

**PACKAGED GAS/ELECTRIC  
ULTRA-LOW NO<sub>x</sub>  
15.2 SEER2 / 81% AFUE  
2½ AND 3 TONS**



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### ■ Standard Features

- Heavy-duty stainless-steel heat exchanger
- High-efficiency two-stage scroll compressor with factory-installed sound blanket
- Variable-speed ECM indoor blower motor
- All-aluminum evaporator coil
- TXV expansion device
- Single-stage gas valve
- Power-assisted combustion
- All blower operation and all safety circuits complete with self-diagnostics
- Loss-of-charge protection and high-pressure switch
- Direct-spark ignition system with microprocessor-based control for the entire ignition sequence
- Eligible for installation in California’s South Coast Air Quality Management District (SCAQMD) and San Joaquin Valley Air Pollution Control District (SJVUAPCD). For California’s South Coast Air Quality Management District (SCAQMD) only: This furnace complies with the SCAQMD Rule 1111 14ng/j NO<sub>x</sub> emission limit.
- AHRI Certified
- ETL Listed

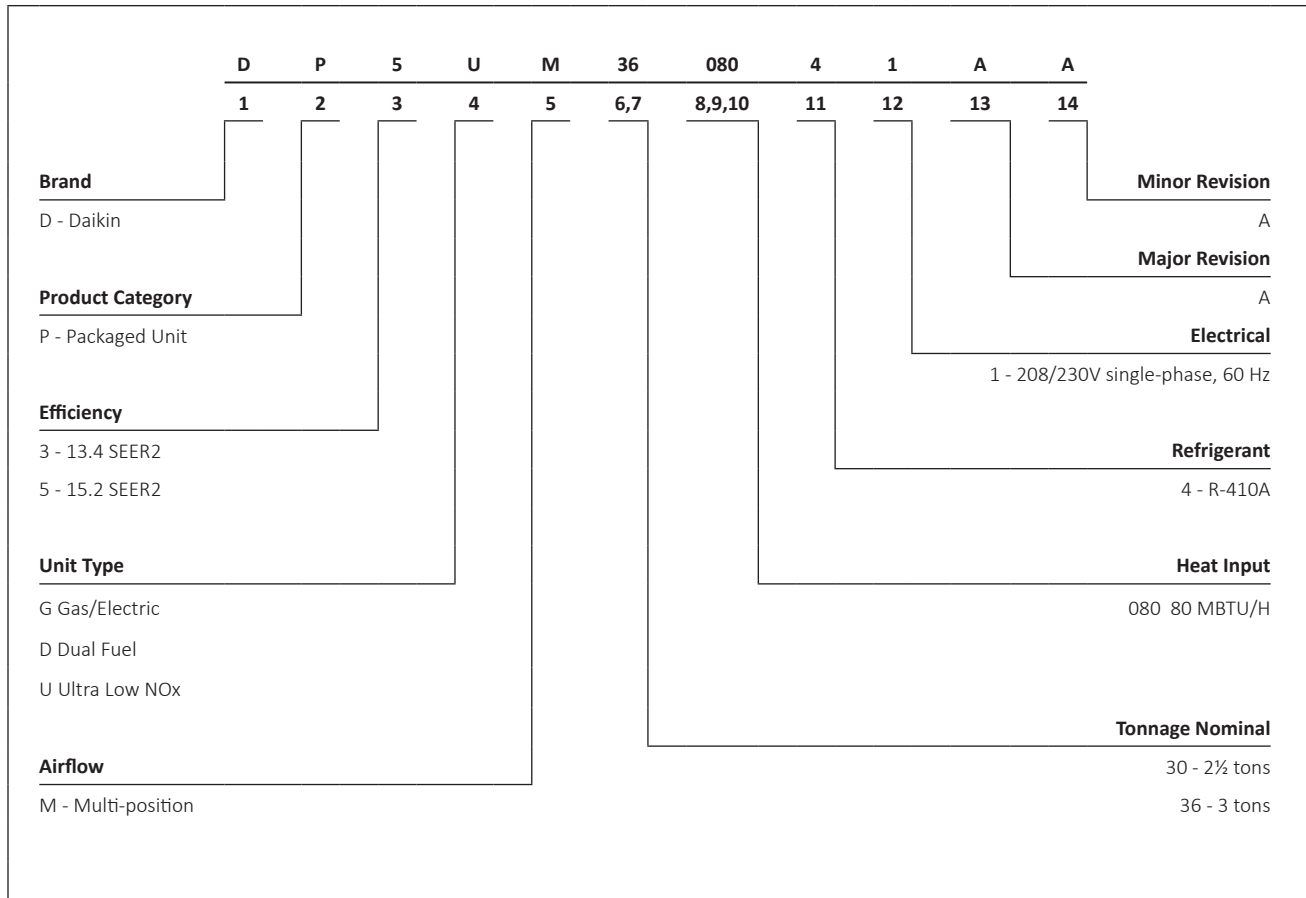
### ■ Cabinet Features

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



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

# NOMENCLATURE



	DP5UM 3008041A*	DP5UM 3608041A*
<b>COOLING CAPACITY</b>		
Total BTU/h	29,000	35,000
Sensible BTU/h	22,500	28,700
SEER / EER	14.6/ 11.2	15.2 / 11.2
Decibels	76	78
AHRI Reference #s	209319560	209319564
<b>HEATING CAPACITY</b>		
Input BTU/h	80,000	80,000
Output BTU/h	64,800	64,800
AFUE	81	81
Temperature Rise Range (°F)	30-60	35 - 65
No. of Burners	1	1
<b>EVAPORATOR MOTOR</b>		
Type	ECM	ECM
Wheel (D x W)	10" x 9"	11" x 10"
Indoor Nominal CFM	700 L / 950 H	825 L / 1180 H
No. of Speeds	Variable	Variable
Horsepower	1/2	3/4
<b>EVAPORATOR COIL</b>		
Face Area (ft <sup>2</sup> )	4.3	5.7
Rows Deep/Fins per Inch	3 / 14	4 / 14
Piston Size (Cooling)	TXV	TXV
Drain Size (NPT)	¾"	¾"
Refrigerant Charge (oz.)	64	114
<b>CONDENSER FAN / COIL</b>		
Horsepower - RPM	1/4 - 830	1/4 - 1075
Diameter / # of Blades	22" / 3	22" / 3
Outdoor Nominal CFM	2,200	3,100
Face Area (ft <sup>2</sup> )	8.7	14.4
Rows Deep/Fins per Inch	2 / 27	2 / 27
<b>COMPRESSOR</b>		
Quantity / Type / Stage	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA/LRA	13.1 / 73.0	14.1 / 84.2
<b>ELECTRICAL DATA</b>		
Voltage-Phase (Frequency 60Hz)	208/230-1	208/230-1
Indoor Blower FLA/LRA	4.3	6.8
Outdoor Fan FLA/LRA	1.3 / 3.0	1.4 / 3.2
Min. Circuit Ampacity <sup>1</sup>	22.0	25.8
Max. Overcurrent Protection <sup>2</sup>	35 amps	35 amps
<b>OPERATING / SHIP WEIGHTS (LBS)</b>	397 / 407	490 / 500

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

<sup>2</sup> May use fuses or HACR-type circuit breakers of the same size as noted.



