

COOLING CAPACITY: 28,600 - 34,200 BTU/H
HEATING CAPACITY: 80,000 BTU/H

PACKAGED GAS/ELECTRIC
ULTRA-LOW NO_x
16 SEER / 81% AFUE
2½ AND 3 TONS



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Standard Features

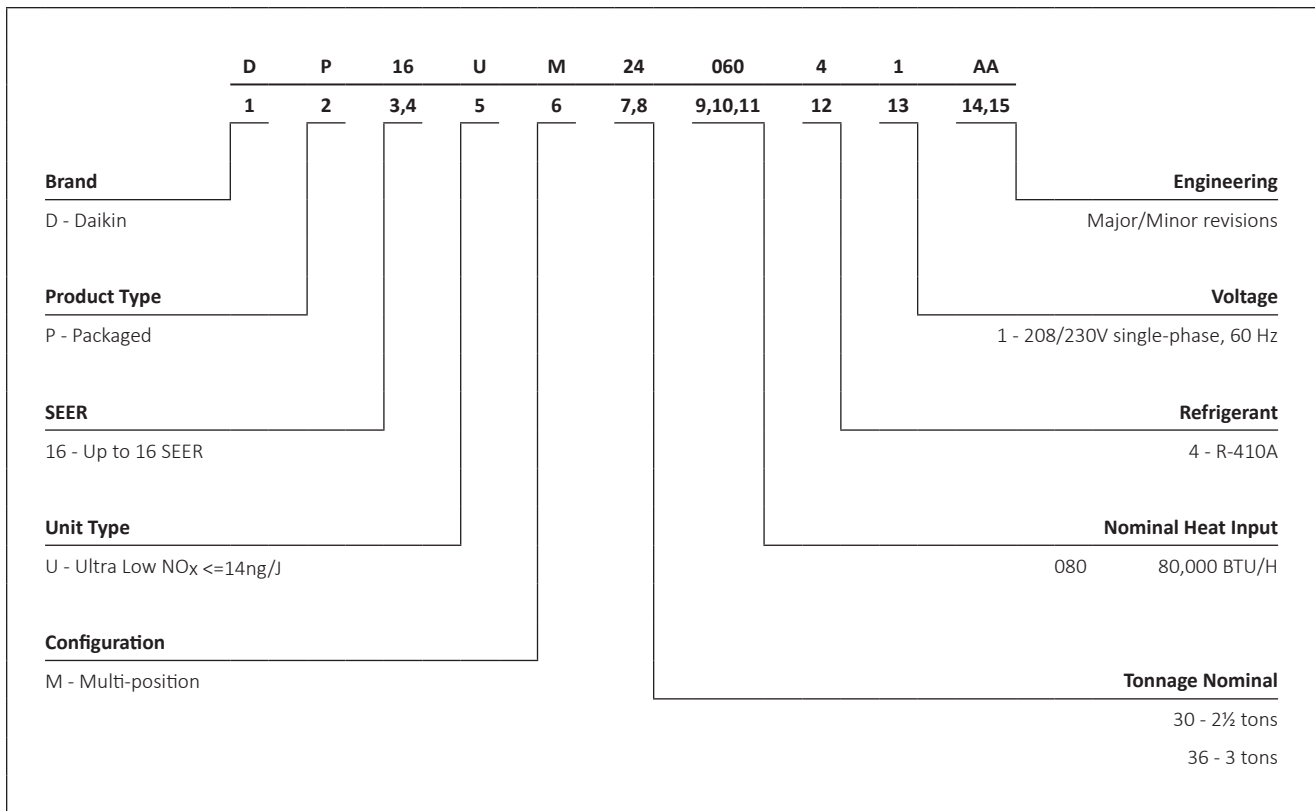
- Heavy-duty stainless-steel heat exchanger
- High-efficiency two-stage scroll compressor with factory-installed sound blanket
- Multi-speed ECM indoor blower motor
- All-aluminum evaporator coil
- TXV expansion device
- Single-stage gas valve
- Power-assisted combustion
- All blower operation and all 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_x 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 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



