DAIKIN

DP3CM COMMERCIAL

Cooling Capacity: 34,200 - 55,000 BTU/h

3 - 5 TON, THREE-PHASE
PACKAGED AIR CONDITIONER
UP TO 13.4 SEER2

Contents

R32

Standard Features

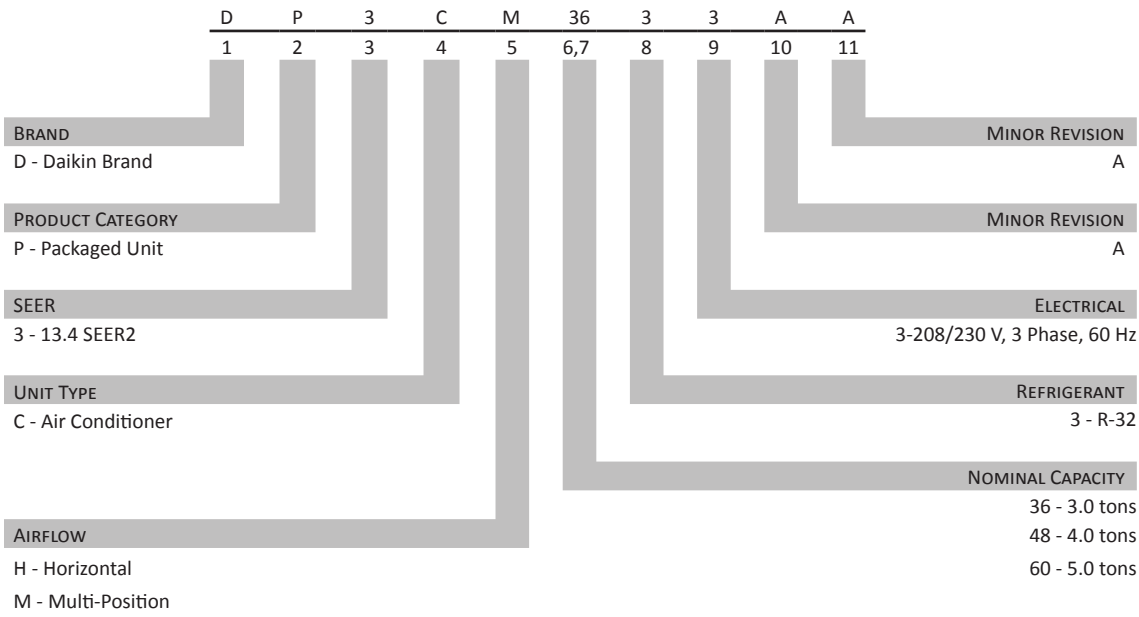
- Energy-efficient compressor with internal relief valve
- Multi-speed EEM indoor blower motor
- Convertible airflow: horizontal or downflow
- Copper tube / aluminum fin condenser coil
- All-aluminum evaporator coils
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged R-32 system

Cabinet Features

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

5 YEAR PARTS LIMITED WARRANTY*

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


D P 3 C M 36 3 3 A A
1 2 3 4 5 6,7 8 9 10 11
BRAND
D - Daikin Brand
PRODUCT CATEGORY
P - Packaged Unit
SEER
3 - 13.4 SEER2
UNIT TYPE
C - Air Conditioner
AIRFLOW
H - Horizontal
M - Multi-Position
NOMINAL CAPACITY
36 - 3.0 tons
48 - 4.0 tons
60 - 5.0 tons
REFRIGERANT
3 - R-32
ELECTRICAL
3-208/230 V, 3 Phase, 60 Hz
MINOR REVISION
A
MINOR REVISION
A

	DP3CM 3633	DP3CM 4833	DP3CM 6033
COOLING CAPACITY			
TOTAL BTU/H	34,200	45,000	55,000
SENSIBLE BTU/H	25,990	35,100	40,150
SEER2	13.4	13.4	13.4
EER2	10.6	10.6	10.6
EVAPORATOR FAN / COIL			
TYPE	ECM	ECM	ECM
WHEEL (D X W)	10 x 9	10 x 9	10 x 9
INDOOR NOMINAL CFM	1150	1525	1700
NO. OF SPEEDS	5	5	5
INDOOR BLOWER FLA	5.4	5.4	7.0
HORSEPOWER	3/4	3/4	1
Face Area (ft2)	6.23	6.23	7.01
Rows Deep / Fins per Inch	4/14	4/14	4/14
Metering Device Type	Piston	Piston	TXV
Drain Size (NPT)	¾"	¾"	¾"
Refrigerant Charge R32(oz.)	78	83	143
CONDENSER FAN / COIL			
Outdoor Fan FLA	1.4	1.4	2.0
Horsepower	0.25	0.25	0.33
Blade Diameter	22	22	22
Face Area (ft2)	17.02	17.02	18.85
Rows Deep / Fins per Inch	1/24	2/16	2/20
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
RLA	10.6	12.2	15.4
LRA	97.5	120.4	156.4
ELECTRICAL DATA			
Phase	3	3	3
Voltage (Frequency 60 Hz)	208-230	208-230	208-230
Min. Circuit Ampacity	20	22	28.2
Max. Overcurrent Protection	30	30	40
DECIBELS	79	78	79
OPERATING/SHIPPING WEIGHTS (LBS)	385/410	402/427	454/479

NOTES:

ALWAYS CHECK THE S&R PLATE FOR ELECTRICAL DATA ON THE UNIT BEING INSTALLED.

WIRE SIZE SHOULD BE DETERMINED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODES. EXTENSIVE WIRE RUNS WILL REQUIRE LARGER WIRE SIZES.

MUST USE TIME-DELAY FUSES OR HACR-TYPE CIRCUIT BREAKERS OF THE SAME SIZE AS NOTED.