IDB		Outdoor Ambient Temperature																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		Entering Indoor Wet Bulb Temperature																																															
		AIRFLOW																																															
560	MBh	21.3	21.6	22.2	23.2	21.1	21.4	22.0	23.0	20.5	20.8	21.5	22.4	19.6	19.9	20.5	21.5	18.4	18.7	19.3	20.3	17.3	17.6	18.3	19.2	18.4	18.7	19.3	20.3	17.3	17.6	18.3	19.2																
	S/T	1.00	0.80	0.65	0.51	1.00	0.80	0.66	0.51	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63																
	ΔT	28.11	26.28	22.88	19.35	28.06	26.23	22.83	19.30	28.31	26.49	23.08	19.55	28.04	26.21	22.81	19.28	27.79	25.97	22.56	19.03	28.94	27.11	23.71	20.18	27.79	25.97	22.56	19.03	28.94	27.11	23.71	20.18																
	KW	1.16	1.16	1.16	1.17	1.30	1.30	1.30	1.31	1.46	1.46	1.46	1.47	1.64	1.63	1.63	1.64	1.83	1.83	1.83	1.84	2.06	2.06	2.05	2.06	1.83	1.83	1.83	1.84	2.06	2.06	2.05	2.06																
	Amps	4.37	4.37	4.36	4.40	4.99	4.99	4.98	5.03	5.69	5.68	5.67	5.72	6.44	6.44	6.43	6.47	7.28	7.28	7.26	7.31	8.27	8.26	8.25	8.30	7.28	7.28	7.26	7.31	8.27	8.26	8.25	8.30																
	Hi/PR	251	252	254	258	291	292	294	298	332	333	335	339	377	378	380	384	425	426	428	432	476	478	479	484	425	426	428	432	476	478	479	484																
Lo/PR	123	125	128	133	131	132	136	141	137	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165	148	150	153	158	155	157	160	165																	
80	MBh	21.6	21.9	22.5	23.5	21.4	21.7	22.4	23.3	20.9	21.2	21.8	22.8	19.9	20.2	20.9	21.8	18.8	19.1	19.7	20.7	17.7	18.0	18.6	19.6	18.8	19.1	19.7	20.7	17.7	18.0	18.6	19.6																
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.84	0.69	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72																
	ΔT	26.67	24.85	21.44	17.91	26.62	24.80	21.39	17.86	26.88	25.05	21.65	18.12	26.60	24.78	21.37	17.84	26.36	24.54	21.13	17.60	27.50	25.68	22.27	18.74	26.36	24.54	21.13	17.60	27.50	25.68	22.27	18.74																
	KW	1.17	1.17	1.17	1.18	1.31	1.31	1.31	1.32	1.47	1.47	1.47	1.48	1.65	1.64	1.64	1.65	1.84	1.84	1.83	1.85	2.06	2.06	2.06	2.07	1.65	1.64	1.64	1.65	2.06	2.06	2.06	2.07																
	Amps	4.41	4.41	4.40	4.45	5.04	5.03	5.02	5.07	5.73	5.73	5.72	5.76	6.48	6.48	6.47	6.51	7.32	7.32	7.31	7.35	8.31	8.30	8.29	8.34	7.32	7.32	7.31	7.35	8.31	8.30	8.29	8.34																
	Hi/PR	254	255	257	261	293	295	296	301	335	336	338	342	380	381	382	387	428	429	431	435	479	480	482	486	428	429	431	435	479	480	482	486																
Lo/PR	126	127	130	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	161	158	159	162	168	151	152	155	161	158	159	162	168																	
840	MBh	22.4	22.7	23.3	24.3	22.2	22.5	23.1	24.1	21.7	22.0	22.6	23.6	20.7	21.0	21.6	22.6	19.5	19.8	20.5	21.4	18.5	18.8	19.4	20.4	19.5	19.8	20.5	21.4	18.5	18.8	19.4	20.4																
	S/T	1.00	0.93	0.79	0.64	1.00	0.93	0.79	0.64	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.71	1.00	1.00	0.91	0.77	1.00	1.00	0.86	0.71	1.00	1.00	0.91	0.77																
	ΔT	24.84	23.01	19.61	16.08	24.79	22.97	19.56	16.03	25.05	23.22	19.82	16.29	24.77	22.95	19.54	16.01	24.53	22.70	19.30	15.77	25.67	23.84	20.44	16.91	24.53	22.70	19.30	15.77	25.67	23.84	20.44	16.91																
	KW	1.18	1.18	1.18	1.19	1.32	1.32	1.32	1.33	1.48	1.48	1.48	1.49	1.66	1.66	1.66	1.66	1.85	1.85	1.85	1.86	2.08	2.08	2.07	2.08	1.66	1.66	1.66	1.66	2.08	2.08	2.07	2.08																
	Amps	4.47	4.46	4.45	4.50	5.09	5.09	5.07	5.12	5.78	5.78	5.77	5.82	6.54	6.53	6.52	6.57	7.38	7.37	7.36	7.41	8.36	8.36	8.35	8.39	7.38	7.37	7.36	7.41	8.36	8.36	8.35	8.39																
	Hi/PR	258	259	261	265	298	299	301	305	339	340	342	347	384	385	387	391	432	433	435	439	484	485	486	491	432	433	435	439	484	485	486	491																
Lo/PR	130	132	135	140	138	139	142	148	144	146	149	154	150	151	155	160	155	157	160	165	162	164	167	172	155	157	160	165	162	164	167	172																	
560	MBh	21.6	21.9	22.6	23.5	21.4	21.7	22.4	23.3	20.9	21.2	21.8	22.8	19.9	20.2	20.9	21.8	18.8	19.1	19.7	20.7	17.7	18.0	18.6	19.6	18.8	19.1	19.7	20.7	17.7	18.0	18.6	19.6																
	S/T	1.00	0.90	0.76	0.61	1.00	0.91	0.77	0.62	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.71	1.00	1.00	0.91	0.77	1.00	1.00	0.86	0.71	1.00	1.00	0.91	0.77																
	ΔT	31.69	29.86	26.46	22.93	31.64	29.81	26.41	22.88	31.89	30.07	26.66	23.13	31.62	29.79	26.39	22.86	31.38	29.55	26.14	22.62	32.52	30.69	27.29	23.76	31.38	29.55	26.14	22.62	32.52	30.69	27.29	23.76																
	KW	1.16	1.16	1.16	1.17	1.31	1.30	1.30	1.31	1.47	1.46	1.46	1.47	1.64	1.64	1.63	1.65	1.83	1.83	1.83	1.84	2.06	2.06	2.05	2.07	1.64	1.64	1.63	1.65	2.06	2.06	2.05	2.07																
	Amps	4.38	4.38	4.37	4.42	5.01	5.00	4.99	5.04	5.70	5.70	5.69	5.73	6.45	6.45	6.44	6.48	7.29	7.29	7.28	7.32	8.28	8.27	8.26	8.31	7.29	7.29	7.28	7.32	8.28	8.27	8.26	8.31																
	Hi/PR	252	253	255	260	292	293	295	299	333	334	336	341	378	379	381	385	426	427	429	433	478	479	481	485	426	427	429	433	478	479	481	485																
Lo/PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167	150	152	155	160	157	159	162	167																	
85	MBh	22.0	22.3	22.9	23.9	21.8	22.1	22.7	23.7	21.2	21.5	22.2	23.1	20.3	20.6	21.2	22.2	19.1	19.4	20.0	21.0	18.0	18.3	19.0	19.9	19.1	19.4	20.0	21.0	18.0	18.3	19.0	19.9																
	S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.82	0.82	1.00	1.00	0.92	0.77	1.00	1.00	0.82	0.82																
	ΔT	30.25	28.43	25.02	21.49	30.20	28.38	24.97	21.44	30.46	28.64	25.23	21.70	30.19	28.36	24.95	21.43	29.94	28.12	24.71	21.18	31.08	29.26	25.85	22.32	29.94	28.12	24.71	21.18	31.08	29.26	25.85	22.32																
	KW	1.17	1.17	1.17	1.18	1.32	1.31	1.31	1.32	1.48	1.47	1.47	1.48	1.65	1.65	1.64	1.66	1.84	1.84	1.84	1.85	2.07	2.07	2.06	2.07	1.65	1.65	1.64	1.66	2.07	2.07	2.06	2.07																
	Amps	4.43	4.42	4.41	4.46	5.05	5.04	5.03	5.08	5.74	5.74	5.73	5.78	6.49	6.49	6.48	6.53	7.33	7.33	7.32	7.37	8.32	8.31	8.30	8.35	7.33	7.33	7.32	7.37	8.32	8.31	8.30	8.35																
	Hi/PR	255	256	258	262	295	296	297	302	336	337	339	343	381	382	384	388	429	430	432	436	480	481	483	488	429	430	432	436	480	481	483	488																
Lo/PR	128	129	132	137	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	159	161	164	169	153	154	157	163	159	161	164	169																	
840	MBh	22.8	23.1	23.7	24.7	22.6	22.9	23.5	24.5	22.0	22.3	22.9	23.9	21.1	21.4	22.0	23.0	19.9	20.2	20.8	21.8	18.8	19.1	19.8	20.7	19.9	20.2	20.8	21.8	18.8	19.1	19.8	20.7																
	S/T	1.00	1.00	0.89	0.74	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.79	1.00	1.00	0.92	0.77	1.00	1.00	0.87	0.87	1.00	1.00	0.92	0.77	1.00	1.00	0.87	0.87																
	ΔT	28.42	26.60	23.19	19.66	28.37	26.55	23.14	19.61	28.63	26.80	23.40	19.87	28.35	26.53	23.12	19.59	28.11	26.28	22.88	19.35	29.25	27.43	24.02	20.49	28.11	26.28	22.88	19.35	29.25	27.43	24.02	20.49																
	KW	1.18	1.18	1.18	1.19	1.33	1.33	1.32	1.33	1.49	1.49	1.48	1.49	1.66	1.66	1.66	1.67	1.85	1.85	1.85	1.86	2.08	2.08	2.08	2.09	1.66	1.66	1.66	1.67	2.08	2.08	2.08	2.09																
	Amps	4.48	4.48	4.46	4.51																																												