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



	DP16UM 3008041A*	DP16UM 3608041A*
COOLING CAPACITY		
Total BTU/h	28,600	34,200
Sensible BTU/h	21,800	27,400
SEER / EER	15.5 / 12.0	16.0 / 12.0
Decibels	76	76
AHRI Reference #s	207252545	207252544
HEATING CAPACITY		
Input BTU/h	80,000	80,000
Output BTU/h	64,000	64,000
AFUE	81	81
Temperature Rise Range (°F)	35 - 65	35 - 65
No. of Burners	1	1
Orifice Size	#17	#17
EVAPORATOR MOTOR		
Type	ECM	ECM
Wheel (D x W)	10" x 9"	11" x 10"
Indoor Nominal CFM	700 L / 950 H	825 L / 1180 H
Motor Speed Tap (Cooling)	Multi-speed ECM	Multi-speed ECM
Horsepower	½	½
EVAPORATOR COIL		
Face Area (ft²)	4.3	5.7
Rows Deep/Fins per Inch	¾ ₁₄	¾ ₁₄
Piston Size (Cooling)	TXV	TXV
Drain Size (NPT)	¾"	¾"
Refrigerant Charge (oz.)	70	158
CONDENSER FAN / COIL		
Horsepower - RPM	1/4 - 830	1/4 - 830
Diameter / # of Blades	22" / 3	22" / 3
Outdoor Nominal CFM	2,200	2,600
Face Area (ft²)	8.7	14.9
Rows Deep/Fins per Inch	1 / 27	1 / 16
COMPRESSOR		
Quantity / Type / Stage	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA/LRA	13.1 / 73.0	15.6 / 83.0
ELECTRICAL DATA		
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	1.3 / 3.0
Min. Circuit Ampacity ¹	22.0	27.6
Max. Overcurrent Protection ²	35 amps	40 amps
Entrance Size Power Supply	1⅝"	1⅝"
Entrance Size Control Voltage	⅞"	⅞"
OPERATING / SHIP WEIGHTS (LBS)	397 / 407	470 / 480
ENERGY STAR® CERTIFIED	NO	NO

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

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

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	29.7	30.7	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	27.6	28.6	31.3	-	26.2	27.2	29.8	-	24.3	25.2	27.6	-
	S/T	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-
	Δ T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
	kW	1.98	2.02	2.08	-	2.13	2.18	2.25	-	2.27	2.32	2.39	-	2.39	2.44	2.52	-	2.49	2.55	2.63	-	2.58	2.64	2.73	-
	Amps	8.5	8.7	9.0	-	9.1	9.3	9.6	-	9.8	10.0	10.3	-	10.4	10.7	11.0	-	11.0	11.3	11.6	-	11.6	11.9	12.2	-
	HI PR	238	257	271	-	268	288	304	-	304	327	346	-	347	373	394	-	390	420	443	-	431	464	490	-
	LO PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-
	MBh	28.8	29.9	32.7	-	28.1	29.2	31.9	-	27.5	28.5	31.2	-	26.8	27.8	30.4	-	25.5	26.4	28.9	-	23.6	24.4	26.8	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	Δ T	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
kW	1.96	2.00	2.07	-	2.11	2.16	2.23	-	2.25	2.30	2.37	-	2.37	2.42	2.50	-	2.47	2.53	2.61	-	2.56	2.62	2.70	-	
Amps	8.5	8.7	8.9	-	9.1	9.3	9.5	-	9.8	10.0	10.3	-	10.3	10.6	10.9	-	10.9	11.2	11.5	-	11.5	11.8	12.1	-	
HI PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	415	439	-	427	459	485	-	
LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-	
MBh	26.6	27.6	30.2	-	26.0	26.9	29.5	-	25.3	26.3	28.8	-	24.7	25.6	28.1	-	23.5	24.3	26.7	-	21.8	22.6	24.7	-	
S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-	
Δ T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-	
kW	1.91	1.95	2.02	-	2.06	2.11	2.17	-	2.19	2.24	2.31	-	2.31	2.36	2.44	-	2.41	2.46	2.54	-	2.49	2.55	2.63	-	
Amps	8.3	8.5	8.7	-	8.9	9.0	9.3	-	9.5	9.7	10.0	-	10.1	10.3	10.6	-	10.7	10.9	11.2	-	11.2	11.5	11.8	-	
HI PR	229	246	260	-	257	277	292	-	292	314	332	-	333	358	378	-	374	403	426	-	414	445	470	-	
LO PR	103	110	120	-	109	116	127	-	113	121	132	-	119	127	138	-	125	133	145	-	129	137	150	-	