			Outdoor Ambient Temperature																					
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																					
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	900	MBh	34.5	35.0	36.0	-	34.2	34.7	35.7	-	33.3	33.8	34.8	-	31.7	32.2	33.3	-	29.8	30.3	31.3	-	28.1	28.6	29.6	-
		S/T	0.54	0.47	0.33	-	0.55	0.47	0.34	-	0.57	0.50	0.36	-	1.00	0.52	0.38	-	1.00	0.54	0.40	-	1.00	0.59	0.45	-
		ΔT	20.25	18.47	15.14	-	20.20	18.42	15.09	-	20.45	18.67	15.34	-	20.18	18.40	15.07	-	19.94	18.16	14.83	-	21.06	19.28	15.95	-
		kW	2.29	2.29	2.28	-	2.57	2.57	2.57	-	2.89	2.89	2.88	-	3.23	3.23	3.22	-	3.61	3.61	3.61	-	4.06	4.06	4.06	-
		Amps	8.69	8.68	8.66	-	9.93	9.92	9.89	-	11.30	11.29	11.27	-	12.79	12.78	12.76	-	14.45	14.44	14.42	-	16.40	16.39	16.37	-
		Hi PR	263	264	266	-	304	306	307	-	348	349	351	-	395	396	398	-	446	447	449	-	500	501	503	-
		Lo PR	124	125	128	-	131	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	158	161	-
	1150	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-
		S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-
		ΔT	18.20	16.42	13.09	-	18.16	16.37	13.04	-	18.41	16.62	13.29	-	18.14	16.35	13.03	-	17.90	16.12	12.79	-	19.02	17.23	13.90	-
		kW	2.32	2.32	2.31	-	2.60	2.60	2.59	-	2.92	2.91	2.91	-	3.26	3.26	3.25	-	3.64	3.64	3.63	-	4.09	4.09	4.08	-
		Amps	8.81	8.81	8.78	-	10.05	10.04	10.02	-	11.42	11.41	11.39	-	12.91	12.90	12.88	-	14.57	14.56	14.54	-	16.52	16.51	16.49	-
		Hi PR	267	268	270	-	308	310	311	-	352	353	355	-	399	400	402	-	450	451	453	-	504	505	507	-
		Lo PR	127	128	132	-	134	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-
	1400	MBh	36.3	36.8	37.8	-	36.0	36.5	37.5	-	35.1	35.5	36.6	-	33.5	34.0	35.0	-	31.6	32.1	33.1	-	29.8	30.3	31.4	-
		S/T	0.71	0.63	0.50	-	0.72	0.64	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	1.00	0.62	-
		ΔT	16.70	14.91	11.58	-	16.65	14.86	11.53	-	16.90	15.12	11.79	-	16.63	14.85	11.52	-	16.39	14.61	11.28	-	17.51	15.72	12.39	-
		kW	2.34	2.34	2.33	-	2.62	2.62	2.61	-	2.94	2.94	2.93	-	3.28	3.28	3.27	-	3.66	3.66	3.66	-	4.11	4.11	4.10	-
		Amps	8.90	8.89	8.87	-	10.14	10.13	10.11	-	11.51	11.50	11.48	-	13.00	12.99	12.97	-	14.66	14.65	14.63	-	16.61	16.60	16.58	-
		Hi PR	271	272	274	-	312	313	315	-	356	357	359	-	403	404	406	-	454	455	457	-	508	509	511	-
		Lo PR	131	132	135	-	138	140	143	-	145	146	150	-	150	152	155	-	156	158	161	-	163	164	168	-
75	900	MBh	34.5	35.0	36.1	37.6	34.2	34.7	35.7	37.3	33.3	33.8	34.8	36.4	31.7	32.2	33.3	34.9	29.8	30.3	31.4	32.9	28.1	28.6	29.6	31.2
		S/T	0.67	0.59	0.46	0.3	0.68	0.60	0.47	0.3	1.00	0.63	0.49	0.3	1.00	0.65	0.51	0.4	1.00	0.67	0.53	0.4	1.00	1.00	0.58	0.4
		ΔT	24.17	22.39	19.06	15.6	24.12	22.34	19.01	15.6	24.37	22.59	19.26	15.8	24.10	22.32	18.99	15.5	23.87	22.08	18.75	15.3	24.98	23.20	19.87	16.4
		kW	2.29	2.29	2.28	2.3	2.57	2.57	2.56	2.6	2.89	2.89	2.88	2.9	3.23	3.23	3.22	3.2	3.61	3.61	3.61	3.6	4.06	4.06	4.05	4.1
		Amps	8.69	8.68	8.65	8.7	9.92	9.91	9.89	10.0	11.29	11.28	11.26	11.4	12.78	12.77	12.75	12.8	14.44	14.43	14.41	14.5	16.39	16.39	16.36	16.5
		Hi PR	263	264	266	270.5	305	306	308	312.2	348	349	351	355.9	395	397	398	403.0	446	447	449	453.7	500	501	503	507.9
		Lo PR	124	125	128	133.8	131	133	136	141.4	138	140	143	148.1	144	145	148	153.7	149	151	154	159.2	156	158	161	166.1
	1150	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.5	35.6	37.2	32.5	**33.0**	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	32.0
		S/T	0.80	0.72	0.58	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.62	0.5	1.00	**0.77**	0.63	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.71	0.6
		ΔT	22.13	20.34	17.01	13.6	22.08	20.29	16.96	13.5	22.33	20.54	17.21	13.8	22.06	**20.28**	16.95	13.5	21.82	20.04	16.71	13.3	22.94	21.15	17.82	14.4
		kW	2.32	2.31	2.31	2.3	2.60	2.60	2.59	2.6	2.92	2.91	2.91	2.9	3.26	**3.26**	3.25	3.3	3.64	3.64	3.63	3.7	4.09	4.09	4.08	4.1
		Amps	8.81	8.80	8.78	8.9	10.04	10.03	10.01	10.1	11.41	11.40	11.38	11.5	12.90	**12.89**	12.87	13.0	14.57	14.56	14.53	14.6	16.52	16.51	16.49	16.6
		Hi PR	267	268	270	274.5	309	310	312	316.3	352	354	355	360.0	399	**401**	402	407.0	450	451	453	457.8	504	505	507	512.0
		Lo PR	127	128	132	136.9	134	136	139	144.5	141	143	146	151.2	147	**148**	152	156.8	152	154	157	162.4	159	161	164	169.3
	1400	MBh	36.3	36.8	37.8	39.4	36.0	36.5	37.5	39.1	35.1	35.6	36.6	38.2	33.5	34.0	35.0	36.6	31.6	32.1	33.1	34.7	29.9	30.4	31.4	33.0
		S/T	0.84	0.76	0.63	0.5	1.00	0.77	0.63	0.5	1.00	0.80	0.66	0.5	1.00	0.81	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.75	0.6
		ΔT	20.62	18.83	15.50	12.1	20.57	18.79	15.46	12.0	20.82	19.04	15.71	12.3	20.55	18.77	15.44	12.0	20.31	18.53	15.20	11.7	21.43	19.65	16.32	12.9
		kW	2.34	2.33	2.33	2.4	2.62	2.62	2.61	2.6	2.94	2.93	2.93	3.0	3.28	3.28	3.27	3.3	3.66	3.66	3.65	3.7	4.11	4.11	4.10	4.1
		Amps	8.90	8.89	8.86	9.0	10.13	10.12	10.10	10.2	11.50	11.49	11.47	11.6	12.99	12.98	12.96	13.1	14.65	14.64	14.62	14.7	16.61	16.60	16.57	16.7
		Hi PR	271	272	274	278.4	312	314	315	320.1	356	357	359	363.8	403	404	406	410.9	454	455	457	461.6	508	509	511	515.8
		Lo PR	131	132	135	140.6	138	140	143	148.3	145	146	150	154.9	150	152	155	160.5	156	158	161	166.1	163	164	168	173.0