EXPANDED DATA — DP5UM30\*\*\*41 STAGE 2

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
<b>70</b>	<b>800</b>	AIRFLOW	29.4	29.8	30.7	-	29.1	29.6	30.4	-	28.4	28.8	29.7	-	27.1	27.5	28.4	-	25.4	25.8	26.7	-	24.0	24.4	25.3	-											
		MBh	0.59	0.52	0.38	-	0.60	0.52	0.38	-	0.64	0.57	0.41	-	0.64	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.64	0.50	-											
		S/T	20.78	18.89	15.36	-	20.73	18.84	15.31	-	21.00	19.11	15.58	-	20.71	18.82	15.29	-	20.46	18.57	15.04	-	21.64	19.75	16.22	-											
		ΔT	1.84	1.84	1.84	-	2.07	2.07	2.07	-	2.33	2.32	2.32	-	2.60	2.60	2.59	-	2.91	2.91	2.90	-	3.27	3.27	3.26	-											
		KW	6.95	6.95	6.93	-	7.94	7.93	7.92	-	9.05	9.04	9.02	-	10.24	10.23	10.22	-	11.58	11.57	11.55	-	13.14	13.13	13.12	-											
	Amps	262	263	265	-	303	305	306	-	347	348	350	-	394	395	397	-	444	445	447	-	498	499	501	-												
	Hi PR	119	121	124	-	127	128	131	-	133	135	138	-	139	140	143	-	144	145	148	-	151	152	155	-												
	Lo PR	29.9	30.3	31.2	-	29.6	30.0	30.9	-	28.9	29.3	30.2	-	27.5	27.9	28.8	-	25.9	26.3	27.2	-	24.4	24.8	25.7	-												
	MBh	0.68	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-												
	S/T	19.30	17.41	13.88	-	19.25	17.36	13.83	-	19.51	17.62	14.09	-	19.23	17.34	13.81	-	18.98	17.08	13.56	-	20.16	18.27	14.74	-												
ΔT	1.86	1.86	1.85	-	2.09	2.09	2.08	-	2.34	2.34	2.34	-	2.62	2.61	2.61	-	2.92	2.92	2.92	-	3.28	3.28	3.28	-													
KW	7.02	7.01	7.00	-	8.01	8.00	7.98	-	9.11	9.11	9.09	-	10.31	10.30	10.28	-	11.64	11.63	11.62	-	13.21	13.20	13.18	-													
Amps	265	266	268	-	306	307	309	-	350	351	353	-	396	398	399	-	447	448	450	-	501	502	504	-													
Hi PR	122	123	126	-	129	130	134	-	135	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-													
Lo PR	31.0	31.4	32.3	-	30.7	31.1	32.0	-	29.9	30.4	31.2	-	28.6	29.0	29.9	-	27.0	27.4	28.3	-	25.5	25.9	26.8	-													
MBh	0.72	0.64	0.51	-	0.73	0.65	0.51	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-													
S/T	17.40	15.51	11.98	-	17.35	15.46	11.93	-	17.61	15.72	12.19	-	17.33	15.44	11.91	-	17.08	15.19	11.66	-	18.26	16.37	12.84	-													
ΔT	1.88	1.88	1.87	-	2.11	2.10	2.10	-	2.36	2.36	2.35	-	2.64	2.63	2.63	-	2.94	2.94	2.94	-	3.30	3.30	3.30	-													
KW	7.10	7.10	7.08	-	8.09	8.09	8.07	-	9.20	9.19	9.17	-	10.39	10.38	10.37	-	11.73	11.72	11.70	-	13.29	13.29	13.27	-													
Amps	269	271	272	-	311	312	314	-	354	355	357	-	401	402	404	-	451	453	454	-	505	506	508	-													
Hi PR	126	128	131	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-													
Lo PR	29.4	29.8	30.7	32.1	29.2	29.6	30.5	31.8	28.4	28.8	29.7	31.0	27.1	27.5	28.4	29.7	25.5	25.9	26.7	28.1	24.0	24.4	25.3	26.6													
<b>75</b>	<b>800</b>	AIRFLOW	0.72	0.65	0.51	0.36	0.73	0.65	0.52	0.37	1.00	0.68	0.54	0.40	1.00	0.70	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.77	0.64	0.49											
		MBh	24.94	23.05	19.52	15.86	24.89	23.00	19.47	15.81	25.15	23.26	19.73	16.08	24.87	22.98	19.45	15.79	24.62	22.73	19.20	15.54	25.80	23.91	20.38	16.72											
		S/T	1.84	1.84	1.84	1.85	2.07	2.07	2.06	2.08	2.32	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.91	2.90	2.90	2.92	3.27	3.26	3.26	3.28											
		ΔT	6.95	6.94	6.92	7.00	7.94	7.93	7.91	7.99	9.04	9.03	9.02	9.09	10.23	10.23	10.21	10.29	11.57	11.56	11.54	11.62	13.14	13.13	13.11	13.19											
		KW	262	263	265	270	304	305	307	311	347	348	350	355	394	395	397	401	444	445	447	452	498	499	501	505											
	Amps	120	121	124	129	127	128	131	136	133	135	138	143	139	140	143	148	144	145	148	154	151	152	155	160												
	Hi PR	29.9	30.3	31.2	32.6	29.6	30.1	30.9	32.3	28.9	29.3	30.2	31.5	27.5	28.0	28.8	30.2	25.9	26.3	27.2	28.6	24.5	24.9	25.7	27.1												
	Lo PR	0.81	0.73	0.59	0.45	0.81	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	0.86	0.72	0.57												
	MBh	23.45	21.56	18.03	14.38	23.40	21.51	17.98	14.33	23.67	21.78	18.25	14.59	23.38	21.49	17.96	14.31	23.13	21.24	17.71	14.05	24.31	22.42	18.89	15.24												
	S/T	1.86	1.86	1.85	1.87	2.09	2.08	2.08	2.10	2.34	2.34	2.33	2.35	2.61	2.61	2.61	2.63	2.92	2.92	2.92	2.93	3.28	3.28	3.28	3.29												
ΔT	7.01	7.01	6.99	7.06	8.00	7.99	7.98	8.05	9.11	9.10	9.08	9.16	10.30	10.29	10.28	10.35	11.64	11.63	11.61	11.69	13.20	13.19	13.18	13.25													
KW	265	266	268	273	306	308	309	314	350	351	353	357	397	398	398	400	447	448	450	455	501	502	504	508													
Amps	122	123	126	131	129	131	134	139	135	137	140	145	141	142	145	150	146	148	151	156	153	154	157	162													
Hi PR	31.0	31.4	32.3	33.6	30.7	31.2	32.0	33.4	30.0	30.4	31.3	32.6	28.6	29.1	29.9	31.3	27.0	27.4	28.3	29.7	25.5	26.0	26.8	28.2													
Lo PR	0.85	0.77	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	1.00	0.76	0.62													
MBh	21.56	19.67	16.14	12.48	21.50	19.61	16.08	12.43	21.77	19.88	16.35	12.69	21.48	19.59	16.06	12.41	21.23	19.34	15.81	12.16	22.42	20.52	17.00	13.34													
S/T	1.88	1.88	1.87	1.89	2.11	2.10	2.10	2.12	2.36	2.36	2.35	2.37	2.63	2.63	2.63	2.65	2.94	2.94	2.94	2.95	3.30	3.30	3.30	3.31													
ΔT	7.10	7.09	7.07	7.15	8.09	8.08	8.06	8.14	9.19	9.18	9.17	9.24	10.39	10.38	10.36	10.44	11.72	11.71	11.70	11.77	13.29	13.28	13.26	13.34													
KW	270	271	273	277	311	312	314	319	354	356	357	362	401	402	404	409	452	453	455	459	505	507	508	513													
Amps	126	128	131	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	160	157	159	162	167													
Hi PR	126	128	131	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	160	157	159	162	167													
Lo PR	kW = Total system power																																				

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED DATA — DP5UM30\*\*\*41 STAGE 2 (CONT.)

IDB	AIRFLOW	Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