75	MBh	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.8	29.6	32.1	34.4	28.1	28.9	31.3	33.6	26.7	27.4	29.7	31.9	24.7	25.4	27.5	29.5
	S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
	Δ T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
	kW	1.99	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	285	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	152	162	136	144	158	168
	MBh	29.3	30.2	32.6	35.0	28.6	29.5	31.9	34.2	27.9	28.8	31.1	33.4	27.2	28.1	30.4	32.6	25.9	26.6	28.8	31.0	24.0	24.7	26.7	28.7
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42
	Δ T	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12
kW	1.98	2.02	2.08	2.15	2.13	2.18	2.25	2.32	2.27	2.32	2.40	2.48	2.39	2.44	2.52	2.61	2.49	2.55	2.63	2.72	2.58	2.64	2.73	2.82	
Amps	8.5	8.7	9.0	9.3	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.6	12.0	11.6	11.9	12.2	12.7	
HI PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	
MBh	27.0	27.8	30.1	32.3	26.4	27.2	29.4	31.6	25.8	26.5	28.7	30.8	25.1	25.9	28.0	30.1	23.9	24.6	26.6	28.6	22.1	22.8	24.7	26.5	
S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	
Δ T	24	22	18	13	24	22	18	13	24	22	18	13	25	23	19	13	25	23	19	13	23	21	17	12	
kW	1.93	1.97	2.03	2.10	2.08	2.12	2.19	2.27	2.21	2.26	2.33	2.41	2.33	2.38	2.46	2.54	2.43	2.48	2.57	2.65	2.51	2.57	2.66	2.75	
Amps	8.4	8.5	8.8	9.0	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.3	11.7	11.3	11.6	11.9	12.3	
HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	399	378	407	430	448	418	450	475	495	
LO PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161	

IDB: Entering Indoor Dry Bulb Temperature
 High 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)

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	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	
80	1062	MBh	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	25.1	25.7	27.4	29.3	25.1	25.7	27.4	29.3	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	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63				
		Δ T	25	24	21	17	26	25	21	17	25	25	21	17	25	25	22	17	23	24	21	17	22	22	20	16	22	22	20	16	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	2.62	2.68	2.78	2.87	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	11.8	12.1	12.5	12.9	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	440	473	500	521	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	137	146	159	170	137	146	159	170					
	MBh	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	24.4	24.9	26.6	28.5	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	1.00	0.98	0.80	0.60	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	24	24	21	17	24	24	21	17					
830	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	2.60	2.66	2.75	2.85	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	11.7	12.0	12.3	12.8	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	435	468	495	516	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	136	144	158	168	136	144	158	168					
	MBh	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	22.5	23.0	24.6	26.3	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	1.01	0.95	0.77	0.58	1.01	0.95	0.77	0.58						
Δ T	27	26	22	18	27	26	22	18	27	26	23	18	27	26	23	18	26	25	22	18	25	24	21	17	25	24	21	17	25	24	21	17						

85	1062	MBh	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	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	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	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	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	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	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	139	147	161	171	
	MBh	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	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	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	24	25	25	21	
830	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	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	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	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	137	146	159	170	
	MBh	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	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	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	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	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	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	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	133	142	155	165		

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)

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	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	-
	S/T	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	-
	Δ T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	2.42	2.47	2.54	-	2.60	2.66	2.74	-	2.77	2.83	2.92	-	2.91	2.97	3.07	-	3.03	3.10	3.20	-	3.14	3.21	3.32	-
	Amps	11.1	11.4	11.7	-	11.9	12.1	12.4	-	12.7	13.0	13.3	-	13.4	13.7	14.1	-	14.2	14.5	14.9	-	14.9	15.2	15.6	-
	Hi/PR	224	241	254	-	251	270	285	-	286	307	325	-	325	350	370	-	366	394	416	-	404	435	460	-
	LO/PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	163	-
	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	-
	S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-
	Δ T	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-
kW	2.40	2.45	2.52	-	2.58	2.64	2.72	-	2.74	2.80	2.89	-	2.89	2.95	3.05	-	3.01	3.07	3.18	-	3.11	3.18	3.29	-	
Amps	11.1	11.3	11.6	-	11.8	12.0	12.3	-	12.6	12.9	13.2	-	13.3	13.6	14.0	-	14.1	14.3	14.8	-	14.8	15.1	15.5	-	
Hi/PR	222	238	252	-	249	268	283	-	283	304	321	-	322	347	366	-	362	390	412	-	400	431	455	-	
LO/PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-	
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	-	
S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	
Δ T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	
kW	2.34	2.39	2.46	-	2.52	2.57	2.65	-	2.68	2.73	2.82	-	2.81	2.88	2.97	-	2.93	3.00	3.10	-	3.03	3.10	3.20	-	
Amps	10.8	11.0	11.3	-	11.5	11.7	12.1	-	12.3	12.6	12.9	-	13.0	13.3	13.7	-	13.7	14.0	14.4	-	14.4	14.7	15.1	-	
Hi/PR	215	231	244	-	241	260	274	-	274	295	312	-	312	336	355	-	351	378	399	-	388	418	441	-	
LO/PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	