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

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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	900	MBh	34.7	35.2	36.2	37.8	34.4	34.9	35.9	37.5	33.5	34.0	35.0	36.6	31.9	32.4	33.5	35.0	30.0	30.5	31.5	33.1	28.3	28.8	29.8	31.4
		S/T	1.00	0.72	0.58	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.62	0.5	1.00	1.00	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.71	0.6
		ΔT	28.12	26.33	23.01	19.6	28.07	26.29	22.96	19.5	28.32	26.54	23.21	19.8	28.05	26.27	22.94	19.5	27.81	26.03	22.70	19.3	28.93	27.15	23.82	20.4
		kW	2.29	2.29	2.28	2.3	2.57	2.57	2.57	2.6	2.89	2.89	2.88	2.9	3.23	3.23	3.22	3.2	3.61	3.61	3.61	3.6	4.06	4.06	4.06	4.1
		Amps	8.69	8.68	8.66	8.8	9.92	9.91	9.89	10.0	11.30	11.29	11.27	11.4	12.79	12.78	12.76	12.9	14.45	14.44	14.42	14.5	16.40	16.39	16.37	16.5
		Hi PR	263	264	266	271.0	305	306	308	312.7	349	350	352	356.4	396	397	399	403.5	447	448	450	454.2	501	502	504	508.4
		Lo PR	124	126	129	134.3	132	133	137	142.0	139	140	143	148.6	144	146	149	154.2	150	151	154	159.8	157	158	161	166.7
	1150	MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	**34.2**	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1
		S/T	1.00	0.85	0.71	0.6	1.00	0.85	0.72	0.6	1.00	0.88	0.74	0.6	1.00	1.00	**0.76**	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.7
		ΔT	26.07	24.29	20.96	17.5	26.02	24.24	20.91	17.5	26.28	24.49	21.16	17.7	26.01	24.22	**20.89**	17.4	25.77	23.98	20.66	17.2	26.88	25.10	21.77	18.3
		kW	2.32	2.31	2.31	2.3	2.60	2.60	2.59	2.6	2.92	2.91	2.91	2.9	3.26	3.26	**3.25**	3.3	3.64	3.64	3.63	3.7	4.09	4.09	4.08	4.1
		Amps	8.81	8.80	8.78	8.9	10.05	10.04	10.01	10.1	11.42	11.41	11.39	11.5	12.91	12.90	**12.88**	13.0	14.57	14.56	14.54	14.6	16.52	16.51	16.49	16.6
		Hi PR	267	269	270	275.0	309	310	312	316.7	353	354	356	360.5	400	401	**403**	407.5	451	452	454	458.3	505	506	508	512.4
		Lo PR	127	129	132	137.5	135	137	140	145.1	142	143	146	151.7	147	149	**152**	157.4	153	154	158	162.9	160	161	165	169.8
	1400	MBh	36.5	37.0	38.0	39.6	36.2	36.7	37.7	39.3	35.3	35.7	36.8	38.4	33.7	34.2	35.2	36.8	31.8	32.3	33.3	34.9	30.0	30.5	31.6	33.2
		S/T	1.00	0.89	0.75	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
		ΔT	24.56	22.78	19.45	16.0	24.52	22.73	19.40	16.0	24.77	22.98	19.65	16.2	24.50	22.71	19.38	15.9	24.26	22.48	19.15	15.7	25.38	23.59	20.26	16.8
		kW	2.34	2.34	2.33	2.4	2.62	2.62	2.61	2.6	2.94	2.93	2.93	3.0	3.28	3.28	3.27	3.3	3.66	3.66	3.65	3.7	4.11	4.11	4.10	4.1
		Amps	8.90	8.89	8.87	9.0	10.13	10.12	10.10	10.2	11.51	11.50	11.48	11.6	13.00	12.99	12.97	13.1	14.66	14.65	14.63	14.7	16.61	16.60	16.58	16.7
		Hi PR	271	272	274	278.8	313	314	316	320.6	357	358	360	364.3	404	405	407	411.4	454	456	457	462.1	509	510	512	516.3
		Lo PR	131	133	136	141.2	139	140	143	148.8	145	147	150	155.5	151	153	156	161.1	157	158	161	166.6	163	165	168	173.5
85	900	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.6	35.6	37.2	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.9	29.3	30.4	32.0
		S/T	1.00	0.82	0.69	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	1.00	0.7
		ΔT	31.62	29.84	26.51	23.1	31.57	29.79	26.46	23.0	31.82	30.04	26.71	23.3	31.55	29.77	26.44	23.0	31.31	29.53	26.20	22.8	32.43	30.65	27.32	23.9
		kW	2.29	2.29	2.29	2.3	2.58	2.58	2.57	2.6	2.89	2.89	2.89	2.9	3.24	3.23	3.23	3.3	3.62	3.62	3.61	3.6	4.07	4.07	4.06	4.1
		Amps	8.72	8.71	8.68	8.8	9.95	9.94	9.92	10.0	11.32	11.31	11.29	11.4	12.81	12.80	12.78	12.9	14.47	14.46	14.44	14.5	16.42	16.42	16.39	16.5
		Hi PR	265	266	268	272.2	306	307	309	313.9	350	351	353	357.7	397	398	400	404.7	448	449	451	455.5	502	503	505	509.6
		Lo PR	126	128	131	136.2	134	135	139	143.8	140	142	145	150.5	146	148	151	156.1	152	153	156	161.6	159	160	163	168.6
	1150	MBh	36.0	36.5	37.6	39.2	35.7	36.2	37.3	38.8	34.8	35.3	36.3	37.9	33.3	33.7	34.8	36.4	31.3	31.8	32.9	34.5	29.6	30.1	31.1	32.7
		S/T	1.00	0.95	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	29.57	27.79	24.46	21.0	29.53	27.74	24.41	21.0	29.78	27.99	24.66	21.2	29.51	27.72	24.39	20.9	29.27	27.49	24.16	20.7	30.39	28.60	25.27	21.8
		kW	2.32	2.32	2.32	2.3	2.61	2.60	2.60	2.6	2.92	2.92	2.92	2.9	3.26	3.26	3.26	3.3	3.65	3.64	3.64	3.7	4.10	4.09	4.09	4.1
		Amps	8.84	8.83	8.81	8.9	10.07	10.06	10.04	10.1	11.44	11.43	11.41	11.5	12.93	12.92	12.90	13.0	14.60	14.59	14.56	14.7	16.55	16.54	16.52	16.6
		Hi PR	269	270	272	276.3	310	312	313	318.0	354	355	357	361.7	401	402	404	408.8	452	453	455	459.5	506	507	509	513.7
		Lo PR	129	131	134	139.4	137	138	142	147.0	144	145	148	153.6	149	151	154	159.3	155	156	159	164.8	162	163	166	171.7
	1400	MBh	37.1	37.6	38.6	40.2	36.8	37.2	38.3	39.9	35.8	36.3	37.4	39.0	34.3	34.8	35.8	37.4	32.4	32.9	33.9	35.5	30.6	31.1	32.2	33.7
		S/T	1.00	0.99	0.86	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	28.07	26.28	22.95	19.5	28.02	26.23	22.90	19.5	28.27	26.48	23.15	19.7	28.00	26.22	22.89	19.4	27.76	25.98	22.65	19.2	28.88	27.09	23.76	20.3
		kW	2.34	2.34	2.34	2.4	2.63	2.62	2.62	2.6	2.94	2.94	2.94	3.0	3.28	3.28	3.28	3.3	3.67	3.67	3.66	3.7	4.12	4.11	4.11	4.1
		Amps	8.93	8.92	8.90	9.0	10.16	10.15	10.13	10.2	11.53	11.52	11.50	11.6	13.02	13.01	12.99	13.1	14.68	14.67	14.65	14.7	16.64	16.63	16.60	16.7
		Hi PR	272	274	275	280.1	314	315	317	321.8	358	359	361	365.5	405	406	408	412.6	456	457	459	463.4	510	511	513	517.5
		Lo PR	133	135	138	143.1	141	142	145	150.7	147	149	152	157.3	153	154	158	163.0	158	160	163	168.5	165	167	170	175.4

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions

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

			Outdoor Ambient Temperature																					
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1200	MBh	45.5	46.1	47.5	-	45.1	45.7	47.1	-	43.9	44.5	45.9	-	41.8	42.5	43.8	-	39.3	39.9	41.3	-	37.0	37.6	39.0	-
		S/T	0.57	0.49	0.35	-	0.58	0.50	0.36	-	0.60	0.52	0.38	-	1.00	0.54	0.40	-	1.00	0.57	0.43	-	1.00	0.62	0.48	-
		ΔT	19.96	18.18	14.87	-	19.91	18.13	14.82	-	20.16	18.38	15.07	-	19.89	18.12	14.80	-	19.65	17.88	14.56	-	20.76	18.99	15.68	-
		kW	3.01	3.01	3.00	-	3.39	3.38	3.38	-	3.80	3.80	3.79	-	4.26	4.25	4.25	-	4.76	4.76	4.75	-	5.35	5.35	5.34	-
		Amps	11.06	11.04	11.02	-	12.68	12.67	12.64	-	14.50	14.49	14.46	-	16.46	16.45	16.42	-	18.66	18.64	18.62	-	21.23	21.22	21.19	-
		Hi PR	283	284	286	-	328	329	331	-	375	376	378	-	426	427	429	-	480	482	484	-	539	540	542	-
		Lo PR	126	128	131	-	134	136	139	-	141	143	146	-	147	148	152	-	152	154	157	-	159	161	164	-
	1500	MBh	46.4	47.0	48.4	-	46.0	46.6	48.0	-	44.8	45.4	46.8	-	42.7	43.4	44.7	-	40.2	40.9	42.2	-	37.9	38.6	39.9	-
		S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	1.00	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	1.00	0.59	-
		ΔT	18.12	16.34	13.03	-	18.07	16.29	12.98	-	18.32	16.54	13.23	-	18.05	16.28	12.96	-	17.81	16.04	12.73	-	18.92	17.15	13.84	-
		kW	3.05	3.04	3.04	-	3.42	3.42	3.41	-	3.84	3.83	3.83	-	4.29	4.29	4.28	-	4.79	4.79	4.78	-	5.39	5.38	5.38	-
		Amps	11.20	11.19	11.16	-	12.83	12.82	12.79	-	14.64	14.63	14.60	-	16.61	16.60	16.57	-	18.80	18.79	18.76	-	21.38	21.36	21.34	-
		Hi PR	287	288	290	-	332	333	335	-	379	380	382	-	430	431	433	-	484	486	488	-	543	544	546	-
		Lo PR	129	131	134	-	137	139	142	-	144	146	149	-	150	151	155	-	155	157	160	-	162	164	167	-
	1800	MBh	47.6	48.3	49.6	-	47.2	47.8	49.2	-	46.0	46.6	48.0	-	43.9	44.6	46.0	-	41.4	42.1	43.4	-	39.1	39.8	41.2	-
		S/T	0.73	0.65	0.51	-	0.73	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-
		ΔT	16.73	14.95	11.64	-	16.68	14.90	11.59	-	16.93	15.15	11.84	-	16.66	14.88	11.57	-	16.42	14.65	11.33	-	17.53	15.76	12.44	-
		kW	3.07	3.07	3.06	-	3.44	3.44	3.44	-	3.86	3.86	3.85	-	4.31	4.31	4.30	-	4.82	4.82	4.81	-	5.41	5.41	5.40	-
		Amps	11.31	11.30	11.27	-	12.94	12.92	12.90	-	14.75	14.74	14.71	-	16.72	16.70	16.68	-	18.91	18.90	18.87	-	21.49	21.47	21.45	-
		Hi PR	291	292	294	-	336	337	339	-	383	384	386	-	434	435	437	-	488	489	491	-	547	548	550	-
		Lo PR	133	134	138	-	141	142	145	-	147	149	152	-	153	155	158	-	159	160	164	-	166	167	171	-
75	1200	MBh	45.5	46.1	47.5	49.6	45.1	45.7	47.1	49.2	43.9	44.5	45.9	48.0	41.8	42.5	43.8	45.9	39.3	40.0	41.3	43.4	37.0	37.7	39.0	41.1
		S/T	0.70	0.62	0.49	0.3	1.00	0.63	0.49	0.3	1.00	0.66	0.52	0.4	1.00	0.68	0.54	0.4	1.00	0.70	0.56	0.4	1.00	1.00	0.61	0.5
		ΔT	23.86	22.08	18.77	15.3	23.81	22.04	18.72	15.3	24.06	22.28	18.97	15.5	23.79	22.02	18.70	15.3	23.56	21.78	18.47	15.0	24.67	22.89	19.58	16.1
		kW	3.01	3.01	3.00	3.0	3.38	3.38	3.37	3.4	3.80	3.80	3.79	3.8	4.25	4.25	4.24	4.3	4.76	4.75	4.75	4.8	5.35	5.35	5.34	5.4
		Amps	11.05	11.03	11.01	11.1	12.67	12.66	12.63	12.8	14.49	14.48	14.45	14.6	16.45	16.44	16.41	16.5	18.65	18.63	18.61	18.7	21.22	21.21	21.18	21.3
		Hi PR	283	285	287	291.6	328	330	332	336.5	375	377	379	383.6	426	427	429	434.3	481	482	484	488.9	539	540	542	547.3
		Lo PR	126	128	131	136.7	134	136	139	144.5	141	143	146	151.3	147	148	152	157.0	152	154	157	162.7	159	161	164	169.7
	1500	MBh	46.4	47.1	48.4	50.5	46.0	46.6	48.0	50.1	44.8	45.5	46.8	48.9	42.7	**43.4**	44.8	46.9	40.2	40.9	42.2	44.3	37.9	38.6	40.0	42.0
		S/T	0.82	0.74	0.60	0.5	1.00	0.74	0.61	0.5	1.00	0.77	0.63	0.5	1.00	**0.79**	0.65	0.5	1.00	1.00	0.67	0.5	1.00	1.00	0.73	0.6
		ΔT	22.02	20.24	16.93	13.5	21.97	20.20	16.88	13.4	22.22	20.45	17.13	13.7	21.95	**20.18**	16.86	13.4	21.72	19.94	16.63	13.2	22.83	21.05	17.74	14.3
		kW	3.04	3.04	3.03	3.1	3.42	3.41	3.41	3.4	3.83	3.83	3.83	3.9	4.29	**4.28**	4.28	4.3	4.79	4.79	4.78	4.8	5.38	5.38	5.37	5.4
		Amps	11.19	11.18	11.15	11.3	12.82	12.81	12.78	12.9	14.63	14.62	14.59	14.7	16.60	**16.58**	16.56	16.7	18.79	18.78	18.75	18.9	21.37	21.35	21.33	21.5
		Hi PR	287	289	291	295.6	332	334	336	340.5	379	381	383	387.6	430	**431**	433	438.3	485	486	488	492.9	543	544	546	551.2
		Lo PR	129	131	134	139.7	137	139	142	147.4	144	146	149	154.2	150	**151**	155	160.0	155	157	160	165.6	162	164	167	172.7
	1800	MBh	47.6	48.3	49.6	51.7	47.2	47.9	49.2	51.3	46.0	46.7	48.0	50.1	44.0	44.6	46.0	48.1	41.5	42.1	43.5	45.6	39.2	39.8	41.2	43.3
		S/T	0.86	0.78	0.64	0.5	1.00	0.79	0.65	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.70	0.5	1.00	1.00	0.72	0.6	1.00	1.00	0.77	0.6
		ΔT	20.63	18.85	15.54	12.1	20.58	18.80	15.49	12.1	20.83	19.05	15.74	12.3	20.56	18.79	15.47	12.0	20.32	18.55	15.24	11.8	21.43	19.66	16.35	12.9
		kW	3.07	3.07	3.06	3.1	3.44	3.44	3.43	3.5	3.86	3.86	3.85	3.9	4.31	4.31	4.30	4.3	4.82	4.81	4.81	4.8	5.41	5.41	5.40	5.4
		Amps	11.30	11.29	11.26	11.4	12.93	12.91	12.89	13.0	14.74	14.73	14.70	14.8	16.71	16.69	16.67	16.8	18.90	18.89	18.86	19.0	21.48	21.46	21.44	21.6
		Hi PR	291	292	294	299.4	336	337	339	344.3	383	384	386	391.4	434	435	437	442.1	488	490	492	496.7	547	548	550	555.0
		Lo PR	133	134	138	143.1	141	142	145	150.9	147	149	152	157.7	153	155	158	163.4	159	160	164	169.1	166	167	171	176.1

