

COOLING CAPACITY: 22,800 - 58,500 BTU/H  
HEATING CAPACITY: 60,000 - 140,000 BTU/H

PACKAGED GAS/ELECTRIC  
UP TO 16 SEER / 81% AFUE  
2 TO 5 TONS



5 Tons



2 - 3.5 Tons



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### ■ Standard Features

- Heavy-duty stainless-steel heat exchanger
- High-efficiency two-stage scroll compressor with factory-installed sound blanket
- Multi-speed ECM indoor blower motor
- Copper tube/aluminum fin evaporator coil (5 Ton)
- All-aluminum evaporator coil (2-3.5 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
- Loss-of-charge protection and high-pressure switch
- Direct-spark ignition system with microprocessor-based control for the entire ignition sequence
- This furnace does not comply with the SCAQMD Rule 1111 14 ng/J NOx emission limit and therefore is not eligible for installation in California's South Coast Air Quality Management District (SCAQMD). This furnace may be installed in SJVAPCD until 4/1/2022 provided the date of manufacture is September 30, 2021 or earlier and the emission fees are paid.
- All models comply with California Low NOx standards.
- AHRI Certified; ETL Listed

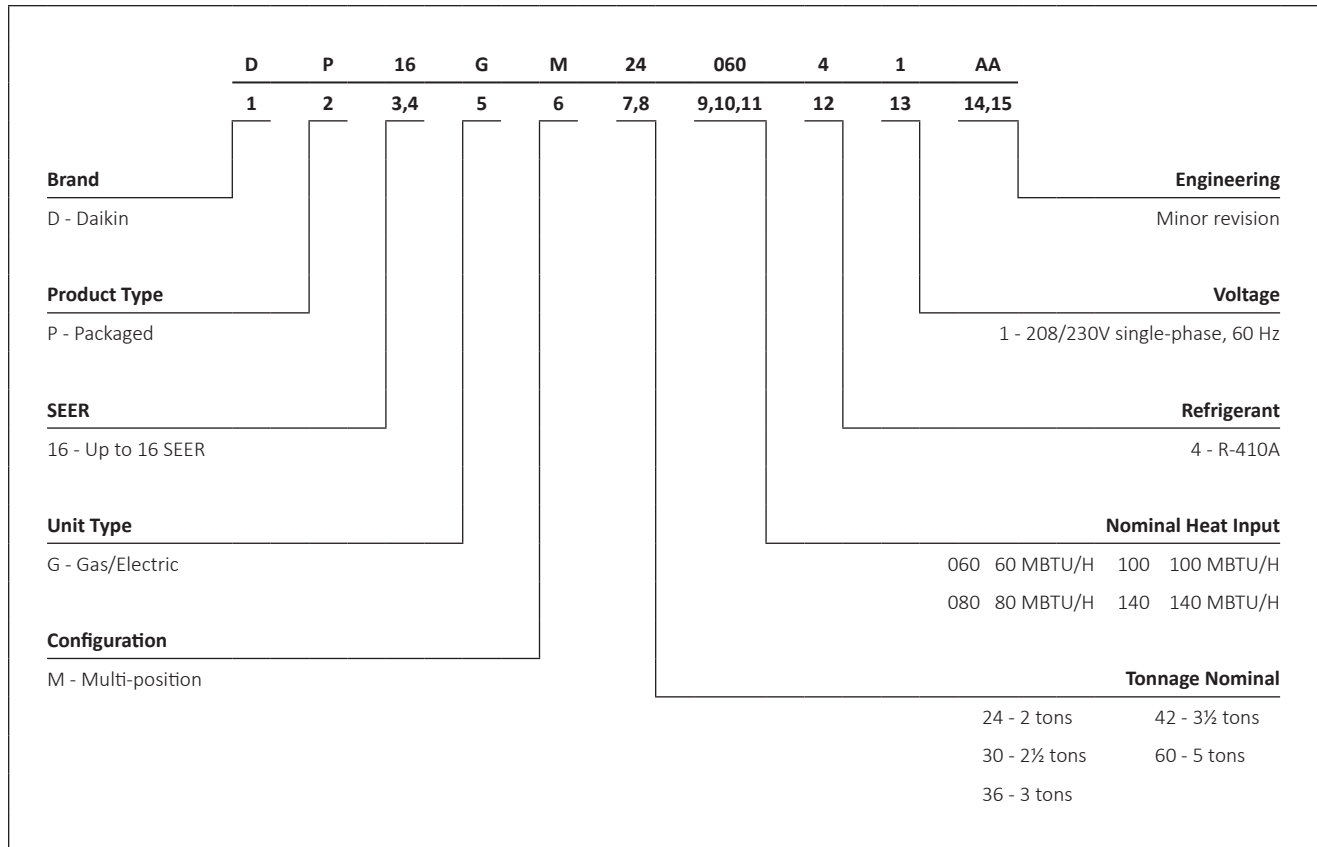
### ■ Cabinet Features

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






\* Complete warranty details available from your local dealer or at [www.daikincomfort.com](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



## PRODUCT SPECIFICATIONS

	DP16GM24 06041AA	DP16GM30 08041AA	DP16GM36 08041AA	DP16GM42 10041AA	DP16GM60 14041AA	DP16GM60 14041B*
<b>COOLING CAPACITY (BTU/H)</b>						
Total	22,800	28,600	34,200	40,000	58,500	58,000
Sensible	18,200	21,800	27,400	29,600	43,500	43,500
SEER / EER	16.0 / 12.0	15.5 / 12.0	16.0 / 12.0	16.0 / 12.0	16.0 / 12.0	16.0 / 12.0
Decibels	76	76	76	78	78	78
AHRI #s	8082393	8082394	8082395	8082396	9134479	205726754
<b>HEATING CAPACITY (BTU/H)</b>						
High-Fire Input / Output	60,000 / 47,000	80,000 / 62,000	80,000 / 62,000	100,000 / 78,000	138,000 / 112,000	138,000 / 112,000
Low-Fire Input / Output	45,000 / 35,000	60,000 / 47,000	60,000 / 47,000	75,000 / 58,000	103,000 / 84,000	105,000 / 85,000
AFUE	81	81	81	81	81	81
Temperature Rise Range (°F)	35 - 65	35 - 65	35 - 65	35 - 65	55-105	35 - 65
No. of Burners	3	4	4	5	6	6
Orifice Size (Gas / LP)	45 / 1.25mm	45 / 1.25mm	45 / 1.25mm	45 / 1.25mm	53 / 1.51MM	43 / 1.32MM
<b>EVAPORATOR MOTOR</b>						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (DxW)	10" x 8"	10" x 9"	11" x 10"	11" x 10"	11" x 10"	12" x 11"
Indoor Nominal CFM	800	950	1,200	1,250	1,850	2,000
Motor Speed Tap (Cooling)	Variable	Variable	Variable	Variable	Variable	T3 L / T1 H
RPM / Amps (Cooling)	1050 / 4.3	1050 / 4.3	1050 / 6.8	1050 / 6.8	1050 / 7	1200 / 6.9
Horsepower / RPM	1/2	1/2	3/4	3/4	1	1
<b>EVAPORATOR COIL</b>						
Face Area (ft <sup>2</sup> )	4.3	4.3	5.7	5.7	8.9	8.9
Rows Deep / Fin per Inch	3 / 14	3 / 14	4 / 14	4 / 14	4 / 16	4 / 16
Piston Size (Cooling)	0.057"	0.057"	0.062"	0.062"	0.068"	TXV
Filter Size (ft <sup>2</sup> )	3.5	4.3	4.3	5.6	8.9	9.2
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	70	70	158	143	154	154
<b>CONDENSER FAN / COIL</b>						
Horsepower - RPM	1/6 - 815	1/4 - 830	1/4 - 830	1/4 - 1,075	1/3 - 1,095	1/3 - 1,095
Fan Diameter / # of Fan Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 4	22" / 3
Outdoor Nominal CFM	2,200	2,200	2,600	3,200	3,800	3,800
Face Area (ft <sup>2</sup> )	12.3	8.7	14.9	14.9	19	19
Row Deep / Fins per Inch	1 / 24	2 / 27	2 / 16	2 / 27	2 / 27	2 / 28
<b>COMPRESSOR</b>						
Quantity / Type / Stage	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	11.7 / 58.3	13.1 / 73.0	15.6 / 83.0	17.9 / 96.0	27 / 153	26.9 / 139.9
<b>ELECTRICAL DATA</b>						
Voltage/ Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	4.3	4.3	6.8	6.8	7	6.9
Outdoor Fan FLA / LRA	1.1 / 1.7	1.5 / 3.0	1.3 / 3.0	1.4 / 2.9	2 / 4.4	2/4.4
Total Unit Amps	17.1	18.9	23.7	26.1	36	35.8
Min. Circuit Ampacity <sup>1</sup>	20.0	22.2	27.6	30.6	43.0	43.4
Max. Overcurrent Protection <sup>2</sup>	30 amps	35 amps	40 amps	45 amps	60 amps	70 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	1/2"	¾"
<b>OPERATING / SHIP WEIGHTS (LBS)</b>						
	370 / 380	397 / 407	470 / 480	495 / 505	630 / 655	655 / 713
<b>ENERGY STAR® CERTIFIED</b>						
	NO	NO			NO	

<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> 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 — DP16GM24\*\*\*41\*\*

IDB		OUTDOOR AMBIENT TEMPERATURE												105°F												115°F											
		65°F				75°F				85°F				95°F				105°F				115°F															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71												
70	910	AIRFLOW	23.3	24.1	26.4	-	22.7	23.5	25.8	-	22.2	23.0	25.2	-	21.6	22.4	24.6	-	20.5	21.3	23.3	-	19.0	19.7	21.6	-											
		MBh	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-											
		S/T	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-											
		ΔT	1.56	1.59	1.64	-	1.68	1.72	1.78	-	1.79	1.83	1.89	-	1.89	1.93	2.00	-	1.97	2.02	2.09	-	2.04	2.09	2.16	-											
		kW	6.9	7.0	7.2	-	7.4	7.5	7.7	-	7.9	8.1	8.3	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.6	9.9	-											
	Amps	237	255	269	-	266	286	302	-	302	325	344	-	344	371	391	-	388	417	440	-	428	461	487	-												
	HI PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	162	-												
	LO PR	22.6	23.4	25.6	-	22.0	22.9	25.0	-	21.5	22.3	24.4	-	21.0	21.8	23.8	-	19.9	20.7	22.7	-	18.5	19.2	21.0	-												
	MBh	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-												
	S/T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-												
ΔT	1.54	1.58	1.63	-	1.67	1.71	1.76	-	1.78	1.82	1.88	-	1.87	1.92	1.98	-	1.95	2.00	2.07	-	2.03	2.07	2.14	-													
kW	6.8	7.0	7.2	-	7.3	7.5	7.7	-	7.9	8.0	8.3	-	8.3	8.5	8.8	-	8.8	9.0	9.3	-	9.3	9.5	9.8	-													
Amps	235	253	267	-	263	283	299	-	299	322	340	-	341	367	388	-	384	413	436	-	424	456	482	-													
HI PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-													
LO PR	20.8	21.6	23.7	-	20.4	21.1	23.1	-	19.9	20.6	22.6	-	19.4	20.1	22.0	-	18.4	19.1	20.9	-	17.1	17.7	19.4	-													
MBh	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-													
S/T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-													
ΔT	1.51	1.54	1.59	-	1.63	1.66	1.72	-	1.73	1.77	1.83	-	1.82	1.87	1.93	-	1.90	1.95	2.01	-	1.97	2.02	2.09	-													
kW	6.6	6.8	7.0	-	7.1	7.3	7.5	-	7.7	7.8	8.1	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-													
Amps	228	245	259	-	255	275	290	-	290	313	330	-	331	356	376	-	372	401	423	-	411	443	467	-													
HI PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-													
LO PR																																					

