141	-	144	146	149	-	151	153	156	-	157	159	162	-	163	165	168	-	170	172	175	-						
	MBh	36.1	36.6	37.7	39.3	35.8	36.3	37.4	39.0	34.8	35.3	36.4	38.1	33.2	33.7	34.8	36.4	31.2	31.7	32.8	34.5	29.4	29.9	31.0	32.6						
	S/T	0.75	0.67	0.52	0.4	1.00	0.67	0.53	0.4	1.00	0.70	0.56	0.4	1.00	0.72	0.58	0.4	1.00	1.00	0.60	0.5	1.00	1.00	0.66	0.5						
	ΔT	24.30	22.46	19.04	15.5	24.25	22.41	18.99	15.4	24.51	22.67	19.25	15.7	24.23	22.39	18.97	15.4	23.98	22.15	18.72	15.2	25.13	23.30	19.87	16.3						
75	kW	2435	2432	2427	2449	2716	2713	2709	2730	3030	3027	3023	3044	3369	3367	3362	3384	3749	3746	3742	3763	4194	4192	4187	4208						
	Amps	8.65	8.64	8.62	8.7	9.87	9.86	9.84	9.9	11.23	11.23	11.20	11.3	12.71	12.70	12.68	12.8	14.36	14.35	14.33	14.4	16.30	16.29	16.27	16.4						
	Hi PR	247	248	250	253.9	286	287	289	292.9	327	328	329	333.7	371	372	373	377.8	418	419	421	425.2	469	470	472	475.9						
	Lo PR	131	132	136	141.4	139	140	144	149.4	146	147	151	156.4	152	153	157	162.3	158	159	162	168.1	165	166	170	175.4						
	MBh	36.7	37.2	38.3	40.0	36.4	36.9	38.0	39.6	35.4	36.0	37.0	38.7	33.8	34.3	35.4	37.1	31.8	32.3	33.4	35.1	30.0	30.5	31.6	33.3						
	S/T	1.00	0.76	0.62	0.5	1.00	0.77	0.62	0.5	1.00	0.79	0.65	0.5	1.00	1.00	0.67	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.75	0.6						
1400	ΔT	22.76	20.93	17.50	14.0	22.71	20.88	17.45	13.9	22.97	21.14	17.71	14.2	22.70	20.86	17.43	13.9	22.45	20.62	17.19	13.6	23.60	21.76	18.34	14.8						
	kW	2455	2452	2448	2469	2736	2734	2729	2750	3050	3048	3043	3064	3389	3387	3382	3404	3769	3767	3762	3783	4214	4212	4207	4229						
	Amps	8.74	8.73	8.71	8.8	9.96	9.95	9.93	10.0	11.32	11.31	11.29	11.4	12.80	12.79	12.77	12.9	14.45	14.44	14.42	14.5	16.39	16.38	16.35	16.4						
	Hi PR	250	251	252	256.7	289	290	291	295.7	329	331	332	336.6	373	375	376	380.6	421	422	424	428.1	472	473	474	478.7						
	Lo PR	133	135	138	143.9	141	143	146	151.9	148	150	153	158.9	154	156	159	164.8	160	162	165	170.6	167	169	172	177.9						
	MBh	37.5	38.0	39.1	40.7	37.2	37.7	38.8	40.4	36.2	36.7	37.8	39.5	34.6	35.1	36.2	37.9	32.6	33.1	34.2	35.9	30.8	31.3	32.4	34.0						
75	S/T	1.00	0.80	0.66	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.6						
	ΔT	21.55	19.71	16.29	12.7	21.50	19.66	16.24	12.7	21.75	19.92	16.49	12.9	21.48	19.64	16.22	12.7	21.23	19.40	15.97	12.4	22.38	20.55	17.12	13.6						
	kW	2471	2468	2464	2485	2752	2750	2745	2766	3066	3063	3059	3080	3405	3403	3398	3420	3785	3783	3778	3799	4230	4228	4223	4245						
	Amps	8.81	8.80	8.77	8.9	10.03	10.02	10.00	10.1	11.39	11.38	11.36	11.5	12.87	12.86	12.84	12.9	14.52	14.51	14.49	14.6	16.45	16.45	16.42	16.5						
	Hi PR	252	253	255	259.4	291	292	294	298.4	332	333	335	339.3	376	377	379	383.3	424	425	426	430.8	474	475	477	481.4						
	Lo PR	136	138	141	146.8	144	146	149	154.8	151	153	156	161.8	157	159	162	167.7	163	165	168	173.6	170	172	175	180.8						
DB: Entering Indoor Dry Bulb Temperature		Shaded area reflects ACCA (TVA) conditions.																													
High and low pressures are measured at the liquid and suction service valves.		kW = Total system power Amps = outdoor unit amps (comp.+fan)																													

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 — DP5GM36***31 HIGH STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	36.3	36.8	37.9	39.5	36.0	36.5	37.6	39.2	35.0	35.5	36.6	38.3	33.4	33.9	35.0	36.6	31.4	31.9	33.0	34.6	29.6	30.1	31.2	32.8
	S/T	1.00	0.80	0.66	0.5	1.00	0.81	0.66	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	1.00	0.6
	ΔT	28.36	26.53	23.10	19.6	28.31	26.47	23.05	19.5	28.57	26.73	23.31	19.8	28.29	26.46	23.03	19.5	28.05	26.21	22.79	19.2	29.19	27.36	23.93	20.4
	kW	2436	2434	2429	2450	2717	2715	2710	2732	3031	3029	3024	3046	3371	3368	3364	3385	3750	3748	3743	3765	4195	4193	4188	4210
	Amps	8.65	8.64	8.62	8.7	9.88	9.87	9.85	9.9	11.24	11.23	11.21	11.3	12.72	12.71	12.69	12.8	14.37	14.36	14.34	14.4	16.30	16.29	16.27	16.4
	Hi PR	247	248	250	254.3	286	287	289	293.3	327	328	330	334.2	371	372	374	378.2	419	420	421	425.7	469	470	472	476.3
80	Lo PR	131	133	136	141.9	139	141	144	149.9	146	148	151	156.9	152	154	157	162.9	158	160	163	168.7	165	167	170	175.9
	MBh	36.9	37.4	38.5	40.1	36.6	37.1	38.2	39.8	35.6	36.1	37.2	38.9	34.0	34.5	35.6	37.3	32.0	32.5	33.6	35.3	30.2	30.7	31.8	33.4
	S/T	1.00	0.89	0.75	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
	ΔT	26.83	24.99	21.57	18.0	26.78	24.94	21.51	18.0	27.03	25.20	21.77	18.2	26.76	24.92	21.50	17.9	26.51	24.68	21.25	17.7	27.66	25.83	22.40	18.9
	kW	2456	2454	2449	2471	2737	2735	2730	2752	3051	3049	3044	3066	3391	3389	3384	3405	3770	3768	3763	3785	4216	4213	4209	4230
	Amps	8.74	8.73	8.71	8.8	9.96	9.95	9.93	10.0	11.33	11.32	11.30	11.4	12.81	12.80	12.78	12.9	14.46	14.45	14.43	14.5	16.39	16.38	16.36	16.5
1400	Hi PR	250	251	253	257.2	289	290	292	296.2	330	331	333	337.0	374	375	377	381.1	421	422	424	428.5	472	473	475	479.2
	Lo PR	134	136	139	144.5	142	144	147	152.5	149	151	154	159.5	155	156	160	165.4	161	162	166	171.2	168	170	173	178.5
	MBh	37.7	38.2	39.3	40.9	37.4	37.9	39.0	40.6	36.4	36.9	38.0	39.7	34.8	35.3	36.4	38.0	32.8	33.3	34.4	36.1	31.0	31.5	32.6	34.2
	S/T	1.00	0.93	0.79	0.6	1.00	1.00	0.80	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
	ΔT	25.61	23.77	20.35	16.8	25.56	23.72	20.30	16.7	25.82	23.98	20.55	17.0	25.54	23.70	20.28	16.7	25.29	23.46	20.03	16.5	26.44	24.61	21.18	17.6
	kW	2472	2470	2465	2487	2753	2751	2746	2768	3067	3065	3060	3082	3407	3405	3400	3421	3786	3784	3779	3801	4232	4229	4225	4246
85	Amps	8.81	8.80	8.78	8.9	10.03	10.02	10.00	10.1	11.40	11.39	11.37	11.5	12.88	12.87	12.84	12.9	14.53	14.52	14.49	14.6	16.46	16.45	16.43	16.5
	Hi PR	253	254	256	259.9	292	293	295	298.9	333	334	335	339.8	377	378	379	383.8	424	425	427	431.2	475	476	478	481.9
	Lo PR	137	138	142	147.4	145	146	150	155.4	152	153	157	162.4	158	159	163	168.3	164	165	169	174.1	171	172	176	181.4
	MBh	36.9	37.4	38.5	40.1	36.6	37.1	38.2	39.8	35.6	36.1	37.2	38.9	34.0	34.5	35.6	37.2	32.0	32.5	33.6	35.3	30.2	30.7	31.8	33.4
	S/T	1.00	0.91	0.76	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.80	0.6	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7
	ΔT	31.96	30.13	26.70	23.2	31.91	30.08	26.65	23.1	32.17	30.33	26.91	23.4	31.89	30.06	26.63	23.1	31.65	29.81	26.39	22.8	32.80	30.96	27.54	24.0
1000	kW	2441	2439	2434	2456	2723	2720	2716	2737	3036	3034	3029	3051	3376	3374	3369	3391	3756	3753	3749	3770	4201	4199	4194	4215
	Amps	8.68	8.67	8.65	8.7	9.90	9.89	9.87	10.0	11.26	11.26	11.23	11.3	12.74	12.73	12.71	12.8	14.39	14.38	14.36	14.5	16.33	16.32	16.30	16.4
	Hi PR	248	249	251	255.5	287	288	290	294.5	328	329	331	335.4	372	373	375	379.4	420	421	423	426.8	470	471	473	477.5
	Lo PR	133	135	138	143.9	141	143	146	151.9	148	150	153	158.9	154	156	159	164.8	160	162	165	170.6	167	169	172	177.9
	MBh	37.5	38.0	39.1	40.8	37.2	37.7	38.8	40.4	36.2	36.8	37.8	39.5	34.6	35.1	36.2	37.9	32.6	33.1	34.2	35.9	30.8	31.3	32.4	34.1
	S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
1200	ΔT	30.43	28.59	25.17	21.6	30.38	28.54	25.12	21.6	30.64	28.80	25.37	21.8	30.36	28.52	25.10	21.5	30.11	28.28	24.85	21.3	31.26	29.43	26.00	22.5
	kW	2462	2459	2455	2476	2743	2741	2736	2757	3057	3054	3050	3071	3396	3394	3389	3411	3776	3774	3769	3790	4221	4219	4214	4235
	Amps	8.77	8.76	8.73	8.8	9.99	9.98	9.96	10.1	11.35	11.34	11.32	11.4	12.83	12.82	12.80	12.9	14.48	14.47	14.45	14.5	16.42	16.41	16.38	16.5
	Hi PR	251	252	254	258.3	290	291	293	297.3	331	332	334	338.2	375	376	378	382.2	423	424	425	429.7	473	474	476	480.3
	Lo PR	136	138	141	146.5	144	146	149	154.5	151	153	156	161.5	157	158	162	167.4	163	164	168	173.2	170	172	175	180.5
	MBh	38.3	38.8	39.9	41.5	38.0	38.5	39.6	41.2	37.0	37.5	38.6	40.3	35.4	35.9	37.0	38.6	33.4	33.9	35.0	36.7	31.6	32.1	33.2	34.8
1400	S/T	1.00	1.00	0.90	0.7	1.00	1.00	0.90	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	1.0
	ΔT	29.21	27.37	23.95	20.4	29.16	27.32	23.90	20.3	29.42	27.58	24.16	20.6	29.14	27.31	23.88	20.3	28.90	27.06	23.64	20.1	30.04	28.21	24.78	21.2
	kW	2478	2475	2470	2492	2759	2756	2752	2773	3073	3070	3066	3087	3412	3410	3405	3427	3792	3789	3785	3806	4237	4235	4230	4251
	Amps	8.83	8.83	8.80	8.9	10.06	10.05	10.03	10.1	11.42	11.41	11.39	11.5	12.90	12.89	12.87	13.0	14.55	14.54	14.52	14.6	16.48	16.47	16.45	16.5
	Hi PR	254	255	257	261.0	293	294	296	300.1	334	335	337	340.9	378	379	381	384.9	425	426	428	432.4	476	477	479	483.0
	Lo PR	139	140	144	149.4	147	148	152	157.4	154	155	159	164.4	160	161	165	170.3	166	167	171	176.1	173	174	178	183.4

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 — DP5GM42***31 LOW STAGE

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
ENTERING INDOOR WET BULB TEMPERATURE																																					
70	800	MBh	30.1	30.6	31.5	-	29.9	30.3	31.2	-	29.1	29.5	30.4	-	27.7	28.1	29.1	-	26.1	26.5	27.4	-	24.5	25.0	25.9	-	24.5	25.0	25.9	-	24.5	25.0	25.9	-			
		S/T	0.54	0.47	0.34	-	0.55	0.47	0.34	-	0.57	0.50	0.37	-	1.00	0.52	0.39	-	1.00	0.54	0.41	-	1.00	0.59	0.46	-	1.00	0.59	0.46	-	1.00	0.59	0.46	-			
		ΔT	20.68	18.84	15.41	-	20.63	18.79	15.36	-	20.89	19.05	15.62	-	20.61	18.77	15.34	-	20.37	18.53	15.09	-	21.52	19.68	16.25	-	21.52	19.68	16.25	-	21.52	19.68	16.25	-			
		kW	1752	1750	1747	-	1968	1966	1962	-	2208	2206	2203	-	2468	2467	2463	-	2759	2758	2754	-	3101	3099	3095	-	3101	3099	3095	-	3101	3099	3095	-			
		Amps	6.43	6.42	6.41	-	7.37	7.36	7.35	-	8.41	8.41	8.39	-	9.55	9.54	9.52	-	10.81	10.80	10.79	-	12.30	12.29	12.27	-	12.30	12.29	12.27	-	12.30	12.29	12.27	-			
	Hi PR	250	251	252	-	289	290	292	-	331	332	334	-	375	377	378	-	424	425	426	-	475	476	478	-	475	476	478	-	475	476	478	-				
	Lo PR	125	126	130	-	133	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-	157	159	162	-	157	159	162	-				
	MBh	30.8	31.2	32.1	-	30.5	30.9	31.8	-	29.7	30.1	31.0	-	28.3	28.8	29.7	-	26.7	27.1	28.0	-	25.1	25.6	26.5	-	25.1	25.6	26.5	-	25.1	25.6	26.5	-				
	S/T	0.65	0.58	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.48	-	1.00	0.63	0.49	-	1.00	0.65	0.52	-	1.00	0.70	0.57	-	1.00	0.70	0.57	-	1.00	0.70	0.57	-				
	ΔT	18.78	16.94	13.50	-	18.73	16.89	13.45	-	18.98	17.14	13.71	-	18.71	16.87	13.43	-	18.46	16.62	13.19	-	19.61	17.77	14.34	-	19.61	17.77	14.34	-	19.61	17.77	14.34	-				
1000	kW	1771	1769	1766	-	1987	1985	1981	-	2227	2226	2222	-	2488	2486	2482	-	2779	2777	2773	-	3120	3118	3115	-	3120	3118	3115	-	3120	3118	3115	-				
	Amps	6.52	6.51	6.49	-	7.45	7.44	7.43	-	8.50	8.49	8.48	-	9.63	9.62	9.61	-	10.90	10.89	10.87	-	12.38	12.37	12.36	-	12.38	12.37	12.36	-	12.38	12.37	12.36	-				
	Hi PR	253	254	256	-	293	294	296	-	334	335	337	-	379	380	382	-	427	428	430	-	479	480	481	-	479	480	481	-	479	480	481	-				
	Lo PR	128	129	133	-	135	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-	160	162	165	-	160	162	165	-				
	MBh	31.6	32.0	32.9	-	31.3	31.7	32.6	-	30.5	30.9	31.8	-	29.1	29.6	30.5	-	27.5	27.9	28.8	-	26.0	26.4	27.3	-	26.0	26.4	27.3	-	26.0	26.4	27.3	-				
1200	S/T	0.69	0.62	0.49	-	0.70	0.63	0.49	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.69	0.56	-	1.00	1.00	0.61	-	1.00	1.00	0.61	-	1.00	1.00	0.61	-				
	ΔT	17.33	15.49	12.06	-	17.28	15.44	12.01	-	17.54	15.70	12.27	-	17.26	15.42	11.99	-	17.02	15.18	11.75	-	18.17	16.33	12.90	-	18.17	16.33	12.90	-	18.17	16.33	12.90	-				
	kW	1786	1784	1780	-	2001	1999	1996	-	2242	2240	2236	-	2502	2500	2497	-	2793	2791	2788	-	3134	3133	3129	-	3134	3133	3129	-	3134	3133	3129	-				
	Amps	6.58	6.57	6.55	-	7.52	7.51	7.49	-	8.56	8.55	8.54	-	9.69	9.69	9.67	-	10.96	10.95	10.93	-	12.44	12.43	12.42	-	12.44	12.43	12.42	-	12.44	12.43	12.42	-				
	Hi PR	256	258	259	-	296	297	299	-	338	339	340	-	382	383	385	-	430	432	433	-	482	483	485	-	482	483	485	-	482	483	485	-				
Lo PR	131	133	136	-	139	140	144	-	146	147	150	-	151	153	156	-	157	158	162	-	164	165	169	-	164	165	169	-	164	165	169	-					
75	800	MBh	30.2	30.6	31.5	32.9	29.9	30.3	31.2	32.6	29.1	29.5	30.4	31.8	27.7	28.2	29.1	30.5	26.1	26.5	27.4	28.8	24.5	25.0	25.9	27.3	24.5	25.0	25.9	27.3	24.5	25.0	25.9	27.3			
		S/T	0.67	0.60	0.46	0.3	0.68	0.60	0.47	0.3	1.00	0.63	0.49	0.4	1.00	0.64	0.51	0.4	1.00	0.67	0.53	0.4	1.00	1.00	0.58	0.4	1.00	1.00	0.58	0.4	1.00	1.00	0.58	0.4			
		ΔT	24.73	22.89	19.45	15.9	24.68	22.84	19.40	15.8	24.93	23.09	19.66	16.1	24.66	22.82	19.38	15.8	24.41	22.57	19.14	15.6	25.56	23.72	20.29	16.7	25.56	23.72	20.29	16.7	25.56	23.72	20.29	16.7			
		kW	1751	1749	1745	1762	1966	1964	1961	1977	2207	2205	2201	2218	2467	2465	2462	2478	2758	2756	2753	2769	3099	3098	3094	3110	3099	3098	3094	3110	3099	3098	3094	3110			
		Amps	6.43	6.42	6.40	6.5	7.36	7.36	7.34	7.4	8.41	8.40	8.39	8.5	9.54	9.53	9.52	9.6	10.81	10.80	10.78	10.9	12.29	12.28	12.27	12.3	12.29	12.28	12.27	12.3	12.29	12.28	12.27	12.3			
	Hi PR	250	251	253	257.1	289	291	292	296.7	331	332	334	338.2	376	377	379	382.9	424	425	427	431.1	475	476	478	482.5	475	476	478	482.5	475	476	478	482.5				
	Lo PR	125	126	130	135.0	133	134	137	142.7	139	141	144	149.4	145	147	150	155.1	151	152	155	160.6	157	159	162	167.6	157	159	162	167.6	157	159	162	167.6				
	MBh	30.8	31.2	32.1	33.5	30.5	30.9	31.8	33.2	29.7	30.1	31.0	32.4	28.3	28.8	29.7	31.1	26.7	27.1	28.0	29.4	25.2	25.6	26.5	27.9	25.2	25.6	26.5	27.9	25.2	25.6	26.5	27.9				
	S/T	0.78	0.70	0.57	0.4	1.00	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	1.00	0.64	0.5	1.00	1.00	0.69	0.6	1.00	1.00	0.69	0.6	1.00	1.00	0.69	0.6				
	ΔT	22.82	20.98	17.55	14.0	22.77	20.93	17.50	13.9	23.03	21.19	17.75	14.2	22.75	20.91	17.48	13.9	22.50	20.67	17.23	13.7	23.66	21.82	18.38	14.8	23.66	21.82	18.38	14.8	23.66	21.82	18.38	14.8				
	kW	1770	1768	1764	1781	1985	1984	1980	1996	2226	2224	2221	2237	2486	2485	2481	2497	2777	2776	2772	2788	3119	3117	3113	3130	3119	3117	3113	3130	3119	3117	3113	3130				
	Amps	6.51	6.50	6.49	6.6	7.45	7.44	7.42	7.5	8.49	8.48	8.47	8.5	9.62	9.62	9.60	9.7	10.89	10.88	10.87	10.9	12.37	12.37	12.35	12.4	12.37	12.37	12.35	12.4	12.37	12.37	12.35	12.4				
	Hi PR	253	254	256	260.6	293	294	296	300.2	334	336	337	341.7	379	380	382	386.4	427	428	430	434.6	479	480	482	486.0	479	480	482	486.0	479	480	482	486.0				
	Lo PR	128	129	133	137.9	135	137	140	145.6	142	144	147	152.3	148	149	153	158.0	153	155	158	163.6	160	162	165	170.5	160	162	165	170.5	160	162	165	170.5				
1200	MBh	31.6	32.0	32.9	34.3	31.3	31.7	32.6	34.0	30.5	30.9	31.9	33.2	29.2	29.6	30.5	31.9	27.5	27.9	28.8	30.2	26.0	26.4	27.3	28.7	26.0	26.4	27.3	28.7	26.0	26.4	27.3	28.7				
	S/T	0.82	0.75	0.61	0.5	1.00	0.75	0.62	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.74	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.74	0.6				
	ΔT	21.38	19.54	16.10	12.5	21.33	19.49	16.05	12.5	21.59	19.75	16.31	12.8	21.31	19.47	16.03	12.5	21.06	19.22	15.79	12.2	22.21	20.37</														