75	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
	S/T	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.71	0.45
	Δ T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	20	20	16	11
	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	3.10	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	14.2	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	373	390	370	398	420	438	409	440	464	484
	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	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	31.7	32.7	35.4	38.0	29.4	30.3	32.8	35.2
	S/T	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	0.99	0.89	0.67	0.43
	Δ T	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	12
kW	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	3.03	3.10	3.20	3.31	3.14	3.21	3.32	3.43	
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	13.4	13.7	14.1	14.6	14.2	14.5	14.9	15.4	14.9	15.2	15.6	16.2	
Hi/PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	404	435	460	479	
LO/PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	
MBh	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	29.3	30.2	32.6	35.0	27.1	27.9	30.2	32.5	
S/T	0.83	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	
Δ T	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	22	21	17	12	
kW	2.36	2.41	2.48	2.56	2.54	2.59	2.68	2.76	2.70	2.76	2.85	2.94	2.84	2.90	2.99	3.09	2.96	3.02	3.12	3.23	3.06	3.13	3.23	3.34	
Amps	10.9	11.1	11.4	11.7	11.6	11.8	12.2	12.5	12.4	12.7	13.0	13.4	13.1	13.4	13.8	14.2	13.8	14.1	14.5	15.0	14.5	14.8	15.3	15.8	
Hi/PR	217	234	247	257	244	262	277	289	277	298	315	328	316	340	359	374	355	382	404	421	392	422	446	465	
LO/PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168	

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)

