DP3HM COMMERCIAL

3 - 5 TON THREE-PHASE
PACKAGED HEAT PUMPS
13.4 SEER2

Cooling Capacity: 33,000 - 55,000 BTU/h
Heating Capacity: 31,000 - 54,000 BTU/h

Contents

R32

Standard Features

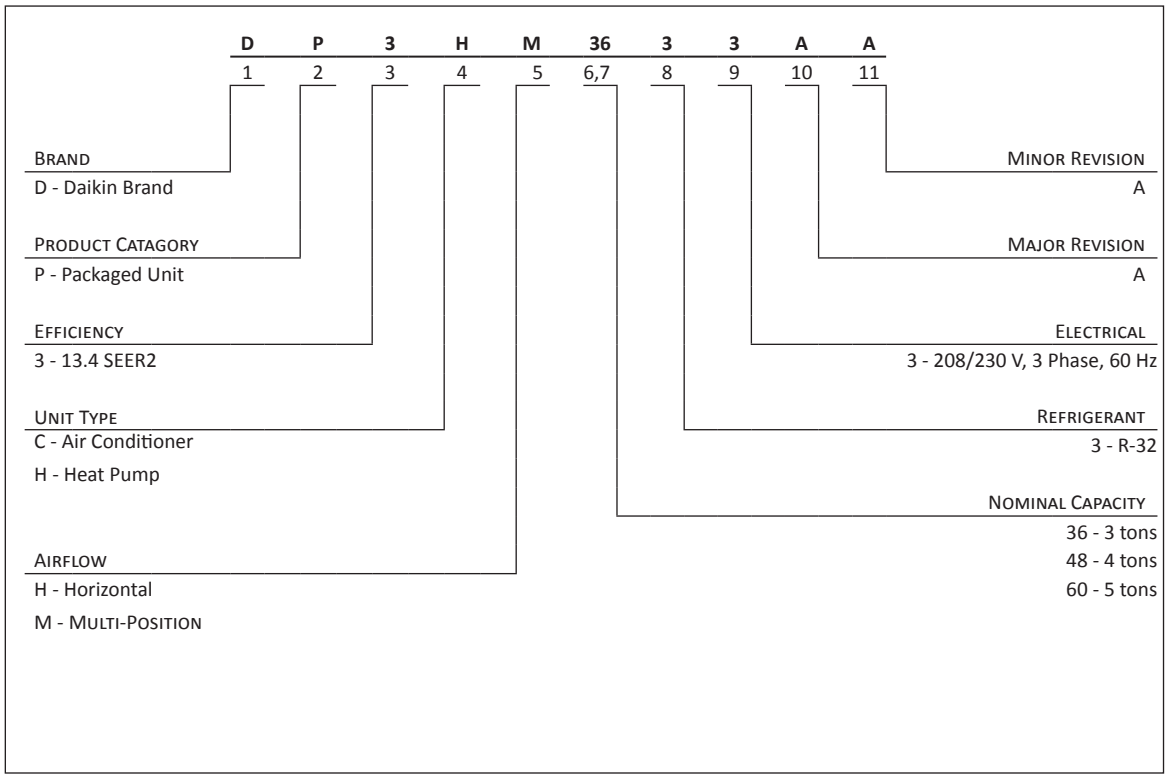
- Energy-efficient compressor with internal relief valve
- Fully charged with Low GWP R32
- MultiI-speed EEM blower motor
- Convertible airflow: horizontal or downflow
- Copper tube / aluminum fin condenser coil
- All-aluminum evaporator coils
- Totally enclosed, permanently lubricated condenser fan motor
- 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

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 H M 36 3 3 A A
1 2 3 4 5 6,7 8 9 10 11
BRAND
D - Daikin Brand
PRODUCT CATAGORY
P - Packaged Unit
EFFICIENCY
3 - 13.4 SEER2
UNIT TYPE
C - Air Conditioner
H - Heat Pump
AIRFLOW
H - Horizontal
M - MULTI-POSITION
NOMINAL CAPACITY
36 - 3 tons
48 - 4 tons
60 - 5 tons
REFRIGERANT
3 - R-32
ELECTRICAL
3 - 208/230 V, 3 Phase, 60 Hz
MAJOR REVISION
A
MINOR REVISION
A

