



DP14HM COMMERCIAL

Cooling Capacity: 34,400 - 58,000 BTU/h
Heating Capacity: 33,200 - 57,000 BTU/h

3 - 5 TON THREE-PHASE
PACKAGED HEAT PUMPS
14 SEER

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■ Standard Features

- Energy-efficient compressor with internal relief valve
- Fully charged with R-410A chlorine-free refrigerant
- Multi-speed EEM blower motor
- Convertible airflow: horizontal or downflow
- Copper tube / aluminum fin condenser coil
- All-aluminum evaporator coils
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kit available as a field-installed accessory
- AHRI Certified; ETL Listed
- Two-stage cooling on 5-ton units

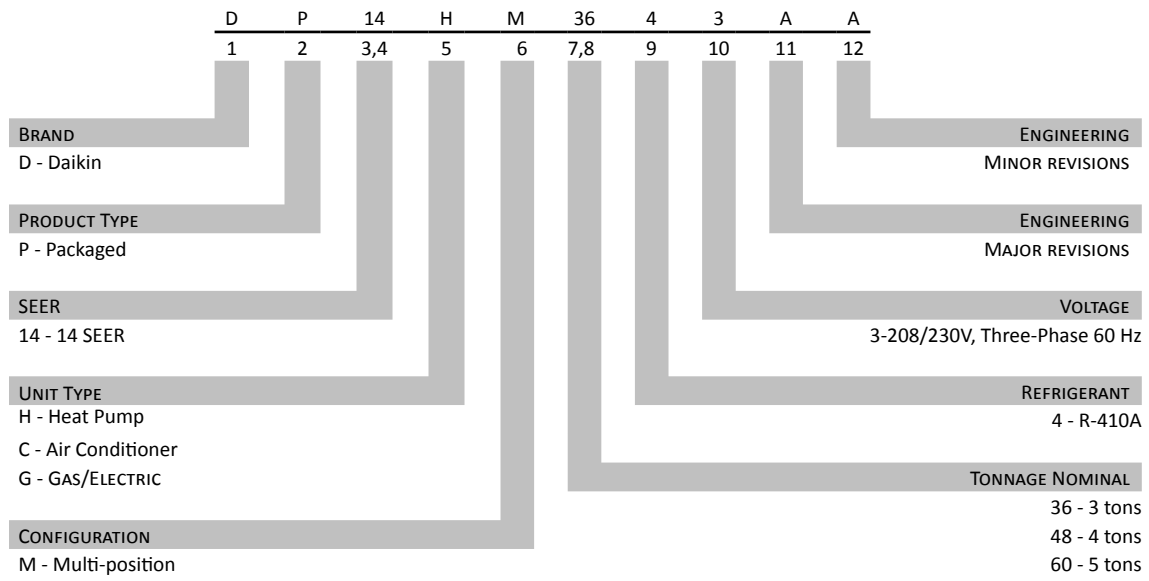
■ Cabinet Features

- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; two heights



* Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com.

NOMENCLATURE



	DP14HM 3643A*	DP14HM 4843A*	DP14HM 6043A*
COOLING CAPACITY			
Total BTU/h	34,400	48,000	58,000
Sensible BTU/h	26,200	36,400	42,500
SEER / EER	14/11	14/11	14/11
Decibels	81	79	80
AHRI #s	9956304	9956305	9956306
HEATING CAPACITY			
BUT/h (47°F)	33,200	45,500	57,000
C.O.P (47°F)	3.6	3.6	3.5
BUT/h (17°F)	19,000	26,600	31,400
C.O.P (17°F)	2.2	2.2	2.2
HSPF	8.0	8.0	8.0
EVAPORATOR MOTOR			
Type	EEM	EEM	EEM
Wheel (DxW)	10 x 9	10 x 9	10 x 9
Nominal Cooling CFM	1,200	1,600	1,850
FLA/LRA	3.8 / --	5.4 / --	7.0 / --
No. of Speeds	5	5	5
Horsepower - RPM	½ - 1,050	¾ - 1,050	1 - 1,050
EVAPORATOR COIL			
Face Area (ft ²)	4.55	6.20	6.20
Rows Deep/ Fin per Inch	4 / 14	4 / 14	4 / 14
Drain Size (NPT)	¾"	¾"	¾"
Refrigerant Charge (oz.)	115	153	180
CONDENSER FAN / COIL			
Horsepower - RPM	¼ - 830	¼ - 1,075	⅓ - 1,075
FLA/ LRA	1.4 / 3.0	1.4 / 2.9	2.0 / 3.0
Fan Diameter / # Fan Blades	22 / 4	22 / 3	22 / 3
Face Area (ft ²)	12.21	15.30	21.32
Rows Deep/ Fin per Inch	2 / 16	2 / 16	2 / 16
COMPRESSOR			
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	2 Stage
Compressor RLA/ LRA	10.4 / 73	13.7 / 83.1	16.5/ 110
ELECTRICAL DATA			
Voltage/ Phase/ Frequency	208-230/3/60	208-230/3/60	208-230/3/60
Total Unit Amps	15.6	20.5	25.5
Min. Circuit Ampacity ¹	18.2	23.9	29.6
Max. Overcurrent Protection ²	25 amps	35 amps	45 amps
SHIPPING WEIGHT (LBS)	400	475	495

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.