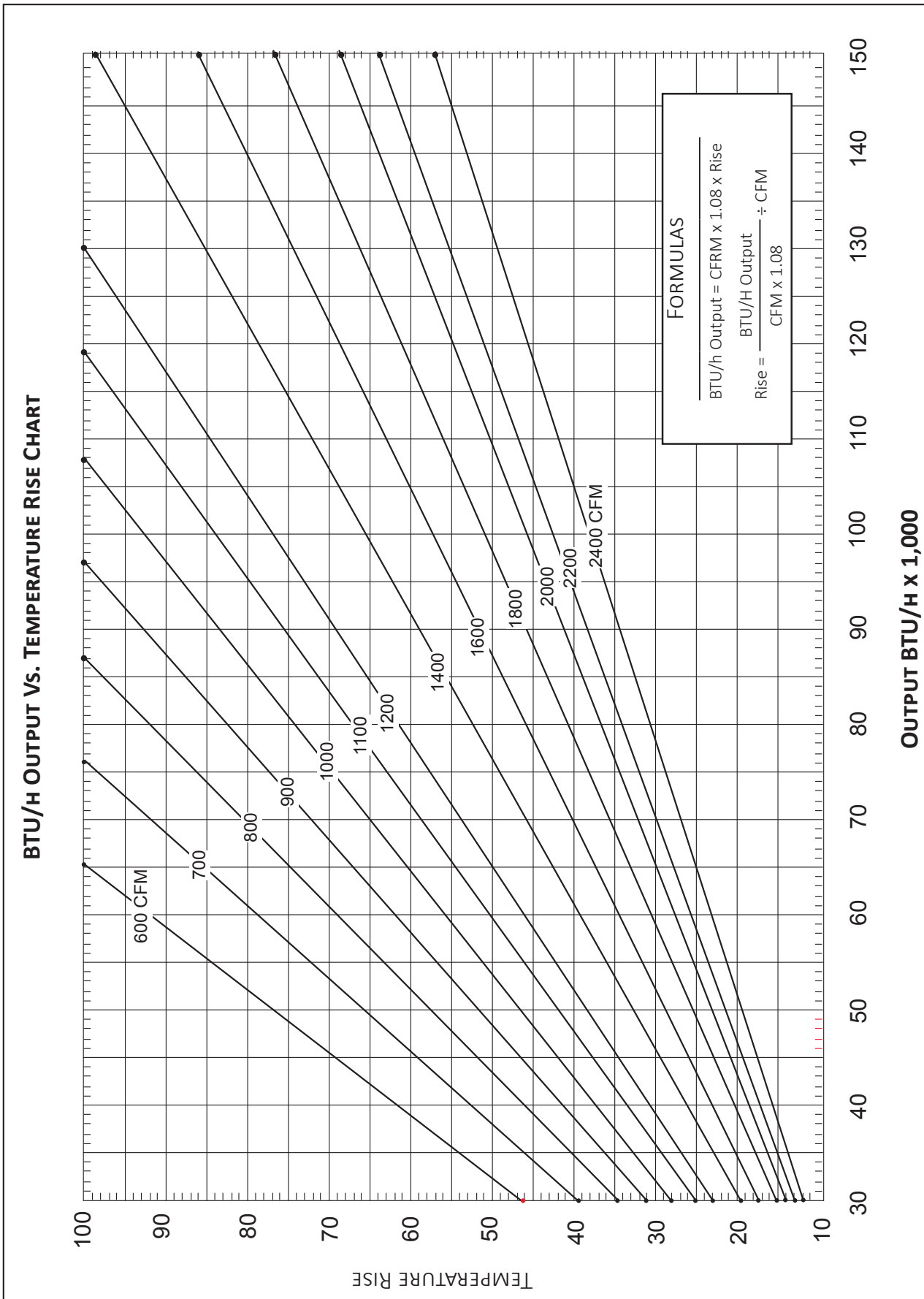
IDB	AIRFLOW	Outdoor Ambient Temperature												105°F												115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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80	1366	MBh	37.6	38.5	41.1	43.9	46.7	49.5	52.3	55.1	57.9	60.7	63.5	66.3	69.1	71.9	74.7	77.5	80.3	83.1	85.9	88.7	91.5	94.3	97.1	99.9	102.7	105.5	108.3	111.1	113.9	116.7	119.5	122.3	125.1	127.9	130.7	133.5	136.3	139.1	141.9	144.7	147.5	150.3	153.1	155.9	158.7	161.5	164.3	167.1	169.9	172.7	175.5	178.3	181.1	183.9	186.7	189.5	192.3	195.1	197.9	200.7	203.5	206.3	209.1	211.9	214.7	217.5	220.3	223.1	225.9	228.7	231.5	234.3	237.1	239.9	242.7	245.5	248.3	251.1	253.9	256.7	259.5	262.3	265.1	267.9	270.7	273.5	276.3	279.1	281.9	284.7	287.5	290.3	293.1	295.9	298.7	301.5	304.3	307.1	309.9	312.7	315.5	318.3	321.1	323.9	326.7	329.5	332.3	335.1	337.9	340.7	343.5	346.3	349.1	351.9	354.7	357.5	360.3	363.1	365.9	368.7	371.5	374.3	377.1	379.9	382.7	385.5	388.3	391.1	393.9	396.7	399.5	402.3	405.1	407.9	410.7	413.5	416.3	419.1	421.9	424.7	427.5	430.3	433.1	435.9	438.7	441.5	444.3	447.1	449.9	452.7	455.5	458.3	461.1	463.9	466.7	469.5	472.3	475.1	477.9	480.7	483.5	486.3	489.1	491.9	494.7	497.5	500.3	503.1	505.9	508.7	511.5	514.3	517.1	519.9	522.7	525.5	528.3	531.1	533.9	536.7	539.5	542.3	545.1	547.9	550.7	553.5	556.3	559.1	561.9	564.7	567.5	570.3	573.1	575.9	578.7	581.5	584.3	587.1	589.9	592.7	595.5	598.3	601.1	603.9	606.7	609.5	612.3	615.1	617.9	620.7	623.5	626.3	629.1	631.9	634.7	637.5	640.3	643.1	645.9	648.7	651.5	654.3	657.1	659.9	662.7	665.5	668.3	671.1	673.9	676.7	679.5	682.3	685.1	687.9	690.7	693.5	696.3	699.1	701.9	704.7	707.5	710.3	713.1	715.9	718.7	721.5	724.3	727.1	729.9	732.7	735.5	738.3	741.1	743.9	746.7	749.5	752.3	755.1	757.9	760.7	763.5	766.3	769.1	771.9	774.7	777.5	780.3	783.1	785.9	788.7	791.5	794.3	797.1	799.9	802.7	805.5	808.3	811.1	813.9	816.7	819.5	822.3	825.1	827.9	830.7	833.5	836.3	839.1	841.9	844.7	847.5	850.3	853.1	855.9	858.7	861.5	864.3	867.1	869.9	872.7	875.5	878.3	881.1	883.9	886.7	889.5	892.3	895.1	897.9	900.7	903.5	906.3	909.1	911.9	914.7	917.5	920.3	923.1	925.9	928.7	931.5	934.3	937.1	939.9	942.7	945.5	948.3	951.1	953.9	956.7	959.5	962.3	965.1	967.9	970.7	973.5	976.3	979.1	981.9	984.7	987.5	990.3	993.1	995.9	998.7	1001.5	1004.3	1007.1	1009.9	1012.7	1015.5	1018.3	1021.1	1023.9	1026.7	1029.5	1032.3	1035.1	1037.9	1040.7	1043.5	1046.3	1049.1	1051.9	1054.7	1057.5	1060.3	1063.1	1065.9	1068.7	1071.5	1074.3	1077.1	1079.9	1082.7	1085.5	1088.3	1091.1	1093.9	1096.7	1099.5	1102.3	1105.1	