	DP3HM 3633	DP3HM 4833	DP3HM 6033
COOLING CAPACITY			
Total BTU/h	33,400	46,500	55,000
Sensible BTU/h	25,718	34,875	39,600
SEER2	13.4	13.4	13.4
EER2	10.6	10.6	10.6
HEATING CAPACITY			
BTU/h (47°F)	31,400	45,500	54,000
C.O.P. (47°F)	3.68	3.40	3.50
BTU/h (17°F)	16,800	25,200	33,800
C.O.P. (17°F)	2.20	2.22	2.38
HSPF2	6.7	6.7	6.7
EVAPORATOR FAN / COIL			
Type	ECM	ECM	ECM
Wheel (D x W)	10 x 9	10 x 9	10 x 9
Indoor Nominal CFM	1150	1600	1750
No. of Speeds	5	5	5
Indoor Blower FLA	3.8	5.4	7
Horsepower	1/2	3/4	1
Face Area (ft2)	4.55	6.20	6.2
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 (oz.)	96	153	129
CONDENSER FAN / COIL			
Outdoor Fan FLA	1.4	2	2
Horsepower	1/4	1/3	1/3
Blade Diameter	22	22	22
Face Area (ft2)	12.08	19.05	19.05
Rows Deep / Fins per Inch	2/16	2/16	2/16
Metering Device Type	Piston	Piston	TXV
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Two
RLA	10.56	14.08	15.17
LRA	97.5	120.4	140
ELECTRICAL DATA			
Phase	3	3	3
Voltage (Frequency 60 Hz)	208-230	208-230	208-230
Min. Circuit Ampacity	18.4	25	27.96
Max. Overcurrent Protection	25	35	40
Decibels	80	79	80
OPERATING/SHIPPING WEIGHTS (LBS)	385 / 420	460 / 490	470 / 500

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.

Downflow Conversion Kit is mandatory for all downflow installations. See Accessories table for appropriate kit number(s)