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

IDB	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	AIRFLOW	MBh	33.7	34.9	38.3	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.4	32.5	35.6	-	29.8	30.9	33.8	-	27.6	28.6	31.3	-	
		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	-	
	1350	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
		kW	2.35	2.40	2.47	-	2.53	2.58	2.67	-	2.69	2.75	2.84	-	2.83	2.89	2.99	-	2.95	3.02	3.12	-	3.05	3.12	3.23	-	
	Amps	HI PR	10.4	10.6	10.9	-	11.1	11.3	11.6	-	11.9	12.2	12.5	-	12.6	12.9	13.2	-	13.3	13.6	14.0	-	14.0	14.3	14.7	-	
		LO PR	242	260	275	-	271	292	308	-	309	332	351	-	351	378	399	-	395	426	449	-	437	470	496	-	
	Amps	HI PR	111	118	129	-	118	125	137	-	122	130	142	-	128	137	149	-	135	143	156	-	139	148	162	-	
		LO PR	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-	
	1050	AIRFLOW	MBh	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
			ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
1200		kW	2.33	2.38	2.46	-	2.51	2.56	2.65	-	2.67	2.73	2.82	-	2.81	2.87	2.96	-	2.93	2.99	3.09	-	3.03	3.10	3.20	-	
		Amps	10.3	10.5	10.8	-	11.0	11.2	11.5	-	11.8	12.1	12.4	-	12.5	12.8	13.1	-	13.2	13.5	13.9	-	13.9	14.2	14.6	-	
Amps		HI PR	239	258	272	-	269	289	305	-	306	329	347	-	348	375	395	-	392	421	445	-	433	466	492	-	
		LO PR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-	
Amps		HI PR	30.2	31.3	34.3	-	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.1	31.9	-	26.7	27.7	30.3	-	24.7	25.6	28.1	-	
		LO PR	0.70	0.58	0.41	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.47	-	
75		AIRFLOW	MBh	0.87	0.77	0.59	0.4	0.90	0.80	0.61	0.4	0.92	0.82	0.62	0.4	0.95	0.85	0.64	0.4	0.99	0.88	0.67	0.4	0.99	0.89	0.67	0.4
			ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	9.9
	1350	kW	2.37	2.42	2.50	2.6	2.55	2.61	2.69	2.8	2.71	2.77	2.86	3.0	2.86	2.92	3.01	3.1	2.98	3.04	3.14	3.3	3.08	3.15	3.26	3.4	
		Amps	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.1	12.0	12.2	12.6	13.0	12.7	13.0	13.4	13.8	13.4	13.7	14.1	14.6	14.1	14.4	14.8	15.4	
	Amps	HI PR	244	263	278	289.5	274	295	311	324.9	312	335	354	369.5	355	382	403	420.8	399	430	454	473.4	441	475	502	523.1	
		LO PR	112	120	131	139.0	119	126	138	146.9	123	131	143	152.7	130	138	151	160.4	136	145	158	168.1	141	150	163	173.8	
	Amps	HI PR	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6	
		LO PR	0.83	0.74	0.56	0.4	0.86	0.77	0.58	0.4	0.88	0.78	0.59	0.4	0.91	0.81	0.61	0.4	0.94	0.84	0.64	0.4	0.95	0.85	0.64	0.4	
	Amps	HI PR	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10.3	
		LO PR	2.35	2.40	2.48	2.6	2.53	2.59	2.67	2.8	2.69	2.75	2.84	2.9	2.83	2.89	2.99	3.1	2.95	3.02	3.12	3.2	3.05	3.12	3.23	3.3	
Amps	HI PR	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.9	12.2	12.5	12.9	12.6	12.9	13.2	13.7	13.3	13.6	14.0	14.5	14.0	14.3	14.7	15.2		
	LO PR	242	260	275	286.7	271	292	308	321.7	309	332	351	365.8	352	378	399	416.7	396	426	449	468.8	437	470	497	517.9		
Amps	HI PR	111	118	129	137.7	118	125	137	145.4	122	130	142	151.2	128	137	149	158.8	135	143	156	166.4	139	148	162	172.1		
	LO PR	30.7	31.6	34.2	36.7	30.0	30.9	33.4	35.9	29.3	30.2	32.6	35.0	28.6	29.4	31.8	34.2	27.1	28.0	30.3	32.5	25.1	25.9	28.0	30.1		
Amps	HI PR	0.80	0.71	0.54	0.3	0.83	0.74	0.56	0.4	0.85	0.76	0.57	0.4	0.87	0.78	0.59	0.4	0.91	0.81	0.61	0.4	0.91	0.82	0.62	0.4		
	LO PR	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10.5		
Amps	HI PR	2.29	2.34	2.42	2.5	2.47	2.52	2.60	2.7	2.62	2.68	2.77	2.9	2.76	2.82	2.91	3.0	2.88	2.94	3.04	3.1	2.98	3.04	3.15	3.3		
	LO PR	10.2	10.4	10.6	11.0	10.8	11.1	11.4	11.7	11.6	11.9	12.2	12.6	12.3	12.6	12.9	13.3	13.0	13.3	13.6	14.1	13.7	14.0	14.4	14.8		
Amps	HI PR	235	252	267	278.1	263	283	299	312.0	299	322	340	354.9	341	367	388	404.2	384	413	436	454.7	424	456	482	502.4		
	LO PR	108	115	125	133.5	114	121	132	141.1	119	126	138	146.6	125	132	145	154.0	130	139	152	161.4	135	144	157	167.0		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings
 Shaded area reflects ACCA (TVA) conditions
 Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)
 kW = Total system power

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	
80	1350	MBh	34.9	35.7	38.1	40.7	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.4	37.9	30.8	31.5	33.7	36.0	28.6	29.2	31.2	33.3
		S/T	0.95	0.89	0.72	0.5	1.00	0.92	0.75	0.6	1.00	0.95	0.77	0.6	1.00	1.00	0.80	0.6	1.00	1.00	0.83	0.6	1.00	1.00	0.83	0.6
	ΔT	23	22	19	15	23	22	19	15	22	22	19	15	22	23	19	15	21	21	21	19	15	19	21	18	14.1
	kW	2.39	2.44	2.52	2.6	2.57	2.63	2.71	2.8	2.74	2.80	2.89	3.0	2.88	2.94	3.04	3.1	3.00	3.07	3.17	3.3	3.11	3.18	3.28	3.4	
	Amps	10.5	10.8	11.1	11.4	11.3	11.5	11.8	12.2	12.1	12.3	12.7	13.1	12.8	13.1	13.5	13.9	13.5	13.8	14.2	14.7	14.2	14.5	15.0	15.5	
	HI PR	247	266	280	292.5	277	298	315	328.2	315	339	358	373.2	359	386	408	425.1	403	434	459	478.2	446	480	507	528.4	
	LO PR	114	121	132	140.4	120	128	139	148.4	125	133	145	154.2	131	139	152	162.0	137	146	159	169.8	142	151	165	175.6	
	MBh	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4	
	S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.5	0.96	0.90	0.73	0.5	0.99	0.93	0.76	0.6	1.00	0.97	0.79	0.6	1.00	0.98	0.79	0.6	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	14.7	
kW	2.37	2.42	2.50	2.6	2.55	2.61	2.69	2.8	2.71	2.77	2.86	3.0	2.86	2.92	3.02	3.1	2.98	3.04	3.14	3.3	3.08	3.15	3.26	3.4		
Amps	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.1	12.0	12.2	12.6	13.0	12.7	13.0	13.4	13.8	13.4	13.7	14.1	14.6	14.1	14.4	14.9	15.4		
HI PR	244	263	278	289.6	274	295	312	324.9	312	336	354	369.5	355	382	404	420.9	399	430	454	473.5	441	475	502	523.2		
LO PR	112	120	131	139.1	119	126	138	146.9	123	131	143	152.7	130	138	151	160.4	136	145	158	168.1	141	150	163	173.9		
MBh	31.3	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.8	30.5	32.5	34.8	29.1	29.7	31.8	33.9	27.6	28.2	30.2	32.2	25.6	26.2	27.9	29.9		
S/T	0.87	0.82	0.67	0.5	0.90	0.85	0.69	0.5	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.5	0.99	0.93	0.76	0.6	1.00	0.94	0.77	0.6		
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15.0		
kW	2.31	2.36	2.43	2.5	2.49	2.54	2.62	2.7	2.65	2.70	2.79	2.9	2.78	2.85	2.94	3.0	2.90	2.97	3.06	3.2	3.00	3.07	3.17	3.3		
Amps	10.2	10.4	10.7	11.1	10.9	11.1	11.5	11.8	11.7	12.0	12.3	12.7	12.4	12.7	13.0	13.5	13.1	13.4	13.8	14.2	13.8	14.1	14.5	15.0		
HI PR	237	255	269	280.9	266	286	302	315.2	302	325	344	358.5	344	371	391	408.3	388	417	440	459.3	428	461	487	507.5		
LO PR	109	116	127	134.9	115	123	134	142.5	120	127	139	148.1	126	134	146	155.6	132	140	153	163.0	136	145	158	168.6		
85	1350	MBh	35.5	36.2	37.9	40.4	34.7	35.3	37.0	39.5	33.8	34.5	36.1	38.6	33.0	33.7	35.3	37.6	31.4	32.0	33.5	35.7	29.1	29.6	31.0	33.1
		S/T	1.00	0.96	0.87	0.7	1.00	1.00	0.90	0.7	1.00	0.97	0.88	0.7	1.00	1.00	0.95	0.8	1.00	1.00	0.99	0.8	1.00	1.00	1.00	0.8
	ΔT	24	24	22	19	24	24	23	20	23	23	23	20	22	23	23	20	21	22	23	20	21	20	20	18.2	
	kW	2.41	2.46	2.54	2.6	2.59	2.65	2.73	2.8	2.76	2.82	2.91	3.0	2.90	2.97	3.07	3.2	3.03	3.09	3.20	3.3	3.13	3.20	3.31	3.4	
	Amps	10.6	10.8	11.1	11.5	11.4	11.6	11.9	12.3	12.2	12.4	12.8	13.2	12.9	13.2	13.6	14.0	13.6	13.9	14.3	14.8	14.3	14.7	15.1	15.6	
	HI PR	249	268	283	295.4	280	301	318	331.5	318	342	361	377.0	362	390	412	429.3	408	439	463	483.0	450	485	512	533.7	
	LO PR	115	122	133	141.9	121	129	141	149.9	126	134	146	155.8	132	141	154	163.6	139	147	161	171.5	143	153	167	177.4	
	MBh	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1	
	S/T	0.95	0.92	0.83	0.7	0.98	0.95	0.86	0.7	1.00	0.97	0.88	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.94	0.8	1.00	1.00	0.95	0.8	
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	23	20	22	22	22	19.0	
kW	2.39	2.44	2.52	2.6	2.57	2.63	2.71	2.8	2.74	2.80	2.89	3.0	2.88	2.94	3.04	3.1	3.00	3.07	3.17	3.3	3.11	3.18	3.28	3.4		
Amps	10.5	10.8	11.1	11.4	11.3	11.5	11.8	12.2	12.1	12.3	12.7	13.1	12.8	13.1	13.5	13.9	13.5	13.8	14.2	14.7	14.2	14.5	15.0	15.5		
HI PR	247	266	280	292.5	277	298	315	328.2	315	339	358	373.2	359	386	408	425.1	403	434	459	478.2	446	480	507	528.4		
LO PR	114	121	132	140.4	120	128	139	148.4	125	133	145	154.2	131	139	152	162.0	137	146	159	169.8	142	151	165	175.6		
MBh	31.8	32.4	34.0	36.2	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.5	29.6	30.2	31.6	33.7	28.1	28.7	30.0	32.0	26.0	26.5	27.8	29.7		
S/T	0.92	0.88	0.80	0.6	0.95	0.92	0.83	0.7	0.97	0.94	0.85	0.7	1.00	0.97	0.87	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.92	0.7		
ΔT	25	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19.3		
kW	2.33	2.38	2.45	2.5	2.51	2.56	2.65	2.7	2.67	2.73	2.81	2.9	2.81	2.87	2.96	3.1	2.93	2.99	3.09	3.2	3.03	3.10	3.20	3.3		
Amps	10.3	10.5	10.8	11.1	11.0	11.2	11.5	11.9	11.8	12.1	12.4	12.8	12.5	12.8	13.1	13.6	13.2	13.5	13.9	14.3	13.9	14.2	14.6	15.1		
HI PR	239	258	272	283.7	269	289	305	318.3	305	329	347	362.0	348	374	395	412.3	391	421	445	463.9	432	465	491	512.5		
LO PR	110	117	128	136.2	116	124	135	143.9	121	129	140	149.6	127	135	148	157.1	133	142	155	164.7	138	147	160	170.3		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings
 Shaded area reflects AHRI conditions
 Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)
 kW = Total system power