																			Entering Indoor Wet Bulb Temperature																		
80	MBh	29.6	30.0	30.9	32.2	29.3	29.7	30.6	32.0	28.5	29.0	29.8	31.2	27.2	27.6	28.5	29.9	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.8				
	S/T	0.85	0.77	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.57	1.00	1.00	0.76	0.62	1.00	1.00	0.71	0.57	1.00	1.00	0.76	0.62				
	ΔT	29.13	27.23	23.71	20.05	29.07	27.18	23.65	20.00	29.34	27.45	23.92	20.26	29.05	27.16	23.63	19.98	28.80	26.91	23.38	19.72	29.99	28.09	24.57	20.91	28.80	26.91	23.38	19.72	29.99	28.09	24.57	20.91				
	KW	1.84	1.84	1.84	1.86	2.07	2.07	2.07	2.08	2.33	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.91	2.91	2.91	2.90	2.92	3.27	3.27	3.26	3.28	2.91	2.91	2.90	2.92	3.27	3.27	3.26	3.28			
	Amps	6.95	6.94	6.93	7.00	7.94	7.93	7.92	7.99	9.05	9.04	9.02	9.10	10.24	10.23	10.22	10.29	11.57	11.57	11.57	11.55	11.63	13.14	13.13	13.12	13.19	11.57	11.57	11.55	11.63	13.14	13.13	13.12	13.19			
	Hi-PR	263	264	266	270	304	305	307	312	348	349	350	355	394	395	397	402	445	446	446	448	452	498	500	501	506	445	446	448	452	498	500	501	506			
	Lo-PR	120	122	125	130	127	129	132	137	134	135	138	143	139	141	144	149	144	144	146	149	154	151	153	156	161	144	146	149	154	151	153	156	161			
	MBh	30.1	30.5	31.4	32.7	29.8	30.2	31.1	32.4	29.0	29.4	30.3	31.7	27.7	28.1	29.0	30.3	26.1	26.5	27.4	28.7	24.6	25.0	25.9	27.2	26.1	26.5	27.4	28.7	24.6	25.0	25.9	27.2				
	S/T	0.93	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70				
	ΔT	27.64	25.75	22.22	18.56	27.59	25.70	22.17	18.51	27.85	25.96	22.43	18.78	27.57	25.68	22.15	18.49	27.32	25.43	21.90	18.24	28.50	26.61	23.08	19.42	27.32	25.43	21.90	18.24	28.50	26.61	23.08	19.42				
KW	1.86	1.86	1.85	1.87	2.09	2.09	2.08	2.10	2.36	2.36	2.35	2.37	2.63	2.63	2.63	2.65	2.94	2.94	2.94	2.94	2.95	3.30	3.30	3.30	3.31	2.94	2.94	2.94	2.95	3.30	3.30	3.30	3.31				
Amps	7.10	7.10	7.08	7.15	8.09	8.08	8.07	8.14	9.20	9.19	9.17	9.25	10.39	10.38	10.37	10.44	11.73	11.72	11.70	11.78	13.29	13.28	13.27	13.34	11.73	11.72	11.70	11.78	13.29	13.28	13.27	13.34					
Hi-PR	270	271	273	278	312	313	315	319	355	356	358	363	402	403	405	409	452	453	453	455	460	506	507	509	513	452	453	455	460	506	507	509	513				
Lo-PR	127	128	131	136	134	135	139	144	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	167	151	153	156	161	158	159	162	167					
MBh	31.2	31.6	32.4	33.8	30.9	31.3	32.2	33.5	30.1	30.5	31.4	32.8	28.8	29.2	30.1	31.4	27.2	27.6	28.5	29.8	25.7	26.1	27.0	28.3	27.2	27.6	28.5	29.8	25.7	26.1	27.0	28.3					
S/T	1.00	0.90	0.76	0.62	1.00	0.91	0.77	0.63	1.00	0.93	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.89	0.75	1.00	1.00	0.84	0.69	1.00	1.00	0.89	0.75					
ΔT	25.74	23.85	20.32	16.66	25.69	23.80	20.27	16.61	25.95	24.06	20.53	16.88	25.67	23.78	20.25	16.59	25.42	23.53	20.00	16.34	26.60	24.71	21.18	17.52	25.42	23.53	20.00	16.34	26.60	24.71	21.18	17.52					
KW	1.88	1.88	1.87	1.89	2.11	2.10	2.10	2.12	2.36	2.36	2.35	2.37	2.63	2.63	2.63	2.65	2.94	2.94	2.94	2.94	2.95	3.30	3.30	3.30	3.31	2.94	2.94	2.94	2.95	3.30	3.30	3.30	3.31				
Amps	7.10	7.10	7.08	7.15	8.09	8.08	8.07	8.14	9.20	9.19	9.17	9.25	10.39	10.38	10.37	10.44	11.73	11.72	11.70	11.78	13.29	13.28	13.27	13.34	11.73	11.72	11.70	11.78	13.29	13.28	13.27	13.34					
Hi-PR	270	271	273	278	312	313	315	319	355	356	358	363	402	403	405	409	452	453	453	455	460	506	507	509	513	452	453	455	460	506	507	509	513				
Lo-PR	127	128	131	136	134	135	139	144	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	167	151	153	156	161	158	159	162	167					
MBh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	32.9	29.5	29.9	30.8	32.2	28.2	28.6	29.5	30.8	26.6	27.0	27.9	29.2	25.1	25.5	26.4	27.7	26.6	27.0	27.9	29.2	25.1	25.5	26.4	27.7					
S/T	1.00	0.96	0.82	0.68	1.00	0.97	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.80	0.80	1.00	1.00	0.90	0.75	1.00	1.00	0.80	0.80					
ΔT	31.35	29.46	25.93	22.27	31.30	29.41	25.88	22.22	31.56	29.67	26.14	22.49	31.28	29.39	25.86	22.20	31.03	29.14	25.61	21.95	32.21	30.32	26.79	23.13	31.03	29.14	25.61	21.95	32.21	30.32	26.79	23.13					
KW	1.86	1.86	1.86	1.88	2.09	2.09	2.09	2.10	2.35	2.34	2.34	2.36	2.62	2.62	2.61	2.63	2.93	2.93	2.92	2.94	3.29	3.29	3.28	3.30	2.93	2.93	2.92	2.94	3.29	3.29	3.28	3.30					
Amps	7.04	7.03	7.01	7.09	8.03	8.02	8.00	8.08	9.13	9.12	9.11	9.18	10.33	10.32	10.30	10.38	11.66	11.65	11.64	11.71	13.23	13.22	13.20	13.28	11.66	11.65	11.64	11.71	13.23	13.22	13.20	13.28					
Hi-PR	267	268	270	274	308	309	311	316	352	353	355	359	398	399	401	406	449	450	452	456	502	504	505	510	449	450	452	456	502	504	505	510					
Lo-PR	124	126	129	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165	148	150	153	158	155	157	160	165					
MBh	31.6	32.1	32.9	34.3	31.4	31.8	32.7	34.0	30.6	31.0	31.9	33.3	29.3	29.7	30.6	31.9	27.7	28.1	29.0	30.3	26.2	26.6	27.5	28.8	27.7	28.1	29.0	30.3	26.2	26.6	27.5	28.8					
S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.80	1.00	1.00	0.85	0.85	1.00	1.00	0.94	0.80	1.00	1.00	0.85	0.85					
ΔT	29.45	27.56	24.03	20.37	29.40	27.51	23.98	20.32	29.67	27.78	24.25	20.59	29.38	27.49	23.96	20.30	29.13	27.24	23.71	20.05	30.31	28.42	24.89	21.23	29.13	27.24	23.71	20.05	30.31	28.42	24.89	21.23					
KW	1.88	1.88	1.88	1.89	2.11	2.11	2.10	2.12	2.36	2.36	2.36	2.38	2.64	2.64	2.63	2.65	2.95	2.94	2.94	2.96	3.31	3.30	3.30	3.32	2.95	2.94	2.94	2.96	3.31	3.30	3.30	3.32					
Amps	7.12	7.11	7.10	7.17	8.11	8.10	8.09	8.16	9.22	9.21	9.19	9.27	10.41	10.40	10.39	10.46	11.74	11.74	11.72	11.80	13.31	13.30	13.29	13.36	11.74	11.74	11.72	11.80	13.31	13.30	13.29	13.36					
Hi-PR	271	273	274	279	313	314	316	320	356	357	359	364	403	404	406	411	453	454	454	456	461	507	508	510	515	453	454	456	461	507	508	510	515				
Lo-PR	128	130	133	138	136	137	140	145	142	144	147	152	148	149	152	157	153	154	157	163	160	161	164	169	153	154	157	163	160	161	164	169					