EXPANDED COOLING DATA — DP5GM42***31 LOW STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	30.3	30.8	31.7	33.0	30.1	30.5	31.4	32.8	29.3	29.7	30.6	32.0	27.9	28.3	29.2	30.6	26.2	26.7	27.6	28.9	24.7	25.1	26.0	27.4
	S/T	1.00	0.72	0.59	0.4	1.00	0.72	0.59	0.5	1.00	0.75	0.62	0.5	1.00	1.00	0.63	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.71	0.6
	ΔT	28.80	26.96	23.52	20.0	28.75	26.91	23.47	19.9	29.00	27.17	23.73	20.2	28.73	26.89	23.45	19.9	28.48	26.64	23.21	19.7	29.63	27.79	24.36	20.8
	kW	1752	1750	1746	1763	1967	1966	1962	1978	2208	2206	2202	2219	2468	2467	2463	2479	2759	2757	2754	2770	3100	3099	3095	3112
	Amps	6.43	6.42	6.41	6.5	7.37	7.36	7.34	7.4	8.41	8.41	8.39	8.5	9.55	9.54	9.52	9.6	10.81	10.80	10.79	10.9	12.29	12.29	12.27	12.3
1000	Hi PR	250	251	253	257.6	290	291	293	297.2	331	333	334	338.7	376	377	379	383.3	424	425	427	431.5	476	477	479	482.9
	Lo PR	125	127	130	135.6	133	135	138	143.2	140	141	145	150.0	146	147	150	155.6	151	153	156	161.2	158	160	163	168.2
	MBh	30.9	31.4	32.3	33.7	30.7	31.1	32.0	33.4	29.9	30.3	31.2	32.6	28.5	28.9	29.8	31.2	26.8	27.3	28.2	29.6	25.3	25.7	26.6	28.0
	S/T	1.00	0.83	0.69	0.6	1.00	0.83	0.70	0.6	1.00	0.86	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.7
	ΔT	26.89	25.05	21.62	18.1	26.84	25.00	21.57	18.0	27.10	25.26	21.83	18.3	26.82	24.98	21.55	18.0	26.58	24.74	21.30	17.7	27.73	25.89	22.45	18.9
1200	kW	1771	1769	1766	1782	1986	1985	1981	1998	2227	2225	2222	2238	2487	2486	2482	2499	2778	2777	2773	2789	3120	3118	3114	3131
	Amps	6.51	6.51	6.49	6.6	7.45	7.44	7.43	7.5	8.50	8.49	8.47	8.5	9.63	9.62	9.61	9.7	10.89	10.89	10.87	10.9	12.38	12.37	12.35	12.4
	Hi PR	254	255	257	261.1	293	295	296	300.7	335	336	338	342.2	380	381	382	386.9	428	429	431	435.0	479	480	482	486.4
	Lo PR	128	130	133	138.5	136	138	141	146.2	143	144	148	152.9	148	150	153	158.5	154	156	159	164.1	161	163	166	171.1
	MBh	31.7	32.2	33.1	34.5	31.5	31.9	32.8	34.2	30.7	31.1	32.0	33.4	29.3	29.7	30.6	32.0	27.6	28.1	29.0	30.4	26.1	26.6	27.5	28.8
1200	S/T	1.00	0.87	0.74	0.6	1.00	0.88	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	1.00	0.7
	ΔT	25.45	23.61	20.18	16.6	25.40	23.56	20.12	16.6	25.66	23.82	20.38	16.8	25.38	23.54	20.11	16.5	25.13	23.29	19.86	16.3	26.28	24.45	21.01	17.5
	kW	1785	1784	1780	1796	2001	1999	1995	2012	2241	2240	2236	2253	2502	2500	2496	2513	2793	2791	2787	2804	3134	3132	3129	3145
	Amps	6.58	6.57	6.55	6.6	7.51	7.51	7.49	7.6	8.56	8.55	8.54	8.6	9.69	9.68	9.67	9.7	10.96	10.95	10.93	11.0	12.44	12.43	12.42	12.5
	Hi PR	257	258	260	264.4	297	298	300	304.0	338	339	341	345.5	383	384	386	390.2	431	432	434	438.4	483	484	485	489.8
	Lo PR	132	133	137	141.9	139	141	144	149.6	146	148	151	156.3	152	153	157	162.0	157	159	162	167.5	164	166	169	174.5

800	MBh	30.8	31.3	32.2	33.6	30.6	31.0	31.9	33.3	29.8	30.2	31.1	32.5	28.4	28.8	29.7	31.1	26.7	27.2	28.1	29.5	25.2	25.6	26.6	27.9
	S/T	1.00	0.82	0.68	0.5	1.00	1.00	0.69	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	1.00	0.7
	ΔT	32.41	30.57	27.13	23.6	32.36	30.52	27.08	23.5	32.62	30.78	27.34	23.8	32.34	30.50	27.07	23.5	32.09	30.25	26.82	23.3	33.24	31.40	27.97	24.4
	kW	1756	1754	1750	1767	1971	1970	1966	1982	2212	2210	2207	2223	2472	2471	2467	2483	2763	2762	2758	2774	3105	3103	3099	3116
	Amps	6.45	6.44	6.43	6.5	7.39	7.38	7.36	7.4	8.43	8.42	8.41	8.5	9.56	9.56	9.54	9.6	10.83	10.82	10.81	10.9	12.31	12.31	12.29	12.4
1000	Hi PR	252	253	254	258.7	291	292	294	298.3	333	334	335	339.8	377	378	380	384.5	425	427	428	432.7	477	478	480	484.1
	Lo PR	127	129	132	137.5	135	137	140	145.1	142	143	146	151.8	147	149	152	157.5	153	155	158	163.1	160	161	165	170.1
	MBh	31.4	31.9	32.8	34.2	31.2	31.6	32.5	33.9	30.4	30.8	31.7	33.1	29.0	29.4	30.3	31.7	27.3	27.8	28.7	30.1	25.8	26.3	27.2	28.5
	S/T	1.00	0.93	0.79	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
	ΔT	30.50	28.66	25.23	21.7	30.45	28.61	25.18	21.6	30.71	28.87	25.44	21.9	30.43	28.59	25.16	21.6	30.19	28.35	24.91	21.4	31.34	29.50	26.06	22.5
1200	kW	1775	1773	1770	1786	1991	1989	1985	2002	2231	2229	2226	2242	2492	2490	2486	2503	2782	2781	2777	2794	3124	3122	3118	3135
	Amps	6.53	6.52	6.51	6.6	7.47	7.46	7.45	7.5	8.52	8.51	8.49	8.6	9.65	9.64	9.62	9.7	10.91	10.90	10.89	11.0	12.40	12.39	12.37	12.4
	Hi PR	255	256	258	262.2	295	296	297	301.9	336	337	339	343.4	381	382	384	388.0	429	430	432	436.2	480	481	483	487.6
	Lo PR	130	132	135	140.4	138	139	143	148.0	145	146	149	154.8	150	152	155	160.4	156	157	161	166.0	163	164	168	173.0
	MBh	32.3	32.7	33.6	35.0	32.0	32.4	33.3	34.7	31.2	31.6	32.5	33.9	29.8	30.3	31.2	32.5	28.2	28.6	29.5	30.9	26.6	27.1	28.0	29.4
1200	S/T	1.00	0.97	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.87	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
	ΔT	29.06	27.22	23.79	20.2	29.01	27.17	23.74	20.2	29.27	27.43	23.99	20.4	28.99	27.15	23.72	20.2	28.74	26.90	23.47	19.9	29.90	28.06	24.62	21.1
	kW	1789	1788	1784	1801	2005	2003	2000	2016	2246	2244	2240	2257	2506	2504	2501	2517	2797	2795	2792	2808	3138	3137	3133	3149
	Amps	6.59	6.59	6.57	6.6	7.53	7.52	7.51	7.6	8.58	8.57	8.55	8.6	9.71	9.70	9.69	9.8	10.97	10.97	10.95	11.0	12.46	12.45	12.44	12.5
	Hi PR	258	259	261	265.6	298	299	301	305.2	339	341	342	346.7	384	385	387	391.4	432	433	435	439.5	484	485	487	491.0
	Lo PR	134	135	138	143.8	141	143	146	151.5	148	150	153	158.2	154	155	158	163.8	159	161	164	169.4	166	168	171	176.4

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***31 HIGH STAGE

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																			
				65°F						75°F						85°F						95°F						105°F						115°F					
				ENTERING INDOOR WET BULB TEMPERATURE																																			
70	1000	MBh	41.9	42.5	43.8	-	41.6	42.1	43.4	-	40.5	41.0	42.3	-	38.6	39.2	40.4	-	36.2	36.8	38.1	-	34.1	34.7	36.0	-													
		S/T	0.53	0.46	0.33	-	0.54	0.46	0.33	-	0.56	0.49	0.36	-	0.58	0.50	0.38	-	1.00	0.53	0.40	-	1.00	0.58	0.45	-													
		ΔT	21.43	19.53	15.97	-	21.38	19.47	15.92	-	21.65	19.74	16.18	-	21.36	19.45	15.90	-	21.11	19.20	15.64	-	22.30	20.39	16.83	-													
		kW	2.785	2.783	2.777	-	3.128	3.125	3.119	-	3.511	3.508	3.502	-	3.924	3.922	3.916	-	4.387	4.384	4.378	-	4.930	4.927	4.921	-													
		Amps	10.23	10.21	10.19	-	11.72	11.70	11.68	-	13.38	13.37	13.34	-	15.18	15.17	15.14	-	17.19	17.18	17.15	-	19.55	19.54	19.51	-													
		Hi PR	261	262	264	-	303	304	306	-	346	347	349	-	393	394	396	-	443	444	446	-	497	498	500	-													
75	1250	Lo PR	121	123	126	-	129	130	134	-	135	137	140	-	141	142	146	-	146	148	151	-	153	155	158	-													
		MBh	42.8	43.4	44.6	-	42.4	43.0	44.3	-	41.3	41.9	43.2	-	39.4	40.0	41.3	-	37.1	37.7	38.9	-	35.0	35.6	36.8	-													
		S/T	0.64	0.56	0.43	-	0.64	0.57	0.44	-	0.66	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-													
		ΔT	19.46	17.55	13.99	-	19.40	17.50	13.94	-	19.67	17.77	14.21	-	19.38	17.48	13.92	-	19.13	17.22	13.67	-	20.32	18.42	14.86	-													
		kW	2.816	2.813	2.807	-	3.159	3.156	3.150	-	3.541	3.538	3.532	-	3.955	3.952	3.946	-	4.418	4.415	4.409	-	4.960	4.957	4.952	-													
		Amps	10.36	10.35	10.32	-	11.85	11.84	11.81	-	13.51	13.50	13.47	-	15.31	15.30	15.27	-	17.32	17.31	17.28	-	19.68	19.67	19.64	-													
1500	1500	Hi PR	265	266	268	-	306	307	309	-	350	351	353	-	396	398	399	-	447	448	450	-	501	502	504	-													
		Lo PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	158	161	-													
		MBh	43.9	44.5	45.8	-	43.5	44.1	45.4	-	42.4	43.0	44.3	-	40.5	41.1	42.4	-	38.2	38.8	40.1	-	36.1	36.7	38.0	-													
		S/T	0.68	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-													
		ΔT	17.96	16.06	12.50	-	17.91	16.00	12.45	-	18.18	16.27	12.71	-	17.89	15.98	12.43	-	17.64	15.73	12.17	-	18.83	16.92	13.36	-													
		kW	2.839	2.836	2.830	-	3.181	3.179	3.173	-	3.564	3.561	3.555	-	3.978	3.975	3.969	-	4.440	4.438	4.432	-	4.983	4.980	4.975	-													
75	1000	Amps	10.46	10.45	10.42	-	11.95	11.94	11.91	-	13.61	13.60	13.57	-	15.41	15.40	15.37	-	17.42	17.41	17.38	-	19.78	19.77	19.74	-													
		Hi PR	268	269	271	-	310	311	313	-	353	354	356	-	400	401	403	-	450	451	453	-	504	505	507	-													
		Lo PR	128	129	132	-	135	137	140	-	142	143	146	-	147	149	152	-	153	154	157	-	159	161	164	-													
		MBh	42.0	42.6	43.8	45.7	41.6	42.2	43.4	45.4	40.5	41.1	42.3	44.3	38.6	39.2	40.4	42.4	36.3	36.9	38.1	40.0	34.1	34.7	36.0	37.9													
		S/T	0.65	0.58	0.45	0.3	0.66	0.59	0.46	0.3	1.00	0.61	0.48	0.3	1.00	0.63	0.50	0.4	1.00	0.65	0.52	0.4	1.00	1.00	0.57	0.4													
		ΔT	25.62	23.72	20.16	16.5	25.57	23.66	20.11	16.4	25.84	23.93	20.37	16.7	25.55	23.64	20.09	16.4	25.30	23.39	19.83	16.1	26.49	24.58	21.02	17.3													
75	1250	kW	2.783	2.780	2.775	2.801	3.126	3.123	3.117	3.143	3.508	3.506	3.500	3.526	3.922	3.920	3.914	3.940	4.385	4.382	4.376	4.402	4.927	4.925	4.919	4.945													
		Amps	10.22	10.20	10.18	10.3	11.71	11.69	11.67	11.8	13.37	13.36	13.33	13.4	15.17	15.16	15.13	15.2	17.18	17.17	17.14	17.3	19.54	19.53	19.50	19.6													
		Hi PR	261	262	264	268.9	303	304	306	310.4	346	347	349	353.8	393	394	396	400.5	443	444	446	450.9	497	498	500	504.7													
		Lo PR	121	123	126	131.3	129	130	134	138.8	135	137	140	145.3	141	143	146	150.8	146	148	151	156.3	153	155	158	163.0													
		MBh	42.8	43.4	44.7	46.6	42.4	43.0	44.3	46.2	41.3	41.9	43.2	45.1	39.4	40.0	41.3	43.2	37.1	37.7	39.0	40.9	35.0	35.6	36.8	38.8													
		S/T	0.76	0.69	0.56	0.4	0.76	0.69	0.56	0.4	1.00	0.72	0.59	0.4	1.00	0.73	0.60	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.67	0.5													
75	1500	ΔT	23.65	21.74	18.18	14.5	23.59	21.69	18.13	14.4	23.86	21.96	18.40	14.7	23.58	21.67	18.11	14.4	23.32	21.41	17.86	14.2	24.51	22.61	19.05	15.4													
		kW	2.814	2.811	2.805	2.831	3.156	3.154	3.148	3.174	3.539	3.536	3.530	3.556	3.953	3.950	3.944	3.970	4.415	4.413	4.407	4.433	4.958	4.955	4.949	4.976													
		Amps	10.35	10.34	10.31	10.4	11.84	11.83	11.80	11.9	13.50	13.49	13.46	13.6	15.30	15.29	15.26	15.4	17.31	17.30	17.27	17.4	19.67	19.66	19.63	19.7													
		Hi PR	265	266	268	272.6	306	308	309	314.0	350	351	353	357.4	397	398	400	404.2	447	448	450	454.6	501	502	504	508.3													
		Lo PR	124	126	129	134.2	132	133	136	141.6	138	140	143	148.2	144	145	148	153.7	149	151	154	159.1	156	158	161	165.9													
		MBh	43.9	44.5	45.8	47.7	43.6	44.1	45.4	47.3	42.4	43.0	44.3	46.2	40.6	41.1	42.4	44.3	38.2	38.8	40.1	42.0	36.1	36.7	38.0	39.9													
75	1500	S/T	0.80	0.73	0.60	0.5	1.00	0.73	0.60	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	0.80	0.67	0.5	1.00	1.00	0.72	0.6													
		ΔT	22.15	20.25	16.69	13.0	22.10	20.19	16.64	12.9	22.37	20.46	16.90	13.2	22.08	20.17	16.62	12.9	21.83	19.92	16.36	12.7	23.02	21.11	17.55	13.9													
		kW	2.837	2.834	2.828	2.854	3.179	3.177	3.171	3.197	3.562	3.559	3.553	3.579	3.976	3.973	3.967	3.993	4.438	4.436	4.430	4.456	4.981	4.978	4.972	4.999													
		Amps	10.45	10.44	10.41	10.5	11.94	11.93	11.90	12.0	13.60	13.59	13.56	13.7	15.40	15.39	15.36	15.5	17.41	17.40	17.37	17.5	19.77	19.76	19.73	19.8													
		Hi PR	269	270	272	276.1	310	311	313	317.5	353	354	356	360.9	400	401	403	407.7	450	452	453	458.1	504	505	507	511.8													
		Lo PR	128	129	132	137.5	135	137	140	145.0	142	143	146	151.5	147	149	152	157.0	153	154	157	162.4	159	161	164	169.2													