IDB	AIRFLOW	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	1800	MBh	47.0	48.8	53.4	-	45.9	47.6	52.2	-	44.8	46.5	50.9	-	43.8	45.4	49.7	-	41.6	43.1	47.2	-	38.5	39.9	43.7	-	
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	1600	kW	3.22	3.29	3.40	-	3.47	3.55	3.66	-	3.69	3.77	3.90	-	3.89	3.97	4.10	-	4.05	4.14	4.28	-	4.19	4.29	4.43	-	
		Amps	13.6	13.9	14.3	-	14.6	14.9	15.3	-	15.7	16.1	16.5	-	16.7	17.1	17.6	-	17.7	18.1	18.6	-	18.6	19.1	19.7	-	
		HI PR	250	269	284	-	280	301	318	-	318	343	362	-	363	390	412	-	408	439	464	-	451	485	512	-	
	1400	LO PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-	
		MBh	45.7	47.3	51.9	-	44.6	46.2	50.7	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	40.4	41.8	45.8	-	37.4	38.7	42.5	-	
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	
	75	1800	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
			kW	3.12	3.19	3.29	-	3.36	3.43	3.54	-	3.57	3.65	3.77	-	3.76	3.84	3.97	-	3.92	4.00	4.14	-	4.05	4.14	4.28	-
			Amps	13.2	13.5	13.8	-	14.1	14.4	14.8	-	15.2	15.5	16.0	-	16.1	16.5	17.0	-	17.1	17.5	18.0	-	18.0	18.4	19.0	-
1600		HI PR	240	258	272	-	269	289	306	-	306	329	348	-	348	375	396	-	392	422	445	-	433	466	492	-	
		LO PR	106	113	123	-	112	120	130	-	117	124	136	-	123	130	142	-	129	137	149	-	133	141	154	-	
		MBh	42.1	43.7	47.9	-	41.2	42.7	46.8	-	40.2	41.7	45.6	-	39.2	40.6	44.5	-	37.2	38.6	42.3	-	34.5	35.8	39.2	-	
1400		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
		kW	3.25	3.32	3.42	3.5	3.50	3.58	3.69	3.8	3.72	3.81	3.93	4.1	3.92	4.01	4.14	4.3	4.09	4.18	4.32	4.5	4.23	4.33	4.47	4.6	
75		1800	Amps	13.7	14.0	14.4	14.9	14.7	15.0	15.5	16.0	15.9	16.2	16.7	17.3	16.8	17.2	17.7	18.4	17.8	18.2	18.8	19.5	18.8	19.2	19.8	20.5
			HI PR	252	271	286	298.8	283	304	321	335.3	322	346	366	381.3	366	394	416	434.3	412	444	468	488.5	455	490	518	539.8
			LO PR	112	119	130	138.3	118	126	137	146.2	123	131	143	151.9	129	137	150	159.6	135	144	157	167.2	140	149	162	173.0
	1600	MBh	46.4	47.8	51.8	55.5	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	43.2	44.5	48.1	51.7	41.0	42.3	45.7	49.1	38.0	39.1	42.4	45.5	
		S/T	0.82	0.74	0.56	0.4	0.85	0.76	0.58	0.4	0.87	0.78	0.59	0.4	0.90	0.81	0.61	0.4	0.94	0.84	0.63	0.4	0.94	0.84	0.64	0.4	
		ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	12	21	19	16	10.7	
	1400	kW	3.22	3.29	3.40	3.5	3.47	3.55	3.66	3.8	3.69	3.77	3.90	4.0	3.89	3.97	4.11	4.2	4.05	4.14	4.28	4.4	4.20	4.29	4.43	4.6	
		Amps	13.6	13.9	14.3	14.8	14.6	14.9	15.3	15.9	15.7	16.1	16.6	17.1	16.7	17.1	17.6	18.2	17.7	18.1	18.6	19.3	18.6	19.1	19.7	20.4	
		HI PR	250	269	284	295.8	280	301	318	331.9	319	343	362	377.5	363	390	412	430.0	408	439	464	483.7	451	485	512	534.4	
	1400	LO PR	111	118	129	137.0	117	124	136	144.7	122	129	141	150.4	128	136	148	158.0	134	142	155	165.6	138	147	161	171.2	
		MBh	42.9	44.1	47.8	51.3	41.9	43.1	46.7	50.1	40.9	42.1	45.5	48.9	39.9	41.1	44.4	47.7	37.9	39.0	42.2	45.3	35.1	36.1	39.1	42.0	
		S/T	0.79	0.71	0.54	0.3	0.82	0.74	0.56	0.4	0.84	0.75	0.57	0.4	0.87	0.78	0.59	0.4	0.90	0.81	0.61	0.4	0.91	0.81	0.62	0.4	
1400	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	10.9		
	kW	3.15	3.21	3.31	3.4	3.39	3.46	3.57	3.7	3.60	3.68	3.80	3.9	3.79	3.87	4.00	4.1	3.95	4.04	4.17	4.3	4.09	4.18	4.32	4.5		
	Amps	13.3	13.6	14.0	14.4	14.2	14.5	15.0	15.5	15.3	15.7	16.1	16.7	16.3	16.6	17.1	17.7	17.2	17.6	18.2	18.8	18.2	18.6	19.2	19.8		
1400	HI PR	242	261	275	286.9	272	292	309	322.0	309	332	351	366.2	352	379	400	417.1	396	426	450	469.2	437	471	497	518.4		
	LO PR	107	114	125	132.9	113	121	132	140.4	118	125	137	145.9	124	132	144	153.2	130	138	151	160.6	134	143	156	166.1		