			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	33.7	34.2	35.2	-	33.4	33.9	34.9	-	32.5	33.0	34.0	-	31.0	31.5	32.5	-	29.1	29.6	30.6	-	27.4	27.9	28.9	-
		S/T	0.55	0.47	0.33	-	0.56	0.48	0.34	-	0.58	0.50	0.37	-	0.60	0.52	0.39	-	1.00	0.55	0.41	-	1.00	0.60	0.46	-
		ΔT	19.47	17.76	14.55	-	19.42	17.71	14.51	-	19.66	17.95	14.75	-	19.41	17.69	14.49	-	19.18	17.46	14.26	-	20.25	18.54	15.33	-
		kW	2.23	2.22	2.22	-	2.51	2.50	2.50	-	2.82	2.82	2.81	-	3.16	3.15	3.15	-	3.53	3.53	3.53	-	3.98	3.97	3.97	-
		Amps	8.26	8.25	8.23	-	9.47	9.46	9.44	-	10.83	10.82	10.80	-	12.30	12.29	12.27	-	13.94	13.93	13.91	-	15.87	15.86	15.84	-
		Hi PR	267	268	270	-	310	311	313	-	354	355	357	-	402	403	405	-	454	455	457	-	509	510	512	-
		Lo PR	123	125	128	-	131	132	136	-	137	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-
	1150	MBh	34.4	34.9	35.9	-	34.1	34.6	35.6	-	33.2	33.7	34.7	-	31.7	32.2	33.2	-	29.8	30.3	31.3	-	28.1	28.6	29.6	-
		S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-
		ΔT	17.50	15.79	12.59	-	17.46	15.74	12.54	-	17.70	15.98	12.78	-	17.44	15.73	12.52	-	17.21	15.50	12.30	-	18.28	16.57	13.37	-
		kW	2.25	2.25	2.25	-	2.53	2.53	2.53	-	2.85	2.84	2.84	-	3.18	3.18	3.18	-	3.56	3.56	3.55	-	4.00	4.00	4.00	-
		Amps	8.38	8.37	8.35	-	9.59	9.58	9.56	-	10.95	10.94	10.92	-	12.42	12.41	12.39	-	14.06	14.05	14.03	-	15.99	15.98	15.96	-
		Hi PR	271	273	274	-	314	315	317	-	358	360	361	-	406	407	409	-	458	459	461	-	513	514	516	-
		Lo PR	126	128	131	-	134	135	139	-	141	142	145	-	146	148	151	-	152	153	156	-	159	160	163	-
	1400	MBh	35.4	35.9	36.9	-	35.1	35.6	36.6	-	34.2	34.7	35.7	-	32.7	33.2	34.2	-	30.8	31.3	32.3	-	29.1	29.6	30.6	-
		S/T	0.72	0.64	0.51	-	0.73	0.65	0.51	-	1.00	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.72	0.58	-	1.00	1.00	0.63	-
		ΔT	16.05	14.34	11.14	-	16.01	14.29	11.09	-	16.25	14.53	11.33	-	15.99	14.28	11.07	-	15.76	14.05	10.84	-	16.83	15.12	11.92	-
		kW	2.27	2.27	2.27	-	2.55	2.55	2.55	-	2.87	2.86	2.86	-	3.20	3.20	3.20	-	3.58	3.58	3.57	-	4.02	4.02	4.02	-
		Amps	8.46	8.45	8.43	-	9.68	9.67	9.65	-	11.04	11.03	11.01	-	12.51	12.50	12.48	-	14.15	14.14	14.12	-	16.08	16.07	16.05	-
		Hi PR	275	276	278	-	318	319	321	-	362	363	365	-	410	411	413	-	462	463	465	-	517	518	520	-
		Lo PR	130	132	135	-	138	139	142	-	144	146	149	-	150	151	155	-	155	157	160	-	162	164	167	-
75	900	MBh	33.7	34.2	35.2	36.8	33.4	33.9	34.9	36.5	32.5	33.0	34.0	35.6	31.0	31.5	32.5	34.0	29.1	29.6	30.6	32.2	27.4	27.9	28.9	30.5