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***31 HIGH STAGE (CONT.)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																															
				65°F								75°F								85°F								95°F								105°F								115°F							
				ENTERING INDOOR WET BULB TEMPERATURE																																															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																		
80	1000	MBh	42.2	42.8	44.0	46.0	41.8	42.4	43.7	45.6	40.7	41.3	42.6	44.5	38.8	39.4	40.7	42.6	36.5	37.1	38.3	40.3	34.4	35.0	36.2	38.1	34.4	35.0	36.2	38.1	34.4	35.0	36.2	38.1																	
		S/T	0.77	0.70	0.57	0.4	1.00	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	1.00	0.64	0.5	1.00	1.00	0.69	0.6	1.00	1.00	0.69	0.6	1.00	1.00	0.69	0.6																	
		ΔT	29.84	27.94	24.38	20.7	29.79	27.88	24.32	20.6	30.06	28.15	24.59	20.9	29.77	27.86	24.31	20.6	29.51	27.61	24.05	20.4	30.71	28.80	25.24	21.6	30.71	28.80	25.24	21.6	30.71	28.80	25.24	21.6																	
		kW	2.785	2.782	2.776	2.803	3.128	3.125	3.119	3.145	3.510	3.507	3.502	3.528	3.924	3.921	3.915	3.942	4.387	4.384	4.378	4.404	4.929	4.926	4.921	4.947	4.929	4.926	4.921	4.947	4.929	4.926	4.921	4.947																	
	Amps	10.22	10.21	10.19	10.3	11.71	11.70	11.68	11.8	13.38	13.36	13.34	13.5	15.18	15.16	15.14	15.3	17.19	17.18	17.15	17.3	19.55	19.53	19.51	19.6	19.55	19.53	19.51	19.6	19.55	19.53	19.51	19.6																		
	Hi PR	262	263	265	269.4	303	304	306	310.8	347	348	350	354.2	393	395	396	401.0	444	445	447	451.4	498	499	501	505.2	498	499	501	505.2	498	499	501	505.2																		
	Lo PR	122	124	127	131.9	129	131	134	139.3	136	138	141	145.9	142	143	146	151.4	147	148	152	156.8	154	155	158	163.6	154	155	158	163.6	154	155	158	163.6																		
	1250	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	37.1	39.0	35.2	35.8	37.1	39.0	35.2	35.8	37.1	39.0																	
S/T		1.00	0.81	0.68	0.5	1.00	0.81	0.68	0.5	1.00	0.83	0.71	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.79	0.7	1.00	1.00	0.79	0.7																		
ΔT		27.87	25.96	22.40	18.7	27.81	25.91	22.35	18.7	28.08	26.18	22.62	18.9	27.79	25.89	22.33	18.6	27.54	25.63	22.08	18.4	28.73	26.83	23.27	19.6	28.73	26.83	23.27	19.6	28.73	26.83	23.27	19.6																		
kW		2.815	2.813	2.807	2.833	3.158	3.155	3.150	3.176	3.541	3.538	3.532	3.558	3.955	3.952	3.946	3.972	4.417	4.414	4.409	4.435	4.960	4.957	4.951	4.977	4.960	4.957	4.951	4.977	4.960	4.957	4.951	4.977																		
1500	Amps	10.36	10.34	10.32	10.4	11.85	11.83	11.81	11.9	13.51	13.50	13.47	13.6	15.31	15.30	15.27	15.4	17.32	17.31	17.28	17.4	19.68	19.67	19.64	19.8	19.68	19.67	19.64	19.8	19.68	19.67	19.64	19.8																		
	Hi PR	266	267	269	273.1	307	308	310	314.5	350	351	353	357.9	397	398	400	404.7	447	449	450	455.1	501	502	504	508.8	501	502	504	508.8	501	502	504	508.8																		
	Lo PR	125	126	130	134.7	132	134	137	142.2	139	140	143	148.7	144	146	149	154.2	150	151	154	159.6	157	158	161	166.4	157	158	161	166.4	157	158	161	166.4																		
	MBh	44.1	44.7	46.0	47.9	43.8	44.4	45.6	47.6	42.7	43.3	44.5	46.5	40.8	41.4	42.6	44.6	38.5	39.0	40.3	42.2	36.3	36.9	38.2	40.1	36.3	36.9	38.2	40.1	36.3	36.9	38.2	40.1																		
85	1000	S/T	1.00	0.85	0.72	0.6	1.00	0.85	0.72	0.6	1.00	0.88	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7																	
		ΔT	26.37	24.47	20.91	17.2	26.32	24.41	20.85	17.2	26.59	24.68	21.12	17.4	26.30	24.39	20.84	17.1	26.04	24.14	20.58	16.9	27.24	25.33	21.77	18.1	27.24	25.33	21.77	18.1	27.24	25.33	21.77	18.1																	
		kW	2.838	2.836	2.830	2.856	3.181	3.178	3.172	3.199	3.564	3.561	3.555	3.581	3.978	3.975	3.969	3.995	4.440	4.437	4.431	4.458	4.983	4.980	4.974	5.000	4.983	4.980	4.974	5.000	4.983	4.980	4.974	5.000																	
		Amps	10.46	10.44	10.42	10.5	11.95	11.93	11.91	12.0	13.61	13.60	13.57	13.7	15.41	15.40	15.37	15.5	17.42	17.41	17.38	17.5	19.78	19.77	19.74	19.9	19.78	19.77	19.74	19.9	19.78	19.77	19.74	19.9																	
	1250	Hi PR	269	270	272	276.6	310	312	313	318.0	354	355	357	361.4	401	402	404	408.1	451	452	454	458.5	505	506	508	512.3	505	506	508	512.3	505	506	508	512.3																	
		Lo PR	128	130	133	138.0	136	137	140	145.5	142	144	147	152.0	148	149	152	157.5	153	155	158	163.0	160	161	165	169.7	160	161	165	169.7	160	161	165	169.7																	
		MBh	42.9	43.5	44.7	46.7	42.5	43.1	44.4	46.3	41.4	42.0	43.3	45.2	39.5	40.1	41.4	43.3	37.2	37.8	39.0	41.0	35.1	35.7	36.9	38.9	35.1	35.7	36.9	38.9	35.1	35.7	36.9	38.9																	
		S/T	1.00	0.80	0.67	0.5	1.00	0.80	0.67	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.71	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.84	0.6	1.00	1.00	0.84	0.6	1.00	1.00	0.84	0.6																	
1500	ΔT	31.61	29.70	26.14	22.5	31.56	29.65	26.09	22.4	31.82	29.92	26.36	22.7	31.54	29.63	26.07	22.4	31.28	29.38	25.82	22.1	32.47	30.57	27.01	23.3	32.47	30.57	27.01	23.3	32.47	30.57	27.01	23.3																		
	kW	2.822	2.819	2.813	2.840	3.165	3.162	3.156	3.182	3.547	3.544	3.539	3.565	3.961	3.958	3.953	3.979	4.424	4.421	4.415	4.441	4.966	4.964	4.958	4.984	4.966	4.964	4.958	4.984	4.966	4.964	4.958	4.984																		
	Amps	10.38	10.37	10.35	10.5	11.87	11.86	11.84	12.0	13.54	13.53	13.50	13.6	15.34	15.33	15.30	15.4	17.35	17.34	17.31	17.4	19.71	19.70	19.67	19.8	19.71	19.70	19.67	19.8	19.71	19.70	19.67	19.8																		
	Hi PR	267	268	270	274.3	308	309	311	315.7	352	353	355	359.2	398	399	401	405.9	449	450	452	456.3	503	504	505	510.1	503	504	505	510.1	503	504	505	510.1																		
Lo PR	127	128	131	136.6	134	136	139	144.0	141	142	145	150.5	146	148	151	156.1	152	153	156	161.5	158	160	163	168.3	158	160	163	168.3	158	160	163	168.3																			
85	1000	MBh	43.7	44.3	45.6	47.5	43.4	43.9	45.2	47.1	42.3	42.8	44.1	46.0	40.4	40.9	42.2	44.1	38.0	38.6	39.9	41.8	35.9	36.5	37.8	39.7	35.9	36.5	37.8	39.7	35.9	36.5	37.8	39.7																	
		S/T	1.00	0.90	0.77	0.6	1.00	0.90	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7																	
		ΔT	31.61	29.70	26.14	22.5	31.56	29.65	26.09	22.4	31.82	29.92	26.36	22.7	31.54	29.63	26.07	22.4	31.28	29.38	25.82	22.1	32.47	30.57	27.01	23.3	32.47	30.57	27.01	23.3	32.47	30.57	27.01	23.3																	
		kW	2.822	2.819	2.813	2.840	3.165	3.162	3.156	3.182	3.547	3.544	3.539	3.565	3.961	3.958	3.953	3.979	4.424	4.421	4.415	4.441	4.966	4.964	4.958	4.984	4.966	4.964	4.958	4.984	4.966	4.964	4.958	4.984																	
	1250	Amps	10.38	10.37	10.35	10.5	11.87	11.86	11.84	12.0	13.54	13.53	13.50	13.6	15.34	15.33	15.30	15.4	17.35	17.34	17.31	17.4	19.71	19.70	19.67	19.8	19.71	19.70	19.67	19.8	19.71	19.70	19.67	19.8																	
		Hi PR	267	268	270	274.3	308	309	311	315.7	352	353	355	359.2	398	399	401	405.9	449	450	452	456.3	503	504	505	510.1	503	504	505	510.1	503	504	505	510.1																	
		Lo PR	127	128	131	136.6	134	136	139	144.0	141	142	145	150.5	146	148	151	156.1	152	153	156	161.5	158	160	163	168.3	158	160	163	168																					

EXPANDED COOLING DATA — DP5GM48***31 LOW STAGE

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																															
				65°F								75°F								85°F								95°F								105°F								115°F							
				ENTERING INDOOR WET BULB TEMPERATURE																																															
59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																				
800	MBh	33.5	34.0	35.0	-	33.2	33.7	34.7	-	32.4	32.8	33.8	-	30.9	31.3	32.3	-	29.0	29.5	30.5	-	27.3	27.8	28.8	-																										
	S/T	0.56	0.49	0.36	-	0.57	0.49	0.36	-	0.59	0.52	0.39	-	1.00	0.54	0.41	-	1.00	0.56	0.43	-	1.00	0.61	0.48	-																										
	ΔT	21.38	19.43	15.80	-	21.32	19.38	15.75	-	21.60	19.65	16.02	-	21.30	19.36	15.73	-	21.04	19.10	15.47	-	22.26	20.32	16.69	-																										
	kW	1944	1942	1938	-	2184	2182	2178	-	2451	2450	2446	-	2741	2739	2735	-	3065	3063	3059	-	3445	3443	3439	-																										
	Amps	7.12	7.11	7.09	-	8.16	8.15	8.14	-	9.33	9.32	9.30	-	10.59	10.58	10.56	-	12.00	11.99	11.97	-	13.65	13.64	13.62	-																										
	Hi PR	257	258	259	-	297	298	300	-	340	341	343	-	385	387	388	-	435	436	438	-	487	489	490	-																										
950	Lo PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-																										
	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	0.64	0.57	0.44	-	0.64	0.57	0.44	-	0.67	0.60	0.47	-	1.00	0.61	0.48	-	1.00	0.64	0.51	-	1.00	0.68	0.55	-																										
	ΔT	19.85	17.90	14.27	-	19.80	17.85	14.22	-	20.07	18.12	14.49	-	19.78	17.83	14.20	-	19.52	17.57	13.94	-	20.73	18.79	15.16	-																										
	kW	1960	1958	1954	-	2200	2198	2194	-	2468	2466	2462	-	2758	2756	2752	-	3081	3080	3075	-	3461	3460	3455	-																										
	Amps	7.19	7.18	7.16	-	8.23	8.22	8.21	-	9.40	9.39	9.37	-	10.66	10.65	10.63	-	12.07	12.06	12.04	-	13.72	13.71	13.69	-																										
1100	Hi PR	259	260	262	-	300	301	303	-	342	344	345	-	388	389	391	-	438	439	441	-	490	491	493	-																										
	Lo PR	126	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	152	153	156	-	159	160	163	-																										
	MBh	34.8	35.3	36.3	-	34.5	35.0	36.0	-	33.6	34.1	35.1	-	32.1	32.6	33.6	-	30.2	30.7	31.7	-	28.6	29.0	30.0	-																										
	S/T	0.68	0.60	0.47	-	0.68	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-																										
	ΔT	18.62	16.68	13.05	-	18.57	16.62	12.99	-	18.84	16.90	13.27	-	18.55	16.60	12.97	-	18.29	16.34	12.71	-	19.50	17.56	13.93	-																										
	kW	1973	1971	1967	-	2213	2211	2207	-	2481	2479	2475	-	2771	2769	2765	-	3094	3093	3088	-	3474	3472	3468	-																										
75	Amps	7.25	7.24	7.22	-	8.29	8.28	8.26	-	9.45	9.45	9.43	-	10.71	10.71	10.69	-	12.12	12.11	12.10	-	13.77	13.77	13.75	-																										
	Hi PR	262	263	265	-	303	304	306	-	345	346	348	-	391	392	394	-	440	441	443	-	493	494	496	-																										
	Lo PR	129	131	134	-	137	138	141	-	143	145	148	-	149	150	154	-	154	156	159	-	161	163	166	-																										
	800	MBh	33.6	34.0	35.0	36.6	33.3	33.7	34.7	36.3	32.4	32.9	33.9	35.4	30.9	31.3	32.4	33.9	29.0	29.5	30.5	32.0	27.3	27.8	28.8	30.4																									
		S/T	0.68	0.61	0.48	0.3	0.69	0.62	0.49	0.4	1.00	0.64	0.51	0.4	1.00	0.66	0.53	0.4	1.00	0.68	0.55	0.4	1.00	1.00	0.60	0.5																									
		ΔT	25.65	23.71	20.08	16.3	25.60	23.65	20.02	16.3	25.87	23.93	20.30	16.5	25.58	23.63	20.00	16.2	25.32	23.37	19.74	16.0	26.54	24.59	20.96	17.2																									
kW		1942	1940	1936	1954	2182	2180	2176	2194	2450	2448	2444	2462	2740	2738	2734	2752	3064	3062	3058	3076	3444	3442	3438	3456																										
Amps		7.11	7.10	7.09	7.2	8.16	8.15	8.13	8.2	9.32	9.31	9.29	9.4	10.58	10.57	10.55	10.6	11.99	11.98	11.96	12.0	13.64	13.63	13.61	13.7																										
Hi PR		257	258	260	264.2	297	298	300	304.8	340	341	343	347.3	386	387	389	393.1	435	436	438	442.4	488	489	491	495.1																										
950	Lo PR	124	126	129	134.2	132	133	136	141.7	138	140	143	148.4	144	146	149	154.0	149	151	154	159.5	156	158	161	166.4																										
	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	0.76	0.69	0.56	0.4	1.00	0.70	0.57	0.4	1.00	0.72	0.59	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.68	0.5																										
	ΔT	24.12	22.18	18.55	14.8	24.07	22.13	18.50	14.7	24.34	22.40	18.77	15.0	24.05	22.11	18.48	14.7	23.79	21.85	18.22	14.5	25.01	23.06	19.43	15.7																										
	kW	1958	1956	1952	1971	2198	2196	2192	2211	2466	2464	2460	2478	2756	2754	2750	2768	3080	3078	3074	3092	3460	3458	3454	3472																										
	Amps	7.18	7.17	7.16	7.2	8.23	8.22	8.20	8.3	9.39	9.38	9.36	9.4	10.65	10.64	10.62	10.7	12.06	12.05	12.03	12.1	13.71	13.70	13.68	13.8																										
1100	Hi PR	260	261	263	267.0	300	301	303	307.6	343	344	346	350.1	388	390	391	395.9	438	439	441	445.2	491	492	493	497.9																										
	Lo PR	126	128	131	136.4	134	136	139	144.0	141	142	145	150.7	146	148	151	156.3	152	153	156	161.8	159	160	163	168.7																										
	MBh	34.8	35.3	36.3	37.8	34.5	35.0	36.0	37.5	33.6	34.1	35.1	36.6	32.1	32.6	33.6	35.1	30.3	30.7	31.7	33.3	28.6	29.0	30.1	31.6																										
	S/T	0.80	0.73	0.60	0.5	1.00	0.73	0.60	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.67	0.5	1.00	1.00	0.72	0.6																										
	ΔT	22.89	20.95	17.32	13.6	22.84	20.90	17.27	13.5	23.11	21.17	17.54	13.8	22.82	20.88	17.25	13.5	22.56	20.62	16.99	13.2	23.78	21.83	18.20	14.4																										
	kW	1971	1969	1965	1984	2211	2209	2205	2224	2479	2477	2473	2491	2769	2767	2763	2781	3093	3091	3087	3105	3473	3471	3467	3485																										
75	Amps	7.24	7.23	7.21	7.3	8.28	8.27	8.26	8.3	9.45	9.44	9.42	9.5	10.71	10.70	10.68	10.8	12.12	12.11	12.09	12.2	13.77	13.76	13.74	13.8																										
	Hi PR	262	263	265	269.7	303	304	306	310.3	345	346	348	352.8	391	392	394	398.6	441	442	443	447.9	493	494	496	500.6																										
	Lo PR	129	131	134	139.1	137	138	141	146.6	143	145	148	153.3	149	150	154	158.9	154	156	159	164.4	161	163	166	171.3																										