75	910	AIRFLOW	23.6	24.3	26.4	28.3	23.1	23.8	25.7	27.6	22.5	23.2	25.1	27.0	22.0	22.6	24.5	26.3	20.9	21.5	23.3	25.0	19.4	19.9	21.6	23.2
		MBh	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.65	0.42	1.00	0.89	0.68	0.43	1.00	0.93	0.70	0.45	1.00	0.93	0.71	0.46
		S/T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	21	20	17	11	20	19	15	11
		ΔT	1.57	1.61	1.66	1.71	1.70	1.73	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.02	2.09	1.99	2.03	2.10	2.18	2.06	2.11	2.18	2.26
		kW	6.9	7.1	7.3	7.5	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3
	Amps	239	258	272	284	269	289	305	318	306	329	347	362	348	375	395	412	392	421	445	464	433	466	492	513	
	HI PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175	
	LO PR	23.0	23.6	25.6	27.5	22.4	23.1	25.0	26.8	21.9	22.5	24.4	26.2	21.4	22.0	23.8	25.5	20.3	20.9	22.6	24.3	18.8	19.3	20.9	22.5	
	MBh	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	
	S/T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11	
ΔT	1.56	1.59	1.64	1.70	1.68	1.72	1.78	1.84	1.79	1.83	1.89	1.96	1.89	1.93	2.00	2.07	1.97	2.02	2.09	2.16	2.04	2.09	2.16	2.24		
kW	6.9	7.0	7.2	7.5	7.4	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.2		
Amps	237	255	269	281	266	286	302	315	303	326	344	359	345	371	392	408	388	417	440	459	428	461	487	508		
HI PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173		
LO PR	21.2	21.8	23.6	25.3	20.7	21.3	23.1	24.8	20.2	20.8	22.5	24.2	19.7	20.3	22.0	23.6	18.7	19.3	20.9	22.4	17.3	17.9	19.3	20.7		
MBh	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42		
S/T	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11		
ΔT	1.52	1.55	1.60	1.66	1.64	1.68	1.73	1.79	1.75	1.79	1.85	1.91	1.84	1.88	1.95	2.01	1.92	1.96	2.03	2.10	1.99	2.04	2.11	2.18		
kW	6.7	6.8	7.0	7.3	7.2	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.6	8.9	8.7	8.9	9.1	9.5	9.1	9.3	9.6	10.0		
Amps	230	247	261	273	258	278	293	306	293	316	333	348	334	360	380	396	376	405	427	446	415	447	472	492		
HI PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168		
LO PR																										

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 — DP16GM24\*\*\*41\*\* (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
910		MBh	24.1	24.6	26.3	28.1	23.5	24.0	25.7	27.4	22.9	23.4	25.1	26.8	22.4	22.9	24.4	26.1	21.3	21.7	23.2	24.8	19.7	20.1	21.5	23.0
		S/T	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.62	1.00	1.00	0.87	0.65	1.00	1.00	0.87	0.65
		Δ T	24	23	20	16	24	24	20	16	23	24	20	16	23	23	21	16	21	22	20	16	20	20	19	15
		kW	1.58	1.62	1.67	1.73	1.71	1.75	1.81	1.87	1.82	1.86	1.93	1.99	1.92	1.97	2.03	2.10	2.01	2.05	2.12	2.20	2.08	2.13	2.20	2.28
		Amps	7.0	7.1	7.3	7.6	7.5	7.6	7.9	8.1	8.1	8.2	8.5	8.8	8.6	8.7	9.0	9.3	9.1	9.3	9.5	9.9	9.5	9.8	10.1	10.4
		HI PR	242	260	275	287	271	292	308	322	309	332	351	366	352	378	399	417	395	426	449	469	437	470	497	518
		LO PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	176
80		MBh	23.4	23.9	25.5	27.3	22.8	23.3	24.9	26.6	21.7	22.2	23.7	25.4	20.6	21.1	22.5	24.1	20.6	21.1	22.5	24.1	19.1	19.5	20.9	22.3
		S/T	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		Δ T	25	24	21	17	26	24	21	17	25	25	21	17	25	25	21	17	23	24	21	17	22	22	20	16
		kW	1.57	1.61	1.66	1.71	1.70	1.73	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.02	2.09	1.99	2.03	2.10	2.18	2.06	2.11	2.18	2.26
		Amps	6.9	7.1	7.3	7.5	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3
		HI PR	239	258	272	284	269	289	305	318	306	329	347	362	348	375	396	413	392	421	445	464	433	466	492	513
		LO PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175
711		MBh	21.6	22.0	23.5	25.2	21.1	21.5	23.0	24.6	20.6	21.0	22.4	24.0	20.1	20.5	21.9	23.4	19.1	19.5	20.8	22.2	17.7	18.0	19.3	20.6
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.74	0.56	1.01	0.94	0.77	0.57	1.05	0.98	0.80	0.60	1.05	0.99	0.80	0.60
		Δ T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		kW	1.53	1.57	1.62	1.67	1.65	1.69	1.75	1.81	1.76	1.80	1.86	1.93	1.86	1.90	1.96	2.03	1.94	1.98	2.05	2.12	2.01	2.05	2.12	2.20
		Amps	6.8	6.9	7.1	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1
		HI PR	232	250	264	275	261	280	296	309	296	319	337	351	338	363	384	400	380	409	432	450	420	452	477	497
		LO PR	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169

910		MBh	24.5	25.0	26.1	27.9	23.9	24.4	25.5	27.2	23.3	23.8	24.9	26.6	22.8	23.2	24.3	25.9	21.6	22.1	23.1	24.6	20.0	20.4	21.4	22.8
		S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.97	0.79	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.84	0.85
		Δ T	25	25	24	21	24	25	24	21	24	24	24	21	23	23	25	21	22	22	23	21	20	21	22	20
		kW	1.60	1.63	1.69	1.74	1.73	1.76	1.82	1.88	1.84	1.88	1.94	2.01	1.94	1.98	2.05	2.12	2.02	2.07	2.14	2.22	2.10	2.15	2.22	2.30
		Amps	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0	9.6	9.8	10.1	10.5
		HI PR	244	263	278	290	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523
		LO PR	115	123	134	143	122	130	141	151	127	135	147	157	133	141	154	164	139	148	162	172	144	153	167	178
85		MBh	23.8	24.2	25.4	27.1	23.2	23.7	24.8	26.4	22.7	23.1	24.2	25.8	22.1	22.5	23.6	25.2	21.0	21.4	22.4	23.9	19.5	19.8	20.8	22.2
		S/T	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.81	0.81
		Δ T	27	26	25	22	26	27	25	22	26	26	25	22	25	26	26	22	24	24	25	22	22	23	24	20
		kW	1.58	1.62	1.67	1.73	1.71	1.75	1.81	1.87	1.82	1.86	1.93	1.99	1.92	1.97	2.03	2.10	2.01	2.05	2.12	2.20	2.08	2.13	2.20	2.28
		Amps	7.0	7.1	7.3	7.6	7.5	7.6	7.9	8.1	8.1	8.2	8.5	8.8	8.6	8.7	9.0	9.3	9.1	9.3	9.5	9.9	9.5	9.8	10.1	10.4
		HI PR	242	260	275	287	271	292	308	322	309	332	351	366	352	378	399	417	395	426	449	469	437	470	497	518
		LO PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	176
711		MBh	21.9	22.4	23.4	25.0	21.4	21.8	22.9	24.4	20.9	21.3	22.3	23.8	20.4	20.8	21.8	23.2	19.4	19.8	20.7	22.1	18.0	18.3	19.2	20.5
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		Δ T	27	27	25	22	28	27	26	22	27	27	26	22	26	27	26	22	25	26	26	22	23	24	24	21
		kW	1.54	1.58	1.63	1.68	1.67	1.70	1.76	1.82	1.78	1.82	1.88	1.94	1.87	1.92	1.98	2.05	1.95	2.00	2.07	2.14	2.02	2.07	2.14	2.22
		Amps	6.8	7.0	7.2	7.4	7.3	7.4	7.7	7.9	7.9	8.0	8.3	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1
		HI PR	235	252	267	278	263	283	299	312	299	322	340	355	341	367	387	404	384	413	436	455	424	456	482	502
		LO PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171

IDB: Entering Indoor Dry Bulb Temperature  
 High 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 — DP16GM30\*\*\*41\*\* (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1062		30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	32.0	34.2	28.6	29.2	31.2	33.3	27.1	27.7	29.6	31.7	25.1	25.7	27.4	29.3
S/T		0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
Δ T		25	24	21	17	26	25	21	17	25	25	21	17	25	25	21	17	23	24	21	17	22	22	20	16
kW		2.01	2.05	2.12	2.19	2.17	2.21	2.29	2.36	2.31	2.36	2.44	2.52	2.43	2.48	2.57	2.65	2.53	2.59	2.68	2.77	2.62	2.68	2.78	2.87
Amps		8.7	8.9	9.1	9.4	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.5	12.9
HI PR		243	262	276	288	273	294	310	324	311	334	353	368	354	381	402	419	398	428	452	472	440	473	500	521
LO PR		110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
80		29.8	30.5	32.5	34.8	29.1	29.8	31.8	34.0	28.4	29.0	31.0	33.2	27.7	28.3	30.3	32.4	26.3	26.9	28.8	30.7	24.4	24.9	26.6	28.5
S/T		0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60
Δ T		26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	26	25	22	18	24	24	21	17
kW		1.99	2.04	2.10	2.17	2.15	2.20	2.27	2.34	2.29	2.34	2.42	2.50	2.41	2.46	2.55	2.63	2.51	2.57	2.66	2.75	2.60	2.66	2.75	2.85
Amps		8.6	8.8	9.0	9.3	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.4	11.1	11.4	11.7	12.1	11.7	12.0	12.3	12.8
HI PR		241	259	274	286	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516
LO PR		109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	144	158	168
830		27.5	28.1	30.0	32.1	26.9	27.5	29.3	31.4	26.2	26.8	28.6	30.6	25.6	26.2	27.9	29.9	24.3	24.8	26.5	28.4	22.5	23.0	24.6	26.3
S/T		0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.01	0.95	0.77	0.58
Δ T		27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17
kW		1.94	1.99	2.05	2.12	2.10	2.14	2.21	2.28	2.23	2.28	2.35	2.43	2.35	2.40	2.48	2.56	2.45	2.50	2.59	2.68	2.54	2.59	2.68	2.77
Amps		8.4	8.6	8.8	9.1	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.5	10.3	10.5	10.8	11.2	10.8	11.1	11.4	11.8	11.4	11.7	12.0	12.4
HI PR		234	251	266	277	262	282	298	311	298	321	339	353	340	366	386	403	382	411	434	453	422	454	480	500
LO PR		105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163

1062		31.2	31.8	33.4	35.6	30.5	31.1	32.6	34.8	29.8	30.4	31.8	33.9	29.1	29.6	31.0	33.1	27.6	28.1	29.5	31.4	25.6	26.1	27.3	29.1
S/T		1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81
Δ T		27	27	25	22	26	27	26	22	26	26	26	22	25	26	26	22	24	24	25	22	22	23	24	21
kW		2.03	2.07	2.14	2.21	2.18	2.23	2.31	2.38	2.33	2.38	2.46	2.54	2.45	2.51	2.59	2.68	2.56	2.61	2.70	2.79	2.65	2.71	2.80	2.90
Amps		8.8	8.9	9.2	9.5	9.4	9.6	9.8	10.2	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.6	11.3	11.6	11.9	12.3	11.9	12.2	12.6	13.0
HI PR		246	264	279	291	276	297	313	327	314	337	356	372	357	384	406	423	402	432	457	476	444	478	505	526
LO PR		111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
858		30.3	30.9	32.4	34.5	29.6	30.2	31.6	33.7	28.9	29.5	30.9	32.9	28.2	28.8	30.1	32.1	26.8	27.3	28.6	30.5	24.8	25.3	26.5	28.3
S/T		0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
Δ T		28	28	26	23	29	28	27	23	28	28	27	23	27	28	27	23	26	27	26	23	24	25	25	21
kW		2.01	2.05	2.12	2.19	2.17	2.21	2.29	2.36	2.31	2.36	2.44	2.52	2.43	2.48	2.57	2.65	2.53	2.59	2.68	2.77	2.62	2.68	2.78	2.87
Amps		8.7	8.9	9.1	9.4	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.5	12.9
HI PR		243	262	276	288	273	294	310	324	311	334	353	368	354	381	402	419	398	428	452	472	440	473	500	521
LO PR		110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
830		28.0	28.5	29.9	31.9	27.3	27.9	29.2	31.1	26.7	27.2	28.5	30.4	26.0	26.5	27.8	29.7	24.7	25.2	26.4	28.2	22.9	23.4	24.5	26.1
S/T		0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
Δ T		29	28	27	23	29	28	27	23	29	29	27	23	29	29	27	23	27	28	27	23	25	26	25	22
kW		1.96	2.00	2.07	2.13	2.11	2.16	2.23	2.30	2.25	2.30	2.37	2.45	2.37	2.42	2.50	2.59	2.47	2.52	2.61	2.70	2.56	2.61	2.70	2.80
Amps		8.5	8.7	8.9	9.2	9.1	9.3	9.5	9.8	9.8	10.0	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.5	11.9	11.5	11.8	12.1	12.6
HI PR		236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	457	426	459	485	505
LO PR		106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165