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 Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)
 kW = Total system power

IDB	AIRFLOW	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	2080	MBh	56.8	58.9	64.5	-	55.5	57.5	63.0	-	54.2	56.2	61.5	-	52.9	54.8	60.0	-	50.2	52.1	57.0	-	46.5	48.2	52.8	-
		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	0.69	0.48	-	0.84	0.70	0.49	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	4.07	4.16	4.29	-	4.39	4.49	4.64	-	4.68	4.78	4.94	-	4.93	5.04	5.21	-	5.15	5.26	5.44	-	5.33	5.45	5.64	-
	1850	Amps	6.2	6.6	7.2	-	7.6	8.0	8.6	-	9.1	9.6	10.2	-	10.4	10.9	11.6	-	11.7	12.3	13.0	-	13.1	13.6	14.4	-
		HI PR	258	277	293	-	289	311	329	-	329	354	374	-	375	403	426	-	421	453	479	-	466	501	529	-
		LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-
		MBh	55.2	57.2	62.7	-	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-
	1620	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
		kW	4.04	4.12	4.26	-	4.36	4.45	4.60	-	4.64	4.74	4.90	-	4.89	5.00	5.17	-	5.10	5.22	5.40	-	5.28	5.41	5.59	-
		Amps	6.1	6.5	7.0	-	7.4	7.8	8.4	-	8.9	9.4	10.0	-	10.2	10.7	11.4	-	11.5	12.1	12.8	-	12.8	13.4	14.2	-
1620	HI PR	255	275	290	-	286	308	325	-	326	350	370	-	371	399	421	-	417	449	474	-	461	496	524	-	
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	
	MBh	50.9	52.8	57.8	-	49.7	51.6	56.5	-	48.6	50.3	55.1	-	47.4	49.1	53.8	-	45.0	46.7	51.1	-	41.7	43.2	47.3	-	
	S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	
75	2080	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	3.94	4.02	4.15	-	4.25	4.34	4.48	-	4.52	4.62	4.78	-	4.76	4.87	5.04	-	4.97	5.08	5.26	-	5.15	5.27	5.45	-
		Amps	5.7	6.0	6.6	-	6.9	7.3	7.9	-	8.4	8.9	9.5	-	9.7	10.2	10.8	-	10.9	11.5	12.2	-	12.2	12.8	13.5	-
		HI PR	247	266	281	-	278	299	316	-	316	340	359	-	360	387	409	-	405	435	460	-	447	481	508	-
	2080	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-
		MBh	57.8	59.5	64.4	69.1	56.5	58.1	62.9	67.5	55.1	56.7	61.4	65.9	53.8	55.4	59.9	64.3	51.1	52.6	56.9	61.1	47.3	48.7	52.7	56.6
		S/T	0.83	0.74	0.56	0.4	0.86	0.77	0.58	0.4	0.88	0.79	0.60	0.4	0.91	0.81	0.62	0.4	0.94	0.85	0.64	0.4	0.95	0.85	0.65	0.4
		ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	21	17	12	23	20	16	11	21	20	15	10.4
	1850	kW	4.10	4.19	4.33	4.5	4.43	4.53	4.68	4.8	4.72	4.83	4.99	5.2	4.97	5.09	5.26	5.4	5.19	5.31	5.49	5.7	5.38	5.50	5.69	5.9
		Amps	6.4	6.8	7.3	8.0	7.7	8.2	8.8	9.5	9.3	9.8	10.4	11.2	10.6	11.1	11.8	12.7	12.0	12.5	13.3	14.2	13.3	13.9	14.7	15.6
		HI PR	260	280	296	308.5	292	314	332	346.2	332	357	378	393.7	378	407	430	448.4	426	458	484	504.5	470	506	534	557.4
		LO PR	108	115	126	133.9	114	122	133	141.4	119	126	138	147.0	125	133	145	154.4	131	139	152	161.8	135	144	157	167.4
1620	MBh	56.1	57.8	62.5	67.1	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9	
	S/T	0.79	0.71	0.54	0.3	0.82	0.73	0.56	0.4	0.84	0.75	0.57	0.4	0.87	0.78	0.59	0.4	0.90	0.81	0.61	0.4	0.91	0.81	0.62	0.4	
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	10.8	
	kW	4.07	4.16	4.29	4.4	4.39	4.49	4.64	4.8	4.68	4.79	4.95	5.1	4.93	5.04	5.21	5.4	5.15	5.26	5.44	5.6	5.33	5.45	5.64	5.8	
1620	Amps	6.3	6.6	7.2	7.8	7.6	8.0	8.6	9.3	9.1	9.6	10.2	11.0	10.4	10.9	11.6	12.5	11.8	12.3	13.0	13.9	13.1	13.6	14.4	15.4	
	HI PR	258	277	293	305.5	289	311	329	342.8	329	354	374	389.8	375	403	426	444.0	421	454	479	499.5	466	501	529	551.9	
	LO PR	107	114	124	132.5	113	120	131	140.0	118	125	137	145.5	124	131	144	152.9	130	138	150	160.2	134	143	156	165.7	
	MBh	51.8	53.3	57.7	62.0	50.6	52.1	56.4	60.5	49.4	50.8	55.0	59.1	48.2	49.6	53.7	57.6	45.8	47.1	51.0	54.7	42.4	43.7	47.3	50.7	
1620	S/T	0.76	0.68	0.52	0.3	0.79	0.71	0.54	0.3	0.81	0.73	0.55	0.4	0.84	0.75	0.57	0.4	0.87	0.78	0.59	0.4	0.88	0.78	0.59	0.4	
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11.0	
	kW	3.97	4.06	4.19	4.3	4.28	4.38	4.52	4.7	4.56	4.66	4.82	5.0	4.81	4.91	5.08	5.3	5.01	5.13	5.30	5.5	5.19	5.31	5.49	5.7	
	Amps	5.8	6.2	6.7	7.3	7.1	7.5	8.1	8.8	8.6	9.0	9.7	10.4	9.9	10.4	11.0	11.8	11.1	11.7	12.4	13.3	12.4	13.0	13.7	14.7	
1620	HI PR	250	269	284	296.3	281	302	319	332.5	319	343	363	378.1	363	391	413	430.7	409	440	465	484.5	452	486	513	535.3	
	LO PR	104	111	121	128.6	110	117	128	135.8	114	121	133	141.2	120	128	139	148.3	126	134	146	155.4	130	138	151	160.8	