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***31 LOW STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	MBh	33.7	34.2	35.2	36.8	33.4	33.9	34.9	36.5	32.6	33.0	34.0	35.6	31.0	31.5	32.5	34.1	29.2	29.7	30.7	32.2	27.5	28.0	29.0	30.5												
	S/T	1.00	0.73	0.60	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.65	0.5	1.00	1.00	0.67	0.5	1.00	1.00	0.72	0.6												
	ΔT	29.95	28.01	24.38	20.6	29.90	27.96	24.33	20.6	30.17	28.23	24.60	20.8	29.88	27.94	24.31	20.5	29.62	27.68	24.05	20.3	30.84	28.89	25.26	21.5												
	kW	1943	1941	1937	1956	2183	2181	2177	2196	2451	2449	2445	2464	2741	2739	2735	2753	3065	3063	3059	3077	3445	3443	3439	3457												
	Amps	7.12	7.11	7.09	7.2	8.16	8.15	8.13	8.2	9.33	9.32	9.30	9.4	10.59	10.58	10.56	10.6	11.99	11.99	11.97	12.0	13.65	13.64	13.62	13.7												
	Hi PR	257	258	260	264.7	298	299	301	305.3	340	341	343	347.8	386	387	389	393.6	436	437	438	442.9	488	489	491	495.6												
	Lo PR	125	126	129	134.7	132	134	137	142.3	139	140	144	148.9	145	146	149	154.5	150	152	155	160.0	157	158	162	166.9												
950	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	0.81	0.68	0.5	1.00	0.82	0.69	0.5	1.00	0.84	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.7												
	ΔT	28.43	26.48	22.85	19.1	28.37	26.43	22.80	19.0	28.65	26.70	23.07	19.3	28.35	26.41	22.78	19.0	28.09	26.15	22.52	18.8	29.31	27.37	23.74	20.0												
	kW	1960	1958	1954	1972	2200	2198	2194	2212	2467	2466	2461	2480	2757	2755	2751	2770	3081	3079	3075	3094	3461	3459	3455	3473												
	Amps	7.19	7.18	7.16	7.2	8.23	8.22	8.21	8.3	9.40	9.39	9.37	9.4	10.66	10.65	10.63	10.7	12.06	12.06	12.04	12.1	13.72	13.71	13.69	13.8												
	Hi PR	260	261	263	267.5	301	302	304	308.1	343	344	346	350.6	389	390	392	396.3	438	439	441	445.7	491	492	494	498.4												
	Lo PR	127	129	132	137.0	135	136	139	144.6	141	143	146	151.2	147	148	152	156.8	152	154	157	162.3	159	161	164	169.2												
1100	MBh	35.0	35.4	36.5	38.0	34.7	35.1	36.2	37.7	33.8	34.3	35.3	36.8	32.3	32.8	33.8	35.3	30.4	30.9	31.9	33.4	28.7	29.2	30.2	31.8												
	S/T	1.00	0.85	0.72	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.84	0.7												
	ΔT	27.20	25.25	21.62	17.9	27.15	25.20	21.57	17.8	27.42	25.47	21.84	18.1	27.13	25.18	21.55	17.8	26.87	24.92	21.29	17.5	28.08	26.14	22.51	18.7												
	kW	1973	1971	1967	1985	2212	2211	2206	2225	2480	2478	2474	2493	2770	2768	2764	2783	3094	3092	3088	3106	3474	3472	3468	3486												
	Amps	7.24	7.24	7.22	7.3	8.29	8.28	8.26	8.3	9.45	9.44	9.43	9.5	10.71	10.70	10.69	10.8	12.12	12.11	12.09	12.2	13.77	13.76	13.75	13.8												
	Hi PR	263	264	266	270.2	303	304	306	310.7	346	347	349	353.3	392	393	395	399.0	441	442	444	448.4	494	495	497	501.1												
	Lo PR	130	131	134	139.6	137	139	142	147.2	144	145	149	153.8	149	151	154	159.4	155	156	160	164.9	162	163	167	171.8												

85	800	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	29.8	30.2	31.2	32.8	28.1	28.6	29.6	31.1
		S/T	1.00	0.83	0.70	0.6	1.00	1.00	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	1.00	0.7
		ΔT	33.77	31.83	28.20	24.4	33.72	31.77	28.14	24.4	33.99	32.05	28.42	24.7	33.70	31.75	28.12	24.4	33.44	31.49	27.86	24.1	34.66	32.71	29.08	25.3
		kW	1948	1946	1942	1960	2188	2186	2182	2200	2456	2454	2450	2468	2746	2744	2740	2758	3070	3068	3064	3082	3450	3448	3444	3462
		Amps	7.14	7.13	7.11	7.2	8.18	8.17	8.15	8.2	9.35	9.34	9.32	9.4	10.61	10.60	10.58	10.7	12.01	12.01	11.99	12.1	13.67	13.66	13.64	13.7
	Hi PR	258	260	261	265.9	299	300	302	306.5	342	343	345	349.0	387	388	390	394.8	437	438	440	444.1	489	491	492	496.8	
	Lo PR	127	128	131	136.6	134	136	139	144.1	141	142	145	150.8	146	148	151	156.4	152	153	157	161.9	159	160	163	168.8	
	950	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	0.91	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	32.24	30.30	26.67	22.9	32.19	30.25	26.62	22.9	32.46	30.52	26.89	23.1	32.17	30.23	26.60	22.8	31.91	29.97	26.34	22.6	33.13	31.18	27.55	23.8
kW		1964	1962	1958	1977	2204	2202	2198	2216	2472	2470	2466	2484	2762	2760	2756	2774	3086	3084	3080	3098	3466	3464	3460	3478	
Amps		7.21	7.20	7.18	7.3	8.25	8.24	8.23	8.3	9.42	9.41	9.39	9.5	10.68	10.67	10.65	10.7	12.08	12.08	12.06	12.1	13.74	13.73	13.71	13.8	
1100	Hi PR	261	262	264	268.7	302	303	305	309.3	344	345	347	351.8	390	391	393	397.6	440	441	442	446.9	492	493	495	499.6	
	Lo PR	129	130	134	138.9	136	138	141	146.4	143	145	148	153.1	149	150	153	158.7	154	156	159	164.2	161	163	166	171.1	
	MbH	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.4	34.8	35.8	37.4	32.8	33.3	34.3	35.9	31.0	31.5	32.5	34.0	29.3	29.8	30.8	32.3	
	S/T	1.00	0.94	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	
	ΔT	31.02	29.07	25.44	21.7	30.96	29.02	25.39	21.6	31.24	29.29	25.66	21.9	30.94	29.00	25.37	21.6	30.68	28.74	25.11	21.3	31.90	29.96	26.33	22.6	

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

EXPANDED COOLING DATA — DP5GM48***31 HIGH STAGE

IDB		OUTDOOR AMBIENT TEMPERATURE																		115°F																	
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
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					
1000		46.4	47.0	48.4	-	45.9	46.6	48.0	-	44.7	45.4	46.8	-	42.6	43.3	44.7	-	40.0	40.7	42.1	-	37.7	38.4	39.8	-	35.7	36.4	37.8	-	33.8	34.5	35.9	-				
	MBh	47.0	48.4	49.5	-	45.9	46.6	48.0	-	44.7	45.4	46.8	-	42.6	43.3	44.7	-	40.0	40.7	42.1	-	37.7	38.4	39.8	-	35.7	36.4	37.8	-	33.8	34.5	35.9	-				
	S/T	0.49	0.42	0.30	-	0.50	0.43	0.30	-	0.52	0.45	0.33	-	0.54	0.47	0.34	-	0.56	0.49	0.36	-	0.58	0.51	0.38	-	0.60	0.53	0.40	-	0.62	0.55	0.42	-				
	ΔT	23.05	21.04	17.28	-	23.00	20.99	17.22	-	23.28	21.27	17.51	-	23.56	21.55	17.79	-	23.84	21.83	18.02	-	24.12	22.11	18.34	-	24.40	22.39	18.63	-	24.68	22.67	18.91	-				
	kW	3075	3072	3066	-	3457	3454	3447	-	3883	3880	3873	-	4344	4341	4334	-	4858	4855	4849	-	5463	5460	5453	-	6077	6074	6067	-	6691	6688	6681	-				
1300	Amps	11.25	11.24	11.21	-	12.91	12.90	12.87	-	14.76	14.75	14.72	-	16.77	16.75	16.73	-	19.01	18.99	18.96	-	21.63	21.62	21.59	-	24.19	24.17	24.15	-	26.93	26.91	26.89	-				
	Hi PR	267	268	270	-	309	311	312	-	354	355	357	-	402	403	405	-	453	454	456	-	508	510	511	-	560	561	563	-	612	613	615	-				
	Lo PR	120	121	124	-	127	129	132	-	134	135	138	-	139	141	144	-	144	146	149	-	151	153	156	-	158	160	163	-	165	167	170	-				
	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	-	35.7	36.4	37.8	-	33.8	34.4	35.8	-				
	S/T	0.62	0.55	0.42	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	0.71	0.64	0.51	-	0.73	0.66	0.53	-	0.75	0.68	0.55	-				
1600	ΔT	20.57	18.55	14.79	-	20.51	18.50	14.74	-	20.80	18.78	15.02	-	20.49	18.48	14.72	-	20.22	18.21	14.45	-	21.48	19.47	15.71	-	22.76	20.75	16.99	-	24.04	22.03	18.27	-				
	kW	3116	3113	3106	-	3497	3494	3488	-	3923	3920	3914	-	4384	4381	4375	-	4899	4896	4889	-	5503	5500	5494	-	6117	6114	6107	-	6741	6738	6731	-				
	Amps	11.43	11.42	11.39	-	13.09	13.08	13.05	-	14.94	14.93	14.90	-	16.94	16.93	16.90	-	19.18	19.17	19.14	-	21.81	21.80	21.77	-	24.54	24.52	24.49	-	27.38	27.36	27.33	-				
	Hi PR	271	272	274	-	314	315	317	-	358	359	361	-	406	407	409	-	458	459	461	-	513	514	516	-	566	567	569	-	618	619	621	-				
	Lo PR	123	124	128	-	130	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	158	160	163	-	165	167	170	-				
75	MBh	48.9	49.6	51.0	-	48.5	49.1	50.5	-	47.3	47.9	49.3	-	45.1	45.8	47.2	-	42.6	43.2	44.6	-	40.2	40.9	42.3	-	37.1	37.8	39.2	-	34.9	35.6	37.0	-				
	S/T	0.66	0.59	0.47	-	0.67	0.60	0.47	-	0.69	0.62	0.50	-	0.71	0.64	0.51	-	0.73	0.66	0.53	-	0.75	0.68	0.55	-	0.77	0.70	0.57	-	0.79	0.72	0.59	-				
	ΔT	18.77	16.75	12.99	-	18.71	16.70	12.94	-	19.00	16.98	13.22	-	18.69	16.68	12.92	-	18.42	16.41	12.65	-	19.69	17.67	13.91	-	20.96	18.94	15.18	-	22.23	20.21	16.45	-				
	kW	3145	3142	3135	-	3526	3523	3517	-	3952	3949	3943	-	4413	4410	4404	-	4928	4925	4918	-	5532	5529	5523	-	6146	6143	6136	-	6770	6767	6760	-				
	Amps	11.56	11.54	11.51	-	13.21	13.20	13.17	-	15.07	15.05	15.02	-	17.07	17.06	17.03	-	19.31	19.30	19.27	-	21.94	21.92	21.89	-	24.78	24.76	24.73	-	27.72	27.69	27.66	-				
1000	Hi PR	275	277	278	-	318	319	321	-	362	364	365	-	410	411	413	-	462	463	465	-	517	518	520	-	569	571	573	-	621	623	625	-				
	Lo PR	127	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	151	153	156	-	158	160	163	-	165	167	170	-	169	171	174	-				
	MBh	46.4	47.0	48.4	50.6	46.0	46.6	48.0	50.2	46.4	47.0	48.4	50.6	46.0	46.6	48.0	50.2	46.4	47.0	48.4	50.6	46.0	46.6	48.0	50.2	46.4	47.0	48.4	50.6	46.0	46.6	48.0	50.2				
	S/T	0.62	0.54	0.42	0.3	0.62	0.55	0.42	0.3	0.62	0.55	0.42	0.3	0.62	0.55	0.42	0.3	0.62	0.55	0.42	0.3	0.62	0.55	0.42	0.3	0.62	0.55	0.42	0.3	0.62	0.55	0.42	0.3				
	ΔT	27.48	25.47	21.71	17.8	27.43	25.41	21.65	17.8	27.71	25.70	21.94	18.0	27.99	25.98	22.22	18.2	28.27	26.26	22.50	18.4	28.55	26.54	22.78	18.6	28.83	26.82	23.02	18.8	29.11	27.10	23.34	19.0				
1300	kW	3073	3070	3063	3093	3454	3451	3445	3474	3880	3877	3871	3900	4341	4338	4332	4361	4856	4853	4846	4876	5460	5457	5451	5480	6077	6074	6067	6107	6741	6738	6731	6770				
	Amps	11.24	11.23	11.20	11.3	12.90	12.89	12.86	13.0	14.75	14.74	14.71	14.8	16.76	16.74	16.72	16.8	19.00	18.98	18.95	19.1	21.62	21.61	21.58	21.7	24.54	24.52	24.49	24.7	27.72	27.69	27.66	28.0				
	Hi PR	267	268	270	274.9	310	311	313	317.3	354	355	357	361.8	402	403	405	409.7	454	455	457	461.3	509	510	512	516.4	566	567	569	573	621	622	624	628				
	Lo PR	120	121	124	129.5	127	129	132	136.9	134	135	138	143.3	139	141	144	148.8	144	146	149	154.2	151	153	156	160.9	165	166	168	172	180	182	186	190				
	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	35.7	36.4	37.8	39.2	34.9	35.6	37.0	39.4				
1600	S/T	0.74	0.67	0.54	0.4	0.75	0.68	0.55	0.4	1.00	0.70	0.57	0.4	1.00	0.72	0.59	0.5	1.00	0.74	0.61	0.5	1.00	1.00	0.66	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.70	0.6				
	ΔT	25.00	22.98	19.22	15.3	24.94	22.93	19.17	15.3	25.23	23.21	19.45	15.6	24.92	22.91	19.15	15.2	24.65	22.64	18.88	15.0	25.91	23.90	20.14	16.2	27.19	25.17	21.41	17.65	13.8	24.12	22.10	18.34	14.4			
	kW	3113	3110	3104	3133	3495	3492	3485	3515	3921	3918	3911	3940	4382	4379	4372	4401	4896	4893	4887	4916	5501	5498	5491	5520	6107	6104	6097	6137	6770	6767	6760	6809				
	Amps	11.42	11.41	11.38	11.5	13.08	13.06	13.04	13.2	14.93	14.92	14.89	15.0	16.93	16.92	16.89	17.0	19.17	19.16	19.13	19.3	21.80	21.78	21.76	21.9	24.78	24.76	24.73	25.0	28.02	27.99	27.96	28.4				
	Hi PR	272	273	275	279.3	314	315	317	321.7	358	360	362	366.2	406	408	409	414.1	458	459	461	465.7	513	514	516	520.8	569	571	573	577	625	626	628	632				
75	Lo PR	123	124	128	132.7	130	132	135	140.1	137	138	141	146.6	142	144	147	152.0	148	149	152	157.4	154	156	159	164.1	169	171	173	177	185	187	191	195				
	MBh	48.9	49.6	51.0	53.1	48.5	49.2	50.6	52.7	47.3	47.9	49.3	51.5	45.2	45.8	47.2	49.4	42.6	43.3	44.7	46.8	40.3	40.9	42.3	44.5	35.7	36.4	37.8	39.2	34.9	35.6	37.0	39.4				
	S/T	0.78	0.71	0.59	0.5	1.00	0.72	0.59	0.5	1.00	0.74	0.62	0.5	1.00	0.76																						

EXPANDED COOLING DATA — DP5GM48***31 HIGH STAGE (CONT.)