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 — DP16GM36\*\*\*41\*\*

		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													
<b>70</b>	<b>1366</b>	MBh	36.4	37.7	41.3	-	35.5	36.8	40.3	-	34.7	35.9	39.4	-	33.8	35.1	38.4	-	32.1	33.3	36.5	-	29.8	30.9	33.8	-	0.80	0.67	0.46	-	0.88	0.73	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-		
		S/T	2.0	17	13	-	2.0	17	13	-	2.0	17	13	-	2.0	17	13	-	2.0	17	13	-	1.8	16	12	-	3.14	3.21	3.32	-	2.91	2.97	3.07	-	3.03	3.10	3.20	-	3.14	3.21	3.32	-		
		ΔT	2.42	2.47	2.54	-	2.60	2.66	2.74	-	2.77	2.83	2.92	-	13.4	13.7	14.1	-	14.2	14.5	14.9	-	366	394	416	-	404	435	460	-	325	350	370	-	366	394	416	-	404	435	460	-		
		Amps	11.1	11.4	11.7	-	11.9	12.1	12.4	-	12.7	13.0	13.3	-	13.1	13.4	13.8	-	14.2	14.5	14.9	-	135	144	157	-	140	149	163	-	129	137	150	-	135	144	157	-	140	149	163	-		
		HI PR	224	241	254	-	251	270	285	-	286	307	325	-	325	350	370	-	366	394	416	-	31.2	32.3	35.4	-	28.9	30.0	32.8	-	33.7	34.9	38.2	-	31.2	32.3	35.4	-	28.9	30.0	32.8	-		
		LO PR	112	119	130	-	118	126	137	-	123	131	143	-	129	136	148	-	128	136	148	-	128	136	148	-	139	147	161	-	122	129	141	-	134	143	156	-	139	147	161	-		
	<b>1217</b>	MBh	35.3	36.6	40.1	-	34.5	35.8	39.2	-	33.7	34.9	38.2	-	32.8	34.0	37.3	-	31.2	32.3	35.4	-	28.9	30.0	32.8	-	0.81	0.68	0.46	-	0.84	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-		
		S/T	2.0	18	13	-	2.1	18	14	-	2.1	18	14	-	2.1	18	14	-	2.1	18	14	-	19	17	13	-	3.11	3.18	3.29	-	2.89	2.95	3.05	-	3.01	3.07	3.18	-	3.11	3.18	3.29	-		
		ΔT	2.40	2.45	2.52	-	2.58	2.64	2.72	-	2.74	2.80	2.89	-	13.3	13.6	14.0	-	14.1	14.3	14.8	-	362	390	412	-	400	431	455	-	322	347	366	-	362	390	412	-	400	431	455	-		
		Amps	11.1	11.3	11.6	-	11.8	12.0	12.3	-	12.6	12.9	13.2	-	13.1	13.4	13.8	-	14.2	14.5	14.9	-	130	138	151	-	14.4	15.1	15.5	-	312	336	355	-	351	378	399	-	388	418	441	-		
		HI PR	222	238	252	-	249	268	283	-	283	304	321	-	325	350	370	-	366	394	416	-	124	132	144	-	134	143	156	-	30.3	31.6	34.4	-	28.8	29.9	32.7	-	26.7	27.7	30.3	-		
		LO PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	128	136	148	-	124	132	144	-	134	143	156	-	122	129	141	-	134	143	156	-	134	143	156	-		
<b>1067</b>	MBh	32.6	33.8	37.0	-	31.8	33.0	36.2	-	31.1	32.2	35.3	-	30.3	31.4	34.4	-	28.8	29.9	32.7	-	26.7	27.7	30.3	-	0.81	0.67	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-			
	S/T	2.1	18	14	-	2.1	18	14	-	2.1	18	14	-	2.1	18	14	-	2.1	18	14	-	19	17	13	-	3.03	3.10	3.20	-	2.81	2.88	2.97	-	2.93	3.00	3.10	-	3.03	3.10	3.20	-			
	ΔT	2.34	2.39	2.46	-	2.52	2.57	2.65	-	2.68	2.73	2.82	-	13.0	13.3	13.7	-	13.7	14.0	14.4	-	14.4	14.7	15.1	-	14.4	15.1	15.5	-	31.2	336	355	-	351	378	399	-	388	418	441	-			
	Amps	10.8	11.0	11.3	-	11.5	11.7	12.1	-	12.3	12.6	12.9	-	13.1	13.4	13.8	-	14.2	14.5	14.9	-	130	138	151	-	14.4	15.1	15.5	-	312	336	355	-	351	378	399	-	388	418	441	-			
	HI PR	215	231	244	-	241	260	274	-	274	295	312	-	325	350	370	-	366	394	416	-	124	132	144	-	134	143	156	-	30.3	31.6	34.4	-	28.8	29.9	32.7	-	26.7	27.7	30.3	-			
	LO PR	108	114	125	-	114	121	132	-	118	126	137	-	128	136	148	-	128	136	148	-	124	132	144	-	134	143	156	-	122	129	141	-	134	143	156	-	134	143	156	-			
<b>75</b>	<b>1366</b>	MBh	37.0	38.1	41.2	44.2	36.1	37.2	40.3	43.2	35.3	36.3	39.3	42.2	34.4	35.4	38.3	41.2	32.7	33.7	36.4	39.1	30.3	31.2	33.7	36.2	0.91	0.81	0.61	0.40	0.96	0.86	0.65	0.42	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41		
		S/T	2.3	21	17	12	23	21	17	12	12	23	21	17	12	23	21	17	12	23	21	17	12	20	17	12	11	1.00	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.92	0.70	0.45	1.00	0.92	0.70	0.45	
		ΔT	2.44	2.49	2.57	2.65	2.62	2.68	2.77	2.86	2.79	2.85	2.94	3.04	3.04	2.93	3.00	3.10	3.20	3.06	3.13	3.23	3.34	3.17	3.24	3.34	3.46	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	
		Amps	11.2	11.4	11.7	12.1	12.0	12.2	12.5	12.9	12.8	13.1	13.4	13.9	13.9	13.5	13.8	14.2	14.7	14.3	14.6	15.0	15.5	15.0	15.3	15.8	16.3	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	
		HI PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	373	390	403	370	370	398	420	438	409	440	464	484	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05
		LO PR	113	120	131	140	119	127	139	148	124	132	144	154	154	130	139	152	161	137	137	145	159	169	141	150	164	175	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05
	<b>1217</b>	MBh	35.9	37.0	40.0	43.0	35.1	36.1	39.1	42.0	34.2	35.3	38.2	41.0	33.4	34.4	37.2	40.0	33.4	31.7	32.7	35.4	38.0	29.4	30.3	32.8	35.2	0.87	0.77	0.57	0.36	0.92	0.82	0.62	0.39	0.92	0.82	0.62	0.39	0.92	0.82	0.62	0.39	
		S/T	2.3	22	18	12	24	22	18	12	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	12	11	1.00	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.92	0.70	0.45	1.00	0.92	0.70	0.45
		ΔT	2.42	2.47	2.55	2.63	2.60	2.66	2.74	2.83	2.77	2.83	2.92	3.01	2.91	2.97	3.07	3.17	3.07	3.03	3.10	3.20	3.31	3.14	3.21	3.32	3.43	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	
		Amps	11.1	11.4	11.7	12.0	11.9	12.1	12.4	12.8	12.7	13.0	13.3	13.7	13.7	13.4	13.7	14.1	14.6	14.2	14.3	14.6	15.0	15.4	14.9	15.2	15.6	16.2	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05
		HI PR	224	241	254	265	251	270	285	298	286	307	325	339	325	325	350	370	386	366	366	394	416	434	404	435	460	479	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05
		LO PR	112	119	130	139	118	126	137	146	123	131	143	152	152	129	137	150	160	135	135	144	157	167	140	149	163	173	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05	1.12	1.09	1.07	1.05
<b>1067</b>	MBh	33.1	34.1	36.9	39.6	32.4	33.3	36.1	38.7	31.6	32.5	35.2	37.8	30.8	31.7	34.4	36.9	30.8	29.3	30.2	32.6	35.0	27.1	27.9	30.2	32.5	0.83	0.75	0.57	0.36	0.89	0.79	0.60	0.39	0.89	0.79	0.60	0.39	0.89	0.79	0.60	0.39</		



EXPANDED COOLING DATA — DP16GM36\*\*\*41\*\* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
<b>80</b>	MBh	37.6	38.5	41.1	43.9	36.8	37.6	40.1	42.9	35.9	36.7	39.2	41.9	35.0	35.8	38.2	40.9	33.3	34.0	36.3	38.8	30.8	31.5	33.6	36.0
	S/T	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.81	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.87	0.65	1.00	1.00	0.87	0.65
	Δ T	25	24	21	17	25	24	21	17	24	24	21	17	24	24	21	17	22	23	21	17	21	21	20	16
	kW	2.46	2.51	2.59	2.67	2.64	2.70	2.79	2.88	2.81	2.87	2.97	3.07	2.96	3.02	3.12	3.23	3.08	3.15	3.26	3.37	3.19	3.26	3.37	3.49
	Amps	11.3	11.5	11.8	12.2	12.0	12.3	12.6	13.0	12.9	13.2	13.5	14.0	13.6	13.9	14.3	14.8	14.4	14.7	15.1	15.6	15.1	15.4	15.9	16.4
	HI/PR	228	246	260	271	256	276	291	304	291	314	331	345	332	357	377	393	373	402	424	443	413	444	469	489
LO/PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
<b>1217</b>	MBh	36.6	37.3	39.9	42.7	35.7	36.5	39.0	41.7	34.9	35.6	38.0	40.7	34.0	34.7	<b>37.1</b>	39.7	32.3	33.0	35.3	37.7	29.9	30.6	32.7	34.9
	S/T	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	<b>0.80</b>	0.59	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
	Δ T	26	25	22	17	27	25	22	18	26	25	22	18	26	26	<b>22</b>	18	24	25	22	18	23	23	21	16
	kW	2.44	2.49	2.57	2.65	2.62	2.68	2.77	2.86	2.79	2.85	2.94	3.04	2.93	3.00	<b>3.10</b>	3.20	3.06	3.13	3.23	3.34	3.17	3.24	3.34	3.46
	Amps	11.2	11.4	11.7	12.1	12.0	12.2	12.5	12.9	12.8	13.1	13.4	13.9	13.5	13.8	<b>14.2</b>	14.7	14.3	14.6	15.0	15.5	15.0	15.3	15.8	16.3
	HI/PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	<b>374</b>	390	370	398	420	438	409	440	464	484
LO/PR	113	120	131	140	120	127	139	148	124	132	144	154	130	139	<b>152</b>	161	137	145	159	169	141	150	164	175	
<b>1067</b>	MBh	33.7	34.5	36.8	39.4	33.0	33.7	36.0	38.5	32.2	32.9	35.1	37.5	31.4	32.1	34.3	36.6	29.8	30.5	32.5	34.8	27.6	28.2	30.1	32.2
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.04	0.98	0.80	0.59	1.05	0.99	0.80	0.60
	Δ T	27	26	22	18	27	26	22	18	27	26	22	18	27	26	<b>23</b>	18	27	26	22	18	25	24	21	17
	kW	2.38	2.43	2.50	2.58	2.56	2.61	2.70	2.79	2.72	2.78	2.87	2.96	2.86	2.92	3.02	3.12	2.98	3.05	3.15	3.25	3.09	3.15	3.26	3.37
	Amps	11.0	11.2	11.5	11.8	11.7	11.9	12.2	12.6	12.5	12.8	13.1	13.5	13.2	13.5	13.9	14.3	13.9	14.2	14.6	15.1	14.6	15.0	15.4	15.9
	HI/PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	408	425	396	426	450	470
LO/PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	