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects AHRI conditions.  
 KW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



EXPANDED DATA — DP5UM36\*\*\*41 STAGE 1

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	25.6	26.0	26.7	-	25.4	25.7	26.5	-	24.7	25.1	25.8	-	23.6	23.9	24.7	-	22.1	22.5	23.3	-	20.9	21.2	22.0	-
	S/T	0.66	0.57	0.43	-	0.66	0.65	0.50	-	1.00	0.61	0.46	-	1.00	0.63	0.48	-	1.00	0.65	0.51	-	1.00	1.00	0.56	-
	ΔT	19.54	17.74	14.36	-	19.49	17.69	14.31	-	19.75	17.94	14.57	-	19.47	17.67	14.29	-	19.23	17.43	14.05	-	20.36	18.56	15.18	-
	KW	1.44	1.44	1.44	-	1.60	1.60	1.60	-	1.78	1.78	1.78	-	1.98	1.97	1.97	-	2.19	2.19	2.19	-	2.45	2.45	2.45	-
	Amps	5.07	5.06	5.05	-	5.77	5.77	5.75	-	6.55	6.55	6.54	-	7.40	7.40	7.38	-	8.35	8.34	8.33	-	9.46	9.45	9.44	-
	Hi-PR	245	246	248	-	284	285	287	-	324	325	327	-	368	369	371	-	415	416	418	-	465	466	468	-
	Lo-PR	130	131	134	-	137	139	142	-	144	146	149	-	150	152	155	-	156	157	161	-	163	165	168	-
	MBh	25.9	26.3	27.1	-	25.7	26.1	26.8	-	25.0	25.4	26.2	-	23.9	24.3	25.0	-	22.5	22.8	23.6	-	21.2	21.6	22.3	-
	S/T	0.72	0.64	0.49	-	0.73	0.65	0.50	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.72	0.57	-	1.00	1.00	0.63	-
	ΔT	18.45	16.64	13.27	-	18.40	16.59	13.22	-	18.66	16.85	13.47	-	18.38	16.58	13.20	-	18.14	16.33	12.96	-	19.27	17.47	14.09	-
KW	1.45	1.45	1.44	-	1.61	1.61	1.61	-	1.79	1.79	1.79	-	1.98	1.98	1.98	-	2.20	2.20	2.20	-	2.46	2.46	2.45	-	
Amps	5.11	5.10	5.09	-	5.81	5.80	5.79	-	6.59	6.59	6.57	-	7.44	7.43	7.42	-	8.39	8.38	8.37	-	9.50	9.49	9.48	-	
Hi-PR	247	248	250	-	286	287	289	-	326	327	329	-	370	371	373	-	417	418	420	-	467	468	470	-	
Lo-PR	131	133	136	-	139	141	144	-	146	148	151	-	152	154	157	-	158	159	163	-	165	167	170	-	
MBh	26.3	26.7	27.5	-	26.1	26.5	27.2	-	25.4	25.8	26.6	-	24.3	24.7	25.4	-	22.9	23.3	24.0	-	21.6	22.0	22.7	-	
S/T	0.76	0.67	0.53	-	0.76	0.68	0.53	-	1.00	0.71	0.56	-	1.00	0.73	0.58	-	1.00	0.75	0.61	-	1.00	1.00	0.66	-	
ΔT	17.53	15.72	12.35	-	17.48	15.67	12.30	-	17.74	15.93	12.55	-	17.46	15.66	12.28	-	17.22	15.41	12.04	-	18.35	16.55	13.17	-	
KW	1.46	1.45	1.45	-	1.62	1.62	1.61	-	1.80	1.80	1.79	-	1.99	1.99	1.99	-	2.21	2.21	2.21	-	2.46	2.46	2.46	-	
Amps	5.14	5.13	5.12	-	5.84	5.83	5.82	-	6.62	6.62	6.60	-	7.47	7.46	7.45	-	8.42	8.41	8.40	-	9.53	9.52	9.51	-	
Hi-PR	249	250	252	-	288	289	291	-	328	329	331	-	372	373	375	-	419	420	422	-	469	470	472	-	
Lo-PR	134	135	138	-	141	143	146	-	148	150	153	-	154	156	159	-	160	162	165	-	167	169	172	-	
75	MBh	25.6	26.0	26.7	27.9	25.4	25.7	26.5	27.7	24.7	25.1	25.8	27.0	23.6	23.9	24.7	25.9	22.2	22.5	23.3	24.5	20.9	21.2	22.0	23.2
	S/T	0.80	0.71	0.57	0.41	1.00	0.72	0.57	0.42	1.00	0.75	0.60	0.45	1.00	0.77	0.62	0.47	1.00	1.00	0.65	0.49	1.00	1.00	0.70	0.55
	ΔT	23.52	21.71	18.33	14.84	23.47	21.66	18.29	14.79	23.72	21.91	18.54	15.04	23.45	21.64	18.27	14.77	23.21	21.40	18.03	14.53	24.34	22.53	19.16	15.66
	KW	1.44	1.44	1.43	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	1.97	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.45	2.45	2.44	2.46
	Amps	5.07	5.06	5.05	5.10	5.77	5.76	5.75	5.80	6.55	6.54	6.53	6.59	7.40	7.39	7.38	7.43	8.34	8.34	8.33	8.38	9.45	9.45	9.44	9.49
	Hi-PR	245	246	248	252	284	285	287	291	325	326	327	332	368	369	371	375	415	416	418	422	465	466	468	472
	Lo-PR	130	131	134	140	137	139	142	148	144	146	149	155	150	152	155	161	156	158	161	166	163	165	168	174
	MBh	26.0	26.3	27.1	28.2	25.7	26.1	26.9	28.0	25.1	25.4	26.2	27.4	23.9	24.3	25.0	26.2	22.5	22.9	23.6	24.8	21.2	21.6	22.3	23.5
	S/T	0.86	0.78	0.63	0.48	1.00	0.78	0.64	0.48	1.00	0.81	0.67	0.51	1.00	0.83	0.69	0.53	1.00	1.00	0.71	0.56	1.00	1.00	0.77	0.61
	ΔT	22.42	20.62	17.24	13.75	22.38	20.57	17.19	13.70	22.63	20.82	17.45	13.95	22.36	20.55	17.17	13.68	22.12	20.31	16.93	13.44	23.25	21.44	18.06	14.57
KW	1.45	1.45	1.44	1.46	1.61	1.61	1.60	1.62	1.79	1.79	1.78	1.80	1.98	1.98	1.98	1.99	2.20	2.20	2.20	2.21	2.46	2.46	2.45	2.46	
Amps	5.10	5.10	5.08	5.14	5.80	5.80	5.79	5.84	6.59	6.58	6.57	6.62	7.43	7.43	7.42	7.47	8.38	8.37	8.36	8.42	9.49	9.49	9.47	9.53	
Hi-PR	247	248	250	254	286	287	289	293	327	328	329	334	370	371	373	377	417	418	420	424	467	469	470	475	
Lo-PR	131	133	136	142	139	141	144	150	146	148	151	157	152	154	157	163	158	159	163	168	165	167	170	175	
MBh	26.4	26.7	27.5	28.7	26.1	26.5	27.3	28.4	25.5	25.8	26.6	27.8	24.3	24.7	25.4	26.6	22.9	23.3	24.0	25.2	21.6	22.0	22.7	23.9	
S/T	1.00	0.81	0.67	0.51	1.00	0.82	0.67	0.52	1.00	0.85	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.75	0.59	1.00	1.00	0.80	0.65	
ΔT	21.51	19.70	16.32	12.83	21.46	19.65	16.27	12.78	21.71	19.90	16.53	13.03	21.44	19.63	16.26	12.76	21.20	19.39	16.01	12.52	22.33	20.52	17.15	13.65	
KW	1.45	1.45	1.45	1.46	1.62	1.61	1.61	1.62	1.80	1.79	1.79	1.80	1.99	1.99	1.99	2.00	2.21	2.21	2.20	2.22	2.46	2.46	2.46	2.47	
Amps	5.13	5.13	5.11	5.17	5.83	5.83	5.82	5.87	6.62	6.61	6.60	6.65	7.46	7.46	7.45	7.50	8.41	8.41	8.39	8.45	9.52	9.52	9.50	9.56	
Hi-PR	249	250	252	256	288	289	291	295	329	330	331	336	372	373	375	379	419	420	422	426	469	471	472	477	
Lo-PR	134	135	138	144	141	143	146	152	148	150	153	159	154	156	159	165	160	162	165	170	167	169	172	178	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



EXPANDED DATA — DP5UM36\*\*\*41 STAGE 1 (CONT.)