1107.9	1110.7	1113.5	1116.3	1119.1	1121.9	1124.7	1127.5	1130.3	1133.1	1135.9	1138.7	1141.5	1144.3	1147.1	1149.9	1152.7	1155.5	1158.3	1161.1	1163.9	1166.7	1169.5	1172.3	1175.1	1177.9	1180.7	1183.5	1186.3	1189.1	1191.9	1194.7	1197.5	1200.3	1203.1	1205.9	1208.7	1211.5	1214.3	1217.1	1219.9	1222.7	1225.5	1228.3	1231.1	1233.9	1236.7	1239.5	1242.3	1245.1	1247.9	1250.7	1253.5	1256.3	1259.1	1261.9	1264.7	1267.5	1270.3	1273.1	1275.9	1278.7	1281.5	1284.3	1287.1	1289.9	1292.7	1295.5	1298.3	1301.1	1303.9	1306.7	1309.5	1312.3	1315.1	1317.9	1320.7	1323.5	1326.3	1329.1	1331.9	1334.7	1337.5	1340.3	1343.1	1345.9	1348.7	1351.5	1354.3	1357.1	1359.9	1362.7	1365.5	1368.3	1371.1	1373.9	1376.7	1379.5	1382.3	1385.1	1387.9	1390.7	1393.5	1396.3	1399.1	1401.9	1404.7	1407.5	1410.3	1413.1	1415.9	1418.7	1421.5	1424.3	1427.1	1429.9	1432.7	1435.5	1438.3	1441.1	1443.9	1446.7	1449.5	1452.3	1455.1	1457.9	1460.7	1463.5	1466.3	1469.1	1471.9	1474.7	1477.5	1480.3	1483.1	1485.9	1488.7	1491.5	1494.3	1497.1	1499.9	1502.7	1505.5	1508.3	1511.1	1513.9	1516.7	1519.5	1522.3	1525.1	1527.9	1530.7	1533.5	1536.3	1539.1	1541.9	1544.7	1547.5	1550.3	1553.1	1555.9	1558.7	1561.5	1564.3	1567.1	1569.9	1572.7	1575.5	1578.3	1581.1	1583.9	1586.7	1589.5	1592.3	1595.1	1597.9	1600.7	1603.5	1606.3	1609.1	1611.9	1614.7	1617.5	1620.3	1623.1	1625.9	1628.7	1631.5	1634.3	1637.1	1639.9	1642.7	1645.5	1648.3	1651.1	1653.9	1656.7	1659.5	1662.3	1665.1	1667.9	1670.7	1673.5	1676.3	1679.1	1681.9	1684.7	1687.5	1690.3	1693.1	1695.9	1698.7	1701.5	1704.3	1707.1	1709.9	1712.7	1715.5	1718.3	1721.1	1723.9	1726.7	1729.5	1732.3	1735.1	1737.9	1740.7	1743.5	1746.3	1749.1	1751.9	1754.7	1757.5	1760.3	1763.1	1765.9	1768.7	1771.5	1774.3	1777.1	1779.9	1782.7	1785.5	1788.3	1791.1	1793.9	1796.7	1799.5	1802.3	1805.1	1807.9	1810.7	1813.5	1816.3	1819.1	1821.9	1824.7	1827.5	1830.3	1833.1	1835.9	1838.7	1841.5	1844.3	1847.1	1849.9	1852.7	1855.5	1858.3	1861.1	1863.9	1866.7	1869.5	1872.3	1875.1	1877.9	1880.7	1883.5	1886.3	1889.1	1891.9	1894.7	1897.5	1900.3	1903.1	1905.9	1908.7	1911.5	1914.3	1917.1	1919.9	1922.7	1925.5	1928.3	1931.1	1933.9	1936.7	1939.5	1942.3	1945.1	1947.9	1950.7	1953.5	1956.3	1959.1	1961.9	1964.7	1967.5	1970.3	1973.1	1975.9	1978.7	1981.5	1984.3	1987.1	1989.9	1992.7	1995.5	1998.3	2001.1	2003.9	2006.7	2009.5	2012.3	2015.1	2017.9	2020.7	2023.5	2026.3	2029.1	2031.9	2034.7	2037.5	2040.3	2043.1	2045.9	2048.7	2051.5	2054.3	2057.1	2059.9	2062.7	2065.5	2068.3	2071.1	2073.9	2076.7	2079.5	2082.3	2085.1	2087.9	2090.7	2093.5	2096.3	2099.1	2101.9	2104.7	2107.5	2110.3	2113.1	2115.9	2118.7	2121.5	