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

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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1200	MBh	45.7	46.4	47.7	49.8	45.3	46.0	47.3	49.4	44.1	44.8	46.1	48.2	42.1	42.7	44.1	46.2	39.6	40.2	41.6	43.7	37.3	37.9	39.3	41.4
		S/T	1.00	0.75	0.61	0.5	1.00	0.76	0.62	0.5	1.00	0.79	0.65	0.5	1.00	1.00	0.67	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.74	0.6
		ΔT	27.79	26.01	22.70	19.3	27.74	25.96	22.65	19.2	27.99	26.21	22.90	19.5	27.72	25.95	22.63	19.2	27.48	25.71	22.40	19.0	28.59	26.82	23.51	20.1
		kW	3.01	3.01	3.00	3.0	3.39	3.38	3.38	3.4	3.80	3.80	3.79	3.8	4.26	4.25	4.25	4.3	4.76	4.76	4.75	4.8	5.35	5.35	5.34	5.4
		Amps	11.06	11.04	11.02	11.1	12.68	12.67	12.64	12.8	14.50	14.48	14.46	14.6	16.46	16.45	16.42	16.5	18.66	18.64	18.62	18.7	21.23	21.22	21.19	21.3
		Hi PR	284	285	287	292.1	329	330	332	337.1	376	377	379	384.1	427	428	430	434.8	481	482	484	489.5	540	541	543	547.8
		Lo PR	127	129	132	137.3	135	136	140	145.0	142	143	146	151.8	147	149	152	157.6	153	155	158	163.2	160	162	165	170.3
	1500	MBh	46.6	47.3	48.7	50.8	46.2	46.9	48.3	50.3	45.0	45.7	47.1	49.1	43.0	43.6	**45.0**	47.1	40.5	41.1	42.5	44.6	38.2	38.8	40.2	42.3
		S/T	1.00	0.87	0.73	0.6	1.00	0.87	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	**0.78**	0.6	1.00	1.00	0.80	0.7	1.00	1.00	1.00	0.7
		ΔT	25.95	24.17	20.86	17.4	25.90	24.12	20.81	17.4	26.15	24.37	21.06	17.6	25.88	24.11	**20.79**	17.4	25.64	23.87	20.56	17.1	26.76	24.98	21.67	18.2
		kW	3.05	3.04	3.04	3.1	3.42	3.42	3.41	3.4	3.84	3.83	3.83	3.9	4.29	4.29	**4.28**	4.3	4.79	4.79	4.78	4.8	5.39	5.38	5.38	5.4
		Amps	11.20	11.19	11.16	11.3	12.83	12.81	12.79	12.9	14.64	14.63	14.60	14.7	16.61	16.59	**16.57**	16.7	18.80	18.79	18.76	18.9	21.38	21.36	21.33	21.5
		Hi PR	288	289	291	296.1	333	334	336	341.0	380	381	383	388.1	431	432	**434**	438.8	485	486	488	493.4	544	545	547	551.8
		Lo PR	130	132	135	140.2	138	139	143	148.0	145	146	149	154.8	150	152	**155**	160.5	156	157	161	166.2	163	165	168	173.2
	1800	MBh	47.9	48.5	49.9	52.0	47.5	48.1	49.5	51.6	46.3	46.9	48.3	50.4	44.2	44.9	46.2	48.3	41.7	42.3	43.7	45.8	39.4	40.0	41.4	43.5
		S/T	1.00	0.91	0.77	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.8
		ΔT	24.56	22.78	19.47	16.0	24.51	22.73	19.42	16.0	24.76	22.98	19.67	16.2	24.49	22.71	19.40	16.0	24.25	22.48	19.16	15.7	25.36	23.59	20.28	16.8
		kW	3.07	3.07	3.06	3.1	3.44	3.44	3.43	3.5	3.86	3.86	3.85	3.9	4.31	4.31	4.30	4.3	4.82	4.82	4.81	4.8	5.41	5.41	5.40	5.4
		Amps	11.31	11.30	11.27	11.4	12.94	12.92	12.89	13.0	14.75	14.74	14.71	14.8	16.71	16.70	16.67	16.8	18.91	18.90	18.87	19.0	21.48	21.47	21.44	21.6
		Hi PR	292	293	295	299.9	337	338	340	344.8	384	385	387	391.9	434	436	438	442.6	489	490	492	497.2	547	549	551	555.5
		Lo PR	133	135	138	143.7	141	143	146	151.4	148	150	153	158.2	154	155	159	164.0	159	161	164	169.6	166	168	171	176.7
85	1200	MBh	46.5	47.1	48.5	50.6	46.1	46.7	48.1	50.2	44.9	45.5	46.9	49.0	42.8	43.5	44.9	46.9	40.3	41.0	42.3	44.4	38.0	38.7	40.0	42.1
		S/T	1.00	0.86	0.72	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	1.00	0.6	1.00	1.00	1.00	0.7
		ΔT	31.27	29.50	26.18	22.8	31.22	29.45	26.13	22.7	31.47	29.70	26.38	23.0	31.20	29.43	26.12	22.7	30.97	29.19	25.88	22.4	32.08	30.30	26.99	23.6
		kW	3.02	3.02	3.01	3.0	3.39	3.39	3.38	3.4	3.81	3.81	3.80	3.8	4.26	4.26	4.25	4.3	4.77	4.76	4.76	4.8	5.36	5.36	5.35	5.4
		Amps	11.09	11.07	11.05	11.2	12.71	12.70	12.67	12.8	14.53	14.52	14.49	14.6	16.49	16.48	16.45	16.6	18.69	18.67	18.65	18.8	21.26	21.25	21.22	21.3
		Hi PR	285	287	289	293.5	330	331	333	338.4	377	379	381	385.5	428	429	431	436.2	483	484	486	490.8	541	542	544	549.1
		Lo PR	129	131	134	139.2	137	138	142	147.0	143	145	148	153.7	149	151	154	159.5	155	156	160	165.1	162	164	167	172.2
	1500	MBh	47.4	48.1	49.4	51.5	47.0	47.7	49.0	51.1	45.8	46.5	47.8	49.9	43.8	44.4	45.8	47.9	41.2	41.9	43.3	45.3	38.9	39.6	41.0	43.1
		S/T	1.00	0.97	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	29.43	27.66	24.34	20.9	29.38	27.61	24.30	20.9	29.63	27.86	24.54	21.1	29.37	27.59	24.28	20.8	29.13	27.35	24.04	20.6	30.24	28.46	25.15	21.7
		kW	3.05	3.05	3.04	3.1	3.43	3.42	3.42	3.4	3.84	3.84	3.83	3.9	4.30	4.29	4.29	4.3	4.80	4.80	4.79	4.8	5.39	5.39	5.38	5.4
		Amps	11.23	11.22	11.19	11.3	12.86	12.84	12.82	12.9	14.67	14.66	14.63	14.8	16.64	16.62	16.60	16.7	18.83	18.82	18.79	18.9	21.41	21.39	21.37	21.5
		Hi PR	289	290	292	297.5	334	335	337	342.4	381	382	384	389.5	432	433	435	440.1	487	488	490	494.8	545	546	548	553.1
		Lo PR	132	133	137	142.1	140	141	144	149.9	146	148	151	156.7	152	154	157	162.4	158	159	163	168.1	165	166	170	175.1
	1800	MBh	48.6	49.3	50.7	52.7	48.2	48.9	50.2	52.3	47.0	47.7	49.1	51.1	45.0	45.6	47.0	49.1	42.5	43.1	44.5	46.6	40.2	40.8	42.2	44.3
		S/T	1.00	1.00	0.88	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	28.04	26.27	22.95	19.5	27.99	26.22	22.90	19.5	28.24	26.47	23.15	19.7	27.97	26.20	22.89	19.5	27.74	25.96	22.65	19.2	28.85	27.07	23.76	20.3
		kW	3.08	3.07	3.07	3.1	3.45	3.45	3.44	3.5	3.87	3.87	3.86	3.9	4.32	4.32	4.31	4.3	4.83	4.82	4.82	4.8	5.42	5.41	5.41	5.4
		Amps	11.34	11.33	11.30	11.4	12.97	12.95	12.93	13.1	14.78	14.77	14.74	14.9	16.75	16.73	16.71	16.8	18.94	18.93	18.90	19.0	21.52	21.50	21.47	21.6
		Hi PR	293	294	296	301.2	338	339	341	346.2	385	386	388	393.2	436	437	439	443.9	490	492	494	498.6	549	550	552	556.9
		Lo PR	135	137	140	145.6	143	145	148	153.4	150	151	155	160.2	156	157	160	165.9	161	163	166	171.5	168	170	173	178.6