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		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	2080	MBh	58.8	60.1	64.2	68.7	57.5	58.7	62.7	67.1	56.1	57.3	61.2	65.5	54.7	55.9	59.7	63.9	52.0	53.1	56.8	60.7	48.2	49.2	52.6	56.2	
		S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.5	0.97	0.91	0.74	0.6	1.00	0.94	0.76	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.80	0.6	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	22	19	14.8	
	1850	kW	4.14	4.23	4.37	4.5	4.47	4.57	4.72	4.9	4.76	4.87	5.03	5.2	5.02	5.13	5.31	5.5	5.24	5.36	5.54	5.7	5.42	5.55	5.74	5.9	
		Amps	6.5	6.9	7.5	8.2	7.9	8.3	8.9	9.7	9.5	9.9	10.6	11.4	10.8	11.3	12.0	12.9	12.2	12.7	13.5	14.4	13.5	14.1	14.9	15.9	
		HI PR	263	283	299	311.6	295	318	335	349.7	336	361	381	397.7	382	411	434	453.0	430	463	489	509.6	475	511	540	563.0	
	1620	LO PR	109	116	127	135.2	116	123	134	142.9	120	128	139	148.5	126	134	146	156.0	132	141	153	163.5	137	145	159	169.1	
		MBh	57.1	58.4	62.4	66.7	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6	
		S/T	0.87	0.81	0.66	0.5	0.90	0.84	0.69	0.5	0.92	0.87	0.70	0.5	0.95	0.89	0.73	0.5	0.99	0.93	0.75	0.6	1.00	0.93	0.76	0.6	
	85	2080	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15.4
			kW	4.10	4.19	4.33	4.5	4.43	4.53	4.68	4.8	4.72	4.83	4.99	5.2	4.97	5.09	5.26	5.4	5.19	5.31	5.49	5.7	5.38	5.50	5.69	5.9
			Amps	6.4	6.8	7.3	8.0	7.7	8.2	8.8	9.5	9.3	9.8	10.4	11.2	10.6	11.1	11.8	12.7	12.0	12.5	13.3	14.2	13.3	13.9	14.7	15.6
1850		HI PR	260	280	296	308.6	292	314	332	346.2	332	358	378	393.8	378	407	430	448.5	426	458	484	504.6	470	506	534	557.5	
		LO PR	108	115	126	133.9	114	122	133	141.5	119	126	138	147.0	125	133	145	154.4	131	139	152	161.8	135	144	157	167.4	
		MBh	52.7	53.9	57.5	61.5	51.5	52.6	56.2	60.1	50.3	51.4	54.9	58.7	49.0	50.1	53.5	57.2	46.6	47.6	50.9	54.4	43.2	44.1	47.1	50.4	
1620		S/T	0.84	0.79	0.64	0.5	0.87	0.81	0.66	0.5	0.89	0.83	0.68	0.5	0.92	0.86	0.70	0.5	0.95	0.89	0.73	0.5	0.96	0.90	0.73	0.5	
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	23	22	19	15.7	
		kW	4.00	4.09	4.22	4.4	4.32	4.42	4.56	4.7	4.60	4.70	4.86	5.0	4.85	4.96	5.12	5.3	5.06	5.17	5.35	5.5	5.24	5.36	5.54	5.7	
2080		Amps	6.0	6.3	6.9	7.5	7.3	7.7	8.3	8.9	8.8	9.2	9.9	10.6	10.0	10.5	11.2	12.0	11.3	11.9	12.6	13.5	12.6	13.2	14.0	14.9	
		HI PR	253	272	287	299.3	283	305	322	335.8	322	347	366	382.0	367	395	417	435.0	413	444	469	489.4	456	491	518	540.7	
		LO PR	105	112	122	129.9	111	118	129	137.2	115	123	134	142.6	121	129	141	149.8	127	135	147	157.0	131	140	152	162.4	
85	2080	MBh	59.9	61.0	63.9	68.2	58.5	59.6	62.4	66.6	57.1	58.2	60.9	65.0	55.7	56.8	59.4	63.4	52.9	53.9	56.5	60.2	49.0	49.9	52.3	55.8	
		S/T	0.95	0.92	0.83	0.7	0.99	0.95	0.86	0.7	1.00	0.98	0.88	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.95	0.8	1.00	1.00	0.91	0.7	
		ΔT	25	25	23	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	20	22	22	22	19.1	
	1850	kW	4.17	4.26	4.40	4.6	4.51	4.61	4.76	4.9	4.80	4.91	5.07	5.2	5.06	5.18	5.35	5.5	5.28	5.40	5.59	5.8	5.47	5.60	5.79	6.0	
		Amps	6.7	7.1	7.7	8.3	8.1	8.5	9.1	9.8	9.6	10.1	10.8	11.6	11.0	11.5	12.2	13.1	12.4	12.9	13.7	14.6	13.7	14.3	15.1	16.1	
		HI PR	266	286	302	314.8	298	321	339	353.2	339	365	385	401.7	386	415	439	457.5	434	467	493	514.7	480	516	545	568.7	
	1620	LO PR	110	117	128	136.6	117	124	135	144.3	121	129	141	150.0	127	135	148	157.5	133	142	155	165.1	138	147	160	170.8	
		MBh	58.1	59.2	62.0	66.2	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2	
		S/T	0.91	0.88	0.79	0.6	0.94	0.91	0.82	0.7	0.97	0.93	0.84	0.7	1.00	0.96	0.87	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.91	0.7	
	85	2080	ΔT	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	24	24	23	19.9
			kW	4.14	4.23	4.37	4.5	4.47	4.57	4.72	4.9	4.76	4.87	5.03	5.2	5.02	5.13	5.31	5.5	5.24	5.36	5.54	5.7	5.42	5.55	5.74	5.9
			Amps	6.5	6.9	7.5	8.2	7.9	8.3	8.9	9.7	9.5	9.9	10.6	11.4	10.8	11.3	12.0	12.9	12.2	12.7	13.5	14.4	13.5	14.1	14.9	15.9
1850		HI PR	263	283	299	311.6	295	318	335	349.7	336	361	381	397.7	382	411	434	453.0	430	463	489	509.6	475	511	540	563.0	
		LO PR	109	116	127	135.2	116	123	134	142.9	120	128	139	148.5	126	134	146	156.0	132	141	153	163.5	137	145	159	169.1	
		MBh	53.6	54.7	57.3	61.1	52.4	53.4	55.9	59.7	51.1	52.1	54.6	58.2	49.9	50.9	53.3	56.8	47.4	48.3	50.6	54.0	43.9	44.8	46.9	50.0	
1620		S/T	0.88	0.85	0.76	0.6	0.91	0.88	0.79	0.6	0.93	0.90	0.81	0.7	0.96	0.93	0.84	0.7	1.00	0.96	0.87	0.7	1.00	0.97	0.88	0.7	
		ΔT	27	26	25	21	27	27	25	22	27	27	25	22	27	27	25	22	27	26	25	22	25	25	23	20.2	
		kW	4.04	4.12	4.26	4.4	4.36	4.45	4.60	4.8	4.64	4.74	4.90	5.1	4.89	5.00	5.17	5.3	5.10	5.22	5.39	5.6	5.28	5.41	5.59	5.8	
2080		Amps	6.1	6.5	7.0	7.7	7.4	7.8	8.4	9.1	8.9	9.4	10.0	10.8	10.2	10.7	11.4	12.2	11.5	12.1	12.8	13.7	12.8	13.4	14.2	15.1	
		HI PR	255	274	290	302.3	286	308	325	339.2	325	350	370	385.8	371	399	421	439.4	417	449	474	494.3	461	496	524	546.2	
		LO PR	106	113	123	131.2	112	119	130	138.6	116	124	135	144.0	122	130	142	151.3	128	136	149	158.6	133	141	154	164.0	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings
 Shaded area reflects AHRI conditions
 Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)
 kW = Total system power

EXPANDED HEATING DATA

DP14HM3643A**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	41.7	39.5	37.2	34.8	33.2	32.2	29.9	27.6	23.7	21.9	20.1	19.0	18.3	16.4	14.6	12.7	10.8	8.9
T/R	32.2	30.5	28.7	26.8	25.6	24.8	23.1	21.3	18.3	16.9	15.5	14.7	14.1	12.7	11.2	9.8	8.4	6.8
kW	2.76	2.71	2.66	2.60	2.57	2.55	2.49	2.44	2.53	2.47	2.41	2.38	2.36	2.30	2.24	2.18	2.13	2.07
Amps	7.0	6.6	6.4	6.1	6.0	5.9	5.7	5.5	5.4	5.2	5.1	5.0	5.0	4.9	4.7	4.5	4.4	4.2
COP	4.42	4.27	4.10	3.91	3.78	3.70	3.51	3.30	2.74	2.59	2.44	2.34	2.27	2.09	1.90	1.70	1.49	1.26
HI PR	391	375	361	345	337	330	318	305	292	279	268	261	257	247	237	228	220	212
LO PR	134	125	117	107	101	97	90	80	72	64	57	53	51	43	37	31	27	21

Above information is for nominal CFM and 70 degree indoor dry bulb. Instantaneous capacity listed.