		S/T	0.68	0.60	0.46	0.3	0.69	0.61	0.47	0.3	1.00	0.63	0.50	0.4	1.00	0.65	0.52	0.4	1.00	0.68	0.54	0.4	1.00	1.00	0.59	0.4
		ΔT	23.24	21.53	18.32	15.0	23.19	21.48	18.28	15.0	23.43	21.72	18.52	15.2	23.18	21.46	18.26	14.9	22.95	21.23	18.03	14.7	24.02	22.31	19.10	15.8
		kW	2.22	2.22	2.22	2.2	2.50	2.50	2.50	2.5	2.82	2.81	2.81	2.8	3.15	3.15	3.15	3.2	3.53	3.53	3.52	3.5	3.97	3.97	3.97	4.0
		Amps	8.25	8.24	8.22	8.3	9.46	9.45	9.43	9.5	10.82	10.81	10.79	10.9	12.29	12.28	12.26	12.4	13.93	13.92	13.90	14.0	15.86	15.85	15.83	15.9
		Hi PR	268	269	271	275.3	310	311	313	317.7	354	356	358	362.2	402	404	405	410.1	454	455	457	461.8	509	510	512	516.9
		Lo PR	123	125	128	133.3	131	132	136	140.8	137	139	142	147.5	143	145	148	153.1	149	150	153	158.6	155	157	160	165.5
	1150	MBh	34.4	34.9	35.9	37.5	34.1	34.6	35.6	37.2	33.3	33.7	34.8	36.3	31.7	**32.2**	33.2	34.8	29.9	30.3	31.4	32.9	28.2	28.6	29.7	31.2
		S/T	0.81	0.73	0.59	0.4	1.00	0.74	0.60	0.5	1.00	0.76	0.62	0.5	1.00	**0.78**	0.64	0.5	1.00	0.80	0.67	0.5	1.00	1.00	0.72	0.6
		ΔT	21.27	19.56	16.36	13.0	21.23	19.51	16.31	13.0	21.47	19.75	16.55	13.2	21.21	**19.50**	16.29	13.0	20.98	19.27	16.07	12.7	22.05	20.34	17.14	13.8
		kW	2.25	2.25	2.24	2.3	2.53	2.53	2.52	2.5	2.84	2.84	2.84	2.9	3.18	**3.18**	3.17	3.2	3.56	3.56	3.55	3.6	4.00	4.00	4.00	4.0
		Amps	8.37	8.36	8.34	8.4	9.58	9.57	9.55	9.6	10.94	10.93	10.91	11.0	12.41	**12.40**	12.38	12.5	14.05	14.04	14.02	14.1	15.98	15.97	15.95	16.0
		Hi PR	272	273	275	279.4	314	315	317	321.9	359	360	362	366.3	406	**408**	410	414.2	458	459	461	465.9	513	514	516	521.0
		Lo PR	126	128	131	136.4	134	135	139	144.0	141	142	145	150.6	146	**148**	151	156.2	152	153	156	161.7	159	160	163	168.6
	1400	MBh	35.4	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.3	34.7	35.8	37.3	32.7	33.2	34.2	35.8	30.9	31.3	32.4	33.9	29.2	29.6	30.7	32.2
		S/T	0.85	0.77	0.64	0.5	1.00	0.78	0.64	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
		ΔT	19.82	18.11	14.91	11.6	19.78	18.06	14.86	11.5	20.02	18.30	15.10	11.8	19.76	18.05	14.84	11.5	19.53	17.82	14.61	11.3	20.60	18.89	15.69	12.4
		kW	2.27	2.27	2.26	2.3	2.55	2.55	2.54	2.6	2.86	2.86	2.86	2.9	3.20	3.20	3.19	3.2	3.58	3.58	3.57	3.6	4.02	4.02	4.02	4.0
		Amps	8.46	8.45	8.43	8.5	9.67	9.66	9.64	9.7	11.03	11.02	11.00	11.1	12.50	12.49	12.47	12.6	14.14	14.13	14.11	14.2	16.07	16.06	16.04	16.1
		Hi PR	276	277	279	283.3	318	319	321	325.7	362	364	366	370.2	410	412	413	418.1	462	463	465	469.8	517	518	520	524.9
		Lo PR	130	132	135	140.1	138	139	142	147.7	144	146	149	154.3	150	151	155	159.9	155	157	160	165.4	162	164	167	172.3