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions

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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1400	MBh	55.7	56.5	58.2	-	55.2	56.0	57.6	-	53.7	54.5	56.2	-	51.2	52.0	53.7	-	48.1	48.9	50.6	-	45.3	46.1	47.8	-
		S/T	0.55	0.48	0.35	-	0.56	0.48	0.35	-	0.58	0.51	0.38	-	0.60	0.53	0.40	-	1.00	0.55	0.42	-	1.00	0.60	0.47	-
		ΔT	20.18	18.36	14.97	-	20.13	18.31	14.92	-	20.39	18.57	15.17	-	20.11	18.29	14.90	-	19.87	18.05	14.66	-	21.01	19.19	15.80	-
		kW	3.68	3.67	3.67	-	4.14	4.13	4.13	-	4.65	4.65	4.64	-	5.21	5.20	5.20	-	5.83	5.82	5.82	-	6.56	6.55	6.55	-
		Amps	13.44	13.42	13.39	-	15.44	15.42	15.39	-	17.67	17.66	17.62	-	20.09	20.08	20.04	-	22.79	22.78	22.74	-	25.96	25.94	25.91	-
		Hi PR	275	276	278	-	318	319	321	-	364	365	367	-	413	414	416	-	466	467	469	-	522	523	525	-
		Lo PR	120	121	125	-	127	129	132	-	134	135	138	-	139	141	144	-	145	146	149	-	151	153	156	-
	1700	MBh	56.7	57.5	59.2	-	56.2	57.0	58.7	-	54.7	55.5	57.2	-	52.2	53.0	54.7	-	49.1	49.9	51.6	-	46.3	47.1	48.8	-
		S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-
		ΔT	18.56	16.74	13.34	-	18.51	16.69	13.29	-	18.76	16.94	13.55	-	18.49	16.67	13.28	-	18.24	16.43	13.03	-	19.38	17.56	14.17	-
		kW	3.71	3.71	3.70	-	4.17	4.17	4.16	-	4.69	4.68	4.67	-	5.24	5.24	5.23	-	5.86	5.86	5.85	-	6.59	6.59	6.58	-
		Amps	13.59	13.58	13.54	-	15.59	15.58	15.54	-	17.83	17.81	17.78	-	20.24	20.23	20.19	-	22.95	22.93	22.90	-	26.11	26.10	26.06	-
		Hi PR	278	279	281	-	322	323	325	-	367	368	370	-	416	417	419	-	469	470	472	-	526	527	529	-
		Lo PR	122	124	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	152	-	154	155	158	-
	2000	MBh	58.0	58.8	60.4	-	57.5	58.3	59.9	-	56.0	56.8	58.5	-	53.5	54.3	56.0	-	50.4	51.2	52.9	-	47.6	48.4	50.1	-
		S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-
		ΔT	17.28	15.47	12.07	-	17.23	15.42	12.02	-	17.49	15.67	12.28	-	17.22	15.40	12.00	-	16.97	15.15	11.76	-	18.11	16.29	12.90	-
		kW	3.74	3.74	3.73	-	4.20	4.20	4.19	-	4.71	4.71	4.70	-	5.27	5.27	5.26	-	5.89	5.89	5.88	-	6.62	6.62	6.61	-
		Amps	13.71	13.70	13.66	-	15.71	15.70	15.66	-	17.95	17.93	17.90	-	20.36	20.35	20.31	-	23.06	23.05	23.01	-	26.23	26.22	26.18	-
		Hi PR	281	282	284	-	325	326	328	-	370	371	373	-	419	421	423	-	472	473	475	-	529	530	532	-
		Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	151	154	-	157	158	161	-
75	1400	MBh	55.7	56.5	58.2	60.7	55.2	56.0	57.7	60.2	53.8	54.5	56.2	58.8	51.2	52.0	53.7	56.3	48.2	49.0	50.6	53.2	45.4	46.2	47.8	50.4
		S/T	0.67	0.60	0.47	0.3	0.68	0.61	0.48	0.3	1.00	0.63	0.50	0.4	1.00	0.65	0.52	0.4	1.00	0.67	0.54	0.4	1.00	0.72	0.59	0.5
		ΔT	24.18	22.36	18.96	15.4	24.13	22.31	18.91	15.4	24.38	22.56	19.17	15.7	24.11	22.29	18.90	15.4	23.86	22.05	18.65	15.1	25.00	23.18	19.79	16.3
		kW	3.67	3.67	3.66	3.7	4.13	4.13	4.12	4.2	4.65	4.64	4.64	4.7	5.20	5.20	5.19	5.2	5.83	5.82	5.81	5.8	6.55	6.55	6.54	6.6
		Amps	13.43	13.41	13.38	13.5	15.43	15.41	15.38	15.5	17.66	17.65	17.61	17.8	20.08	20.06	20.03	20.2	22.78	22.76	22.73	22.9	25.95	25.93	25.90	26.0
		Hi PR	275	276	278	282.8	318	320	322	326.3	364	365	367	371.9	413	414	416	421.0	466	467	469	473.9	522	524	526	530.3
		Lo PR	120	121	125	129.7	127	129	132	137.0	134	135	138	143.5	139	141	144	148.9	145	146	149	154.2	151	153	156	160.9
	1700	MBh	56.7	57.5	59.2	61.7	56.2	57.0	58.7	61.2	54.8	55.6	57.2	59.8	52.2	**53.0**	54.7	57.3	49.2	50.0	51.6	54.2	46.4	47.2	48.8	51.4
		S/T	0.76	0.69	0.56	0.4	0.77	0.70	0.57	0.4	1.00	0.72	0.59	0.5	1.00	**0.74**	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.68	0.5
		ΔT	22.55	20.73	17.34	13.8	22.50	20.68	17.29	13.8	22.76	20.94	17.55	14.0	22.48	**20.67**	17.27	13.8	22.24	20.42	17.03	13.5	23.38	21.56	18.17	14.7
		kW	3.71	3.71	3.70	3.7	4.17	4.17	4.16	4.2	4.68	4.68	4.67	4.7	5.24	**5.24**	5.23	5.3	5.86	5.86	5.85	5.9	6.59	6.59	6.58	6.6
		Amps	13.58	13.56	13.53	13.7	15.58	15.57	15.53	15.7	17.81	17.80	17.76	17.9	20.23	**20.22**	20.18	20.3	22.93	22.92	22.88	23.0	26.10	26.08	26.05	26.2
		Hi PR	278	279	281	286.2	322	323	325	329.7	367	369	370	375.3	416	**418**	420	424.3	469	471	472	477.2	526	527	529	533.7
		Lo PR	122	124	127	132.2	130	131	134	139.5	136	138	141	145.9	142	**143**	146	151.4	147	149	152	156.7	154	155	158	163.4
	2000	MBh	58.0	58.8	60.5	63.0	57.5	58.3	60.0	62.5	56.1	56.8	58.5	61.1	53.5	54.3	56.0	58.6	50.5	51.3	52.9	55.5	47.7	48.5	50.1	52.7
		S/T	0.80	0.73	0.60	0.5	0.81	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	0.80	0.67	0.5	1.00	1.00	0.72	0.6
		ΔT	21.28	19.46	16.07	12.6	21.23	19.41	16.02	12.5	21.49	19.67	16.27	12.8	21.21	19.39	16.00	12.5	20.97	19.15	15.76	12.2	22.11	20.29	16.90	13.4
		kW	3.74	3.73	3.73	3.8	4.20	4.19	4.19	4.2	4.71	4.71	4.70	4.7	5.27	5.26	5.26	5.3	5.89	5.88	5.88	5.9	6.62	6.61	6.61	6.6
		Amps	13.70	13.68	13.65	13.8	15.70	15.69	15.65	15.8	17.93	17.92	17.88	18.0	20.35	20.34	20.30	20.5	23.05	23.04	23.00	23.2	26.22	26.20	26.17	26.3
		Hi PR	281	283	285	289.4	325	326	328	332.9	371	372	374	378.5	420	421	423	427.6	473	474	476	480.5	529	530	532	536.9
		Lo PR	125	127	130	135.0	133	134	137	142.4	139	141	144	148.8	145	146	149	154.2	150	151	154	159.6	157	158	161	166.3