High pressure is measured at the liquid line access fitting.

Amps Unit amps (comp.+ evaporator motor + condenser fan motor)

Low pressure is measured at the compressor suction access fitting.

DP14HM4843A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	57.3	54.3	51.1	47.7	45.6	44.2	41.0	37.8	33.0	30.5	28.1	26.5	25.5	22.9	20.3	17.7	15.1	12.4
T/R	33.2	31.4	29.6	27.6	26.4	25.6	23.8	21.9	19.1	17.6	16.2	15.3	14.8	13.3	11.7	10.2	8.7	7.2
kW	3.87	3.79	3.71	3.64	3.59	3.56	3.49	3.41	3.41	3.33	3.25	3.21	3.18	3.10	3.02	2.94	2.86	2.79
Amps	19.0	17.7	16.7	15.8	15.3	15.0	14.2	13.6	13.1	12.5	12.0	11.8	11.6	11.1	10.5	10.0	9.3	8.5
COP	4.34	4.19	4.02	3.84	3.71	3.63	3.44	3.25	2.84	2.68	2.53	2.42	2.35	2.16	1.97	1.76	1.54	1.30
HI PR	387	371	356	341	333	326	314	301	289	276	265	258	254	244	235	225	217	209
LO PR	129	120	112	103	97	93	86	77	69	62	54	50	49	41	35	30	26	21

DP14HM6043A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.6	67.8	63.8	59.7	57.0	55.2	51.3	47.3	39.1	36.1	33.3	31.4	30.2	27.1	24.1	21.0	17.9	14.7
T/R	35.9	33.9	32.0	29.9	28.5	27.6	25.7	23.7	19.6	18.1	16.6	15.7	15.1	13.6	12.0	10.5	9.0	7.3
kW	5.06	4.96	4.85	4.75	4.69	4.65	4.55	4.44	4.10	4.00	3.91	3.85	3.81	3.72	3.62	3.53	3.43	3.34
Amps	30.1	27.1	24.6	22.5	21.2	20.6	18.8	17.3	16.0	14.8	13.6	13.0	12.7	11.4	9.9	8.7	7.2	5.3
COP	4.15	4.01	3.85	3.68	3.56	3.48	3.30	3.12	2.79	2.64	2.49	2.39	2.32	2.14	1.94	1.74	1.53	1.29
HI PR	426	409	393	376	367	360	346	332	318	304	292	285	280	269	259	248	239	231
LO PR	126	117	110	101	95	92	84	75	68	61	53	49	48	40	35	29	26	20

Above information is for nominal CFM and 70 degree indoor dry bulb. Instantaneous capacity listed.

High pressure is measured at the liquid line access fitting.

Amps Unit amps (comp.+ evaporator motor + condenser fan motor)

Low pressure is measured at the compressor suction access fitting.

MODEL & HEAT KIT USAGE	CIRCUIT #1		ACTUAL kW / BTU@ 240V
	MCA ¹	MOD ²	
DP14HM3643**	3.8 / 3.8	--	--
HKR3-15B	39 / 45	60 / 60	15.0 / 51,000
DP14HM4843**	5.8 / 5.8	--	--
HKR3-15B	39 / 45	60 / 60	15.0 / 51,000
HKR3-20B	51 / 55	60 / 60	19.5 / 66,500
DP14HM6043**	7.6 / 7.6	--	--
HKR3-15B	39 / 45	60 / 60	15.0 / 51,000
HKR3-20B	51 / 55	60 / 60	19.5 / 66,500

- ¹ Minimum Circuit Ampacity @ 208 / 240 V
- ² Maximum Overcurrent Protection device @ 208 / 240 V
- * Revision level that may or may not be designated
- C Circuit Breaker option

DP14HM3643*

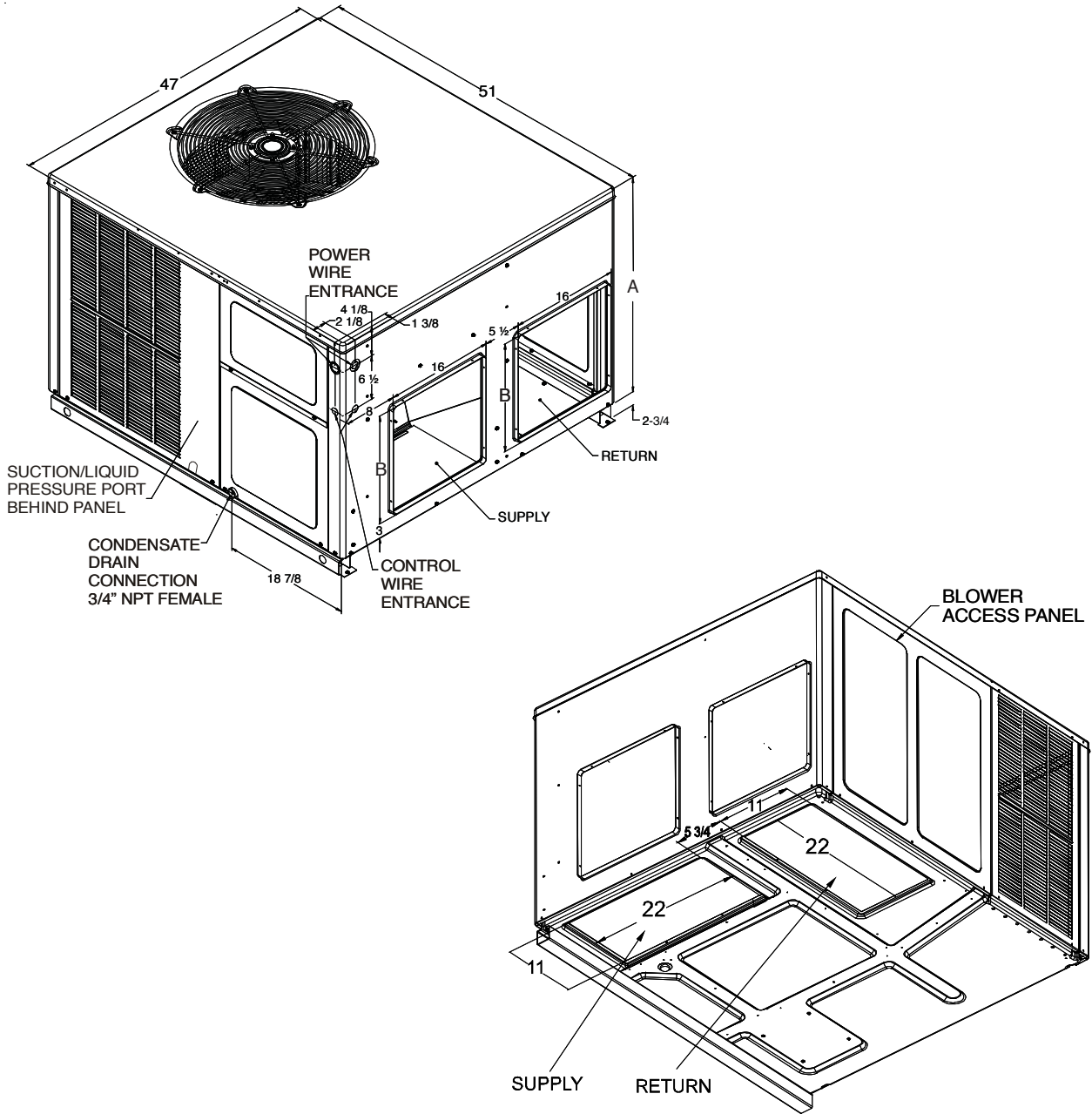
	MOTOR SPEED	VOLTS		STATIC								
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
Horizontal Position	T1	230	CFM	846	762	716	585	519	---	---	---	---
			Watts	74	83	94	98	108	---	---	---	---
	T2 / T3	230	CFM	1278	1214	1182	1129	1072	1013	950	853	788
			Watts	221	218	232	245	253	264	265	275	272
	T4 / T5	230	CFM	1604	1560	1507	1468	1415	1364	1321	1276	1218
			Watts	396	402	408	424	426	423	444	454	454
Downshot Position	T1	230	CFM	809	730	623	542	485	441	---	---	---
			Watts	73	85	92	98	107	112	---	---	---
	T2 / T3	230	CFM	1284	1223	1175	1097	1031	974	871	804	761
			Watts	220	227	241	247	255	262	272	277	285
	T4 / T5	230	CFM	1578	1539	1498	1452	1396	1332	1279	1224	1161
			Watts	401	409	421	425	438	439	452	453	455