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

			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	33.9	34.4	35.4	36.9	33.6	34.1	35.1	36.6	32.7	33.2	34.2	35.7	31.2	31.7	32.7	34.2	29.3	29.8	30.8	32.4	27.6	28.1	29.1	30.7
		S/T	1.00	0.73	0.59	0.4	1.00	0.74	0.60	0.5	1.00	0.76	0.62	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.67	0.5	1.00	1.00	0.72	0.6
		ΔT	27.04	25.32	22.12	18.8	26.99	25.27	22.07	18.8	27.23	25.52	22.31	19.0	26.97	25.26	22.06	18.7	26.74	25.03	21.83	18.5	27.82	26.10	22.90	19.6
		kW	2.23	2.22	2.22	2.2	2.51	2.50	2.50	2.5	2.82	2.82	2.81	2.8	3.16	3.15	3.15	3.2	3.53	3.53	3.53	3.5	3.98	3.97	3.97	4.0
		Amps	8.25	8.24	8.22	8.3	9.47	9.46	9.44	9.5	10.83	10.82	10.80	10.9	12.30	12.29	12.27	12.4	13.94	13.93	13.91	14.0	15.87	15.86	15.84	15.9
		Hi PR	268	269	271	275.8	310	312	314	318.2	355	356	358	362.7	403	404	406	410.6	455	456	458	462.3	510	511	513	517.4
		Lo PR	124	125	129	133.8	131	133	136	141.4	138	140	143	148.0	144	145	148	153.6	149	151	154	159.1	156	158	161	166.0
	1150	MBh	34.6	35.1	36.1	37.7	34.3	34.8	35.8	37.4	33.4	33.9	34.9	36.5	31.9	32.4	**33.4**	35.0	30.0	30.5	31.5	33.1	28.3	28.8	29.8	31.4
		S/T	1.00	0.86	0.72	0.6	1.00	0.86	0.73	0.6	1.00	0.89	0.75	0.6	1.00	1.00	**0.77**	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.84	0.7
		ΔT	25.07	23.36	20.15	16.8	25.02	23.31	20.11	16.8	25.26	23.55	20.35	17.0	25.01	23.29	**20.09**	16.8	24.78	23.06	19.86	16.5	25.85	24.14	20.93	17.6
		kW	2.25	2.25	2.25	2.3	2.53	2.53	2.53	2.5	2.85	2.84	2.84	2.9	3.18	3.18	**3.18**	3.2	3.56	3.56	3.55	3.6	4.00	4.00	4.00	4.0
		Amps	8.37	8.36	8.34	8.4	9.59	9.58	9.56	9.7	10.95	10.94	10.92	11.0	12.42	12.41	**12.39**	12.5	14.06	14.05	14.03	14.1	15.99	15.98	15.96	16.0
		Hi PR	272	273	275	279.9	315	316	318	322.4	359	360	362	366.8	407	408	**410**	414.7	459	460	462	466.4	514	515	517	521.5
		Lo PR	127	128	132	136.9	134	136	139	144.5	141	143	146	151.1	147	148	**151**	156.8	152	154	157	162.3	159	161	164	169.1
	1400	MBh	35.6	36.1	37.1	38.7	35.3	35.8	36.8	38.4	34.4	34.9	35.9	37.5	32.9	33.4	34.4	36.0	31.0	31.5	32.5	34.1	29.3	29.8	30.8	32.4
		S/T	1.00	0.90	0.76	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7
		ΔT	23.62	21.91	18.70	15.4	23.57	21.86	18.66	15.3	23.81	22.10	18.90	15.6	23.56	21.84	18.64	15.3	23.33	21.61	18.41	15.1	24.40	22.69	19.48	16.2
		kW	2.27	2.27	2.27	2.3	2.55	2.55	2.55	2.6	2.87	2.86	2.86	2.9	3.20	3.20	3.20	3.2	3.58	3.58	3.57	3.6	4.02	4.02	4.02	4.0
		Amps	8.46	8.45	8.43	8.5	9.68	9.67	9.65	9.7	11.04	11.03	11.01	11.1	12.51	12.50	12.48	12.6	14.15	14.14	14.12	14.2	16.07	16.06	16.04	16.1
		Hi PR	276	277	279	283.8	318	320	322	326.2	363	364	366	370.7	411	412	414	418.6	463	464	466	470.3	518	519	521	525.4
		Lo PR	131	132	135	140.6	138	140	143	148.2	145	146	150	154.8	150	152	155	160.5	156	157	161	166.0	163	164	168	172.9
85	900	MBh	34.5	34.9	36.0	37.5	34.2	34.6	35.7	37.2	33.3	33.8	34.8	36.3	31.7	32.2	33.2	34.8	29.9	30.4	31.4	32.9	28.2	28.7	29.7	31.2
		S/T	1.00	0.83	0.69	0.5	1.00	0.84	0.70	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	1.00	0.7