<b>1366</b>	MBh	38.3	39.0	40.9	43.6	37.4	38.1	39.9	42.6	36.5	37.2	39.0	41.6	35.6	36.3	38.0	40.6	33.9	34.5	36.1	38.6	31.4	32.0	33.5	35.7
	S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
	Δ T	26	26	25	22	25	26	25	22	25	25	25	22	24	24	26	22	23	23	24	22	21	22	23	20
	kW	2.47	2.53	2.61	2.69	2.67	2.72	2.81	2.90	2.83	2.90	2.99	3.09	2.98	3.05	3.15	3.26	3.11	3.18	3.29	3.40	3.22	3.29	3.40	3.52
	Amps	11.4	11.6	11.9	12.3	12.1	12.4	12.7	13.1	13.0	13.3	13.6	14.1	13.8	14.0	14.4	14.9	14.5	14.8	15.2	15.7	15.2	15.6	16.0	16.5
	HI/PR	231	248	262	273	259	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	448	474	494
LO/PR	115	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	139	148	162	173	144	153	168	178	
<b>1217</b>	MBh	37.2	37.9	39.7	42.4	36.3	37.0	38.8	41.4	35.5	36.1	37.9	40.4	34.6	35.3	36.9	39.4	32.9	33.5	35.1	37.4	30.4	31.0	32.5	34.7
	S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	Δ T	28	28	26	23	27	28	26	23	27	27	26	23	26	27	27	23	25	25	26	23	23	23	24	21
	kW	2.46	2.51	2.59	2.67	2.64	2.70	2.79	2.88	2.81	2.87	2.97	3.07	2.96	3.02	3.12	3.23	3.08	3.15	3.26	3.37	3.19	3.26	3.37	3.49
	Amps	11.3	11.5	11.8	12.2	12.0	12.3	12.6	13.0	12.9	13.2	13.5	14.0	13.6	13.9	14.3	14.8	14.4	14.7	15.1	15.6	15.1	15.4	15.9	16.4
	HI/PR	228	246	260	271	256	276	291	304	291	314	331	345	332	357	377	393	373	402	424	443	413	444	469	489
LO/PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
<b>1067</b>	MBh	34.3	35.0	36.6	39.1	33.5	34.2	35.8	38.2	32.7	33.4	34.9	37.3	31.9	32.5	34.1	36.4	30.3	30.9	32.4	34.5	28.1	28.6	30.0	32.0
	S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	Δ T	28	28	26	23	29	28	27	23	28	28	27	23	28	28	27	23	26	27	27	23	24	25	25	21
	kW	2.40	2.45	2.52	2.60	2.58	2.64	2.72	2.81	2.74	2.80	2.89	2.99	2.89	2.95	3.05	3.15	3.01	3.07	3.17	3.28	3.11	3.18	3.29	3.40
	Amps	11.1	11.3	11.6	11.9	11.8	12.0	12.3	12.7	12.6	12.9	13.2	13.6	13.3	13.6	14.0	14.4	14.0	14.3	14.8	15.2	14.8	15.1	15.5	16.0
	HI/PR	222	238	252	263	249	268	282	295	283	304	321	335	322	347	366	382	362	390	412	429	400	431	455	474
LO/PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171	

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

EXPANDED COOLING DATA — DP16GM42\*\*\*41\*\*

IDB		Outdoor Ambient Temperature																																															
		65								75								85								95								105								115							
		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																
<b>70</b>	<b>1410</b>	MBh	42.8	44.3	48.6	-	41.8	43.3	47.4	-	40.8	42.3	46.3	-	39.8	41.2	45.2	-	37.8	39.2	42.9	-	35.0	36.3	39.7	-																							
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-																							
		Δ T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-																							
		kW	2.76	2.82	2.91	-	2.98	3.04	3.14	-	3.16	3.23	3.34	-	3.33	3.40	3.52	-	3.47	3.55	3.67	-	3.59	3.67	3.80	-																							
		Amps	12.2	12.4	12.8	-	13.0	13.3	13.7	-	14.0	14.3	14.7	-	14.8	15.1	15.6	-	15.6	16.0	16.5	-	16.5	16.8	17.3	-																							
	<b>1255</b>	HI PR	239	257	272	-	268	289	305	-	305	328	347	-	347	374	395	-	391	420	444	-	432	465	491	-																							
		LO PR	109	116	126	-	115	122	134	-	119	127	139	-	125	134	146	-	132	140	153	-	136	145	158	-																							
		MBh	41.5	43.0	47.1	-	40.5	42.0	46.0	-	39.6	41.0	44.9	-	38.6	40.0	43.8	-	36.7	38.0	41.7	-	34.0	35.2	38.6	-																							
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-																							
		Δ T	22	19	14	-	22	19	14	-	22	19	14	-	22	19	15	-	22	19	14	-	20	18	13	-																							
<b>1101</b>	kW	2.74	2.80	2.89	-	2.95	3.02	3.11	-	3.14	3.21	3.31	-	3.30	3.38	3.49	-	3.44	3.52	3.64	-	3.56	3.64	3.76	-																								
	Amps	12.1	12.3	12.7	-	12.9	13.2	13.6	-	13.9	14.2	14.6	-	14.7	15.0	15.4	-	15.5	15.9	16.3	-	16.3	16.7	17.2	-																								
	HI PR	237	255	269	-	265	286	302	-	302	325	343	-	344	370	391	-	387	416	440	-	427	460	486	-																								
	LO PR	108	115	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	139	151	-	135	143	156	-																								
	MBh	38.3	39.7	43.5	-	37.4	38.8	42.5	-	36.5	37.9	41.5	-	35.6	36.9	40.5	-	33.9	35.1	38.4	-	31.4	32.5	35.6	-																								
<b>75</b>	<b>1410</b>	S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-																							
		Δ T	22	19	14	-	22	19	15	-	22	19	15	-	22	19	15	-	22	19	15	-	21	18	14	-																							
		kW	2.68	2.73	2.82	-	2.88	2.94	3.04	-	3.06	3.13	3.23	-	3.22	3.29	3.40	-	3.36	3.43	3.54	-	3.47	3.55	3.67	-																							
		Amps	11.8	12.0	12.4	-	12.6	12.9	13.2	-	13.5	13.8	14.2	-	14.3	14.6	15.1	-	15.1	15.5	15.9	-	15.9	16.3	16.8	-																							
		HI PR	229	247	261	-	258	277	293	-	293	315	333	-	334	359	379	-	375	404	426	-	415	446	471	-																							
	<b>1255</b>	LO PR	104	111	121	-	110	117	128	-	115	122	133	-	121	128	140	-	126	134	147	-	131	139	152	-																							
		MBh	43.5	44.8	48.5	52.0	42.5	43.7	47.3	50.8	42.5	43.7	47.3	50.8	42.5	43.7	47.3	50.8	42.5	43.7	47.3	50.8	42.5	43.7	47.3	50.8																							
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42																							
		Δ T	24	22	18	13	24	22	18	13	24	22	18	13	25	23	19	13	24	22	18	13	23	21	17	12																							
		kW	2.79	2.85	2.94	3.03	3.00	3.07	3.16	3.27	3.19	3.26	3.37	3.48	3.36	3.43	3.55	3.66	3.50	3.58	3.70	3.82	3.62	3.70	3.83	3.96																							
<b>1101</b>	Amps	12.3	12.5	12.9	13.3	13.1	13.4	13.8	14.2	14.1	14.4	14.8	15.3	14.9	15.3	15.7	16.2	15.8	16.1	16.6	17.2	16.6	17.0	17.5	18.1																								
	HI PR	241	260	274	286	271	291	308	321	308	332	350	365	351	378	399	416	395	425	449	468	436	469	496	517																								
	LO PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170																								
	MBh	42.2	43.5	47.0	50.5	41.2	42.5	45.9	49.3	40.2	41.4	44.9	48.1	39.3	<b>40.4</b>	43.8	47.0	37.3	38.4	41.6	44.6	34.6	35.6	38.5	41.3																								
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	<b>0.79</b>	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40																								
<b>1255</b>	Δ T	25	23	19	13	25	23	19	13	25	23	19	13	26	<b>24</b>	19	13	25	23	19	13	24	22	18	12																								
	kW	2.76	2.82	2.91	3.01	2.98	3.04	3.14	3.24	3.16	3.23	3.34	3.45	3.33	<b>3.40</b>	3.52	3.63	3.47	3.55	3.67	3.79	3.59	3.67	3.80	3.93																								
	Amps	12.2	12.4	12.8	13.2	13.0	13.3	13.7	14.1	14.0	14.3	14.7	15.2	14.8	<b>15.1</b>	15.6	16.1	15.7	16.0	16.5	17.0	16.5	16.8	17.3	17.9																								
	HI PR	239	257	272	283	268	289	305	318	305	328	347	362	347	<b>374</b>	395	412	391	421	444	463	432	465	491	512																								
	LO PR	109	116	126	135	115	122	134	142	119	127	139	148	126	<b>134</b>	146	155	132	140	153	163	136	145	158	168																								
<b>1101</b>	MBh	39.0	40.1	43.4	46.6	38.1	39.2	42.4	45.5	37.2	38.3	41.4	44.4	36.2	37.3	40.4	43.4	34.4	35.5	38.4	41.2	31.9	32.8	35.5	38.1																								
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.90	0.80	0.61	0.39																								
	Δ T	25	23	19	13	26	24	19	13	26	24	19	13	26	24	20	13	26	24	19	13	24	22	18	12																								
	kW	2.70	2.75	2.84	2.93	2.90	2.97	3.06	3.16	3.09	3.15	3.26	3.36	3.25	3.32	3.43	3.54	3.38	3.46	3.57	3.69	3.50	3.58	3.70	3.82																								
	Amps	11.9	12.1	12.5	12.9	12.7	13.0	13.3	13.8	13.6	13.9	14.3	14.8	14.5	14.8	15.2	15.7	15.3	15.6	16.1	16.6	16.1	16.4	16.9	17.5																								
HI PR	232	249	263	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	496																									
LO PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163																									

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 — DP16GM42\*\*\*41\*\* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												105°F												115°F											
		65°F				75°F				85°F				95°F				105°F				115°F															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71												
80	MBh	44.3	45.2	48.3	51.6	43.2	44.2	47.2	50.4	42.2	43.1	46.1	49.2	41.2	42.1	44.9	48.0	39.1	40.0	42.7	45.6	36.2	37.0	39.5	42.3												
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.82	0.61												
	Δ T	27	26	22	18	27	26	23	18	28	26	23	18	27	26	23	18	26	26	23	18	24	24	21	17												
	kW	2.81	2.87	2.96	3.05	3.03	3.09	3.19	3.30	3.22	3.29	3.40	3.51	3.39	3.46	3.58	3.70	3.53	3.61	3.73	3.86	3.65	3.74	3.86	3.99												
	Amps	12.4	12.6	13.0	13.4	13.2	13.5	13.9	14.3	14.2	14.5	14.9	15.4	15.1	15.4	15.8	16.4	15.9	16.3	16.7	17.3	16.7	17.1	17.6	18.2												
	Hi PR	244	262	277	289	274	294	311	324	311	335	354	369	354	381	403	420	399	429	453	473	441	474	501	522												
	Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172												
	MBh	43.0	43.9	46.9	50.1	42.0	42.9	45.8	49.0	41.0	41.9	44.7	47.8	40.0	40.8	43.6	46.6	38.0	38.8	41.4	44.3	35.2	35.9	38.4	41.0												
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58												
	Δ T	28	27	23	19	28	27	24	19	28	27	24	19	28	27	24	19	28	27	23	19	26	25	22	17												
kW	2.79	2.85	2.94	3.03	3.00	3.07	3.16	3.27	3.19	3.26	3.37	3.48	3.36	3.43	3.55	3.67	3.50	3.58	3.70	3.82	3.62	3.71	3.83	3.96													
Amps	12.3	12.5	12.9	13.3	13.1	13.4	13.8	14.2	14.1	14.4	14.8	15.3	14.9	15.3	15.7	16.2	15.8	16.1	16.6	17.2	16.6	17.0	17.5	18.1													
Hi PR	241	260	274	286	271	292	308	321	308	332	350	365	351	378	399	416	395	425	449	468	436	469	496	517													
Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170													
85	MBh	39.7	40.5	43.3	46.3	38.7	39.6	42.3	45.2	37.8	38.6	41.3	44.1	36.9	37.7	40.3	43.1	35.0	35.8	38.3	40.9	32.5	33.2	35.4	37.9												
	S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56												
	Δ T	28	27	24	19	29	27	24	19	29	28	24	19	29	28	24	19	28	27	24	19	27	26	22	18												
	kW	2.72	2.78	2.86	2.96	2.93	2.99	3.09	3.19	3.11	3.18	3.28	3.39	3.27	3.35	3.46	3.57	3.41	3.49	3.60	3.73	3.53	3.61	3.73	3.86												
	Amps	12.0	12.2	12.6	13.0	12.8	13.1	13.4	13.9	13.8	14.0	14.5	14.9	14.6	14.9	15.3	15.8	15.4	15.7	16.2	16.7	16.2	16.6	17.1	17.6												
	Hi PR	234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	501												
	Lo PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165												
	MBh	45.0	45.9	48.1	51.3	44.0	44.8	47.0	50.1	42.9	43.8	45.8	48.9	41.9	42.7	44.7	47.7	39.8	40.6	42.5	45.3	36.9	37.6	39.3	42.0												
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.98	0.79												
	Δ T	29	28	27	23	29	29	27	23	28	29	27	23	27	28	27	24	26	26	27	23	24	25	25	22												
kW	2.83	2.89	2.98	3.08	3.05	3.12	3.22	3.32	3.24	3.32	3.42	3.54	3.41	3.49	3.61	3.73	3.56	3.64	3.76	3.89	3.68	3.77	3.89	4.03													
Amps	12.5	12.7	13.1	13.5	13.3	13.6	14.0	14.4	14.3	14.6	15.0	15.5	15.2	15.5	16.0	16.5	16.0	16.4	16.9	17.5	16.9	17.3	17.8	18.4													
Hi PR	246	265	280	292	276	297	314	328	314	338	357	372	358	385	407	424	403	433	458	477	445	479	506	527													
Lo PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173													
MBh	43.7	44.6	46.7	49.8	42.7	43.5	45.6	48.6	41.7	42.5	44.5	47.5	40.7	41.5	43.4	46.3	38.6	39.4	41.2	44.0	35.8	36.5	38.2	40.8													
S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75													
Δ T	30	29	28	24	30	30	28	24	30	30	28	24	30	30	28	24	28	29	28	24	26	27	26	23													
kW	2.81	2.87	2.96	3.05	3.03	3.09	3.19	3.30	3.22	3.29	3.40	3.51	3.39	3.46	3.58	3.70	3.53	3.61	3.73	3.86	3.65	3.74	3.86	3.99													
Amps	12.4	12.6	13.0	13.4	13.2	13.5	13.9	14.3	14.2	14.5	14.9	15.4	15.1	15.4	15.8	16.4	15.9	16.3	16.7	17.3	16.7	17.1	17.6	18.2													
Hi PR	244	262	277	289	274	294	311	324	311	335	354	369	354	381	403	420	399	429	453	473	441	474	501	522													
Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172													
MBh	40.3	41.1	43.1	46.0	39.4	40.2	42.1	44.9	38.5	39.2	41.1	43.8	37.5	38.3	40.1	42.7	35.7	36.3	38.1	40.6	33.0	33.7	35.3	37.6													
S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73													
Δ T	30	30	28	24	31	30	28	25	31	30	28	25	31	30	29	25	30	30	28	24	28	28	26	23													
kW	2.74	2.80	2.89	2.98	2.95	3.02	3.11	3.21	3.14	3.21	3.31	3.42	3.30	3.37	3.49	3.60	3.44	3.52	3.63	3.76	3.56	3.64	3.76	3.89													
Amps	12.1	12.3	12.7	13.1	12.9	13.2	13.5	14.0	13.9	14.2	14.6	15.0	14.7	15.0	15.4	16.0	15.5	15.9	16.3	16.9	16.3	16.7	17.2	17.8													
Hi PR	237	255	269	280	265	286	302	315	302	325	343	358	344	370	391	407	387	416	439	458	427	460	486	506													
Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	167													