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

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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1400	MBh	56.0	56.8	58.5	61.0	55.5	56.3	58.0	60.5	54.0	54.8	56.5	59.1	51.5	52.3	54.0	56.6	48.5	49.3	50.9	53.5	45.7	46.4	48.1	50.7
		S/T	0.79	0.72	0.59	0.5	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.71	0.6
		ΔT	28.20	26.38	22.99	19.5	28.15	26.33	22.94	19.4	28.40	26.59	23.19	19.7	28.13	26.31	22.92	19.4	27.89	26.07	22.68	19.2	29.03	27.21	23.81	20.3
		kW	3.68	3.67	3.67	3.7	4.14	4.13	4.13	4.2	4.65	4.65	4.64	4.7	5.21	5.20	5.19	5.2	5.83	5.82	5.82	5.9	6.56	6.55	6.54	6.6
		Amps	13.44	13.42	13.39	13.5	15.44	15.42	15.39	15.5	17.67	17.66	17.62	17.8	20.09	20.07	20.04	20.2	22.79	22.77	22.74	22.9	25.96	25.94	25.91	26.1
		Hi PR	275	277	279	283.3	319	320	322	326.8	364	366	368	372.4	414	415	417	421.5	466	468	470	474.4	523	524	526	530.8
		Lo PR	121	122	125	130.2	128	129	132	137.6	134	136	139	144.0	140	141	144	149.4	145	147	150	154.8	152	153	156	161.5
	1700	MBh	57.0	57.8	59.5	62.0	56.5	57.3	59.0	61.5	55.1	55.8	57.5	60.1	52.5	53.3	**55.0**	57.6	49.5	50.3	51.9	54.5	46.7	47.5	49.1	51.7
		S/T	1.00	0.81	0.68	0.5	1.00	0.82	0.69	0.6	1.00	0.84	0.71	0.6	1.00	0.86	**0.73**	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.7
		ΔT	26.57	24.76	21.36	17.8	26.53	24.71	21.31	17.8	26.78	24.96	21.57	18.1	26.51	24.69	**21.30**	17.8	26.26	24.45	21.05	17.5	27.40	25.58	22.19	18.7
		kW	3.71	3.71	3.70	3.7	4.17	4.17	4.16	4.2	4.69	4.68	4.67	4.7	5.24	5.24	**5.23**	5.3	5.86	5.86	5.85	5.9	6.59	6.59	6.58	6.6
		Amps	13.59	13.58	13.54	13.7	15.59	15.58	15.54	15.7	17.83	17.81	17.78	17.9	20.24	20.23	**20.19**	20.3	22.94	22.93	22.89	23.0	26.11	26.09	26.06	26.2
		Hi PR	279	280	282	286.7	322	323	325	330.2	368	369	371	375.8	417	418	**420**	424.8	470	471	473	477.8	526	527	529	534.2
		Lo PR	123	124	128	132.7	130	132	135	140.1	137	138	141	146.5	142	144	**147**	151.9	148	149	152	157.3	154	156	159	163.9
	2000	MBh	58.3	59.1	60.8	63.3	57.8	58.6	60.3	62.8	56.3	57.1	58.8	61.4	53.8	54.6	56.3	58.8	50.8	51.6	53.2	55.8	48.0	48.7	50.4	53.0
		S/T	1.00	0.85	0.72	0.6	1.00	0.86	0.73	0.6	1.00	0.88	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.84	0.7
		ΔT	25.30	23.49	20.09	16.6	25.25	23.44	20.04	16.5	25.51	23.69	20.30	16.8	25.23	23.42	20.02	16.5	24.99	23.17	19.78	16.3	26.13	24.31	20.92	17.4
		kW	3.74	3.74	3.73	3.8	4.20	4.20	4.19	4.2	4.71	4.71	4.70	4.7	5.27	5.27	5.26	5.3	5.89	5.89	5.88	5.9	6.62	6.62	6.61	6.6
		Amps	13.71	13.69	13.66	13.8	15.71	15.70	15.66	15.8	17.94	17.93	17.89	18.0	20.36	20.35	20.31	20.5	23.06	23.05	23.01	23.2	26.23	26.21	26.18	26.3
		Hi PR	282	283	285	289.9	325	327	329	333.4	371	372	374	379.0	420	421	423	428.1	473	474	476	481.0	529	531	533	537.4
		Lo PR	126	127	130	135.6	133	135	138	142.9	140	141	144	149.3	145	147	150	154.8	150	152	155	160.1	157	159	162	166.8
85	1400	MBh	57.0	57.7	59.4	62.0	56.5	57.2	58.9	61.5	55.0	55.8	57.5	60.0	52.5	53.3	54.9	57.5	49.4	50.2	51.9	54.4	46.6	47.4	49.1	51.6
		S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.69	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7
		ΔT	31.77	29.95	26.56	23.0	31.72	29.90	26.51	23.0	31.97	30.16	26.76	23.2	31.70	29.88	26.49	23.0	31.46	29.64	26.25	22.7	32.59	30.78	27.38	23.9
		kW	3.69	3.68	3.67	3.7	4.15	4.14	4.13	4.2	4.66	4.66	4.65	4.7	5.22	5.21	5.20	5.2	5.84	5.83	5.82	5.9	6.56	6.56	6.55	6.6
		Amps	13.48	13.46	13.43	13.6	15.48	15.46	15.43	15.6	17.71	17.69	17.66	17.8	20.13	20.11	20.08	20.2	22.83	22.81	22.78	22.9	26.00	25.98	25.95	26.1
		Hi PR	277	278	280	284.6	320	321	323	328.1	366	367	369	373.7	415	416	418	422.8	468	469	471	475.7	524	525	527	532.1
		Lo PR	122	124	127	132.0	130	131	134	139.4	136	138	141	145.8	142	143	146	151.3	147	148	151	156.6	154	155	158	163.3
	1700	MBh	58.0	58.7	60.4	63.0	57.5	58.2	59.9	62.5	56.0	56.8	58.5	61.0	53.5	54.3	55.9	58.5	50.4	51.2	52.9	55.4	47.6	48.4	50.1	52.6
		S/T	1.00	0.91	0.78	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.8
		ΔT	30.14	28.33	24.93	21.4	30.09	28.28	24.88	21.4	30.35	28.53	25.14	21.6	30.07	28.26	24.86	21.3	29.83	28.01	24.62	21.1	30.97	29.15	25.76	22.2
		kW	3.72	3.72	3.71	3.7	4.18	4.18	4.17	4.2	4.69	4.69	4.68	4.7	5.25	5.25	5.24	5.3	5.87	5.87	5.86	5.9	6.60	6.60	6.59	6.6
		Amps	13.63	13.61	13.58	13.7	15.63	15.61	15.58	15.7	17.86	17.85	17.81	18.0	20.28	20.26	20.23	20.4	22.98	22.97	22.93	23.1	26.15	26.13	26.10	26.3
		Hi PR	280	281	283	288.0	324	325	327	331.5	369	370	372	377.1	418	419	421	426.1	471	472	474	479.1	528	529	531	535.5
		Lo PR	125	126	129	134.5	132	134	137	141.9	139	140	143	148.3	144	146	149	153.7	149	151	154	159.1	156	158	161	165.7
	2000	MBh	59.3	60.0	61.7	64.3	58.8	59.5	61.2	63.8	57.3	58.1	59.8	62.3	54.8	55.6	57.2	59.8	51.7	52.5	54.2	56.7	48.9	49.7	51.4	53.9
		S/T	1.00	0.95	0.82	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.8	1.00	1.00	1.00	0.8
		ΔT	28.87	27.05	23.66	20.1	28.82	27.00	23.61	20.1	29.08	27.26	23.87	20.4	28.80	26.99	23.59	20.1	28.56	26.74	23.35	19.8	29.70	27.88	24.49	21.0
		kW	3.75	3.74	3.74	3.8	4.21	4.20	4.20	4.2	4.72	4.72	4.71	4.7	5.28	5.27	5.27	5.3	5.90	5.90	5.89	5.9	6.63	6.62	6.62	6.7
		Amps	13.75	13.73	13.70	13.9	15.75	15.73	15.70	15.9	17.98	17.97	17.93	18.1	20.40	20.38	20.35	20.5	23.10	23.08	23.05	23.2	26.27	26.25	26.22	26.4
		Hi PR	283	284	286	291.2	327	328	330	334.7	372	374	375	380.3	421	423	425	429.4	474	476	477	482.3	531	532	534	538.7
		Lo PR	128	129	132	137.4	135	136	140	144.7	141	143	146	151.1	147	148	151	156.6	152	154	157	161.9	159	160	163	168.6