	OUTDOOR AMBIENT TEMPERATURE																																			
	65°F						75°F						85°F						95°F						105°F						115°F					
	AIRFLOW		ENTERING INDOOR WET BULB TEMPERATURE																																	
IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	MBh	46.6	47.3	48.7	50.8	46.2	46.9	48.3	50.4	45.0	45.6	47.0	49.2	42.9	43.5	44.9	47.1	40.3	41.0	42.4	44.5	38.0	38.6	40.0	42.2											
	S/T	0.73	0.66	0.53	0.4	1.00	0.67	0.54	0.4	1.00	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	1.00	0.60	0.5	1.00	1.00	0.65	0.5											
	ΔT	31.94	29.93	26.17	22.3	31.89	29.87	26.11	22.2	32.17	30.16	26.40	22.5	31.87	29.85	26.09	22.2	31.60	29.58	25.82	21.9	32.86	30.85	27.08	23.2											
	kW	3075	3072	3065	3095	3456	3453	3447	3476	3882	3879	3873	3902	4343	4340	4334	4363	4858	4855	4848	4878	5462	5459	5453	5482											
	Amps	11.25	11.24	11.21	11.3	12.91	12.90	12.87	13.0	14.76	14.75	14.72	14.8	16.77	16.75	16.72	16.9	19.00	18.99	18.96	19.1	21.63	21.62	21.59	21.7											
	Hi PR	268	269	271	275.4	310	311	313	317.8	355	356	358	362.3	402	404	405	410.2	454	455	457	461.8	509	510	512	516.9											
	Lo PR	120	122	125	130.0	128	129	132	137.4	134	136	139	143.9	140	141	144	149.3	145	146	150	154.7	152	153	156	161.4											
1300	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	0.79	0.66	0.5	1.00	0.79	0.67	0.5	1.00	0.82	0.69	0.6	1.00	0.84	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.78	0.6											
	ΔT	29.46	27.44	23.68	19.8	29.40	27.39	23.63	19.7	29.69	27.67	23.91	20.0	29.38	27.37	23.61	19.7	29.11	27.10	23.34	19.4	30.37	28.36	24.60	20.7											
	kW	3115	3112	3106	3135	3497	3494	3487	3517	3923	3920	3913	3942	4384	4381	4374	4403	4898	4895	4889	4918	5503	5500	5493	5522											
	Amps	11.43	11.41	11.39	11.5	13.09	13.07	13.04	13.2	14.94	14.92	14.90	15.0	16.94	16.93	16.90	17.0	19.18	19.17	19.14	19.3	21.81	21.79	21.77	21.9											
	Hi PR	272	273	275	279.8	314	316	318	322.2	359	360	362	366.7	407	408	410	414.6	458	460	462	466.2	514	515	517	521.3											
	Lo PR	124	125	128	133.3	131	132	135	140.6	137	139	142	147.1	143	144	147	152.6	148	150	153	157.9	155	156	159	164.6											
1600	MBh	49.2	49.8	51.2	53.4	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	42.6	44.7											
	S/T	1.00	0.83	0.70	0.6	1.00	0.84	0.71	0.6	1.00	0.86	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.7											
	ΔT	27.66	25.64	21.88	18.0	27.60	25.59	21.83	17.9	27.89	25.87	22.11	18.2	27.58	25.57	21.81	17.9	27.31	25.30	21.54	17.6	28.58	26.56	22.80	18.9											
	kW	3144	3141	3135	3164	3526	3523	3516	3546	3952	3949	3942	3971	4413	4410	4403	4432	4928	4925	4918	4947	5532	5529	5522	5551											
	Amps	11.55	11.54	11.51	11.6	13.21	13.20	13.17	13.3	15.06	15.05	15.02	15.1	17.07	17.05	17.03	17.2	19.31	19.29	19.27	19.4	21.93	21.92	21.89	22.0											
	Hi PR	276	277	279	283.9	319	320	322	326.4	363	364	366	370.8	411	412	414	418.7	463	464	466	470.4	518	519	521	525.5											
	Lo PR	127	129	132	137.1	135	136	139	144.5	141	143	146	150.9	147	148	151	156.4	152	154	157	161.8	159	160	163	168.5											

85	1000	MBh	47.4	48.1	49.5	51.6	47.0	47.7	49.1	51.2	45.8	46.4	47.8	50.0	43.7	44.3	45.7	47.9	41.1	41.8	43.2	45.3	38.8	39.4	40.8	42.9	
		S/T	1.00	0.76	0.63	0.5	1.00	0.76	0.64	0.5	1.00	1.00	1.00	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.75	0.6
		ΔT	35.90	33.89	30.12	26.2	35.85	33.83	30.07	26.2	36.13	34.11	30.35	26.5		35.82	33.81	30.05	26.2	35.56	33.54	29.78	25.9	36.82	34.80	31.04	27.1
		kW	3082	3079	3073	3102	3464	3461	3454	3483	3890	3887	3880	3909		4350	4347	4341	4370	4865	4862	4856	4885	5469	5466	5460	5489
		Amps	11.28	11.27	11.24	11.4	12.94	12.93	12.90	13.0	14.79	14.78	14.75	14.9		16.80	16.78	16.76	16.9	19.04	19.02	18.99	19.1	21.66	21.65	21.62	21.7
		Hi PR	269	270	272	276.6	311	313	314	319.1	356	357	359	363.6		404	405	407	411.4	455	456	458	463.1	510	512	513	518.2
		Lo PR	122	124	127	131.9	129	131	134	139.2	136	137	141	145.7		141	143	146	151.1	147	148	151	156.5	153	155	158	163.2
		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	0.88	0.76	0.6	1.00	0.89	0.76	0.6	1.00	1.00	1.00	0.79	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	1.00	0.7
		ΔT	33.41	31.40	27.64	23.7	33.36	31.34	27.58	23.7	33.64	31.63	27.86	24.0		33.34	31.32	27.56	23.7	33.07	31.05	27.29	23.4	34.33	32.32	28.55	24.7
85	1300	kW	3123	3120	3113	3142	3504	3501	3495	3524	3930	3927	3920	3950		4391	4388	4381	4411	4906	4903	4896	4925	5510	5507	5500	5530
		Amps	11.46	11.45	11.42	11.5	13.12	13.11	13.08	13.2	14.97	14.96	14.93	15.1		16.97	16.96	16.93	17.1	19.21	19.20	19.17	19.3	21.84	21.83	21.80	21.9
		Hi PR	273	274	276	281.0	316	317	319	323.5	360	361	363	368.0		408	409	411	415.9	460	461	463	467.5	515	516	518	522.6
		Lo PR	125	127	130	135.1	133	134	137	142.5	139	141	144	148.9		145	146	149	154.4	150	151	155	159.7	157	158	161	166.4
		MBh	50.0	50.6	52.0	54.1	49.5	50.2	51.6	53.7	48.3	49.0	50.4	52.5		46.2	46.9	48.3	50.4	43.6	44.3	45.7	47.8	41.3	42.0	43.4	45.5
		S/T	1.00	0.92	0.80	0.7	1.00	1.00	0.80	0.7	1.00	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	31.61	29.60	25.84	21.9	31.56	29.54	25.78	21.9	31.84	29.83	26.07	22.2		31.54	29.52	25.76	21.9	31.27	29.25	25.49	21.6	32.53	30.52	26.75	22.9
		kW	3152	3149	3142	3171	3533	3530	3524	3553	3959	3956	3950	3979		4420	4417	4410	4440	4935	4932	4925	4955	5539	5536	5529	5559
		Amps	11.59	11.57	11.54	11.7	13.24	13.23	13.20	13.3	15.10	15.08	15.05	15.2		17.10	17.09	17.06	17.2	19.34	19.33	19.30	19.4	21.96	21.95	21.92	22.1
		Hi PR	277	279	280	285.2	320	321	323	327.6	364	366	367	372.1		412	413	415	420.0	464	465	467	471.6	519	520	522	526.7
Lo PR	129	131	134	138.9	137	138	141	146.3	143	145	148	152.8		148	150	153	158.2	154	155	158	163.6	161	162	165	170.3		

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

Shaded area reflects AHRI conditions

IDB: Entering Indoor Dry Bulb Temperature

IDB: Entering Indoor Dry Bulb Temperature

23

EXPANDED COOLING DATA — DP5GM60***31 LOW STAGE

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																															
				65°F								75°F								85°F								95°F								105°F								115°F							
				ENTERING INDOOR WET BULB TEMPERATURE																																															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																						
1050	MBh	43.0	43.7	44.9	-	42.7	43.3	44.6	-	41.5	42.1	43.4	-	39.6	40.2	41.5	43.5	37.2	37.9	39.1	41.1	-	35.1	35.7	37.0	-	35.1	35.7	37.0	-																					
	S/T	0.59	0.51	0.38	-	0.59	0.52	0.38	-	0.62	0.54	0.41	-	1.00	0.56	0.43	-	1.00	0.59	0.45	-	-	1.00	0.64	0.50	-	1.00	0.64	0.50	-																					
	ΔT	18.89	17.17	13.95	-	18.85	17.12	13.91	-	19.09	17.37	14.15	-	18.83	17.11	13.89	-	18.60	16.88	13.66	-	-	19.68	17.95	14.74	-	19.68	17.95	14.74	-																					
	kW	21.45	21.43	21.38	-	24.09	24.07	24.02	-	27.04	27.02	26.97	-	30.23	30.21	30.16	-	33.79	33.77	33.72	-	-	37.97	37.95	37.91	-	37.97	37.95	37.91	-																					
	Amps	7.62	7.62	7.60	-	8.77	8.76	8.74	-	10.05	10.05	10.03	-	11.44	11.43	11.41	-	12.99	12.98	12.96	-	-	14.81	14.80	14.78	-	14.81	14.80	14.78	-																					
70	Hi PR	251	252	254	-	291	292	294	-	333	334	336	-	377	379	380	-	426	427	429	-	-	477	478	480	-	477	478	480	-																					
	Lo PR	127	129	132	-	135	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	-	160	162	165	-	160	162	165	-																					
	MBh	43.7	44.3	45.6	-	43.3	43.9	45.2	-	42.2	42.8	44.1	-	40.3	40.9	42.2	-	37.9	38.5	39.8	-	-	35.7	36.3	37.6	-	35.7	36.3	37.6	-																					
	S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	1.00	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	-	1.00	1.00	0.58	-	1.00	1.00	0.58	-																					
	ΔT	17.58	15.86	12.65	-	17.54	15.82	12.60	-	17.78	16.06	12.84	-	17.52	15.80	12.58	-	17.29	15.57	12.35	-	-	18.37	16.65	13.43	-	18.37	16.65	13.43	-																					
1240	kW	21.62	21.60	21.55	-	24.26	24.24	24.20	-	27.21	27.19	27.14	-	30.40	30.38	30.33	-	33.96	33.94	33.90	-	-	38.14	38.12	38.08	-	38.14	38.12	38.08	-																					
	Amps	7.70	7.69	7.67	-	8.85	8.84	8.82	-	10.13	10.12	10.10	-	11.52	11.51	11.49	-	13.07	13.06	13.04	-	-	14.88	14.87	14.85	-	14.88	14.87	14.85	-																					
	Hi PR	254	255	257	-	294	295	297	-	335	336	338	-	380	381	383	-	428	430	431	-	-	480	481	483	-	480	481	483	-																					
	Lo PR	130	131	135	-	137	139	142	-	144	146	149	-	150	152	155	-	156	157	161	-	-	163	164	168	-	163	164	168	-																					
	MBh	46.5	47.1	48.4	-	46.1	46.7	48.0	-	45.0	45.6	46.9	-	43.1	43.7	45.0	-	40.7	41.3	42.6	-	-	38.5	39.1	40.4	-	38.5	39.1	40.4	-																					
1750	S/T	0.70	0.62	0.48	-	1.00	0.63	0.49	-	1.00	0.65	0.52	-	1.00	0.67	0.53	-	1.00	1.00	0.56	-	-	1.00	1.00	0.61	-	1.00	1.00	0.61	-																					
	ΔT	15.01	13.29	10.07	-	14.96	13.24	10.02	-	15.20	13.48	10.26	-	14.94	13.22	10.00	-	14.71	12.99	9.77	-	-	15.79	14.07	10.85	-	15.79	14.07	10.85	-																					
	kW	21.96	21.94	21.89	-	24.60	24.58	24.53	-	27.55	27.52	27.48	-	30.73	30.71	30.67	-	34.30	34.28	34.23	-	-	38.48	38.46	38.41	-	38.48	38.46	38.41	-																					
	Amps	7.85	7.84	7.82	-	8.99	8.98	8.96	-	10.28	10.27	10.25	-	11.66	11.65	11.63	-	13.21	13.20	13.18	-	-	15.03	15.02	15.00	-	15.03	15.02	15.00	-																					
	Hi PR	261	262	264	-	301	302	304	-	342	344	345	-	387	388	390	-	436	437	438	-	-	487	488	490	-	487	488	490	-																					
Lo PR	138	139	143	-	146	147	150	-	152	154	157	-	158	160	163	-	164	165	169	-	-	171	172	176	-	171	172	176	-																						
1050	MBh	43.1	43.7	45.0	46.9	42.7	43.3	44.6	46.6	41.6	42.2	43.5	45.4	39.6	40.2	41.5	43.5	37.2	37.9	39.1	41.1	-	35.1	35.7	37.0	39.0	35.1	35.7	37.0	39.0																					
	S/T	0.72	0.64	0.51	0.4	1.00	0.65	0.51	0.4	1.00	0.67	0.54	0.4	1.00	0.69	0.56	0.4	1.00	1.00	0.58	0.4	-	1.00	1.00	0.63	0.5	1.00	1.00	0.63	0.5																					
	ΔT	22.68	20.96	17.74	14.4	22.63	20.91	17.69	14.4	22.87	21.15	17.94	14.6	22.62	20.89	17.68	14.3	22.39	20.66	17.45	14.1	-	23.46	21.74	18.52	15.2	23.46	21.74	18.52	15.2																					
	kW	21.43	21.41	21.37	21.57	24.07	24.05	24.01	24.21	27.02	27.00	26.95	27.16	30.21	30.19	30.14	30.35	33.77	33.75	33.71	33.91	-	37.95	37.93	37.89	38.09	37.95	37.93	37.89	38.09																					
	Amps	7.62	7.61	7.59	7.7	8.77	8.76	8.74	8.8	10.05	10.04	10.02	10.1	11.43	11.42	11.40	11.5	12.98	12.97	12.95	13.0	-	14.80	14.79	14.77	14.9	14.80	14.79	14.77	14.9																					
75	Hi PR	252	253	254	258.8	291	292	294	298.5	333	334	336	340.1	378	379	381	384.9	426	427	429	433.3	-	478	479	480	484.8	478	479	480	484.8																					
	Lo PR	127	129	132	137.7	135	137	140	145.5	142	144	147	152.3	148	149	153	158.1	153	155	158	163.7	-	161	162	165	170.8	161	162	165	170.8																					
	MBh	43.8	44.4	45.6	47.6	43.4	44.0	45.3	47.2	42.2	42.8	44.1	46.1	40.3	40.9	42.2	44.2	37.9	38.5	39.8	41.8	-	35.8	36.4	37.7	39.6	35.8	36.4	37.7	39.6																					
	S/T	0.80	0.72	0.58	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.62	0.5	1.00	0.77	0.63	0.5	1.00	1.00	0.66	0.5	-	1.00	1.00	0.71	0.6	1.00	1.00	0.71	0.6																					
	ΔT	21.37	19.65	16.43	13.1	21.32	19.60	16.39	13.1	21.57	19.84	16.63	13.3	21.31	19.58	16.37	13.0	21.08	19.35	16.14	12.8	-	22.16	20.43	17.22	13.9	22.16	20.43	17.22	13.9																					
1240	kW	21.60	21.58	21.54	21.74	24.24	24.22	24.18	24.38	27.19	27.17	27.13	27.33	30.38	30.36	30.32	30.52	33.95	33.92	33.88	34.08	-	38.13	38.11	38.06	38.26	38.13	38.11	38.06	38.26																					
	Amps	7.69	7.68	7.66	7.8	8.84	8.83	8.81	8.9	10.12	10.11	10.09	10.2	11.51	11.50	11.48	11.6	13.06	13.05	13.03	13.1	-	14.88	14.87	14.85	14.9	14.88	14.87	14.85	14.9																					
	Hi PR	254	255	257	261.4	294	295	297	301.1	336	337	338	342.8	380	381	383	387.6	429	430	432	435.9	-	480	481	483	487.5	480	481	483	487.5																					
	Lo PR	130	131	135	140.0	138	139	142	147.8	144	146	149	154.6	150	152	155	160.4	156	157	161	166.0	-	163	164	168	173.1	163	164	168	173.1																					
	MBh	46.5	47.2	48.4	50.4	46.2	46.8	48.1	50.0	45.0	45.6	46.9	48.9	43.1	43.7	45.0	47.0	40.7	41.3	42.6	44.6	-	38.6	39.2	40.5	42.4	38.6	39.2	40.5	42.4																					
1750	S/T	1.00	0.75	0.61	0.5	1.00	0.75	0.62	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.69	0.5	-	1.00	1.00	0.61	0.6	1.00	1.00	0.61	0.6																					
	ΔT	18.79	17.07	13.86	10.5	18.75	17.03	13.81	10.5	18.99	17.27	14.05	10.7	18.73	17.01	13.79	10.5	18.50	16.78	13.56	10.2	-	19.58	17.86	14.64	11.3	19.58	17.86	14.64	11.3																					
	kW	21.94	21.92	21.87	22.08	24.58	24.56	24.51	24.72	27.53	27.51	27.46	27.66	30.72	30.70	30.65	30.85	34.28	34.26	34.22	34.42	-	38.46	38.44	38.40	38.60	38.46	38.44	38.40	38.60																					
	Amps	7.84	7.83	7.81	7.9	8.99	8.98	8.96	9.0	10.27	10.26	10.24	10.3	11.65	11.65	11.63	11.7	13.20	13.20	13.18	13.3	-	15.02	15.01	14.99	15.1	15.02	15.01	14.99	15.1																					
	Hi PR	261	262	264	268.6	301	302	304	308.3	343	344	346	349.9	387	389	390	394.7	436	437	439	443.1	-	487	488	490	494.6	487	488	490	494.6																					
Lo PR	138	139	143	148.1	146	147	150	155.8</																																											