IDB	AIRFLOW	Outdoor Ambient Temperature												115°F													
		65°F				75°F				85°F					95°F				105°F								
		59	63	67	71	59	63	67	71	59	63	67	71		59	63	67	71	59	63	67	71					
80	735	MBh	25.8	26.1	26.9	28.0	25.5	25.9	26.6	27.8	24.9	25.2	26.0	27.1	23.7	24.1	24.8	26.0	22.3	22.7	23.4	24.6	21.0	21.4	22.1	23.3	
		S/T	1.00	0.85	0.70	0.55	1.00	0.86	0.71	0.55	1.00	0.86	0.71	0.55	1.00	0.86	0.71	0.55	1.00	1.00	0.78	0.63	1.00	1.00	0.78	0.63	
	840	ΔT	27.52	25.71	22.34	18.84	27.47	25.66	22.29	18.79	27.72	25.91	22.54	19.04	27.45	25.64	22.27	18.77	27.21	25.40	22.03	18.53	28.34	26.53	23.16	19.66	
		KW	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	1.98	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.45	2.45	2.45	2.46	
	945	Amps	5.07	5.06	5.05	5.11	5.77	5.77	5.75	5.81	6.55	6.55	6.54	6.59	7.40	7.40	7.38	7.44	8.35	8.34	8.33	8.38	9.46	9.45	9.44	9.49	
		Hi-PR	246	247	249	253	284	286	287	291	325	326	328	332	369	370	371	376	416	417	418	423	466	467	469	473	
	85	735	Lo-PR	130	132	135	141	138	140	143	148	145	147	150	155	151	152	156	161	156	158	161	167	164	165	169	174
			MBh	26.1	26.4	27.2	28.4	25.9	26.2	27.0	28.2	25.2	25.6	26.3	27.5	24.0	24.4	25.2	26.3	22.6	23.0	23.8	24.9	21.3	21.7	22.5	23.6
		840	S/T	1.00	0.91	0.77	0.61	1.00	0.92	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.69	1.00	1.00	0.85	0.69
			ΔT	26.43	24.62	21.24	17.75	26.38	24.57	21.19	17.70	26.63	24.82	21.45	17.95	26.36	24.55	21.18	17.68	26.12	24.31	20.93	17.44	27.25	25.44	22.07	18.57
945		KW	1.45	1.45	1.44	1.46	1.61	1.61	1.61	1.62	1.79	1.79	1.79	1.80	1.98	1.98	1.98	1.99	2.20	2.20	2.20	2.21	2.46	2.46	2.45	2.47	
		Amps	5.14	5.10	5.09	5.14	5.81	5.80	5.79	5.84	6.59	6.58	6.57	6.63	7.44	7.43	7.42	7.47	8.38	8.38	8.37	8.42	9.49	9.49	9.48	9.53	
735		Hi-PR	248	249	251	255	287	288	289	294	327	328	330	334	371	372	373	378	418	419	420	425	468	469	471	475	
		Lo-PR	132	134	137	142	140	142	145	150	147	148	152	157	153	154	158	163	158	160	163	169	166	167	170	176	
85		735	MBh	26.2	26.5	27.3	28.5	26.0	26.3	27.1	28.2	25.3	25.6	26.4	27.6	24.1	24.5	25.3	26.4	22.7	23.1	23.9	25.0	21.4	21.8	22.6	23.7
			S/T	1.00	0.96	0.81	0.66	1.00	1.00	0.82	0.66	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.71	1.00	1.00	0.80	0.74	1.00	1.00	0.80	0.79
	840	ΔT	31.07	29.26	25.88	22.39	31.02	29.21	25.83	22.34	31.27	29.46	26.09	22.59	31.00	29.19	25.82	22.32	30.76	28.95	25.57	22.08	31.89	30.08	26.71	23.21	
		KW	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	1.98	1.98	1.97	1.99	2.20	2.20	2.19	2.21	2.45	2.45	2.45	2.46	
	945	Amps	5.08	5.08	5.06	5.12	5.78	5.78	5.77	5.82	6.57	6.56	6.55	6.60	7.41	7.41	7.40	7.45	8.36	8.36	8.34	8.40	9.47	9.47	9.45	9.51	
		Hi-PR	247	248	250	254	286	287	288	293	326	327	329	333	370	371	373	377	417	418	420	424	467	468	470	474	
	735	Lo-PR	132	134	137	143	140	142	145	150	147	148	152	157	153	154	158	163	158	160	163	169	166	167	171	176	
		MBh	26.5	26.9	27.6	28.8	26.3	26.7	27.4	28.6	25.6	26.0	26.7	27.9	24.4	24.8	25.6	26.7	23.0	23.4	24.2	25.3	21.8	22.1	22.9	24.0	
	840	S/T	1.00	1.00	0.88	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.91	0.76	1.00	1.00	0.90	0.78	1.00	1.00	0.80	0.80	1.00	1.00	0.80	0.86	
		ΔT	29.97	28.17	24.79	21.30	29.92	28.12	24.74	21.25	30.18	28.37	25.00	21.50	29.91	28.10	24.72	21.23	29.66	27.86	24.48	20.99	30.80	28.99	25.61	22.12	
945	KW	1.45	1.45	1.45	1.46	1.61	1.61	1.61	1.62	1.79	1.79	1.79	1.80	1.99	1.99	1.98	2.00	2.21	2.20	2.20	2.21	2.46	2.46	2.46	2.47		
	Amps	5.12	5.11	5.10	5.16	5.82	5.81	5.80	5.86	6.60	6.60	6.59	6.64	7.45	7.45	7.43	7.49	8.40	8.39	8.38	8.43	9.51	9.50	9.49	9.54		
735	Hi-PR	249	250	252	256	288	289	290	295	328	329	331	335	372	373	375	379	419	420	422	426	469	470	472	476		
	Lo-PR	134	136	139	144	142	143	147	152	149	150	154	159	155	156	160	165	160	162	165	171	168	169	172	178		
840	MBh	26.9	27.3	28.0	29.2	26.7	27.1	27.8	29.0	26.0	26.4	27.2	28.3	24.9	25.2	26.0	27.2	23.5	23.8	24.6	25.8	22.2	22.5	23.3	24.5		
	S/T	1.00	1.00	0.91	0.76	1.00	1.00	0.92	0.77	1.00	1.00	0.95	0.79	1.00	1.00	0.90	0.81	1.00	1.00	0.84	0.84	1.00	1.00	0.84	0.89		
945	ΔT	29.05	27.25	23.87	20.38	29.01	27.20	23.82	20.33	29.26	27.45	24.08	20.58	28.99	27.18	23.80	20.31	28.75	26.94	23.56	20.07	29.88	28.07	24.69	21.20		
	KW	1.46	1.46	1.45	1.47	1.62	1.62	1.62	1.63	1.80	1.80	1.80	1.81	1.99	1.99	1.99	2.00	2.21	2.21	2.21	2.22	2.47	2.47	2.46	2.48		
735	Amps	5.15	5.14	5.13	5.19	5.85	5.85	5.83	5.89	6.63	6.63	6.62	6.67	7.48	7.48	7.46	7.52	8.43	8.42	8.41	8.46	9.54	9.53	9.52	9.58		
	Hi-PR	251	252	254	258	290	291	292	297	330	331	333	337	374	375	377	381	421	422	424	428	471	472	474	478		
840	Lo-PR	136	138	141	147	144	146	149	154	151	152	156	161	157	158	162	167	162	164	167	173	170	171	175	180		
	MBh	26.9	27.3	28.0	29.2	26.7	27.1	27.8	29.0	26.0	26.4	27.2	28.3	24.9	25.2	26.0	27.2	23.5	23.8	24.6	25.8	22.2	22.5	23.3	24.5		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects AHRI conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
<b>1050</b>	MBh	35.6	36.1	37.2	-	35.3	35.8	36.9	-	34.4	34.9	35.9	-	32.8	33.3	34.3	-	30.8	31.3	32.4	-	29.0	29.5	30.6	-												
	S/T	0.64	0.56	0.42	-	0.65	0.56	0.42	-	0.67	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.64	0.49	-	1.00	0.69	0.55	-												
	ΔT	20.25	18.38	14.88	-	20.20	18.33	14.83	-	20.46	18.59	15.09	-	20.18	18.31	14.81	-	19.93	18.06	14.56	-	21.10	19.23	15.73	-												
	KW	2.29	2.29	2.28	-	2.55	2.54	2.54	-	2.83	2.83	2.83	-	3.14	3.14	3.14	-	3.49	3.49	3.48	-	3.89	3.89	3.89	-												
	Amps	8.06	8.05	8.03	-	9.18	9.17	9.15	-	10.42	10.41	10.39	-	11.77	11.76	11.74	-	13.27	13.26	13.25	-	15.04	15.03	15.01	-												
	Hi-PR	256	257	259	-	297	298	300	-	339	340	342	-	385	386	388	-	434	435	437	-	487	488	489	-												
	Lo-PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	152	153	156	-	159	160	163	-												
	MBh	36.1	36.6	37.6	-	35.8	36.3	37.3	-	34.8	35.3	36.4	-	33.2	33.7	34.8	-	31.3	31.8	32.8	-	29.5	30.0	31.1	-												
	S/T	0.70	0.62	0.48	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-												
	ΔT	19.12	17.25	13.75	-	19.07	17.20	13.70	-	19.33	17.46	13.96	-	19.05	17.18	13.68	-	18.80	16.93	13.43	-	19.97	18.10	14.60	-												
<b>1200</b>	KW	2.30	2.30	2.30	-	2.56	2.56	2.55	-	2.85	2.84	2.84	-	3.15	3.15	3.15	-	3.50	3.50	3.49	-	3.91	3.91	3.90	-												
	Amps	8.12	8.11	8.09	-	9.23	9.22	9.21	-	10.48	10.47	10.45	-	11.83	11.82	11.80	-	13.33	13.32	13.30	-	15.10	15.09	15.07	-												
	Hi-PR	259	260	261	-	299	300	302	-	341	343	344	-	387	388	390	-	436	437	439	-	489	490	492	-												
	Lo-PR	128	129	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-												
	MBh	36.6	37.1	38.2	-	36.3	36.8	37.9	-	35.4	35.9	37.0	-	33.8	34.3	35.4	-	31.8	32.3	33.4	-	30.0	30.6	31.6	-												
	S/T	0.74	0.66	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.73	0.59	-	1.00	1.00	0.65	-												
	ΔT	18.17	16.29	12.80	-	18.12	16.24	12.75	-	18.38	16.51	13.01	-	18.10	16.22	12.73	-	17.85	15.97	12.48	-	19.02	17.15	13.65	-												
	KW	2.31	2.31	2.31	-	2.57	2.57	2.56	-	2.86	2.85	2.85	-	3.17	3.16	3.16	-	3.51	3.51	3.51	-	3.92	3.92	3.91	-												
	Amps	8.17	8.16	8.14	-	9.28	9.27	9.25	-	10.53	10.52	10.50	-	11.87	11.87	11.85	-	13.38	13.37	13.35	-	15.15	15.14	15.12	-												
	Hi-PR	261	262	264	-	301	302	304	-	344	345	346	-	389	390	392	-	438	439	441	-	491	492	494	-												
Lo-PR	130	131	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	157	160	-	163	164	167	-													
<b>1350</b>	MBh	35.6	36.1	37.2	38.8	35.3	35.8	36.9	38.5	34.4	34.9	35.9	37.6	32.8	33.3	34.3	36.0	30.8	31.3	32.4	34.0	29.0	29.5	30.6	32.2												
	S/T	0.77	0.69	0.55	0.40	1.00	0.70	0.56	0.41	1.00	0.73	0.58	0.43	1.00	0.75	0.60	0.45	1.00	0.77	0.63	0.48	1.00	1.00	0.68	0.53												
	ΔT	24.37	22.50	19.00	15.38	24.32	22.45	18.95	15.33	24.58	22.71	19.21	15.59	24.30	22.43	18.93	15.31	24.05	22.18	18.68	15.06	25.22	23.35	19.85	16.23												
	KW	2.29	2.29	2.28	2.30	2.54	2.54	2.54	2.56	2.83	2.83	2.82	2.84	3.14	3.14	3.13	3.15	3.49	3.48	3.48	3.50	3.89	3.89	3.89	3.91												
	Amps	8.05	8.04	8.03	8.11	9.17	9.16	9.14	9.23	10.41	10.40	10.39	10.47	11.76	11.75	11.73	11.82	13.27	13.26	13.24	13.32	15.03	15.02	15.00	15.09												
	Hi-PR	257	258	260	264	297	298	300	304	339	341	342	347	385	386	388	392	434	435	437	442	487	488	490	494												
	Lo-PR	126	128	131	136	134	135	138	144	140	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169												
	MBh	36.1	36.6	37.7	39.3	35.8	36.3	37.3	39.0	34.8	35.4	36.4	38.0	33.2	<b>33.8</b>	34.8	36.4	31.3	31.8	32.9	34.5	29.5	30.0	31.1	32.7												
	S/T	0.84	0.76	0.61	0.46	1.00	0.76	0.62	0.47	1.00	0.79	0.65	0.50	1.00	<b>0.81</b>	0.67	0.52	1.00	1.00	0.69	0.54	1.00	1.00	0.75	0.60												
	ΔT	23.24	21.36	17.87	14.25	23.19	21.31	17.82	14.19	23.45	21.58	18.08	14.46	23.17	<b>21.29</b>	17.80	14.17	22.92	21.04	17.55	13.92	24.09	22.22	18.72	15.10												
KW	2.30	2.30	2.29	2.31	2.56	2.55	2.55	2.57	2.84	2.84	2.84	2.86	3.15	<b>3.15</b>	3.15	3.17	3.50	3.50	3.49	3.51	3.91	3.90	3.90	3.92													
Amps	8.11	8.10	8.08	8.17	9.23	9.22	9.20	9.28	10.47	10.46	10.44	10.53	11.82	<b>11.81</b>	11.79	11.88	13.32	13.31	13.30	13.38	15.09	15.08	15.06	15.15													
Hi-PR	259	260	262	266	299	300	302	307	342	343	345	349	387	<b>388</b>	390	395	436	438	439	444	489	490	492	496													
Lo-PR	128	129	133	138	136	137	140	146	142	144	147	152	148	<b>150</b>	153	158	154	155	158	164	161	162	165	171													
MBh	36.7	37.2	38.2	39.9	36.3	36.8	37.9	39.5	35.4	35.9	37.0	38.6	33.8	34.3	35.4	37.0	31.9	32.4	33.4	35.0	30.1	30.6	31.6	33.3													
S/T	0.87	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.83	0.68	0.53	1.00	0.85	0.70	0.55	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63													
ΔT	22.29	20.41	16.92	13.29	22.23	20.36	16.86	13.24	22.50	20.62	17.13	13.50	22.21	20.34	16.85	13.22	21.96	20.09	16.59	12.97	23.14	21.26	17.77	14.14													
KW	2.31	2.31	2.31	2.32	2.57	2.57	2.56	2.58	2.85	2.85	2.85	2.87	3.16	3.16	3.16	3.18	3.51	3.51	3.50	3.52	3.92	3.91	3.91	3.93													
Amps	8.16	8.15	8.13	8.22	9.27	9.27	9.25	9.33	10.52	10.51	10.49	10.58	11.87	11.86	11.84	11.92	13.37	13.36	13.34	13.43	15.14	15.13	15.11	15.20													
Hi-PR	261	262	264	268	301	302	304	309	344	345	347	351	389	390	392	397	439	440	441	446	491	492	494	498													
Lo-PR	130	132	135	140	138	139	142	148	144	146	149	154	150	152	155	160	156	157	160	166	163	164	167	173													