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions

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

HORIZONTAL POSITION										
MODEL	MOTOR TAP SPEED	VOLTS	E.S.P (IN. OF H_2O)							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
DP3CM 3633**	T1	230	CFM	1070	1030	980	935	870	775	720	665
			Watts	145	161	165	173	181	190	198	202
	T2/T3	230	CFM	1432	1382	1332	1286	1242	1198	1136	1084
			Watts	225	235	248	258	270	281	291	304
	T4/T5	230	CFM	1505	1465	1420	1385	1335	1300	1250	1205
			Watts	359	371	384	383	393	398	406	416
DP3CM 4833**	T1	230	CFM	1355	1300	1250	1210	1155	1110	1045	965
			Watts	212	228	230	246	248	261	273	282
	T2/T3	230	CFM	1745	1705	1664	1623	1586	1533	1494	1459
			Watts	414	425	437	448	460	468	475	481
	T4/T5	230	CFM	1895	1855	1805	1770	1730	1685	1640	1600
			Watts	558	558	578	584	590	594	602	612
DP3CM 6033**	T1	230	CFM	1360	1300	1260	1215	1175	1125	1085	1030
			Watts	213	221	233	244	255	264	273	293
	T2/T3	230	CFM	2001	1964	1923	1882	1840	1760	1697	1654
			Watts	544	3030	575	583	592	605	615	622
	T4/T5	230	CFM	2000	1960	1925	1875	1835	1800	1760	1725
			Watts	642	651	660	651	672	683	691	699

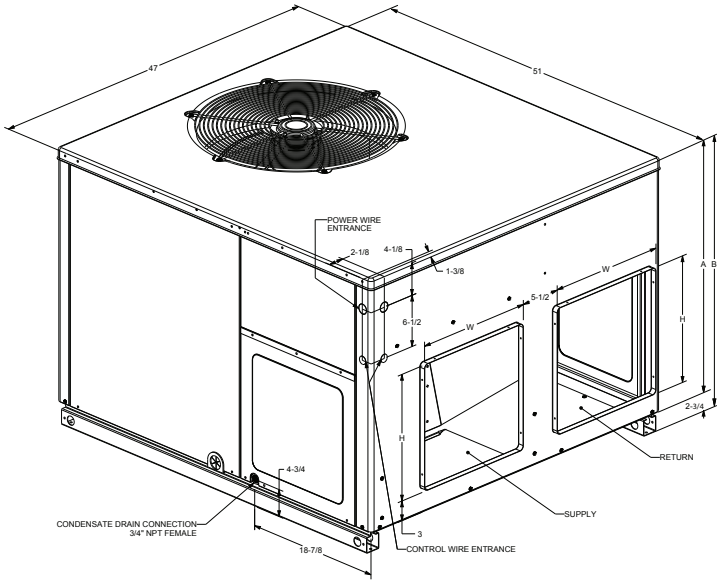
DOWNSHOT POSITION										
MODEL	MOTOR TAP SPEED	VOLTS	E.S.P (IN. OF H_2O)							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
DP3CM 3633**	T1	230	CFM	1006	968	921	879	818	729	677	625
			Watts	149	165	169	177	186	195	203	207
	T2/T3	230	CFM	1340	1288	1241	1248	1181	1119	1055	970
			Watts	254	224	226	261	279	289	303	330
	T4/T5	230	CFM	1415	1377	1335	1302	1255	1222	1175	1133
			Watts	368	380	394	393	403	408	416	426
DP3CM 4833**	T1	230	CFM	1274	1222	1175	1137	1086	1043	982	907
			Watts	217	234	236	252	254	268	280	289
	T2/T3	230	CFM	1750	1707	1660	1614	1569	1524	1475	1419
			Watts	406	421	433	445	457	466	473	475
	T4/T5	230	CFM	1781	1744	1697	1664	1626	1584	1542	1504
			Watts	572	572	592	599	605	609	617	627
DP3CM 6033**	T1	230	CFM	1278	1222	1184	1142	1105	1058	1020	968
			Watts	218	227	239	250	261	271	280	300
	T2/T3	230	CFM	1964	1923	1882	1840	1790	1715	1650	1607
			Watts	543	561	567	582	593	605	617	625
	T4/T5	230	CFM	1880	1842	1810	1763	1725	1692	1654	1622
			Watts	658	667	677	667	689	700	708	716

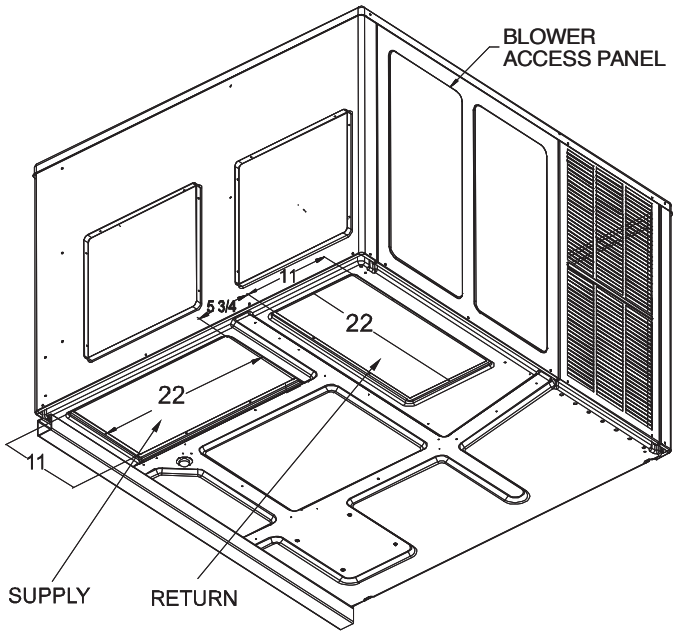
MODEL AND HEAT KIT USAGE	CIRCUIT #1		CIRCUIT #2		SINGLE-POINT KIT		ACTUAL kW
	MCA[1]	MOP[2]	MCA[1]	MOP[2]	MCA[1]	MOP[2]	
DP3CM3633**							
HKTPD153	42.9	45	-	-	49.6	50	14.25
DP3CM4833**							
HKTPD153	42.9	45	-	-	49.6	50	14.25
DP3CM6033**							
HKTPD153	42.9	45	-	-	51.6	60	14.25
HKTPD203	58.9	60	-	-	67.7	70	19.6