2124.3	2127.1	2129.9	2132.7	2135.5	2138.3	2141.1	2143.9	2146.7	2149.5	2152.3	2155.1	2157.9	2160.7	2163.5	2166.3	2169.1	2171.9	2174.7	2177.5	2180.3	2183.1	2185.9	2188.7	2191.5	2194.3	2197.1	2199.9	2202.7	2205.5	2208.3	2211.1	2213.9	2216.7	2219.5	2222.3	2225.1	2227.9	2230.7	2233.5	2236.3	2239.1	2241.9	2244.7	2247.5	2250.3	2253.1	2255.9	2258.7	2261.5	2264.3	2267.1	2269.9	2272.7	2275.5	2278.3	2281.1	2283.9	2286.7	2289.5	2292.3	2295.1	2297.9	2300.7	2303.5	2306.3	2309.1	2311.9	2314.7	2317.5	2320.3	2323.1	2325.9	2328.7	2331.5	2334.3	2337.1	2339.9	2342.7	2345.5	2348.3	2351.1	2353.9	2356.7	2359.5	2362.3	2365.1	2367.9	2370.7	2373.5	2376.3	2379.1	2381.9	2384.7	2387.5	2390.3	2393.1	2395.9	2398.7	2401.5	2404.3	2407.1	2409.9	2412.7	2415.5	2418.3	2421.1	2423.9	2426.7	2429.5	2432.3	2435.1	2437.9	2440.7	2443.5	2446.3	2449.1	2451.9	2454.7	2457.5	2460.3	2463.1	2465.9	2468.7	2471.5	2474.3	2477.1	2479.9	2482.7	2485.5	2488.3	2491.1	2493.9	2496.7	2499.5	2502.3	2505.1	2507.9	2510.7	2513.5	2516.3	2519.1	2521.9	2524.7	2527.5	2530.3	2533.1	2535.9	2538.7	2541.5	2544.3	2547.1	2549.9	2552.7	2555.5	2558.3	2561.1	2563.9	2566.7	2569.5	2572.3	2575.1	2577.9	2580.7	2583.5	2586.3	2589.1	2591.9	2594.7	2597.5	2600.3	2603.1	2605.9	2608.7	2611.5	2614.3	2617.1	2619.9	2622.7	2625.5	2628.3	2631.1	2633.9	2636.7	2639.5	2642.3	2645.1	2647.9	2650.7	2653.5	2656.3	2659.1	2661.9	2664.7	2667.5	2670.3	2673.1	2675.9	2678.7	2681.5	2684.3	2687.1	2689.9	2692.7	2695.5	2698.3	2701.1	2703.9	2706.7	2709.5	2712.3	2715.1	2717.9	2720.7	2723.5	2726.3	2729.1	2731.9	2734.7	2737.5	2740.3	2743.1	2745.9	2748.7	2751.5	2754.3	2757.1	2759.9	2762.7	2765.5	2768.3	2771.1	2773.9	2776.7	2779.5	2782.3	2785.1	2787.9	2790.7	2793.5	2796.3	2799.1	2801.9	2804.7	2807.5	2810.3	2813.1	2815.9	2818.7	2821.5	2824.3	2827.1	2829.9	2832.7	2835.5	2838.3	2841.1	2843.9	2846.7	2849.5	2852.3	2855.1	2857.9	2860.7	2863.5	2866.3	2869.1	2871.9	2874.7	2877.5	2880.3	2883.1	2885.9	2888.7	2891.5	2894.3	2897.1	2899.9	2902.7	2905.5	2908.3	2911.1	2913.9	2916.7	2919.5	2922.3	2925.1	2927.9	2930.7	2933.5	2936.3	2939.1	2941.9	2944.7	2947.5	2950.3	2953.1	2955.9	2958.7	2961.5	2964.3	2967.1	2969.9	2972.7	2975.5	2978.3	2981.1	2983.9	2986.7	2989.5	2992.3	2995.1	2997.9	3000.7	3003.5	3006.3	3009.1	3011.9	3014.7	3017.5	3020.3	3023.1	3025.9	3028.7	3031.5	3034.3	3037.1	3039.9	3042.7	3045.5	3048.3	3051.1	3053.9	3056.7	3059.5	3062.3	3065.1	3067.9	3070.7	3073.5	3076.3	3079.1	3081.9	3084.7	3087.5	3090.3	3093.1	3095.9	3098.7	3101.5	3104.3	3107.1	3109.9	3112.7	3115.5	3118.3	3121.1	3123.9	3126.7	3129.5	3132.3	3135.1	3137.9