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 — DP16GM60\*\*\*41\*\*

IDB		Outdoor Ambient Temperature																																															
		65								75								85								95								105								115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		Entering Indoor Wet Bulb Temperature																																															
		Entering Indoor Wet Bulb Temperature																																															
<b>70</b>	MBh	58.1	60.2	66.0	-	56.8	58.8	64.5	-	55.4	57.4	62.9	-	54.1	56.0	61.4	-	51.4	53.2	58.3	-	47.6	49.3	54.0	-																								
	S/T	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.52	-																								
	Δ T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-																								
	kW	3.87	3.95	4.07	-	4.15	4.24	4.36	-	4.40	4.49	4.63	-	4.62	4.71	4.86	-	4.80	4.90	5.06	-	4.96	5.07	5.23	-																								
	Amps	18.0	18.3	18.8	-	19.1	19.5	20.0	-	20.5	20.9	21.4	-	21.6	22.0	22.6	-	22.7	23.2	23.8	-	23.9	24.4	25.0	-																								
HiPR	194	209	221	-	218	235	248	-	248	267	282	-	283	304	321	-	318	342	361	-	351	378	399	-																									
LOPR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	163	-																									
MBh	56.4	58.5	64.1	-	55.1	57.1	62.6	-	53.8	55.8	61.1	-	52.5	54.4	59.6	-	49.9	51.7	56.6	-	46.2	47.9	52.4	-																									
S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-																									
Δ T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-																									
kW	3.84	3.92	4.04	-	4.12	4.20	4.33	-	4.36	4.46	4.59	-	4.58	4.68	4.82	-	4.77	4.87	5.02	-	4.92	5.03	5.19	-																									
Amps	17.9	18.2	18.7	-	19.0	19.4	19.9	-	20.3	20.7	21.3	-	21.4	21.9	22.5	-	22.6	23.0	23.7	-	23.7	24.2	24.8	-																									
HiPR	193	207	219	-	216	232	245	-	246	264	279	-	280	301	318	-	315	339	358	-	348	374	395	-																									
LOPR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-																									
MBh	53.6	55.6	60.9	-	52.4	54.3	59.5	-	51.1	53.0	58.0	-	49.9	51.7	56.6	-	47.4	49.1	53.8	-	43.9	45.5	49.8	-																									
S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-																									
Δ T	20	17	13	-	20	17	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-																									
kW	3.79	3.86	3.97	-	4.06	4.14	4.26	-	4.30	4.39	4.52	-	4.51	4.60	4.75	-	4.69	4.79	4.94	-	4.84	4.95	5.10	-																									
Amps	17.6	17.9	18.4	-	18.7	19.1	19.6	-	20.0	20.4	20.9	-	21.1	21.5	22.1	-	22.2	22.7	23.3	-	23.3	23.8	24.5	-																									
HiPR	189	203	214	-	212	228	241	-	241	259	274	-	274	295	312	-	308	332	351	-	341	367	387	-																									
LOPR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-	136	144	158	-																									

<b>75</b>	MBh	59.1	60.8	65.9	70.7	57.7	59.4	64.3	69.0	56.3	58.0	62.8	67.4	55.0	56.6	61.3	65.8	52.2	53.8	58.2	62.5	48.4	49.8	53.9	57.9
	S/T	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.91	0.69	0.44
	Δ T	22	20	16	11	22	20	16	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11
	kW	3.90	3.98	4.10	4.22	4.18	4.27	4.40	4.54	4.43	4.53	4.67	4.81	4.65	4.75	4.90	5.06	4.84	4.95	5.10	5.27	5.00	5.11	5.27	5.45
	Amps	18.1	18.5	18.9	19.5	19.3	19.7	20.2	20.8	20.6	21.0	21.6	22.3	21.8	22.2	22.8	23.5	22.9	23.4	24.0	24.8	24.0	24.5	25.2	26.1
HiPR	196	211	223	233	220	237	250	261	251	270	285	297	285	307	324	338	321	346	365	381	355	382	403	421	
LOPR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175	
MBh	57.4	59.1	63.9	68.6	56.0	57.7	62.5	67.0	62.5	54.7	56.3	61.0	65.4	53.4	55.0	59.5	63.8	50.7	52.2	56.5	60.6	47.0	48.4	52.3	56.2
S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.92	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42	
Δ T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	
kW	3.87	3.95	4.07	4.19	4.15	4.24	4.37	4.50	4.40	4.49	4.63	4.78	4.62	4.72	4.86	5.02	4.80	4.91	5.06	5.22	4.96	5.07	5.23	5.40	
Amps	18.0	18.3	18.8	19.4	19.1	19.5	20.0	20.6	20.5	20.9	21.4	22.1	21.6	22.0	22.6	23.4	22.7	23.2	23.9	24.6	23.9	24.4	25.0	25.9	
HiPR	194	209	221	230	218	235	248	259	248	267	282	294	283	304	321	335	318	342	361	377	351	378	399	416	
LOPR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	
MBh	54.5	56.1	60.7	65.2	53.2	54.8	59.3	63.7	52.0	53.5	57.9	62.2	50.7	52.2	56.5	60.6	48.2	49.6	53.7	57.6	44.6	45.9	49.7	53.4	
S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
Δ T	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11	
kW	3.81	3.89	4.00	4.13	4.09	4.17	4.30	4.43	4.33	4.42	4.56	4.70	4.55	4.64	4.79	4.94	4.73	4.83	4.98	5.14	4.88	4.99	5.15	5.31	
Amps	17.7	18.1	18.5	19.1	18.9	19.2	19.7	20.3	20.2	20.6	21.1	21.8	21.3	21.7	22.3	23.0	22.4	22.8	23.5	24.2	23.5	24.0	24.7	25.4	
HiPR	191	205	217	226	214	230	243	253	243	262	276	288	277	298	315	328	312	335	354	369	344	371	391	408	
LOPR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Design Subcooling: 5-7 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat: 15-18°F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DP16GM60\*\*\*41\*\* (CONT.)

IDB		Outdoor Ambient Temperature												105												115											
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature												105												115											
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								
<b>80</b>	MBh	60.1	61.5	65.7	70.2	58.7	60.0	64.1	68.6	57.4	58.6	62.6	66.9	56.0	57.2	61.1	65.3	53.2	54.3	58.0	62.0	49.2	50.3	53.8	57.5												
	S/T	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.96	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.85	0.63												
	Δ T	24	23	20	16	24	23	20	16	24	23	20	16	23	24	20	16	22	22	20	16	20	21	19	15												
	kW	3.93	4.01	4.13	4.25	4.22	4.30	4.43	4.57	4.47	4.56	4.70	4.85	4.69	4.79	4.94	5.10	4.88	4.99	5.14	5.31	5.04	5.15	5.32	5.49												
	Amps	18.3	18.6	19.1	19.6	19.4	19.8	20.3	20.9	20.8	21.2	21.8	22.4	21.9	22.4	23.0	23.7	23.1	23.6	24.2	25.0	24.2	24.7	25.4	26.3												
	HI PR	198	214	225	235	223	240	253	264	253	272	288	300	288	310	328	342	324	349	369	385	358	386	407	425												
	LO PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177												
	MBh	58.4	59.7	63.8	68.2	57.0	58.3	62.3	66.6	55.7	56.9	60.8	65.0	54.3	55.5	59.3	63.4	51.6	52.7	56.3	60.2	47.8	48.8	52.2	55.8												
	S/T	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.99	0.80	0.60	1.00	0.99	0.81	0.60												
	Δ T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	23	20	16												
kW	3.90	3.98	4.10	4.22	4.18	4.27	4.40	4.54	4.43	4.53	4.67	4.81	4.65	4.75	4.90	5.06	4.84	4.95	5.10	5.27	5.00	5.11	5.27	5.45													
Amps	18.1	18.5	18.9	19.5	19.3	19.7	20.2	20.8	20.6	21.0	21.6	22.3	21.8	22.2	22.8	23.5	22.9	23.4	24.0	24.8	24.1	24.5	25.2	26.1													
HI PR	196	211	223	233	220	237	250	261	251	270	285	297	286	307	324	338	321	346	365	381	355	382	403	421													
LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175													
MBh	55.5	56.7	60.6	64.7	54.2	55.4	59.2	63.2	52.9	54.1	57.7	61.7	51.6	52.7	56.3	60.2	49.0	50.1	53.5	57.2	45.4	46.4	49.6	53.0													
S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.94	0.77	0.57	1.02	0.95	0.78	0.58													
Δ T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16													
kW	3.84	3.92	4.04	4.16	4.12	4.20	4.33	4.47	4.36	4.46	4.59	4.74	4.58	4.68	4.82	4.98	4.77	4.87	5.02	5.18	4.92	5.03	5.19	5.36													
Amps	17.9	18.2	18.7	19.2	19.0	19.4	19.9	20.5	20.3	20.7	21.3	21.9	21.4	21.9	22.5	23.2	22.6	23.0	23.7	24.4	23.7	24.2	24.8	25.6													
HI PR	193	207	219	228	216	232	245	256	246	264	279	291	280	301	318	332	315	339	358	373	348	374	395	412													
LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171													
MBh	61.2	62.4	65.3	69.7	59.8	60.9	63.8	68.1	58.4	59.5	62.3	66.5	56.9	58.0	60.8	64.8	54.1	55.1	57.7	61.6	50.1	51.1	53.5	57.1													
S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.96	0.78	1.00	1.00	0.82														
Δ T	25	25	24	21	25	25	24	21	24	25	24	21	24	24	24	21	22	23	24	21	21	21	22	19													
kW	3.96	4.04	4.16	4.29	4.25	4.34	4.47	4.61	4.50	4.60	4.74	4.89	4.73	4.83	4.98	5.14	4.92	5.03	5.19	5.35	5.09	5.19	5.36	5.54													
Amps	18.4	18.7	19.2	19.8	19.6	19.9	20.5	21.1	20.9	21.3	21.9	22.6	22.1	22.5	23.2	23.9	23.3	23.7	24.4	25.2	24.4	24.9	25.6	26.5													
HI PR	200	216	228	237	225	242	256	266	256	275	291	303	291	313	331	345	328	353	372	388	362	390	411	429													
LO PR	115	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	139	148	162	172	144	153	168	178													
MBh	59.4	60.6	63.4	67.7	58.0	59.2	62.0	66.1	56.7	57.7	60.5	64.5	55.3	56.3	59.0	63.0	52.5	53.5	56.1	59.8	48.6	49.6	51.9	55.4													
S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79													
Δ T	27	26	25	21	27	27	25	22	26	27	25	22	26	26	25	22	24	25	25	22	23	23	23	20													
kW	3.93	4.01	4.13	4.25	4.22	4.30	4.43	4.57	4.47	4.56	4.70	4.85	4.69	4.79	4.94	5.10	4.88	4.99	5.14	5.31	5.04	5.15	5.32	5.49													
Amps	18.3	18.6	19.1	19.6	19.4	19.8	20.3	20.9	20.8	21.2	21.8	22.4	21.9	22.4	23.0	23.7	23.1	23.6	24.2	25.0	24.2	24.7	25.4	26.3													
HI PR	198	214	225	235	223	240	253	264	253	272	288	300	288	310	328	342	324	349	369	385	358	386	407	425													
LO PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177													
MBh	56.4	57.5	60.3	64.3	55.1	56.2	58.9	62.8	53.8	54.9	57.5	61.3	52.5	53.5	56.1	59.8	49.9	50.8	53.3	56.8	46.2	47.1	49.3	52.6													
S/T	0.93	0.89	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75													
Δ T	27	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	26	27	26	22	24	25	24	21													
kW	3.87	3.95	4.07	4.19	4.15	4.24	4.36	4.50	4.40	4.49	4.63	4.77	4.62	4.71	4.86	5.02	4.80	4.90	5.06	5.22	4.96	5.07	5.23	5.40													
Amps	18.0	18.3	18.8	19.4	19.1	19.5	20.0	20.6	20.5	20.9	21.4	22.1	21.6	22.0	22.6	23.3	22.7	23.2	23.8	24.6	23.9	24.4	25.0	25.9													
HI PR	194	209	221	230	218	235	248	259	248	267	282	294	283	304	321	335	318	342	361	377	351	378	399	416													
LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173													