DP14HM4843*

	MOTOR SPEED	VOLTS		STATIC								
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
Horizontal Position	T1	230	CFM	1167	1101	1045	992	939	870	802	732	681
			Watts	139	144	156	165	177	193	203	217	223
	T2 / T3	230	CFM	1723	1637	1598	1554	1509	1467	1420	1361	1295
			Watts	372	370	381	390	404	411	420	427	441
	T4 / T5	230	CFM	2012	1965	1912	1871	1809	1770	1741	1691	1635
			Watts	578	593	599	606	610	627	626	634	638
Downshot Position	T1	230	CFM	1155	1074	1023	969	896	805	755	667	626
			Watts	153	156	169	180	195	205	216	226	230
	T2 / T3	230	CFM	1670	1596	1558	1484	1467	1383	1339	1259	1168
			Watts	383	392	399	408	419	434	436	447	449
	T4 / T5	230	CFM	1949	1881	1853	1792	1753	1699	1621	1561	1522
			Watts	603	607	608	616	622	626	648	650	645

DP14HM6043*

	SPEED	VOLTS		STATIC								
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
Horizontal Position	T1	230	CFM	1427	1370	1317	1273	1204	1165	1111	1058	1003
			Watts	222	229	237	256	256	276	291	299	320
	T2 / T3	230	CFM	1935	1885	1848	1809	1755	1705	1659	1616	1567
			Watts	498	512	515	520	541	549	559	567	569
	T4 / T5	230	CFM	2232	2188	2144	2087	2035	2017	1963	1926	1869
			Watts	805	795	790	827	830	842	864	864	848
Downshot Position	T1	230	CFM	1347	1293	1236	1184	1117	1054	996	934	871
			Watts	242	251	268	276	290	305	321	330	348
	T2 / T3	230	CFM	1827	1780	1739	1683	1633	1588	1518	1462	1404
			Watts	529	538	548	557	557	576	578	604	601
	T4 / T5	230	CFM	2111	2057	2030	1979	1947	1957	1922	1868	1818
			Watts	835	843	846	852	870	959	956	960	966



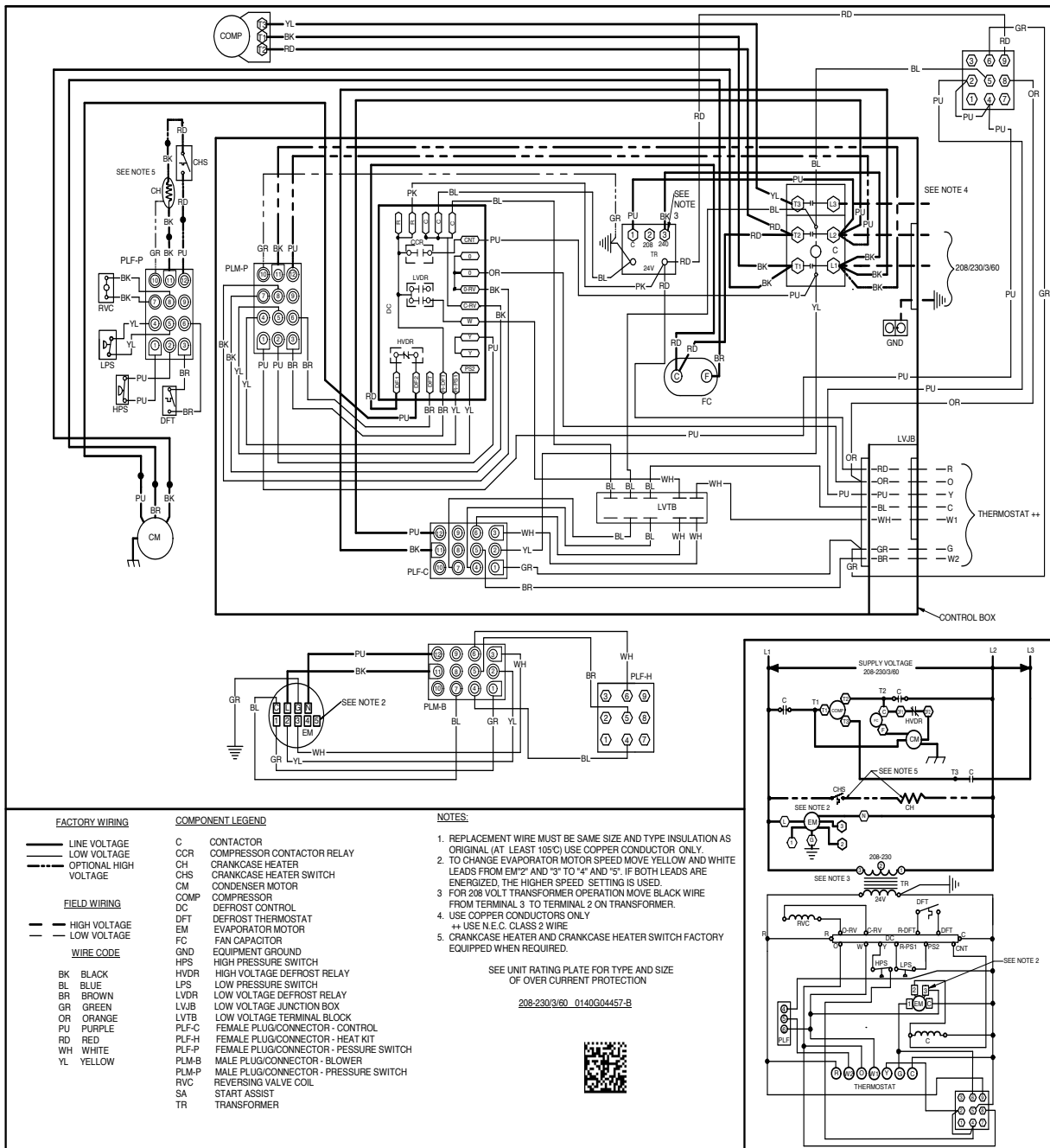
DIMENSIONS

MODEL	W"	D"	H"	B	A
DP14HM3643	47	51	34 3/4	16"	32"
DP14HM4843	47	51	42 3/4	18"	40"
DP14HM6043	47	51	42 3/4	18"	40"