DP16UM3008041** - RISE RANGE: 30° - 60°

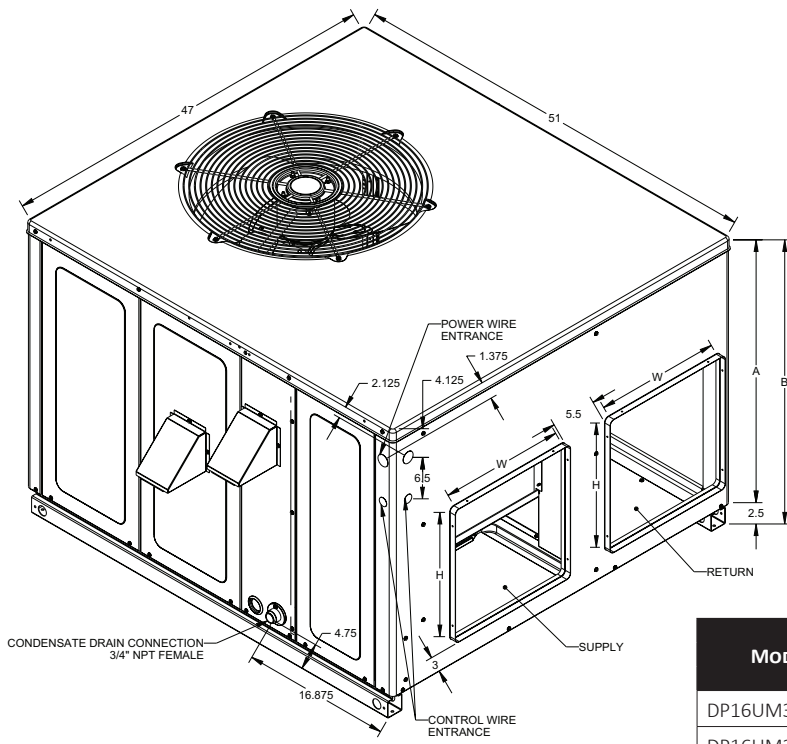
TAP	LOW COOL	HIGH COOL	HIGH HEAT	
			CFM	RISE
A-	545	810	985	51
A	605	900	1095	48
A+	665	990	1205	46
B-	605	900	1050	49
B	670	1000	1170	45
B+	735	1100	1285	42
C-	650	970	925	53
C	720	1075	1025	50
C+	795	1185	1130	47
D-	665	990	X	X
D	735	1100	X	X
D+	810	1210	X	X

DP16UM3608041** - RISE RANGE: 35° - 65°

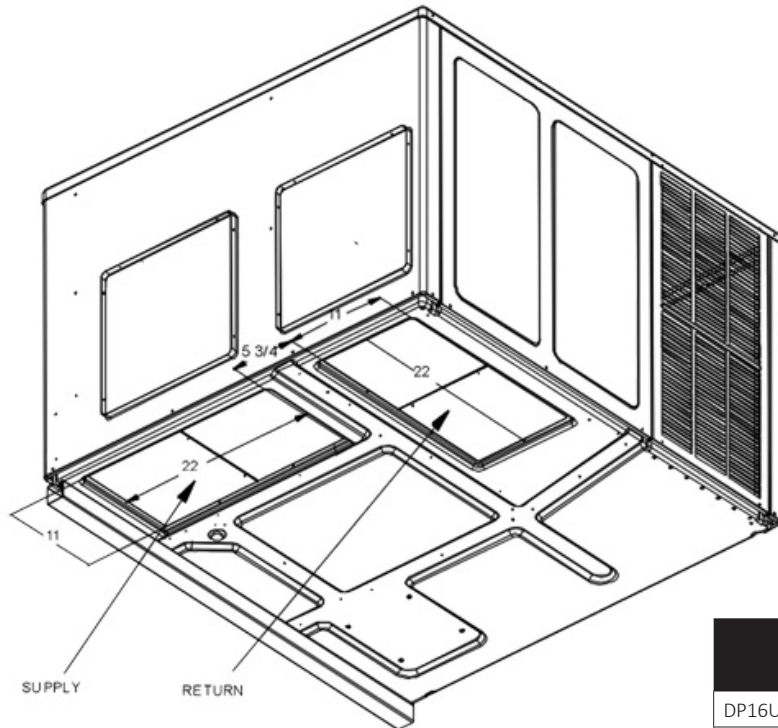
TAP	LOW COOL	HIGH COOL	HIGH HEAT	
			CFM	RISE
A-	680	1015	985	52
A	755	1125	1095	48
A+	830	1240	1205	44
B-	725	1080	925	52
B	805	1200	1025	50
B+	885	1320	1130	47
C-	755	1125	1050	49
C	840	1250	1170	46
C+	920	1375	1285	42
D-	800	1195	x	x
D	890	1325	x	x
D+	980	1460	x	x



DIMENSIONS — DP16UM30-36*41****



MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
	W	D	HEIGHT		
DP16UM30***41	47	51	32	34½	Medium
DP16UM36***41	47	51	40	42½	Large



MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
DP16UM30***41	16	16	16	16
DP16UM36***41	16	18	16	18

FOR DP16UM30-36***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	DHZECNJP GCHM	DHZECNJP GCHL
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