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Design Subcooling: 5-7 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat: 15-18°F @ the compressor suction access fitting connection.  
 Shaded area reflects AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

# AIRFLOW DATA

**DP16GM2406041\*\* - RISE RANGE: 35° - 65°**

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	720	47	960	47
D	640	850	800	42	1065	42
D+	700	935	880	38	1170	38

**DP16GM3008041\*\* - RISE RANGE: 35° - 65°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	545	810	720	63	960	63
A	605	900	800	56	1065	56
A+	665	990	880	51	1170	51
B-	605	900	810	56	1075	56
B	670	1000	900	50	1195	50
B+	735	1100	990	45	1315	46
C-	650	970	900	50	1195	50
C	720	1075	1000	45	1330	45
C+	795	1185	1100	41	1465	41
D-	665	990	990	45	1315	46
D	735	1100	1100	41	1465	41
D+	810	1210	1210	37	1610	37

**DP16GM3608041\*\* - RISE RANGE: 35° - 65°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	680	1015	720	63	960	63
A	755	1125	800	56	1065	56
A+	830	1240	880	51	1170	51
B-	725	1080	810	56	1075	56
B	805	1200	900	50	1195	50
B+	885	1320	990	45	1315	46
C-	755	1125	900	50	1195	50
C	840	1250	1000	45	1330	45
C+	920	1375	1100	41	1465	41
D-	800	1195	990	45	1315	46
D	890	1325	1100	41	1465	41
D+	980	1460	1210	37	1610	37

**DP16GM4210041\*\* - 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	1240	45	1650	45
D	1245	1500	1375	41	1830	41
D+	1370	1650	1515	37	2015	37

**DP16GM6014041A\* - RISE RANGE: 35° - 65°**

TAP	LOW COOL	HIGH COOL	LOW HEAT		HIGH HEAT	
			CFM	RISE	CFM	RISE
A-	1250	1800	1250	59	1800	58
A	1390	2000	1390	53	2000	53
A+	1530	2200	1530	48	2200	48
B-	1155	1665	1155	64	1665	63
B	1285	1850	1285	57	1850	57
B+	1415	2035	1415	52	2035	52
C-	1000	1440	1000	X	1440	X
C	1110	1600	1110	X	1600	X
C+	1225	1760	1220	60	1760	60
D-	845	1215	845	X	1215	X
D	940	1350	940	X	1350	X
D+	1030	1485	1035	X	1485	X

X = Outside of Temperature Rise Range - Not Recommended.

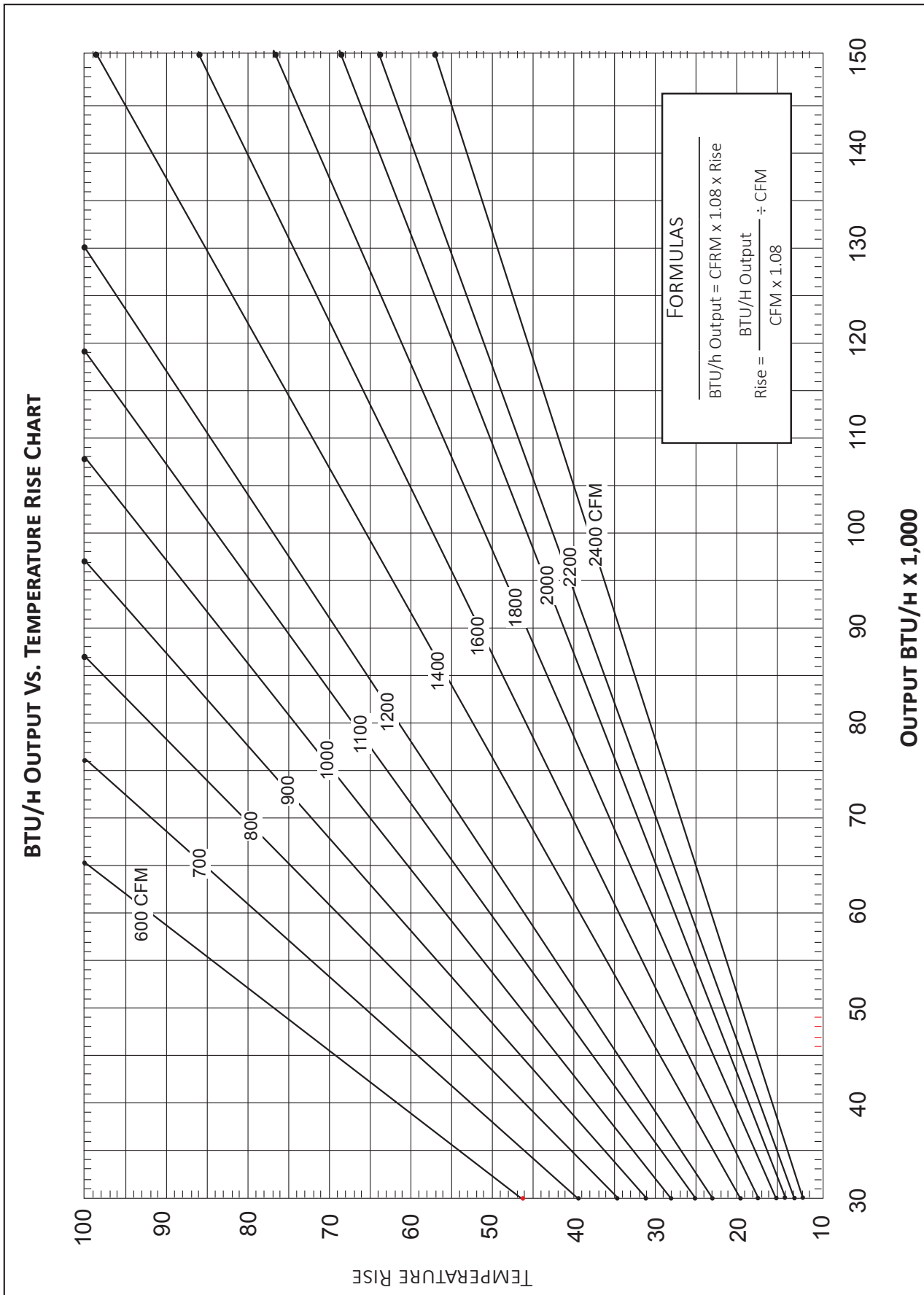
5 Ton  
 MODELS: DP16GM60\*\*\*41B\*

DOWN FLOW						
SPEED TAP	TORQUE %	TORQUE OZ-FT	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1	25	20	0.2	983	570	0.14
			0.4	833	659	0.16
			0.6	703	739	0.18
			0.8	574	808	0.19
			1.0	446	871	0.21
T2	39	31.2	0.2	1299	669	0.25
			0.4	1193	730	0.27
			0.6	1058	815	0.30
			0.8	950	875	0.32
			1.0	842	936	0.35
T3	68	54.4	0.2	1770	825	0.53
			0.4	1684	875	0.57
			0.6	1595	926	0.60
			0.8	1513	975	0.63
			1.0	1401	1039	0.67
T4	76	60.8	0.2	1862	859	0.62
			0.4	1787	909	0.66
			0.6	1702	955	0.69
			0.8	1625	1005	0.73
			1.0	1536	1056	0.76
T5	100	80	0.2	2132	954	0.91
			0.4	2056	993	0.95
			0.6	1080	1038	0.99
			0.8	1899	1079	1.03
			1.0	1828	1113	1.06

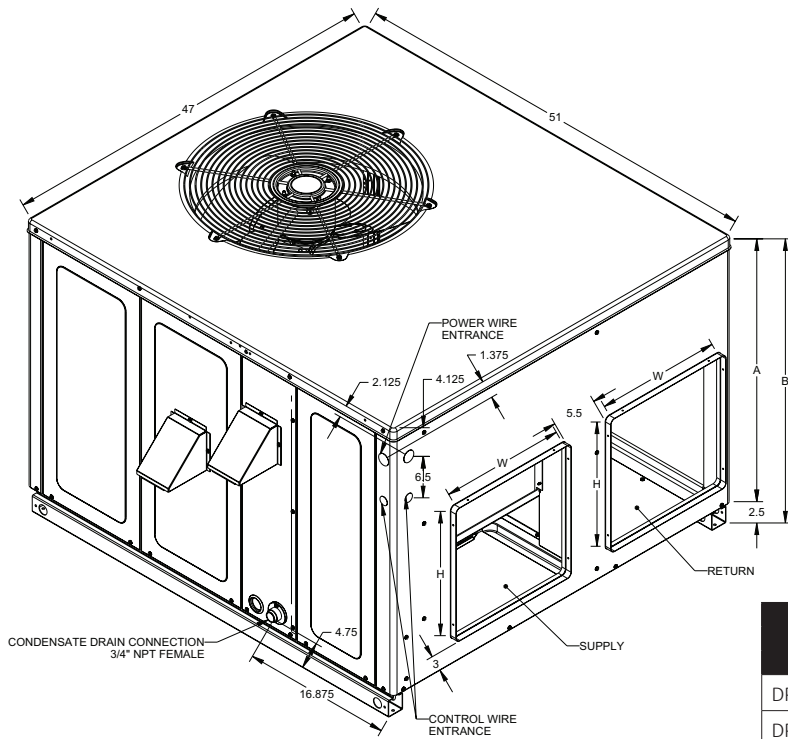
HORIZONTAL FLOW						
SPEED TAP	TORQUE %	TORQUE OZ-FT	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1	25	20	0.2	1003	606	0.14
			0.4	850	701	0.17
			0.6	718	785	0.19
			0.8	586	858	0.20
			1.0	455	926	0.22
T2	39	31.2	0.2	1325	710	0.26
			0.4	1217	775	0.29
			0.6	1080	866	0.32
			0.8	969	930	0.35
			1.0	859	995	0.37
T3	68	54.4	0.2	1806	876	0.57
			0.4	1718	930	0.60
			0.6	1627	984	0.64
			0.8	1544	1036	0.67
			1.0	1429	1104	0.71
T4	76	60.8	0.2	1901	912	0.66
			0.4	1824	966	0.70
			0.6	1737	1014	0.73
			0.8	1658	1067	0.77
			1.0	1567	1122	0.81
T5	100	80	0.2	2175	1014	0.97
			0.4	2098	1055	1.00
			0.6	1102	1102	1.05
			0.8	1938	1146	1.09
			1.0	1865	1183	1.13