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

IDB	AIRFLOW	Outdoor Ambient Temperature												115°F																							
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	1050	MBh	35.8	36.3	37.4	39.0	35.5	36.0	37.1	38.7	34.6	35.1	36.1	37.8	33.0	33.5	34.5	36.2	31.0	31.5	32.6	34.2	29.2	29.7	30.8	32.4											
		S/T	1.00	0.83	0.68	0.53	1.00	0.83	0.69	0.54	1.00	0.86	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.76	0.61	1.00	1.00	0.81	0.66											
		ΔT	28.52	26.64	23.15	19.52	28.46	26.59	23.09	19.47	28.73	26.85	23.36	19.73	28.44	26.57	23.08	19.45	28.19	26.32	22.82	19.20	29.37	27.49	24.00	20.37											
		KW	2.29	2.29	2.28	2.30	2.55	2.54	2.54	2.56	2.83	2.83	2.82	2.84	3.14	3.14	3.13	3.15	3.49	3.49	3.48	3.50	3.89	3.89	3.89	3.91											
		Amps	8.06	8.05	8.03	8.12	9.17	9.17	9.15	9.23	10.42	10.41	10.39	10.48	11.77	11.76	11.74	11.82	13.27	13.26	13.24	13.33	15.04	15.03	15.01	15.09											
	Hi-PR	257	258	260	264	298	299	300	305	340	341	343	347	386	387	388	393	435	436	438	442	487	488	490	495												
	Lo-PR	127	128	131	137	134	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169												
	MBh	36.3	36.8	37.8	39.5	36.0	36.5	37.5	39.2	35.0	35.5	36.6	38.2	33.4	33.9	35.0	36.6	31.5	32.0	33.0	34.7	29.7	30.2	31.3	32.9												
	S/T	1.00	0.89	0.75	0.60	1.00	0.90	0.75	0.60	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.88	0.73												
	ΔT	27.38	25.51	22.01	18.39	27.33	25.46	21.96	18.34	27.60	25.72	22.23	18.60	27.31	25.44	21.94	18.32	27.06	25.19	21.69	18.07	28.24	26.36	22.87	19.24												
KW	2.30	2.30	2.30	2.32	2.56	2.56	2.55	2.57	2.84	2.84	2.84	2.86	3.15	3.15	3.15	3.17	3.50	3.50	3.49	3.51	3.91	3.90	3.90	3.92													
Amps	8.12	8.11	8.09	8.17	9.23	9.22	9.20	9.29	10.48	10.47	10.45	10.53	11.82	11.82	11.80	11.88	13.33	13.32	13.30	13.39	15.10	15.09	15.07	15.15													
Hi-PR	259	260	262	267	300	301	303	307	342	343	345	349	388	389	391	395	437	438	440	444	489	491	492	497													
Lo-PR	128	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171													
85	1050	MBh	36.4	36.9	38.0	39.6	36.1	36.6	37.7	39.3	35.2	35.7	36.7	38.4	33.6	34.1	35.1	36.8	31.6	32.1	33.2	34.8	29.8	30.3	31.4	33.0											
		S/T	1.00	0.93	0.79	0.64	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.71	1.00	1.00	1.00	0.77											
		ΔT	32.19	30.32	26.82	23.20	32.14	30.27	26.77	23.15	32.40	30.53	27.03	23.41	32.12	30.25	26.75	23.13	31.87	30.00	26.50	22.88	33.04	31.17	27.67	24.05											
		KW	2.29	2.29	2.29	2.31	2.55	2.55	2.54	2.56	2.84	2.83	2.83	2.85	3.15	3.14	3.14	3.16	3.49	3.49	3.49	3.51	3.90	3.90	3.89	3.91											
		Amps	8.08	8.07	8.05	8.14	9.20	9.19	9.17	9.25	10.44	10.43	10.41	10.50	11.79	11.78	11.76	11.85	13.29	13.28	13.26	13.35	15.06	15.05	15.03	15.12											
	Hi-PR	258	259	261	266	299	300	302	306	341	342	344	349	387	388	390	394	436	437	439	443	488	490	491	496												
	Lo-PR	128	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171												
	MBh	36.9	37.4	38.4	40.1	36.6	37.1	38.1	39.8	35.6	36.1	37.2	38.8	34.0	34.5	35.6	37.2	32.1	32.6	33.6	35.3	30.3	30.8	31.9	33.5												
	S/T	1.00	1.00	0.85	0.70	1.00	1.00	0.86	0.71	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.83												
	ΔT	31.06	29.19	25.69	22.07	31.01	29.14	25.64	22.02	31.27	29.40	25.90	22.28	30.99	29.12	25.62	22.00	30.74	28.87	25.37	21.75	31.91	30.04	26.54	22.92												
KW	2.31	2.30	2.30	2.32	2.56	2.56	2.56	2.58	2.85	2.85	2.84	2.86	3.16	3.16	3.15	3.17	3.51	3.50	3.50	3.52	3.91	3.91	3.91	3.93													
Amps	8.14	8.13	8.11	8.20	9.25	9.24	9.23	9.31	10.50	10.49	10.47	10.56	11.85	11.84	11.82	11.90	13.35	13.34	13.32	13.41	15.12	15.11	15.09	15.17													
Hi-PR	260	262	263	268	301	302	304	308	343	344	346	351	389	390	392	396	438	439	441	446	491	492	494	498													
Lo-PR	130	132	135	140	138	140	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173													
1350	1350	MBh	37.4	37.9	39.0	40.6	37.1	37.6	38.7	40.3	36.2	36.7	37.8	39.4	34.6	35.1	36.2	37.8	32.6	33.1	34.2	35.8	30.9	31.4	32.4	34.0											
		S/T	1.00	1.00	0.89	0.74	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.87											
		ΔT	30.11	28.24	24.74	21.12	30.06	28.18	24.69	21.06	30.32	28.45	24.95	21.33	30.04	28.17	24.67	21.05	29.79	27.91	24.42	20.80	30.96	29.09	25.59	21.97											
		KW	2.32	2.32	2.31	2.33	2.57	2.57	2.57	2.59	2.86	2.86	2.85	2.87	3.17	3.17	3.16	3.18	3.52	3.51	3.51	3.53	3.92	3.92	3.92	3.94											
		Amps	8.19	8.18	8.16	8.24	9.30	9.29	9.27	9.36	10.55	10.54	10.52	10.60	11.89	11.89	11.87	11.95	13.40	13.39	13.37	13.46	15.17	15.16	15.14	15.22											
	Hi-PR	263	264	265	270	303	304	306	310	345	347	348	353	391	392	394	398	440	441	443	448	493	494	496	500												
	Lo-PR	132	134	137	143	140	142	145	150	147	148	152	157	152	154	157	163	158	160	163	168	165	167	170	175												
	MBh	37.4	37.9	39.0	40.6	37.1	37.6	38.7	40.3	36.2	36.7	37.8	39.4	34.6	35.1	36.2	37.8	32.6	33.1	34.2	35.8	30.9	31.4	32.4	34.0												
	S/T	1.00	1.00	0.89	0.74	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.87												
	ΔT	30.11	28.24	24.74	21.12	30.06	28.18	24.69	21.06	30.32	28.45	24.95	21.33	30.04	28.17	24.67	21.05	29.79	27.91	24.42	20.80	30.96	29.09	25.59	21.97												
KW	2.32	2.32	2.31	2.33	2.57	2.57	2.57	2.59	2.86	2.86	2.85	2.87	3.17	3.17	3.16	3.18	3.52	3.51	3.51	3.53	3.92	3.92	3.92	3.94													
Amps	8.19	8.18	8.16	8.24	9.30	9.29	9.27	9.36	10.55	10.54	10.52	10.60	11.89	11.89	11.87	11.95	13.40	13.39	13.37	13.46	15.17	15.16	15.14	15.22													
Hi-PR	263	264	265	270	303	304	306	310	345	347	348	353	391	392	394	398	440	441	443	448	493	494	496	500													
Lo-PR	132	134	137	143	140	142	145	150	147	148	152	157	152	154	157	163	158	160	163	168	165	167	170	175													

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects AHR1 conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

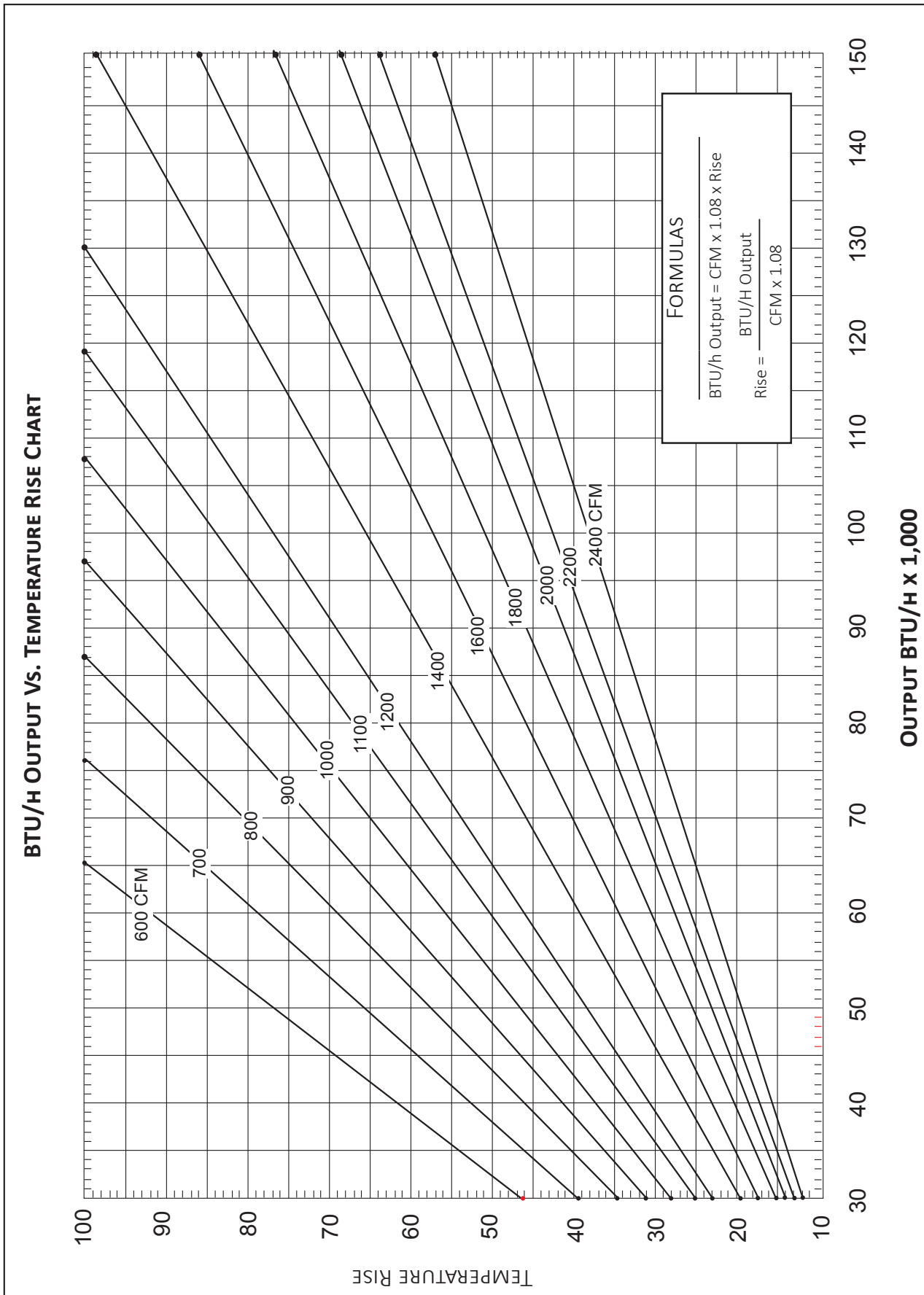
# AIRFLOW DATA

**DP5UM3008041\*\* - RISE RANGE: 30° - 60°**

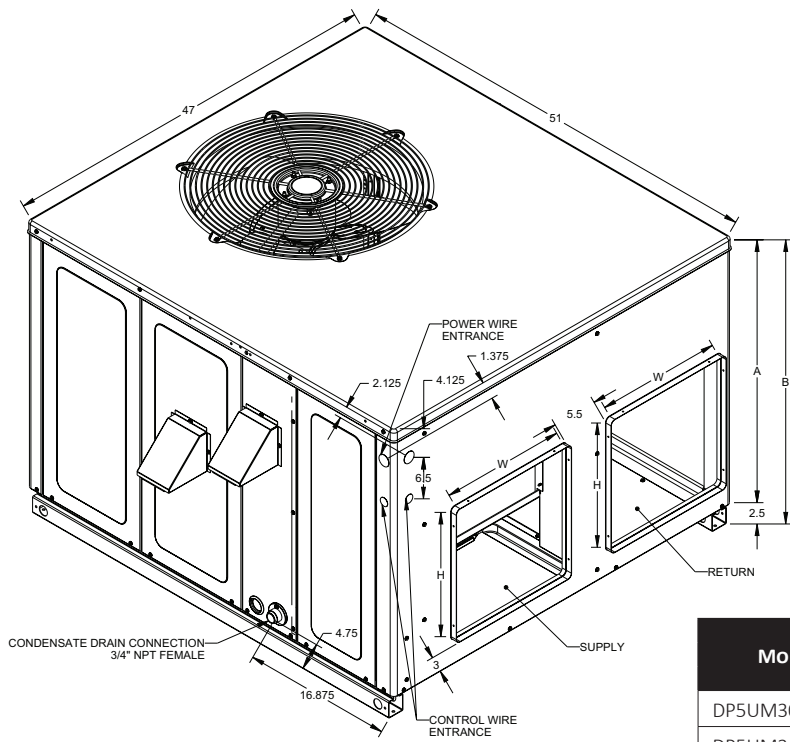
TAP	LOW COOL	HIGH COOL	HIGH HEAT	
			CFM	RISE
A-	545	810	985	51
A	605	900	1095	48
A+	665	990	1205	46
B-	605	900	1050	49
B	670	1000	1170	45
B+	735	1100	1285	42
C-	650	970	925	53
C	720	1075	1025	50
C+	795	1185	1130	47
D-	665	990	X	X
D	735	1100	X	X
D+	810	1210	X	X