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection Device

HEATING kW CORRECTION FACTOR					
Supply Votage	240	230	220	210	208
Correction Factor	1.0	0.93	0.85	0.78	0.76
Multiply rated kW by correction factor to get actual kW					

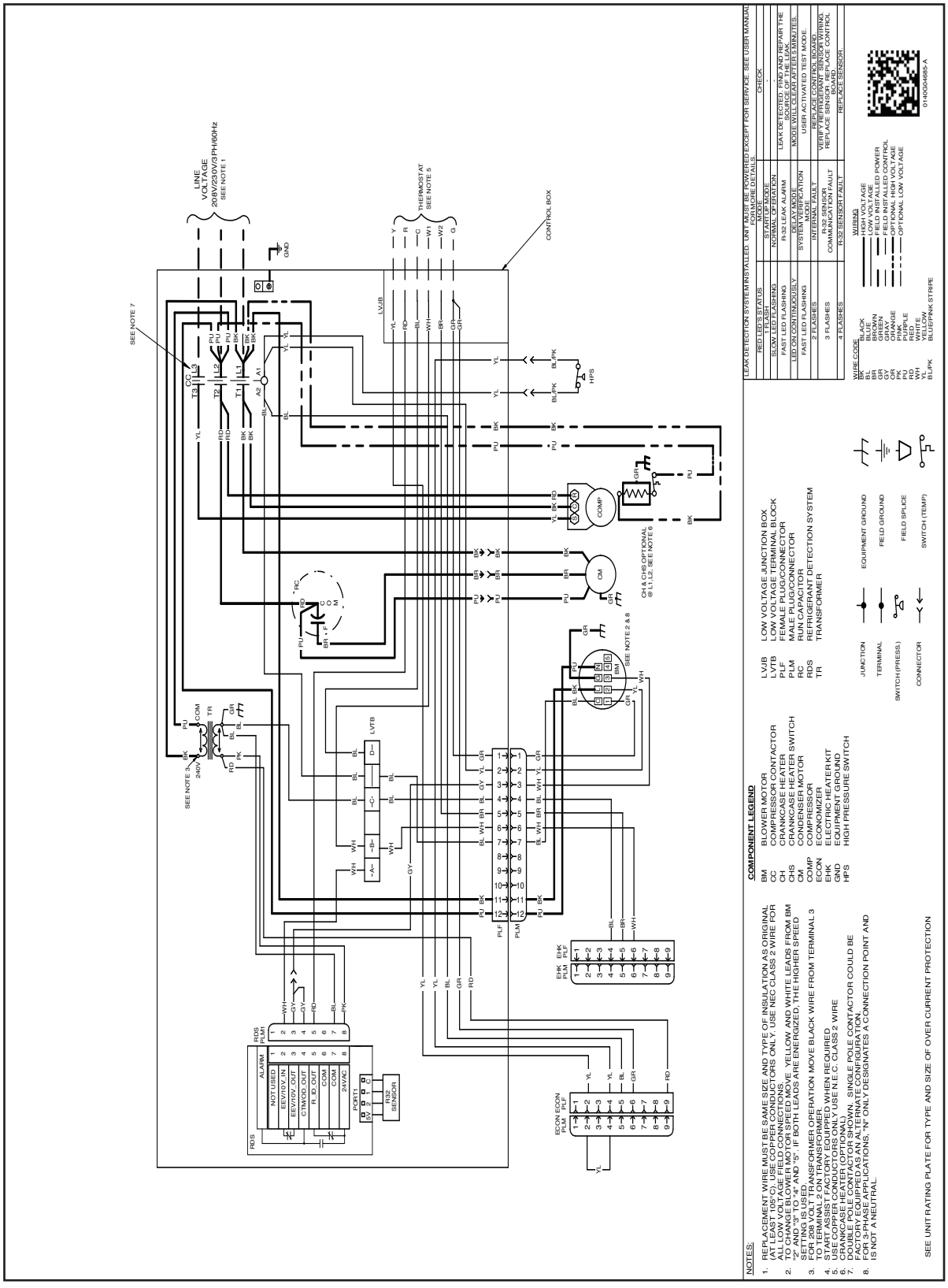
ELECTRIC HEATER KITS	
HEATER KIT PART #	DESCRIPTION
HKTPD153	15 KW, 3~, 208-230V
HKTPD203	20 KW, 3~, 208-230V





Model	Dimensions				Chassis Size
	W"	D"	A"	B"	
DP3CM3633**	47	51	40	42¾	Large
DP3CM4833**	47	51	40	42¾	Large
DP3CM6033**	47	51	40	42¾	Large

Model	Duct Openings			
	Supply		Return	
	W	H	W	H
DP3CM3633**	16	18	16	18
DP3CM4833**	16	18	16	18
DP3CM6033**	16	18	16	18



NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL AT LEAST 105°C UL LISTED COPPER CONDUCTORS ONLY. USE NEC CLASS 2 WIRE FOR ALL LOW VOLTAGE FIELD CONNECTIONS.
2. TO CHANGE BLOWER MOTOR SPEED MOVE YELLOW AND WHITE LEADS FROM BM "2" 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. 3 PHASE COMPRESSOR PROTECTION WHEN REQUIRED.
5. IF CONTACTS ARE FACTORY INSTALLED, USE NEC CLASS 2 WIRE
6. CRANKCASE HEATER (OPTIONAL).
7. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY INSTALLED AS ALTERNATE. CONSULT FACTORY.
8. FOR 3-PHASE APPLICATIONS, "N" ONLY DESIGNATES A CONNECTION POINT AND IS NOT A NEUTRAL.

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

COMPONENT LEGEND

BM	BLOWER MOTOR	LVJB	LOW VOLTAGE JUNCTION BOX
CC	COMPRESSOR CONTACTOR	LVTB	LOW VOLTAGE TERMINAL BLOCK
CH	CRANKCASE HEATER	PLF	FEMALE PLUG CONNECTOR
CHS	CRANKCASE HEATER SWITCH	PLM	MALE PLUG CONNECTOR
CM	CONDENSER MOTOR	RC	RUN CAPACITOR
COMP	COMPRESSOR	RDS	REFRIGERANT DETECTION SYSTEM
ECON	ECONOMIZER	TR	TRANSFORMER
EHK	ELECTRIC HEATER KIT		
GND	EQUIPMENT GROUND		
HPS	HIGH PRESSURE SWITCH		

JUNCTION	EQUIPMENT GROUND
TERMINAL	FIELD GROUND
SWITCH (PRESS.)	FIELD SPLICE
CONNECTOR	SWITCH (TEMP)

LEAK DETECTION SYSTEM INSTALLED. UNIT MUST BE POWERED EXCEPT FOR SERVICE. SEE USER MANUAL FOR MORE DETAILS.

RED LED'S STATUS	STARTUP MODE	CHECK
1 FLASH		
SLOW LED FLASHING	NORMAL OPERATION	
FAST LED FLASHING	R-32 LEAK ALARM	LEAK DETECTED. FIND AND REPAIR THE SOURCE OF THE LEAK.
LED ON CONTINUOUSLY	SYSTEM VERIFICATION MODE	MODE WILL CLEAR AFTER 3 MINUTES.
FAST LED FLASHING	SYSTEM VERIFICATION MODE	USER ACTION REQUIRED. TEST MODE.
2 FLASHES	INTERNAL FAULT	REPLACE CONTROL BOARD.
3 FLASHES	R-32 SENSOR COMMUNICATION FAULT	VERIFY REFRIGERANT SENSOR WIRING. REPLACE SENSOR. REPLACE CONTROL BOARD.
4 FLASHES	R-32 SENSOR FAULT	REPLACE SENSOR.

WIRING

WIRE CODE	
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
GY	GRAY
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE/PINK STRIPE

	HIGH VOLTAGE
	LOW VOLTAGE
	FIELD INSTALLED POWER
	FIELD INSTALLED CONTROL
	OPTIONAL HIGH VOLTAGE
	OPTIONAL LOW VOLTAGE

07400A0855-A

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.**