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

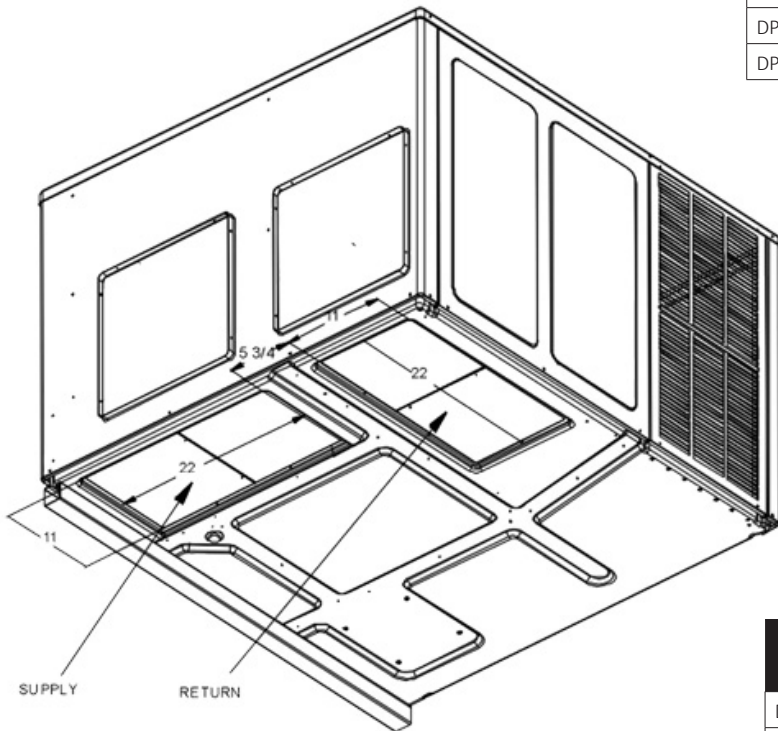
TEMPERATURE RISE RANGE CHART





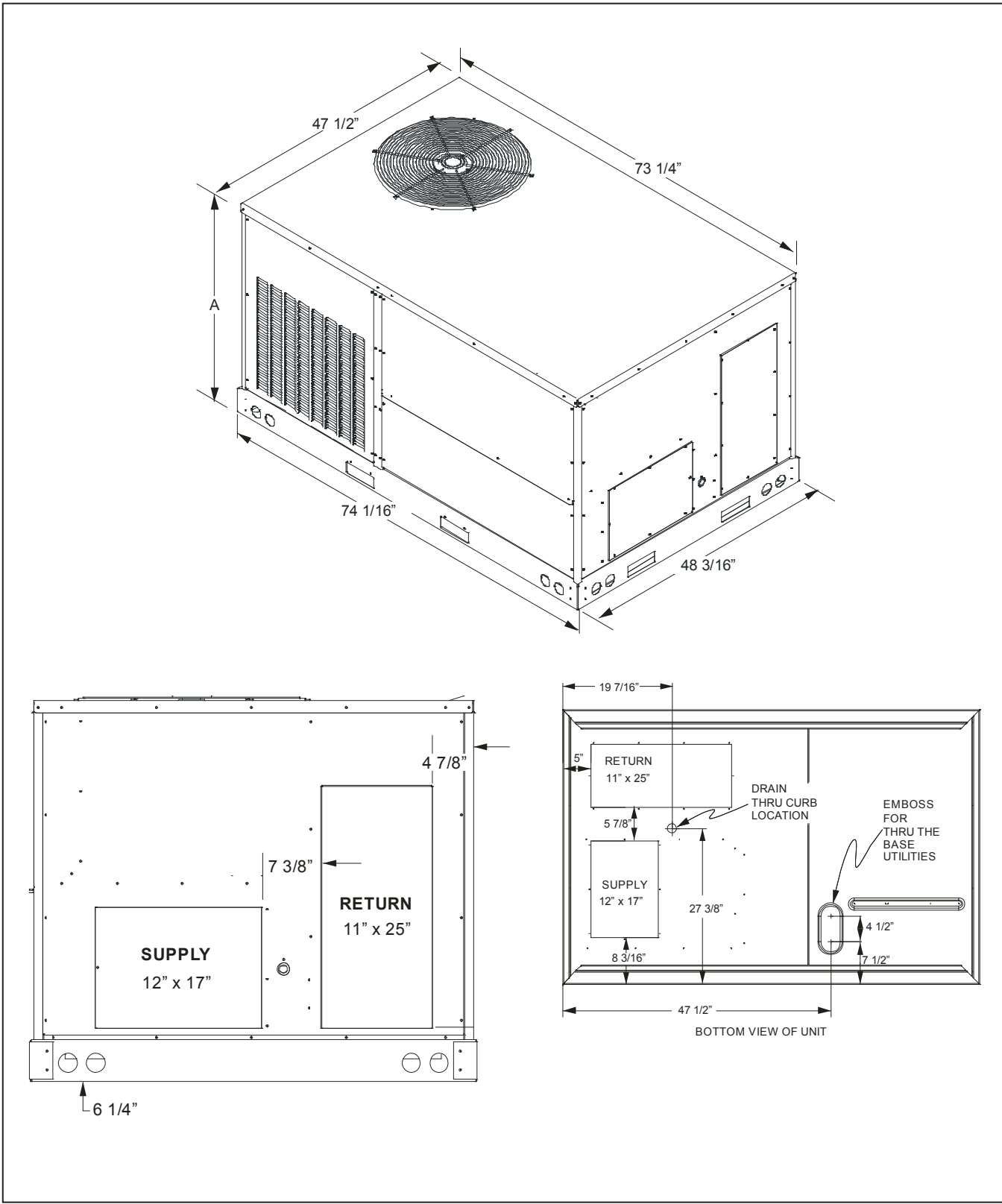


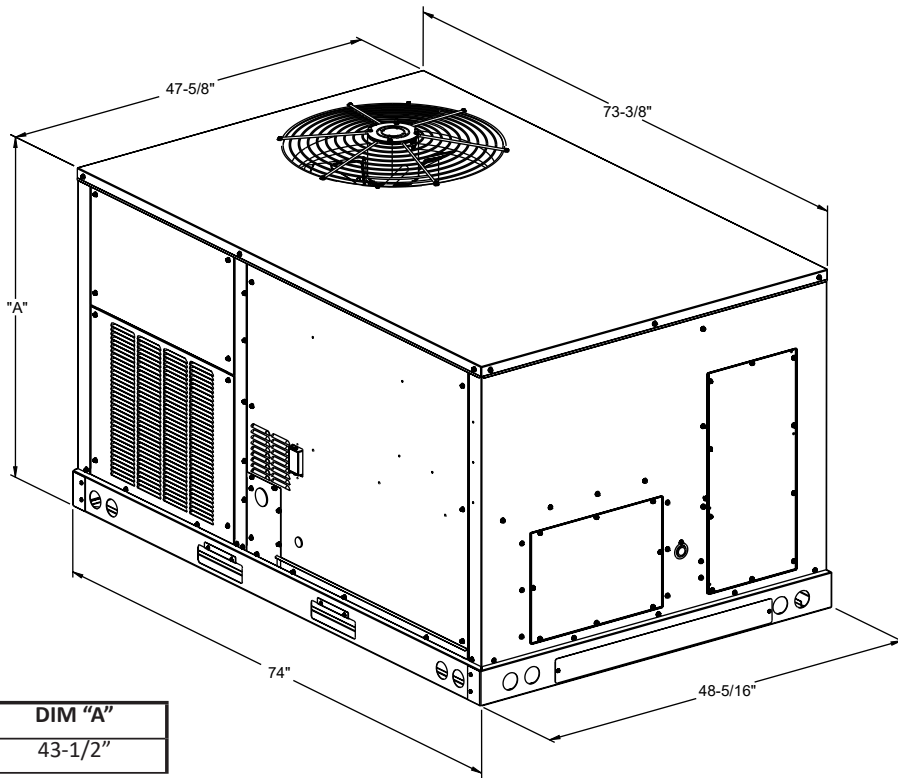
MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
	W	D	HEIGHT		
DP16GM24***41	47	51	32	34½	Medium
DP16GM30***41	47	51	32	34½	Medium
DP16GM36***41	47	51	40	42½	Large
DP16GM42***41	47	51	40	42½	Large
DP16GM60***41	73½	47½	39	43½	X-Large



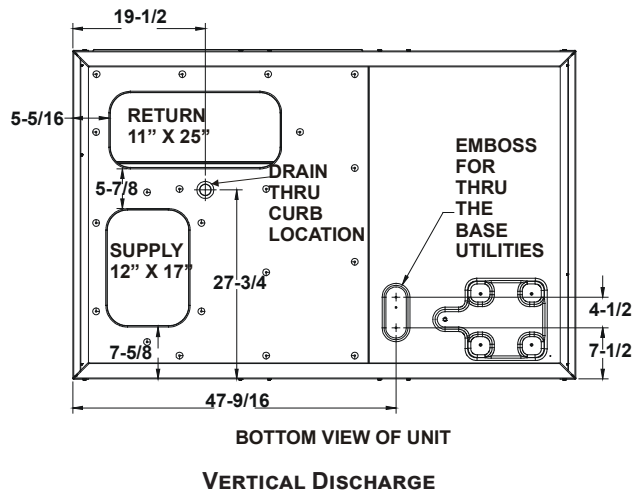
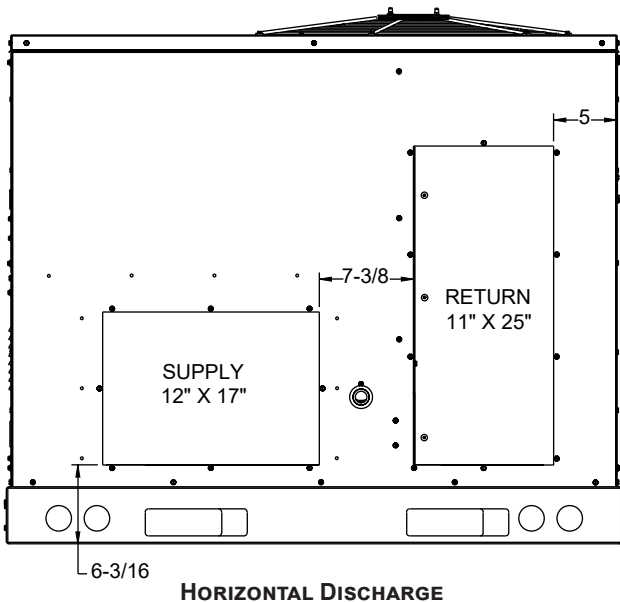
MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
DP16GM24***41	16	16	16	16
DP16GM30***41	16	16	16	16
DP16GM36***41	16	18	16	18
DP16GM42***41	16	16	16	16
DP16GM60***41	17	12	11	25

**DIMENSIONS – DP16GM60\*\*\*41A\***





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



## ROOF CURB INSTALLATION — RIGGING

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

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

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

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

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

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

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

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

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

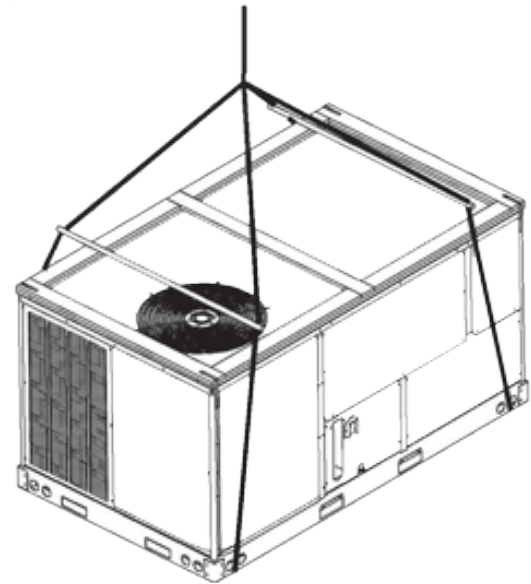
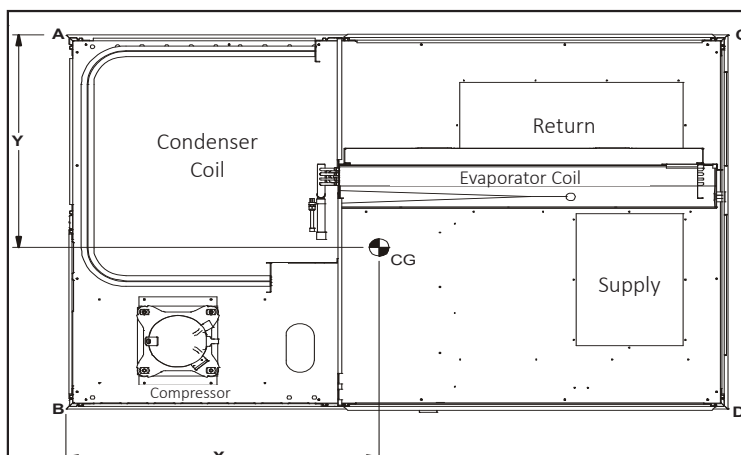
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory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