EXPANDED COOLING DATA — DP5GM60***31 LOW STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71			
80		43.3	43.9	45.2	47.2	46.8	42.9	43.5	44.8	46.8	41.8	42.4	43.7	45.6	39.8	40.4	41.7	43.7	37.5	38.1	39.4	41.3	35.3	35.9	37.2	39.2	35.3	35.9	37.2	39.2	35.3	35.9	37.2	39.2			
		S/T	1.00	0.77	0.63	0.5	1.00	0.77	0.64	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.76	0.6			
	1050	ΔT	26.49	24.77	21.55	18.2	18.2	26.45	24.72	21.51	18.2	26.69	24.97	21.75	18.4	26.43	24.71	21.49	18.2	26.20	24.48	21.26	17.9	27.28	25.55	22.34	19.0	27.28	25.55	22.34	19.0	27.28	25.55	22.34	19.0		
		kW	21.45	21.42	21.38	21.58	24.02	24.09	24.07	24.02	24.22	27.03	27.01	26.97	27.17	30.22	30.20	30.16	30.36	33.79	33.77	33.72	33.92	37.97	37.95	37.90	38.10	37.97	37.95	37.90	38.10	37.97	37.95	37.90	38.10		
		Amps	7.62	7.61	7.59	7.7	8.8	8.77	8.76	8.74	8.8	10.05	10.04	10.02	10.1	11.44	11.43	11.41	11.5	12.99	12.98	12.96	13.0	14.81	14.80	14.78	14.9	14.81	14.80	14.78	14.9	14.81	14.80	14.78	14.9		
		Hi PR	252	253	255	259.2	292	292	293	295	299.0	333	334	336	340.6	378	379	381	385.4	426	428	429	433.7	478	479	481	485.3	478	479	481	485.3	478	479	481	485.3		
		Lo PR	128	130	133	138.3	136	136	137	141	146.1	143	144	147	152.9	148	150	153	158.6	154	156	159	164.3	161	163	166	171.4	161	163	166	171.4	161	163	166	171.4		
1240		44.0	44.6	45.9	47.8	47.5	43.6	44.2	45.5	47.5	42.5	43.1	44.4	46.3	40.5	41.1	42.4	44.4	38.2	38.8	40.1	42.0	36.0	36.6	37.9	39.9	36.0	36.6	37.9	39.9	36.0	36.6	37.9	39.9			
		S/T	1.00	0.85	0.71	0.6	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6		
	ΔT	25.18	23.46	20.25	16.9	16.9	25.14	23.42	20.20	16.9	25.38	23.66	20.44	17.1	25.12	23.40	20.18	16.8	24.89	23.17	19.95	16.6	25.97	24.25	21.03	17.7	25.97	24.25	21.03	17.7	25.97	24.25	21.03	17.7			
	kW	21.62	21.60	21.55	21.75	24.26	24.26	24.24	24.19	24.39	27.21	27.18	27.14	27.34	30.40	30.37	30.33	30.53	33.96	33.94	33.89	34.10	38.14	38.12	38.08	38.28	38.14	38.12	38.08	38.28	38.14	38.12	38.08	38.28			
	Amps	7.70	7.69	7.67	7.8	8.85	8.85	8.84	8.82	8.9	10.13	10.12	10.10	10.2	11.51	11.51	11.49	11.6	13.06	13.05	13.04	13.1	14.88	14.87	14.85	14.9	14.88	14.87	14.85	14.9	14.88	14.87	14.85	14.9			
	Hi PR	255	256	257	261.9	294	294	295	297	301.6	336	337	339	343.2	381	382	384	388.0	429	430	432	436.4	481	482	484	487.9	481	482	484	487.9	481	482	484	487.9			
	Lo PR	130	132	135	140.6	138	138	140	143	148.4	145	146	150	155.2	151	152	155	160.9	156	158	161	166.6	163	165	168	173.7	163	165	168	173.7	163	165	168	173.7			
1750		46.8	47.4	48.7	50.6	50.2	46.4	47.0	48.3	50.2	45.3	45.9	47.1	49.1	43.3	43.9	45.2	47.2	40.9	41.6	42.8	44.8	38.8	39.4	40.7	42.6	38.8	39.4	40.7	42.6	38.8	39.4	40.7	42.6			
		S/T	1.00	0.87	0.74	0.6	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.77	0.6		
	ΔT	22.61	20.89	17.67	14.3	14.3	22.56	20.84	17.62	14.3	22.80	21.08	17.86	14.5	22.54	20.82	17.60	14.3	22.31	20.59	17.37	14.0	23.39	21.67	18.45	15.1	23.39	21.67	18.45	15.1	23.39	21.67	18.45	15.1			
	kW	21.95	21.93	21.89	22.09	24.73	24.59	24.57	24.53	24.73	27.54	27.52	27.48	27.68	30.73	30.71	30.67	30.87	34.30	34.27	34.23	34.43	38.48	38.46	38.41	38.61	38.48	38.46	38.41	38.61	38.48	38.46	38.41	38.61			
	Amps	7.84	7.83	7.82	7.9	8.99	8.99	8.98	8.96	9.1	10.27	10.26	10.24	10.3	11.66	11.65	11.63	11.7	13.21	13.20	13.18	13.3	15.03	15.02	15.00	15.1	15.03	15.02	15.00	15.1	15.03	15.02	15.00	15.1			
	Hi PR	262	263	265	269.0	302	302	303	304	308.8	343	344	346	350.4	388	389	391	395.2	436	437	439	443.5	488	489	491	495.1	488	489	491	495.1	488	489	491	495.1			
	Lo PR	138	140	143	148.6	146	146	148	151	156.4	153	155	158	163.2	159	160	164	169.0	164	166	169	174.6	171	173	176	181.7	171	173	176	181.7	171	173	176	181.7			

85	1050	MBh	44.0	44.6	45.9	47.9	43.6	44.2	45.5	47.5	42.5	43.1	44.4	46.4	40.6	41.2	42.5	44.4	38.2	38.8	40.1	42.1	36.0	36.6	37.9	39.9
		S/T	1.00	0.87	0.73	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7
		ΔT	29.87	28.15	24.94	21.6	29.83	28.11	24.89	21.6	30.07	28.35	25.13	21.8	29.81	28.09	24.87	21.5	29.58	27.86	24.64	21.3	30.66	28.94	25.72	22.4
		kW	2150	2147	2143	2163	2414	2412	2407	2427	2708	2706	2702	2722	3027	3025	3021	3041	3384	3382	3377	3397	3802	3800	3795	3816
		Amps	7.64	7.64	7.62	7.7	8.79	8.78	8.76	8.9	10.07	10.07	10.05	10.1	11.46	11.45	11.43	11.5	13.01	13.00	12.98	13.1	14.83	14.82	14.80	14.9
	Hi PR	253	254	256	260.4	293	294	296	300.1	335	336	337	341.8	379	380	382	386.6	428	429	431	434.9	479	480	482	486.5	
	Lo PR	130	132	135	140.2	138	139	143	148.0	145	146	149	154.8	150	152	155	160.6	156	158	161	166.2	163	165	168	173.3	
	1240	MBh	44.7	45.3	46.6	48.6	44.3	44.9	46.2	48.2	43.2	43.8	45.1	47.1	41.2	41.9	43.1	45.1	38.9	39.5	40.8	42.7	36.7	37.3	38.6	40.6
		S/T	1.00	0.95	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	28.57	26.84	23.63	20.3	28.52	26.80	23.58	20.2	28.76	27.04	23.82	20.5	28.50	26.78	23.56	20.2	28.27	26.55	23.33	20.0	29.35	27.63	24.41	21.1
kW		2167	2165	2160	2180	2431	2429	2424	2444	2726	2724	2719	2739	3045	3043	3038	3058	3401	3399	3394	3415	3819	3817	3813	3833	
Amps		7.72	7.71	7.69	7.8	8.87	8.86	8.84	8.9	10.15	10.14	10.12	10.2	11.54	11.53	11.51	11.6	13.09	13.08	13.06	13.1	14.90	14.89	14.88	15.0	
1750	Hi PR	256	257	259	263.1	296	297	298	302.8	337	338	340	344.4	382	383	385	389.2	430	431	433	437.6	482	483	485	489.1	
	Lo PR	132	134	137	142.5	140	142	145	150.3	147	148	152	157.1	153	154	157	162.8	158	160	163	168.5	165	167	170	175.6	
	MBh	47.5	48.1	49.4	51.4	47.1	47.7	49.0	51.0	46.0	46.6	47.9	49.8	44.0	44.6	45.9	47.9	41.7	42.3	43.6	45.5	39.5	40.1	41.4	43.4	
	S/T	1.00	1.00	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	1.0	
	ΔT	25.99	24.27	21.05	17.7	25.94	24.22	21.00	17.7	26.18	24.46	21.25	17.9	25.93	24.20	20.99	17.7	25.69	23.97	20.76	17.4	26.77	25.05	21.83	18.5	

EXPANDED COOLING DATA — DP5GM60***31 HIGH STAGE

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	1500	MBh	59.6	60.5	62.2	-	59.1	59.9	61.7	-	57.5	58.3	60.1	-	54.8	55.6	57.4	-	51.5	52.4	54.1	-	48.5	49.3	51.1	-
		S/T	0.54	0.46	0.33	-	0.55	0.47	0.34	-	0.57	0.50	0.36	-	0.59	0.51	0.38	-	1.00	0.54	0.40	-	1.00	0.59	0.45	-
		ΔT	20.10	18.31	14.98	-	20.05	18.26	14.93	-	20.30	18.51	15.18	-	20.03	18.24	14.91	-	19.79	18.01	14.67	-	20.91	19.12	15.79	-
		kW	3.40	3.40	3.39	-	3.82	3.82	3.81	-	4.29	4.28	4.28	-	4.80	4.79	4.78	-	5.36	5.36	5.35	-	6.03	6.02	6.02	-
		Amps	12.08	12.06	12.03	-	13.90	13.89	13.86	-	15.94	15.92	15.89	-	18.14	18.13	18.10	-	20.61	20.59	20.56	-	23.50	23.48	23.45	-
		Hi PR	262	263	265	-	303	305	306	-	347	348	350	-	394	395	397	-	444	446	447	-	498	500	501	-
	Lo PR	123	125	128	-	131	132	136	-	137	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-	
70	1880	MBh	60.8	61.7	63.5	-	60.3	61.1	62.9	-	58.7	59.6	61.4	-	56.0	56.9	58.7	-	52.7	53.6	55.4	-	49.7	50.6	52.3	-
		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	18.22	16.44	13.10	-	18.17	16.39	13.06	-	18.42	16.64	13.31	-	18.16	16.37	13.04	-	17.92	16.13	12.80	-	19.03	17.25	13.92	-
		kW	3.44	3.43	3.43	-	3.86	3.85	3.85	-	4.33	4.32	4.32	-	4.83	4.83	4.82	-	5.40	5.40	5.39	-	6.06	6.06	6.05	-
		Amps	12.24	12.23	12.19	-	14.07	14.05	14.02	-	16.10	16.09	16.06	-	18.31	18.29	18.26	-	20.77	20.76	20.73	-	23.66	23.65	23.62	-
		Hi PR	266	267	269	-	307	308	310	-	351	352	354	-	398	399	401	-	448	449	451	-	502	503	505	-
	Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	151	153	156	-	158	160	163	-	
2500		MBh	63.7	64.6	66.4	-	63.2	64.0	65.8	-	61.6	62.5	64.3	-	58.9	59.8	61.6	-	55.6	56.5	58.3	-	52.6	53.5	55.3	-
		S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.66	0.53	-	1.00	0.69	0.55	-	1.00	1.00	0.60	-
		ΔT	16.03	14.24	10.91	-	15.98	14.19	10.86	-	16.23	14.45	11.11	-	15.96	14.18	10.84	-	15.72	13.94	10.61	-	16.84	15.06	11.72	-
		kW	3.48	3.48	3.47	-	3.90	3.90	3.89	-	4.37	4.37	4.36	-	4.88	4.87	4.87	-	5.44	5.44	5.43	-	6.11	6.10	6.10	-
		Amps	12.43	12.42	12.39	-	14.26	14.24	14.21	-	16.29	16.28	16.25	-	18.50	18.48	18.45	-	20.96	20.95	20.92	-	23.85	23.84	23.81	-
		Hi PR	272	273	275	-	313	314	316	-	357	358	360	-	403	405	406	-	454	455	457	-	508	509	511	-
	Lo PR	132	134	137	-	140	141	144	-	146	148	151	-	152	153	157	-	157	159	162	-	164	166	169	-	
75	1500	MBh	59.6	60.5	62.3	65.0	59.1	59.9	61.7	64.5	57.5	58.4	60.2	62.9	54.8	55.7	57.5	60.2	51.5	52.4	54.2	56.9	48.5	49.4	51.2	53.9
		S/T	0.67	0.59	0.46	0.3	0.67	0.60	0.46	0.3	1.00	0.62	0.49	0.3	1.00	0.64	0.51	0.4	1.00	0.66	0.53	0.4	1.00	1.00	0.58	0.4
		ΔT	24.02	22.24	18.90	15.5	23.97	22.19	18.85	15.4	24.22	22.44	19.11	15.7	23.95	22.17	18.84	15.4	23.72	21.93	18.60	15.1	24.83	23.05	19.71	16.3
		kW	3.40	3.39	3.39	3.4	3.82	3.81	3.81	3.8	4.29	4.28	4.27	4.3	4.79	4.79	4.78	4.8	5.36	5.36	5.35	5.4	6.02	6.02	6.01	6.0
		Amps	12.06	12.05	12.02	12.2	13.89	13.87	13.84	14.0	15.93	15.91	15.88	16.0	18.13	18.12	18.09	18.2	20.60	20.58	20.55	20.7	23.49	23.47	23.44	23.6
		Hi PR	262	263	265	269.7	304	305	307	311.3	347	348	350	354.8	394	395	397	401.7	445	446	448	452.2	499	500	502	506.2
	Lo PR	123	125	128	133.3	131	132	136	140.9	137	139	142	147.5	143	145	148	153.1	149	150	153	158.6	155	157	160	165.5	
75	1880	MBh	60.8	61.7	63.5	66.2	60.3	61.2	63.0	65.7	58.7	59.6	61.4	64.1	56.0	56.9	58.7	61.4	52.8	53.6	55.4	58.1	49.7	50.6	52.4	55.1
		S/T	0.77	0.70	0.57	0.4	1.00	0.71	0.57	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.69	0.6
		ΔT	22.15	20.36	17.03	13.6	22.10	20.31	16.98	13.5	22.35	20.56	17.23	13.8	22.08	20.29	16.96	13.5	21.84	20.06	16.72	13.3	22.96	21.17	17.84	14.4
		kW	3.43	3.43	3.42	3.5	3.85	3.85	3.84	3.9	4.32	4.32	4.31	4.3	4.83	4.83	4.82	4.9	5.40	5.39	5.39	5.4	6.06	6.06	6.05	6.1
		Amps	12.23	12.21	12.18	12.3	14.05	14.04	14.01	14.1	16.09	16.08	16.05	16.2	18.30	18.28	18.25	18.4	20.76	20.75	20.71	20.9	23.65	23.64	23.60	23.7
		Hi PR	266	267	269	273.4	307	309	310	315.0	351	352	354	358.5	398	399	401	405.4	448	450	451	456.0	502	503	505	509.9
	Lo PR	126	128	131	136.2	134	135	138	143.8	140	142	145	150.4	146	148	151	156.0	151	153	156	161.5	158	160	163	168.4	
2500		MBh	63.8	64.6	66.4	69.2	63.2	64.1	65.9	68.6	61.7	62.5	64.3	67.0	59.0	59.8	61.6	64.4	55.7	56.5	58.3	61.1	52.7	53.5	55.3	58.0
		S/T	0.82	0.74	0.61	0.5	1.00	0.75	0.61	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.73	0.6
		ΔT	19.95	18.17	14.84	11.4	19.90	18.12	14.79	11.3	20.16	18.37	15.04	11.6	19.89	18.10	14.77	11.3	19.65	17.86	14.53	11.1	20.76	18.98	15.65	12.2
		kW	3.48	3.48	3.47	3.5	3.90	3.90	3.89	3.9	4.37	4.36	4.36	4.4	4.87	4.87	4.86	4.9	5.44	5.44	5.43	5.5	6.11	6.10	6.10	6.1
		Amps	12.42	12.41	12.37	12.5	14.25	14.23	14.20	14.3	16.28	16.27	16.24	16.4	18.49	18.47	18.44	18.6	20.95	20.94	20.91	21.0	23.84	23.83	23.80	23.9
		Hi PR	272	273	275	279.3	313	314	316	320.9	357	358	360	364.4	404	405	407	411.3	454	455	457	461.9	508	509	511	515.8
	Lo PR	132	134	137	142.2	140	141	144	149.7	146	148	151	156.4	152	154	157	162.0	157	159	162	167.5	164	166	169	174.4	

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***31 HIGH STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	1500	MBh	59.9	60.8	62.6	65.3	59.4	60.3	62.1	64.8	57.8	58.7	60.5	63.2	55.1	56.0	57.8	60.5	51.9	52.7	54.5	57.2	48.8	49.7	51.5	54.2											
		S/T	1.00	0.71	0.58	0.4	1.00	0.72	0.59	0.4	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.65	0.5	1.00	1.00	0.70	0.6											
		ΔT	27.97	26.19	22.85	19.4	27.92	26.14	22.81	19.4	28.17	26.39	23.06	19.6	27.90	26.12	22.79	19.3	27.67	25.88	22.55	19.1	28.78	27.00	23.67	20.2											
		kW	3.40	3.40	3.39	3.4	3.82	3.82	3.81	3.8	4.29	4.28	4.28	4.3	4.79	4.79	4.78	4.8	5.36	5.36	5.35	5.4	6.03	6.02	6.02	6.0											
		Amps	12.07	12.06	12.03	12.2	13.90	13.88	13.85	14.0	15.94	15.92	15.89	16.0	18.14	18.13	18.10	18.2	20.60	20.59	20.56	20.7	23.50	23.48	23.45	23.6											
	Hi PR	263	264	266	270.2	304	305	307	311.8	348	349	351	355.3	395	396	398	402.2	445	446	448	452.7	499	500	502	506.7												
	Lo PR	124	125	129	133.8	131	133	136	141.4	138	140	143	148.0	144	145	148	153.6	149	151	154	159.1	156	158	161	166.0												
	1880	MBh	61.2	62.0	63.8	66.5	60.6	61.5	63.3	66.0	59.1	59.9	61.7	64.4	56.4	57.2	59.0	61.7	53.1	53.9	55.7	58.4	50.1	50.9	52.7	55.4											
		S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7											
		ΔT	26.10	24.31	20.98	17.5	26.05	24.26	20.93	17.5	26.30	24.52	21.18	17.7	26.03	24.25	20.91	17.5	25.79	24.01	20.68	17.2	26.91	25.13	21.79	18.3											
kW		3.44	3.43	3.43	3.5	3.86	3.85	3.85	3.9	4.33	4.32	4.31	4.3	4.83	4.83	4.82	4.9	5.40	5.40	5.39	5.4	6.06	6.06	6.05	6.1												
Amps		12.24	12.22	12.19	12.3	14.06	14.05	14.02	14.2	16.10	16.09	16.06	16.2	18.31	18.29	18.26	18.4	20.77	20.76	20.72	20.9	23.66	23.65	23.61	23.8												
2500	Hi PR	266	267	269	273.9	308	309	311	315.5	351	353	354	359.0	398	399	401	405.9	449	450	452	456.5	503	504	506	510.4												
	Lo PR	127	128	131	136.7	134	136	139	144.3	141	142	146	150.9	147	148	151	156.5	152	154	157	162.0	159	160	164	168.9												
	MBh	64.1	64.9	66.7	69.5	63.5	64.4	66.2	68.9	62.0	62.8	64.6	67.4	59.3	60.1	61.9	64.7	56.0	56.8	58.6	61.4	53.0	53.8	55.6	58.4												
	S/T	1.00	0.86	0.73	0.6	1.00	0.87	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	1.00	0.7												
	ΔT	23.90	22.12	18.79	15.3	23.86	22.07	18.74	15.3	24.11	22.32	18.99	15.5	23.84	22.05	18.72	15.3	23.60	21.81	18.48	15.0	24.72	22.93	19.60	16.1												