FILTERS

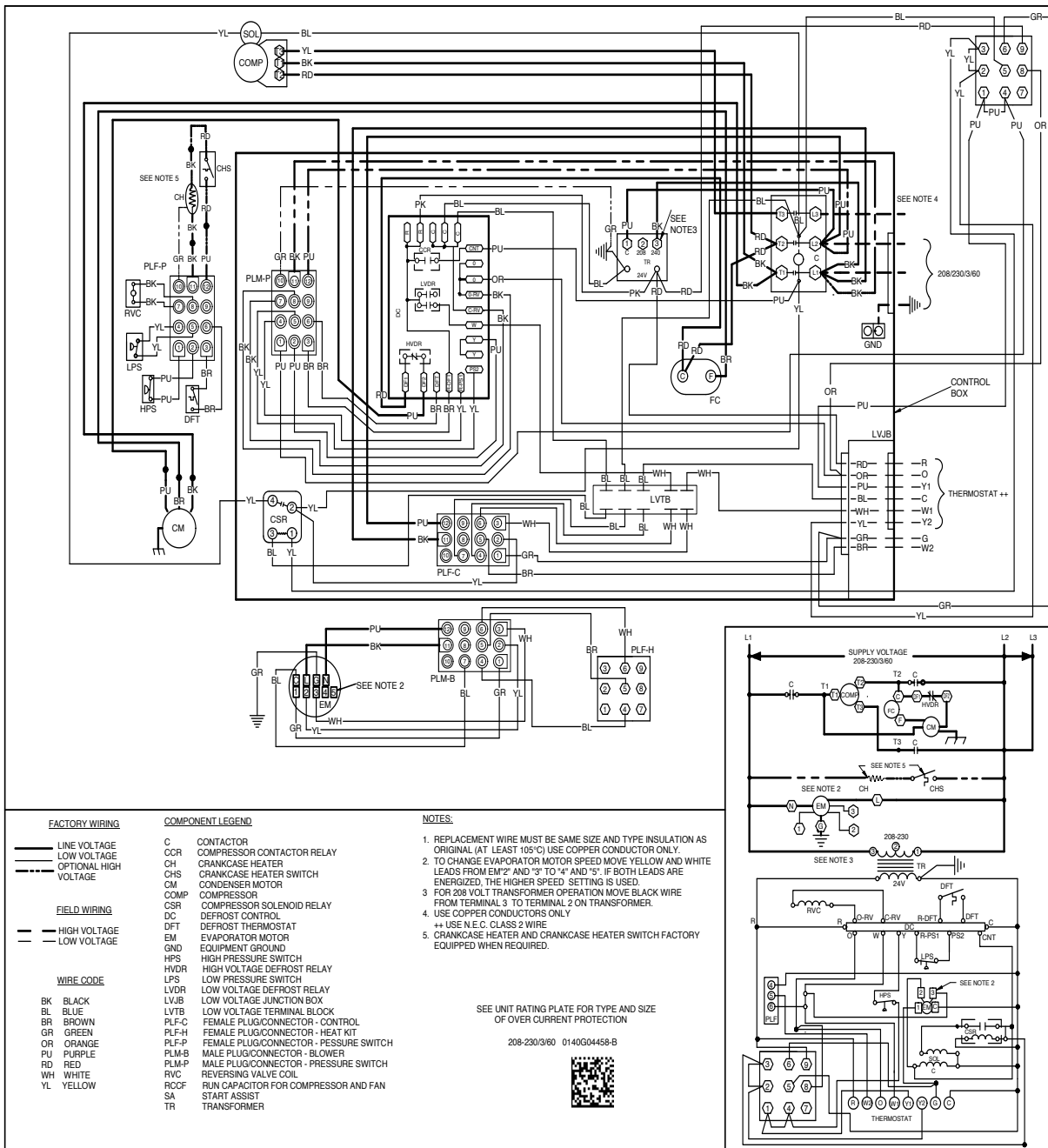
MODEL	DIMENSIONS	QTY.
DP14HMMFR102 (for medium models)	16" x 25" x 2"	1
DP14HMMFR103 (for large models)	20" x 25" x 2"	2

WIRED DIAGRAM – DP14HM36/4843



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.	
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FACTORY WIRING
 — LINE VOLTAGE
 — LOW VOLTAGE
 - - - OPTIONAL HIGH VOLTAGE

FIELD WIRING
 — HIGH VOLTAGE
 — LOW VOLTAGE

WIRE CODE

BK BLACK
 BL BLUE
 GR GREEN
 OR ORANGE
 PU PURPLE
 RD RED
 WH WHITE
 YL YELLOW

COMPONENT LEGEND

C CONTACTOR
 CCR COMPRESSOR CONTACTOR RELAY
 CH CRANKCASE HEATER
 CHS CRANKCASE HEATER SWITCH
 CM CONDENSER MOTOR
 COMP COMPRESSOR
 CSR COMPRESSOR SOLENOID RELAY
 DC DEFROST CONTROL
 DFT DEFROST THERMOSTAT
 EM EVAPORATOR MOTOR
 GND EQUIPMENT GROUND
 HPS HIGH PRESSURE SWITCH
 HVDR HIGH VOLTAGE DEFROST RELAY
 LPS LOW PRESSURE SWITCH
 LVDR LOW VOLTAGE DEFROST RELAY
 LVJB LOW VOLTAGE JUNCTION BOX
 LVTB LOW VOLTAGE TERMINAL BLOCK
 PLF-C FEMALE PLUG/CONNECTOR - CONTROL
 PLF-H FEMALE PLUG/CONNECTOR - HEAT KIT
 PLF-P FEMALE PLUG/CONNECTOR - PRESSURE SWITCH
 PLM-B MALE PLUG/CONNECTOR - BLOWER
 PLM-P MALE PLUG/CONNECTOR - PRESSURE SWITCH
 RVC REVERSING VALVE COIL
 ROPF RUN CAPACITOR FOR COMPRESSOR AND FAN
 SA START ASSIST
 TR TRANSFORMER

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED MOVE YELLOW AND WHITE LEADS FROM EM² AND ³ TO ⁴ AND ⁵. IF BOTH LEADS ARE ENERGIZED, THE HIGHER SPEED SETTING IS USED.
3. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
4. USE COPPER CONDUCTORS ONLY
 ++ USE N.E.C. CLASS 2 WIRE
5. CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

208-230/3/60 0140G0458-B



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

	WARNING	<p>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.</p>	
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ACCESSORIES

ITEM	DESCRIPTION	FITS CHASSIS SIZE
20464501NGK	Horizontal Duct Cover	Medium
20464502NGK	Horizontal Duct Cover	Large
CDK36	Concentric Kit	Medium
CDK4872	Concentric Kit	Large
DDNECNJPCHMM	Downflow Economizer	Medium
DDNECNJPCHML	Downflow Economizer	Large
DDNIFRPCHMM	Downflow Internal Filter Rack	Medium
DDNIFRPCHML	Downflow Internal Filter Rack	Large
DHZECNJPGCHM	Horizontal Economizer	Medium
DHZECNJPGCHL	Horizontal Economizer	Large
DPHFRA	External Horizontal Filter Rack	All Sizes
DHZIFRPGCHA	Internal Horizontal Filter Rack	All Sizes
DDN25FDPGCHMM	25% Manual Downflow Fresh Air Damper	Medium
DDN25FDPGCHML	25% Manual Downflow Fresh Air Damper	Large
DHZ25FDPGCHMM	25% Manual Horizontal Fresh Air Damper	Medium
DHZ25FDPGCHML	25% Manual Horizontal Fresh Air Damper	Large
DDN25MFDPGCHMM	25% Motorized Downflow Fresh Air Damper	Medium
DDN25MFDPGCHML	25% Motorized Downflow Fresh Air Damper	Large
DHZ25MFDPGCHMM	25% Motorized Horizontal Fresh Air Damper	Medium
DHZ25MFDPGCHML	25% Motorized Horizontal Fresh Air Damper	Large
OT/EHR18-60	Outdoor Thermostat & Emergency Heat Relay Kit	All Sizes
OT18-60A	Outdoor Thermostat Kit w/ Lockout Stat	All Sizes
D14CRBPGCHMA	Roof Curb	All Sizes
SQRPG101/102	Square-to-Round Adapter w/16" Round for Downflow Application	Medium
SQRPG103	Square-to-Round Adapter w/18" Round for Downflow Application	Large
SQRPGH101/102	Square-to-Round Adapter w/16" Round for Horizontal Application	Medium
SQRPGH103	Square-to-Round Adapter w/18" Round for Horizontal Application	Large