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

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

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

### CORNER & CENTER-OF-GRAVITY LOCATIONS



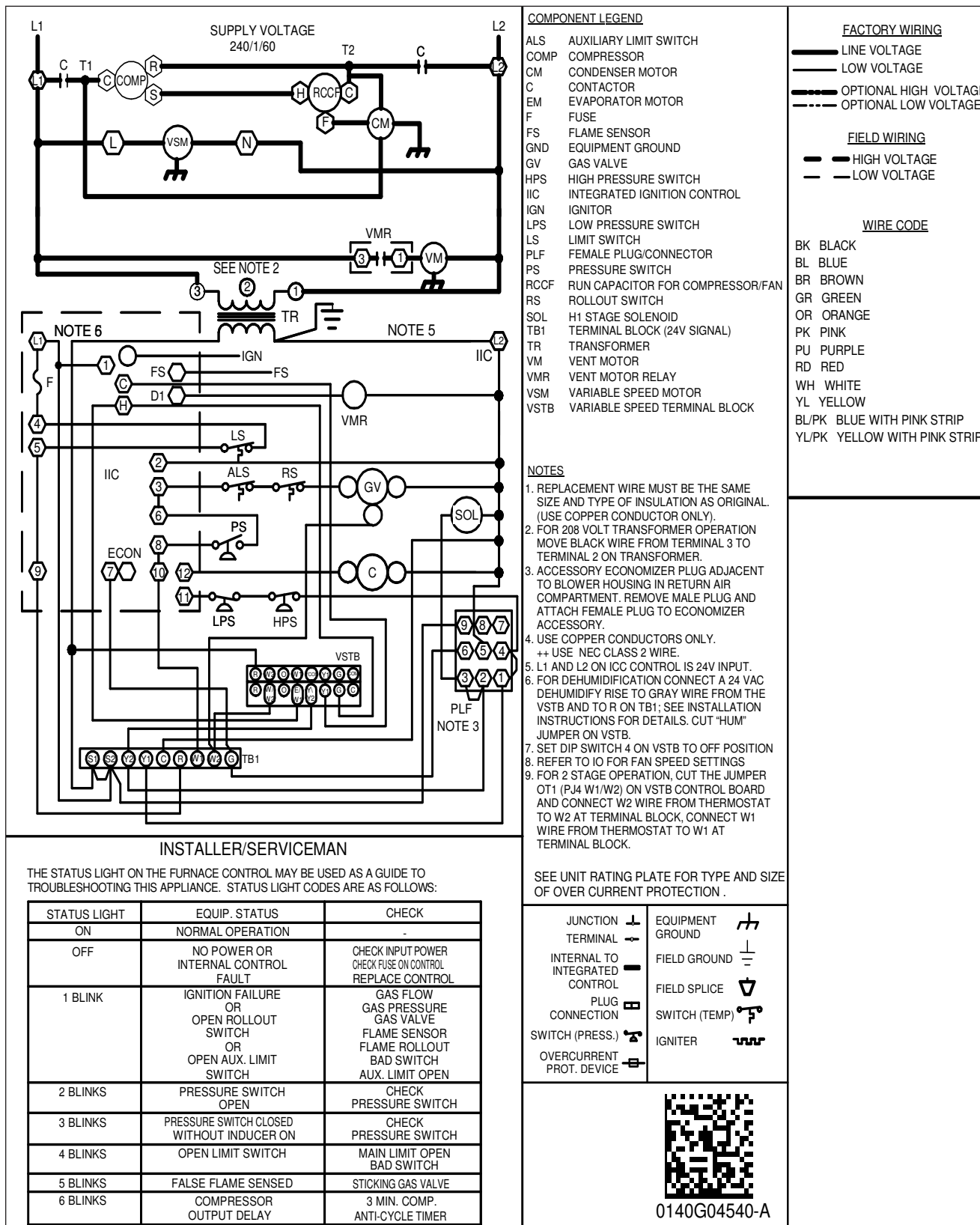
MODEL	X (IN)	Y (IN)	SHIPPING WEIGHT (LBS)	OPERATING WEIGHT (LBS)
DP16GM60***M41	46.4	28.1	655	629

MODEL	CORNER WEIGHTS (LBS.)			
	A	B	C	D
DP16GM60***M41	186	204	65	174





# WIRING DIAGRAM — DP16GM60\*\*\*41B\* (CONT.)



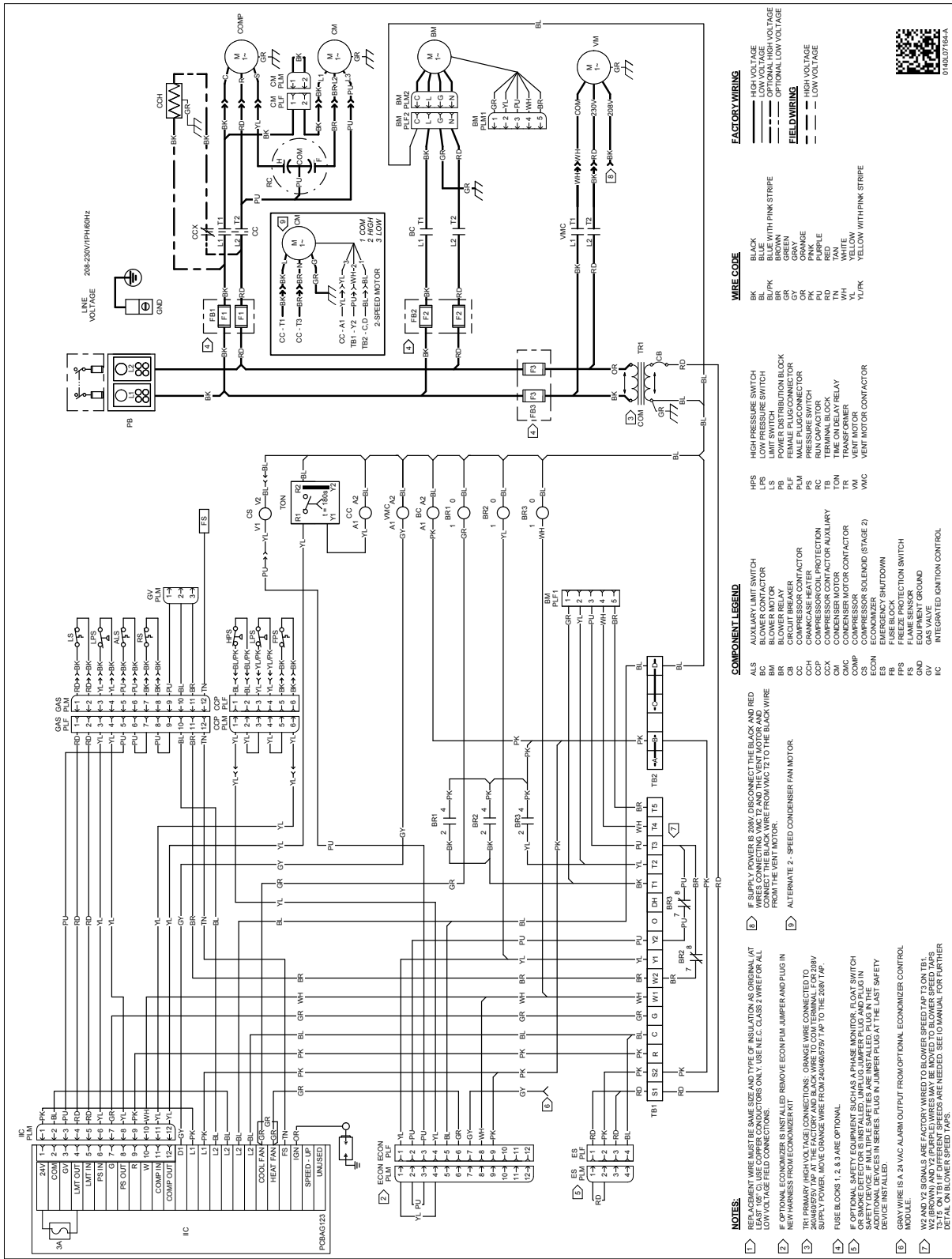
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



**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 DIAGRAM — DP16GM60\*\*\*41B\*



**WIRE CODE**

BK	BLACK
BL	BLUE
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
GY	GRAY
OR	ORANGE
PK	PINK
PL	PURPLE
PU	PURPLE
TN	TAN
WH	WHITE
YL/PK	YELLOW WITH PINK STRIPE

**FACTORY WIRING**

—	BLACK WIRE
—	LOW VOLTAGE
—	OPTIONAL HIGH-VOLTAGE
—	OPTIONAL LOW VOLTAGE

**FIELD WIRING**

—	HIGH VOLTAGE
—	LOW VOLTAGE

**COMPONENT LEGEND**

LS	LOW PRESSURE SWITCH
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
PB	POWER DISTRIBUTION BLOCK
PLM	PLUG
PLM	MALE FLAG CONNECTOR
PS	PRESSURE SWITCH
RC	RUN CAPACITOR
TR	TRANSFORMER
VNT	VENT MOTOR CONTACTOR
VMC	VENT MOTOR CONTACTOR

**NOTES:**

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. AT LEAST 105°C. USE COPPER CONDUCTORS ONLY. USE A.E.C. CLASS 2 WIRE FOR ALL LOW VOLTAGE FIELD CONNECTIONS.
- IF OPTIONAL ECONOMIZER IS INSTALLED REMOVE ECON PLM JUMPER AND PLUG IN NEUTRAL FROM ECON COMPONENT.
- IF OPTIONAL ECONOMIZER IS INSTALLED REMOVE ECON PLM JUMPER AND PLUG IN SUPPLY POWER. MOVE ORANGE WIRE FROM Z46406759 TAP TO THE 208V TAP.
- FLUSE BLOCKS 1, 2, & 3 ARE OPTIONAL.
- IF OPTIONAL SAFETY EQUIPMENT (SMOKE MONITOR, F-GAS SWITCH OR SMOKE DETECTOR) IS INSTALLED, UNPLUG JUMPER PLUG AND PLUG IN ADDITIONAL WIRE(S) IN SERIES. PLUG IN JUMPER PLUG AT THE LAST SAFETY DEVICE INSTALLED.
- GRAY WIRE IS A 24 VAC ALARM OUTPUT FROM OPTIONAL ECONOMIZER CONTROL MODULE.
- W2 AND Y2 SIGNALS ARE FACTORY WIRE TO BLOWER SPEED TAP T3 ON TB1. W2 AND Y2 SIGNALS ARE NOT FACTORY WIRE TO BLOWER SPEED TAP T3 ON TB1. DETAIL ON BLOWER SPEED TAPS.



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.



**FOR DP16GM24-42\*\*\*41\*\***

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

**FOR THE DP16GM60\*\*\*41AA UNITS**

ITEM #	DESCRIPTION
14CURB3672	14" Roof Curb
D25FD3672	25% Manual Fresh Air Damper
D25MFD3672	25% Motorized Fresh Air Damper
CDK4872	Concentric Duct Kit
DDNECNJ3672B	Low-leak Downflow Economizer
DDNECNJ3672NR	Downflow Economizer w/o Barometric Relief
DDNSQRD487218	Downflow Square-to-Round Adapter (18" Round)
DHZECN3672	Horizontal Economizer
DBRD3672	Barometric Relief Damper
FSK01A	Freeze Stat Kit
GHRC-1	Hurricane Restraint Clips
HA-02	High Altitude Kit
HAILGD04D	Hail Guard Kit
LAKT01	Low-Ambient Kit
LPM-06	LP Conversion Kit
220-GX-01	Flue Extension Kit

**FOR DP16GM60\*\*\*41B\* UNITS**

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