**DP5UM3608041\*\* - RISE RANGE: 35° - 65°**

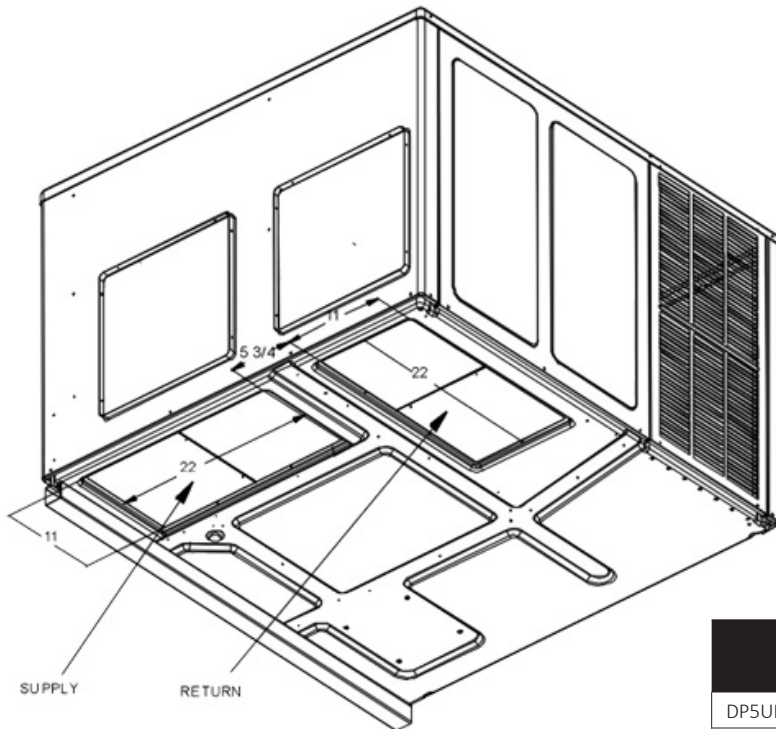
TAP	LOW COOL	HIGH COOL	HIGH HEAT	
			CFM	RISE
A-	680	1015	985	52
A	755	1125	1095	48
A+	830	1240	1205	44
B-	725	1080	925	52
B	805	1200	1025	50
B+	885	1320	1130	47
C-	755	1125	1050	49
C	840	1250	1170	46
C+	920	1375	1285	42
D-	800	1195	x	x
D	890	1325	x	x
D+	980	1460	x	x



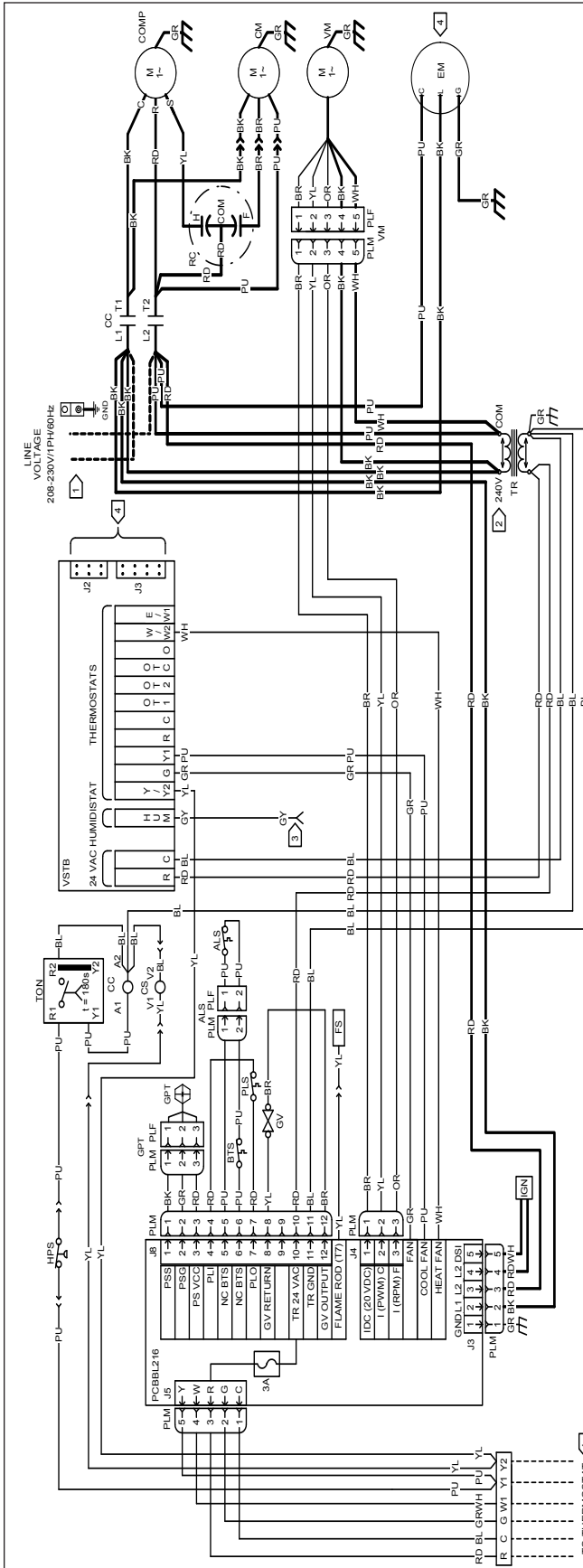
**DIMENSIONS — DP5UM30-36\*\*\*41\*\***



MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
	W	D	HEIGHT		
DP5UM30***41**	47	51	32	34 1/2	Medium
DP5UM36***41**	47	51	40	42 1/2	Large



MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
DP5UM30***41**	16	16	16	16
DP5UM36***41**	16	18	16	18



THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. SOME MORE USEFUL STATUS LIGHT CODES ARE BELOW:

LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD <sup>1</sup>	LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD <sup>1</sup>
LED OFF	NO 24VAC POWER TO CONTROL	---	N/A	6 FLASHES	NO MAIN GAS VALVE CLOSED/BURNER SWITCH/AUXILIARY SWITCH OPEN	RED	1 HOUR IF TIME EXCEEDED
RED, AMBER, GREEN	POWER-UP VERIFICATION OF LED	---	N/A	7 FLASHES	GAS VALVE SHORTED	RED	1 HOUR
STEADY ON	CONTROL FAULT DETECTED	RED	1 HOUR HAND LOCKOUT	8 FLASHES	RESERVED	RED	---
1 FLASH	RETRIES EXCEEDED	RED	1 HOUR FIXED	10 FLASHES	HIGH LIMIT SWITCH HISTORY NAME EXCEEDED	RED	1 HOUR HAND LOCKOUT
2 FLASHES	PRESSURE SENSOR NULL ERROR	RED	5 MINUTES	STEADY ON	GAS FACTORY TEST MODE	AMBER	N/A
3 FLASHES	PRESSURE SENSOR SPAN ERROR	RED	5 MINUTES	RAPID FLASH	FIELD TEST MODE	AMBER	N/A
4 FLASHES	HIGH LIMIT SWITCH OPEN	RED	1 HOUR AFTER HAND LOCKOUT	1 FLASH	LOW FLAME SENSE	AMBER	N/A
5 FLASHES	FLAME PRESENT WITH VALVE OFF	RED	5 MINUTES	---	---	---	---

<sup>1</sup>THE FAULT CONDITION MUST BE CLEARED FOR 30 SECONDS BEFORE NORMAL OPERATION CAN RESUME. A POWER CYCLE WILL ALSO RESET ANY LOCKOUT.

**WIRE CODE**  
 BK BLACK  
 BR BROWN  
 GR GREEN  
 OR ORANGE  
 PK PINK  
 PU PURPLE  
 TN TAN  
 WH WHITE  
 YL YELLOW

**COMPONENT LEGEND**  
 ALS AUXILIARY LIMIT SWITCH  
 BTS BURNER TEMPERATURE SWITCH  
 CCH CRANKCASE HEATER  
 CM COMPRESSOR MOTOR  
 COMP COMPRESSOR  
 ES EVAPORATOR MOTOR  
 FS FLAME SENSOR  
 GND EQUIPMENT GROUND  
 GPT GAS PRESSURE TRANSDUCER  
 GV GAS VALVE  
 HPS HIGH PRESSURE SWITCH  
 IGN IGNITOR  
 PLS PRIMARY LIMIT SWITCH  
 RC RUN CAPACITOR  
 TRN TRANSFORMER  
 VM VENT MOTOR  
 VSTB VARIABLE SPEED TERMINAL BLOCK

**FACTORY WIRING**  
 HIGH VOLTAGE  
 OPTIONAL HIGH VOLTAGE  
 OPTIONAL LOW VOLTAGE  
 CHASSIS GROUND

**FIELD WIRING**  
 HIGH VOLTAGE  
 LOW VOLTAGE  
 EARTH GROUND

**NOTES**  
 1 REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (AT LEAST 105° C). USE COPPER WIRE FOR ALL WIRING. USE COPPER WIRE FOR ALL LOW VOLTAGE FIELD CONNECTIONS. USE COPPER CONDUCTORS FOR UNIT SUPPLY POWER.  
 2 FOR 208V SUPPLY POWER, MOVE WIRES FROM THE 240V TAP TO THE 208V TAP.  
 3 FOR DEHUMIDIFICATION, CONNECT A 24VAC DEHUMIDISTAT TO THE WIRING AS SHOWN IN THE WIRING DIAGRAM. SEE THE VSTB AND TO ON IC. SEE INSTALLATION INSTRUCTIONS FOR DETAILS. CUT HUM JUMPER ON VSTB.  
 4 VSTB J2 & J3 WIRED TO EM LOW VOLTAGE CONTROL CONNECTIONS. SEE INSTALLATION INSTRUCTIONS FOR VSTB OPERATION DETAILS.

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



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



## FOR DP5UM30-36\*\*\*41\*\*

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