85	1500	MBh	61.0	61.8	63.6	66.3	60.4	61.3	63.1	65.8	58.9	59.7	61.5	64.2	56.2	57.0	58.8	61.5	52.9	53.7	55.5	58.2
		S/T	1.00	0.81	0.68	0.5	1.00	0.82	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.75	0.6
		ΔT	31.48	29.69	26.36	22.9	31.43	29.64	26.31	22.9	31.68	29.89	26.56	23.1	31.41	29.62	26.29	22.8	31.17	29.39	26.05	22.6
		kW	3.41	3.40	3.40	3.4	3.83	3.82	3.82	3.8	4.30	4.29	4.28	4.3	4.80	4.80	4.79	4.8	5.37	5.37	5.36	5.4
		Amps	12.11	12.09	12.06	12.2	13.93	13.92	13.89	14.0	15.97	15.96	15.93	16.1	18.18	18.16	18.13	18.3	20.64	20.63	20.59	20.7
		Hi PR	264	265	267	271.4	305	307	308	313.0	349	350	352	356.5	396	397	399	403.4	446	448	449	454.0
		Lo PR	126	127	130	135.7	133	135	138	143.3	140	141	145	149.9	145	147	150	155.5	151	153	156	161.0
		MBh	62.2	63.0	64.8	67.6	61.6	62.5	64.3	67.0	60.1	60.9	62.7	65.4	57.4	58.2	60.0	62.8	54.1	54.9	56.7	59.5
		S/T	1.00	0.92	0.79	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7
		ΔT	29.60	27.82	24.49	21.0	29.55	27.77	24.44	21.0	29.80	28.02	24.69	21.2	29.54	27.75	24.42	21.0	29.30	27.51	24.18	20.7
2500	1880	kW	3.44	3.44	3.43	3.5	3.86	3.86	3.85	3.9	4.33	4.33	4.32	4.4	4.84	4.84	4.83	4.9	5.41	5.40	5.40	5.4
		Amps	12.27	12.26	12.23	12.4	14.10	14.08	14.05	14.2	16.14	16.12	16.09	16.2	18.34	18.33	18.30	18.4	20.80	20.79	20.76	20.9
		Hi PR	268	269	271	275.2	309	310	312	316.7	353	354	356	360.3	400	401	403	407.1	450	451	453	457.7
		Lo PR	129	130	133	138.6	136	138	141	146.2	143	144	148	152.8	148	150	153	158.4	154	155	159	163.9
		MBh	65.1	65.9	67.7	70.5	64.6	65.4	67.2	69.9	63.0	63.8	65.6	68.4	60.3	61.1	62.9	65.7	57.0	57.8	59.6	62.4
		S/T	1.00	1.00	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	27.41	25.62	22.29	18.8	27.36	25.57	22.24	18.8	27.61	25.83	22.49	19.0	27.34	25.56	22.22	18.8	27.10	25.32	21.99	18.5
		kW	3.49	3.49	3.48	3.5	3.91	3.91	3.90	3.9	4.38	4.37	4.37	4.4	4.88	4.88	4.87	4.9	5.45	5.45	5.44	5.5
		Amps	12.46	12.45	12.42	12.6	14.29	14.28	14.24	14.4	16.33	16.31	16.28	16.4	18.53	18.52	18.49	18.6	21.00	20.98	20.95	21.1
		Hi PR	273	275	276	281.1	315	316	318	322.6	359	360	362	366.2	405	407	408	413.0	456	457	459	463.6
		Lo PR	135	136	139	144.6	142	144	147	152.2	149	150	153	158.8	154	156	159	164.4	160	161	165	169.9

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)

DP5*M2406031 - 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	-	-	-	-
D	640	850	-	-	-	-
D+	700	935	-	-	-	-

**DP5*M3008031 - 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	810	63	960	63
A	605	900	900	56	1065	56
A+	665	990	990	51	1170	51
B-	605	900	900	56	1075	56
B	670	1000	1000	50	1195	50
B+	735	1100	1100	45	1315	46
C-	650	970	970	50	1195	50
C	720	1075	1075	45	1330	45
C+	795	1185	1185	41	1465	41
D-	665	990	990	-	-	-
D	735	1100	1100	-	-	-
D+	810	1210	1210	-	-	-

DP5*M3608031 - 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-	880	1195	-	-	-	-
D	890	1325	-	-	-	-
D+	980	1460	-	-	-	-

DP5*M4210031 - 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	-	-	-	-
D	1245	1500	-	-	-	-
D+	1370	1650	-	-	-	-

DP5*M4810031 - 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	-	-	-	-
D	1410	1600	-	-	-	-
D+	1550	1760	-	-	-	-

X = Outside of Temperature Rise Range - Not Recommended.

5 Ton
MODELS: DP5*M6014031

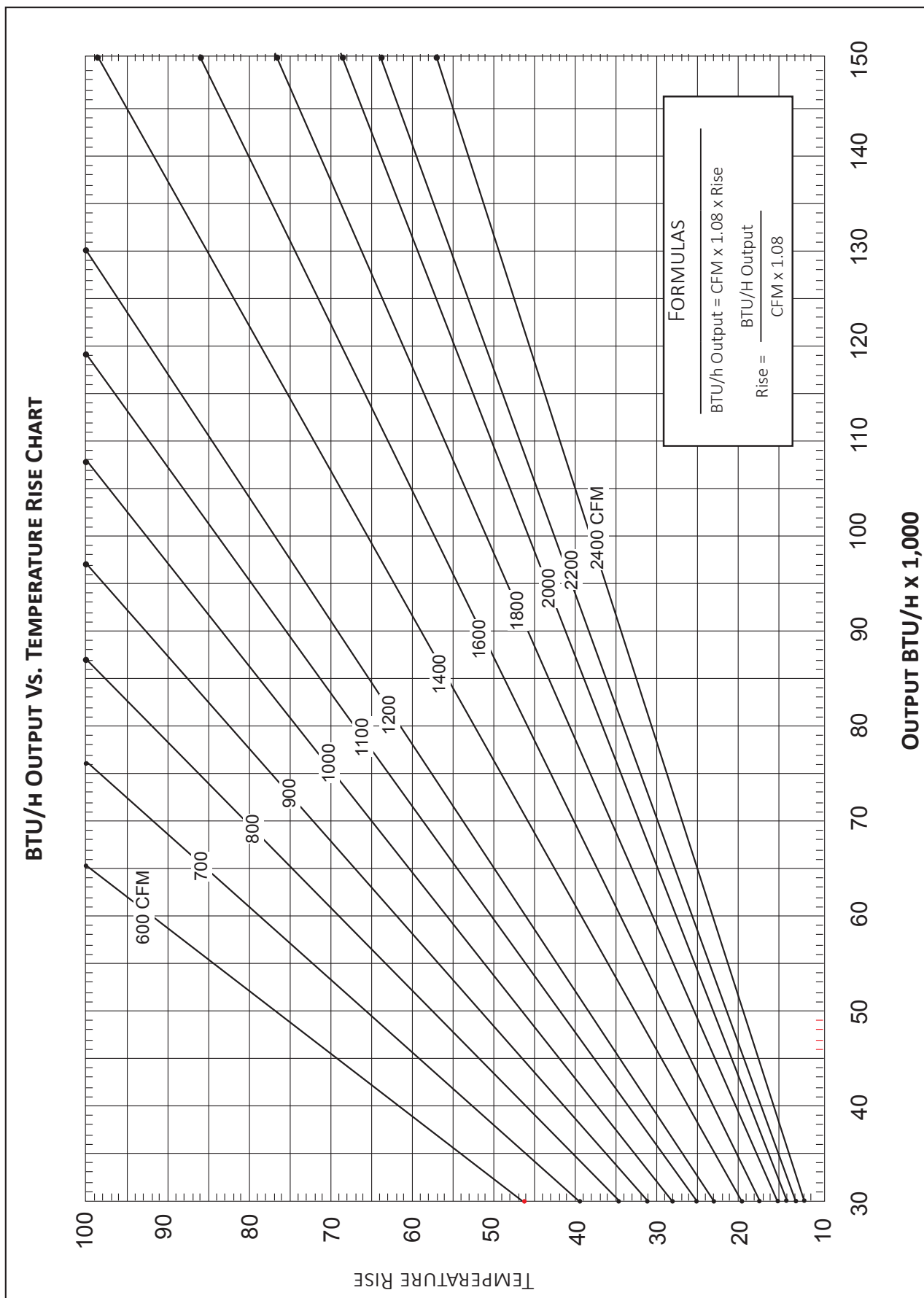
DOWN FLOW						
SPEED TAP	TORQUE %	TORQUE OZ-FT	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1*	0.2	1135	620	0.16	570	0.14
			0.4	1000	775	0.19
			0.6	865	780	0.2
			0.8	750	845	0.23
T2**	0.2	1910	870	0.63	640	0.20
			0.4	1825	925	0.67
			0.6	1735	970	0.7
			0.8	1655	1020	0.74
T3	0.2	1910	870	0.63	883	0.66
			0.4	1825	925	0.67
			0.6	1735	970	0.7
			0.8	1655	1020	0.74
T4	0.2	1895	865	0.62	883	0.66
			0.4	1810	920	0.66
			0.6	1720	965	0.69
			0.8	1640	1020	0.73
T5	0.2	2145	955	0.91	2196	2.09
			0.4	2065	990	0.94
			0.6	1980	1035	0.99
			0.8	1900	1075	1.02

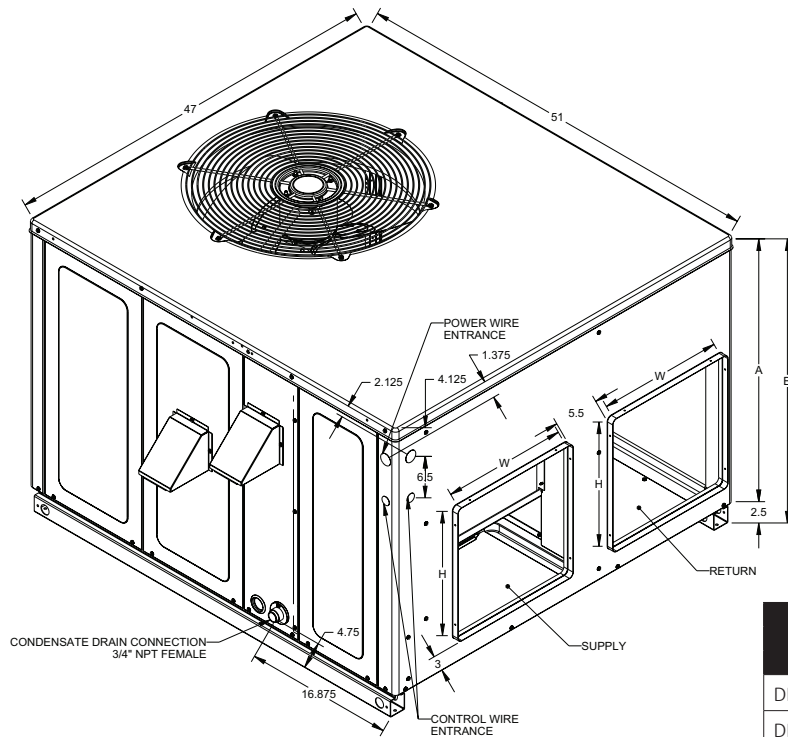
HORIZONTAL FLOW						
SPEED TAP	TORQUE %	TORQUE OZ-FT	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1*	0.2	1190	605	0.16	606	0.14
			0.4	1055	685	0.18
			0.6	915	755	0.21
			0.8	790	820	0.22
T2**	0.2	2005	845	0.61	617	0.19
			0.4	1915	895	0.65
			0.6	1820	940	0.68
			0.8	1740	990	0.72
T3	0.2	2005	845	0.61	853	0.63
			0.4	1915	895	0.65
			0.6	11820	940	0.68
			0.8	1740	990	0.72
T4	0.2	1990	840	0.6	853	0.63
			0.4	1900	890	0.64
			0.6	1805	935	0.67
			0.8	1720	990	0.71
T5	0.2	2250	925	0.88	929	0.88
			0.4	2170	960	0.91
			0.6	2080	1005	0.96
			0.8	1995	1045	0.99

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

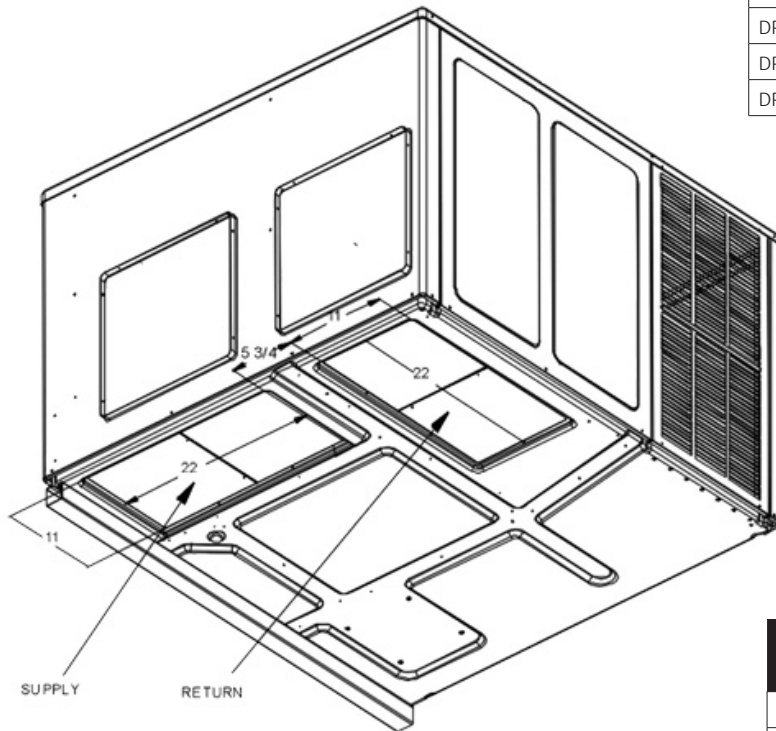
* - T1 Values Are For Fan Mode Or Part Load Only

** - T2 Values Are For Part Load Only

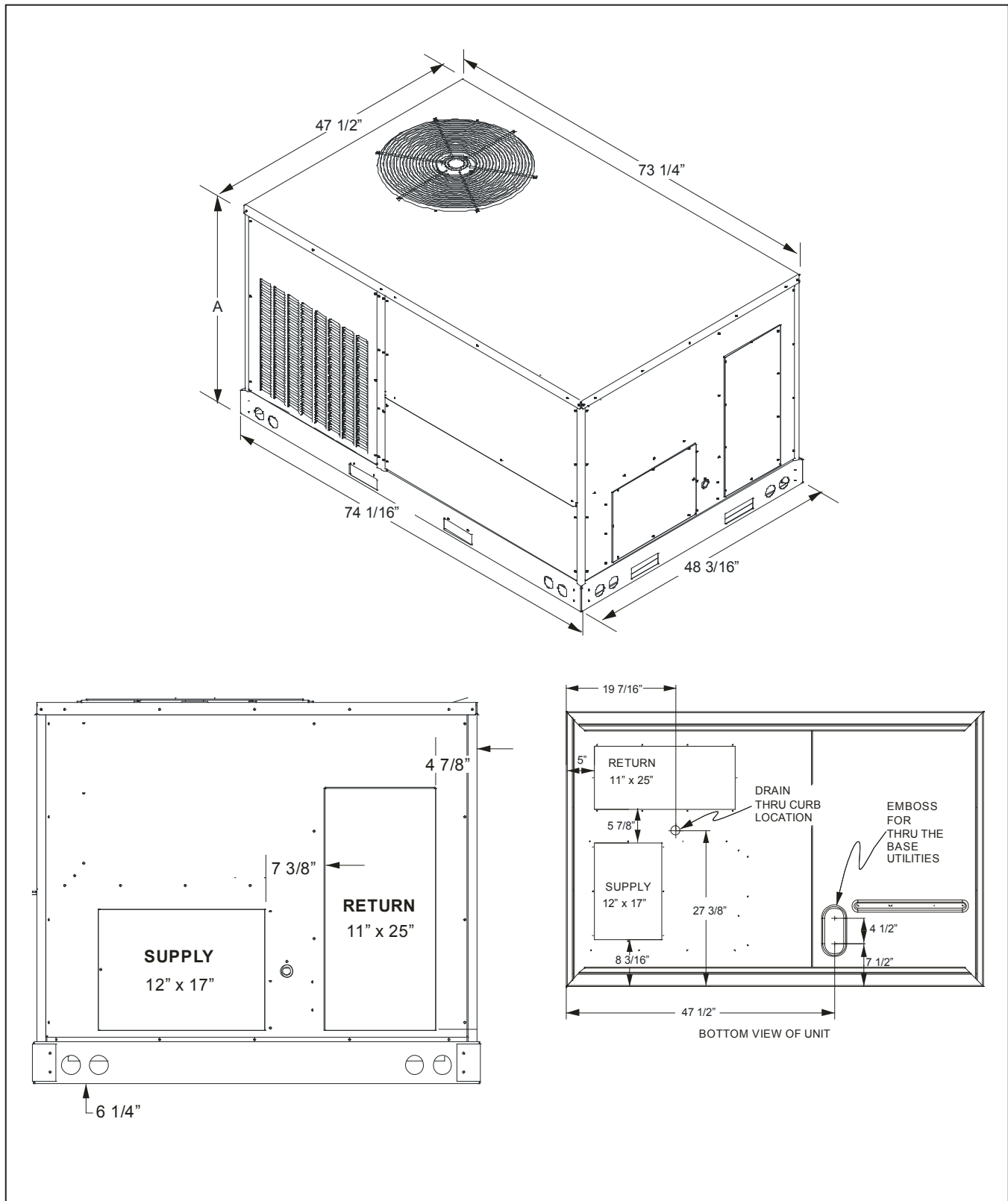


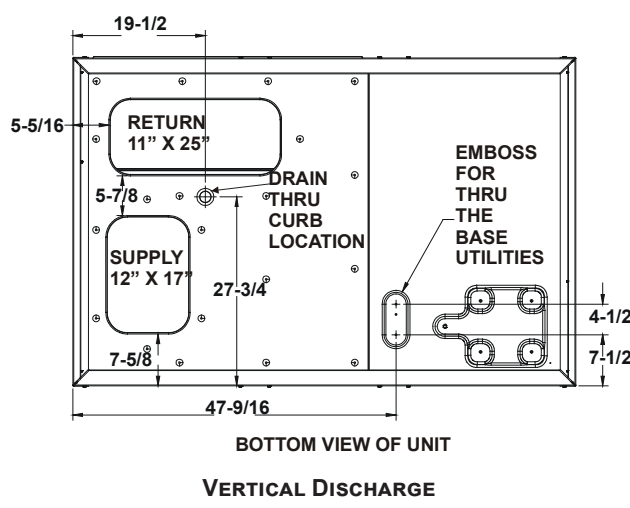
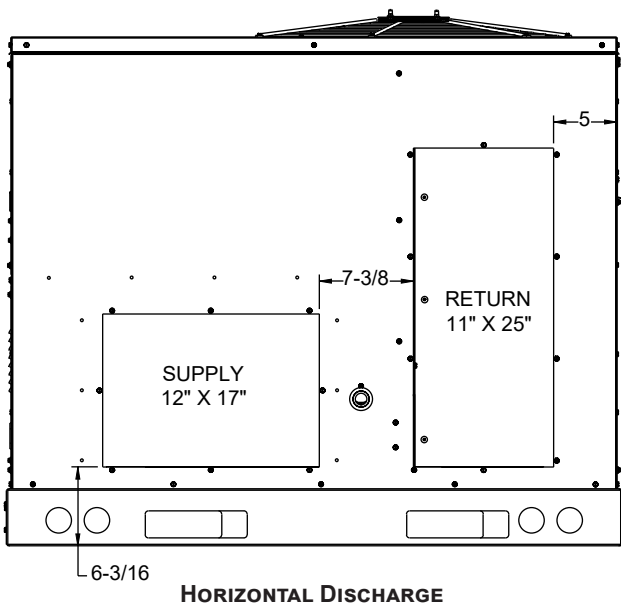
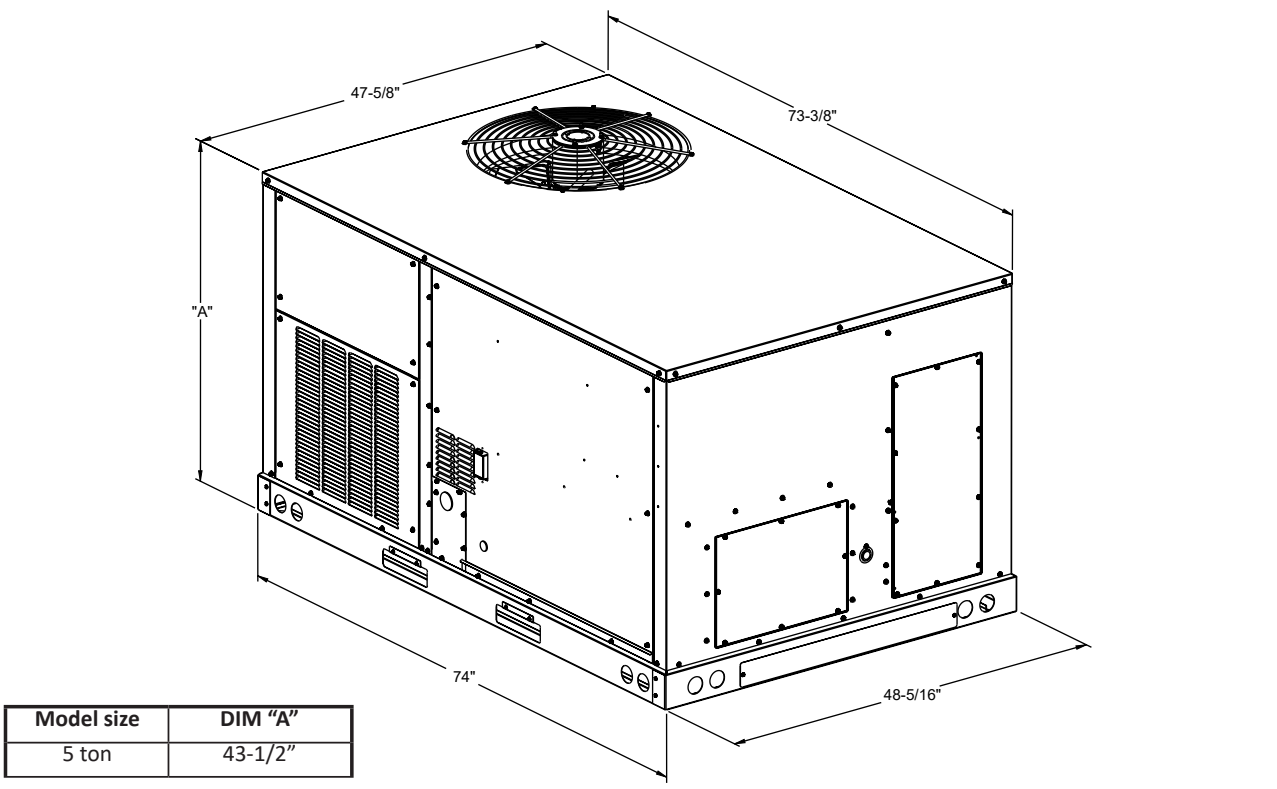


MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
			HEIGHT		
	W	D	A	B	
DP5*M24***31	47	51	32	34½	Medium
DP5*M30***31	47	51	32	34½	Medium
DP5*M36***31	47	51	40	42½	Large
DP5*M42***31	47	51	40	42½	Large
DP5*M48***31	47	51	40	42½	Large
DP5*M60***31	73 3/8	47 5/8	40	42½	X-Large



MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
DP5*M24***31	16	16	16	16
DP5*M30***31	16	16	16	16
DP5*M36***31	16	18	16	18
DP5*M42***31	16	18	16	18
DP5*M48***31	16	18	16	18
DP5*M60***31	17	12	11	25





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.

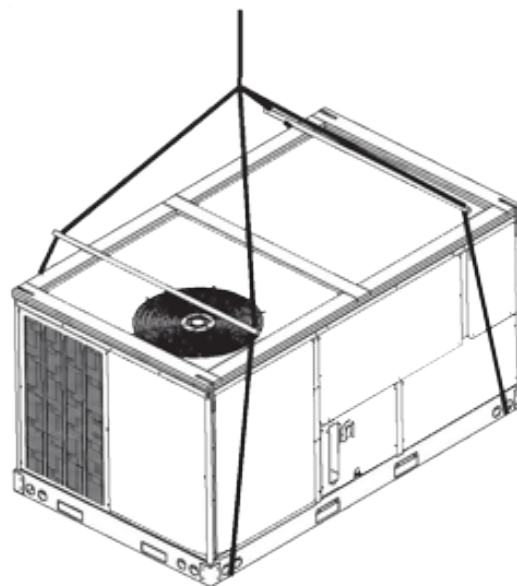
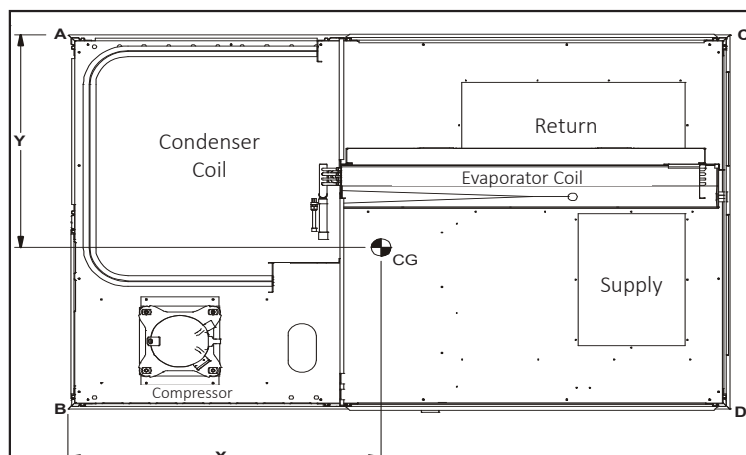
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory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

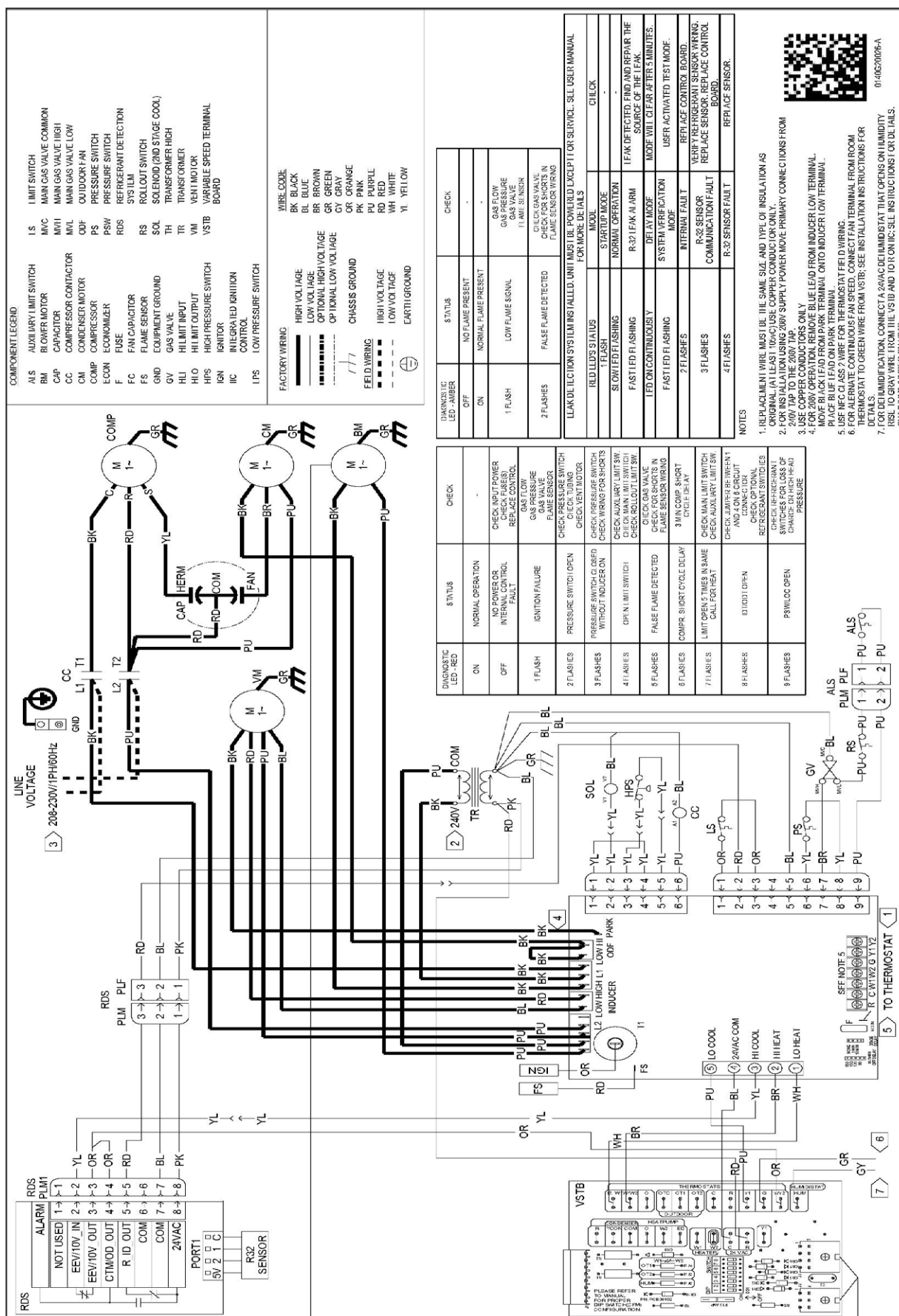
See the manual shipped with the roof curb for assembly and installation instructions.

CORNER & CENTER-OF-GRAVITY LOCATIONS



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

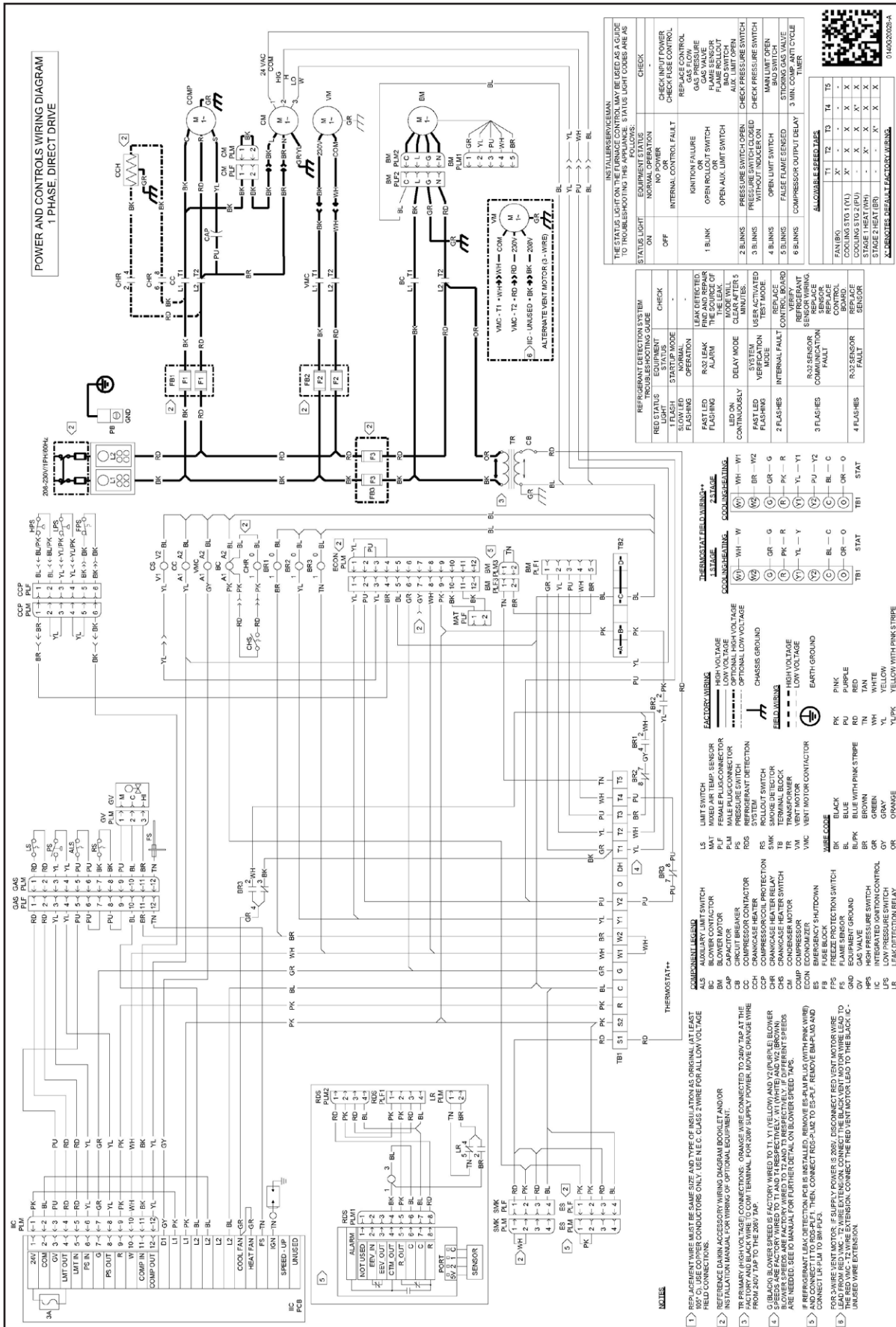
MODEL	CORNER WEIGHTS (LBS.)			
	A	B	C	D
DP5GM60***41	186	204	65	174



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.



WARNING

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

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FOR DP5GM24-48*31**

ACCESSORY DESCRIPTION	ITEM NUMBER	
	MEDIUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	PGEDJ101/102	PGEDJ103
Downflow Internal Filter Rack (with economizer)	DDNIFRPGMM	N/A (built into economizer)
Downflow Internal Filter Rack (no economizer)	DDNIFRPGA	DDNIFRPGA
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRPG101/102	SQRPG103
Economizer Wiring Harness (2-4 Tons)	0259G00214	0259G00214
Economizer Wiring Harness (5 Tons)	N/A	0259L00412
External Horizontal Filter Rack	DPHFRA	DPHFRA
High-Altitude Kit	HA-03	HA-03
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	DHZEENJPGCHM	DHZEENJPGCHL
Horizontal Manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRPGH101/102	SQRPGH103
Internal Horizontal Filter Rack	DHZIFRPGCHA	DHZIFRPGCHA
LP Conversion Kit (Single-Stage Models)	LPM-07	LPM-07
LP Conversion Kit (Two-Stage Models)	N/A	LPM-08
Outdoor Thermostat with Housing	OTDFPKG-01	OTDFPKG-01
Roof Curb	D14CRBPGCHMA	D14CRBPGCHMA

OR THE DP5GM60*31**

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

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