		ΔT	30.40	28.69	25.49	22.2	30.36	28.64	25.44	22.1	30.60	28.88	25.68	22.4	30.34	28.62	25.42	22.1	30.11	28.39	25.19	21.9	31.18	29.47	26.27	22.9
		kW	2.23	2.23	2.22	2.2	2.51	2.51	2.50	2.5	2.82	2.82	2.82	2.8	3.16	3.16	3.15	3.2	3.54	3.54	3.53	3.6	3.98	3.98	3.97	4.0
		Amps	8.28	8.27	8.25	8.3	9.49	9.48	9.46	9.6	10.85	10.84	10.82	10.9	12.32	12.31	12.29	12.4	13.96	13.95	13.93	14.0	15.89	15.88	15.86	16.0
		Hi PR	269	270	272	277.0	312	313	315	319.5	356	357	359	364.0	404	405	407	411.9	456	457	459	463.5	511	512	514	518.7
		Lo PR	126	127	130	135.7	133	135	138	143.2	140	141	145	149.9	145	147	150	155.5	151	153	156	161.0	158	159	163	167.9
	1150	MBh	35.2	35.7	36.7	38.2	34.9	35.4	36.4	37.9	34.0	34.5	35.5	37.0	32.5	33.0	34.0	35.5	30.6	31.1	32.1	33.7	28.9	29.4	30.4	32.0
		S/T	1.00	0.96	0.82	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	28.44	26.72	23.52	20.2	28.39	26.68	23.47	20.2	28.63	26.92	23.71	20.4	28.37	26.66	23.46	20.1	28.14	26.43	23.23	19.9	29.22	27.50	24.30	21.0
		kW	2.26	2.26	2.25	2.3	2.54	2.54	2.53	2.6	2.85	2.85	2.84	2.9	3.19	3.19	3.18	3.2	3.57	3.56	3.56	3.6	4.01	4.01	4.00	4.0
		Amps	8.40	8.39	8.37	8.5	9.61	9.60	9.58	9.7	10.97	10.96	10.94	11.0	12.44	12.43	12.41	12.5	14.08	14.07	14.05	14.1	16.01	16.00	15.98	16.1
		Hi PR	273	275	276	281.2	316	317	319	323.6	360	362	363	368.1	408	409	411	416.0	460	461	463	467.7	515	516	518	522.8
		Lo PR	129	130	133	138.8	136	138	141	146.4	143	145	148	153.0	149	150	153	158.6	154	156	159	164.1	161	163	166	171.0
	1400	MBh	36.2	36.7	37.7	39.2	35.9	36.4	37.4	38.9	35.0	35.5	36.5	38.1	33.5	34.0	35.0	36.5	31.6	32.1	33.1	34.7	29.9	30.4	31.4	33.0
		S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.92	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	26.99	25.27	22.07	18.8	26.94	25.22	22.02	18.7	27.18	25.47	22.26	18.9	26.92	25.21	22.01	18.7	26.69	24.98	21.78	18.5	27.77	26.05	22.85	19.5
		kW	2.28	2.28	2.27	2.3	2.56	2.56	2.55	2.6	2.87	2.87	2.86	2.9	3.21	3.21	3.20	3.2	3.59	3.58	3.58	3.6	4.03	4.03	4.02	4.0
		Amps	8.49	8.48	8.45	8.5	9.70	9.69	9.67	9.8	11.06	11.05	11.03	11.1	12.53	12.52	12.50	12.6	14.17	14.16	14.14	14.2	16.10	16.09	16.07	16.2
		Hi PR	277	278	280	285.0	320	321	323	327.5	364	365	367	372.0	412	413	415	419.9	464	465	467	471.5	519	520	522	526.7
		Lo PR	132	134	137	142.5	140	142	145	150.1	147	148	151	156.7	152	154	157	162.3	158	159	163	167.8	165	166	169	174.7

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

			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	1500	MBh	47.3	48.0	49.4	-	46.9	47.6	49.0	-	45.6	46.3	47.7	-	43.5	44.2	45.6	-	40.9	41.6	43.0	-	38.6	39.2	40.6	-
		S/T	0.60	0.52	0.39	-	0.60	0.53	0.40	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-
		ΔT	18.54	16.83	13.62	-	18.49	16.78	13.58	-	18.73	17.02	13.82	-	18.48	16.76	13.56	-	18.25	16.53	13.33	-	19.32	17.61	14.40	-
		kW	3.14	3.13	3.13	-	3.52	3.52	3.51	-	3.95	3.95	3.94	-	4.41	4.41	4.40	-	4.93	4.93	4.92	-	5.54	5.53	5.53	-
		Amps	11.46	11.45	11.42	-	13.13	13.11	13.08	-	14.99	14.97	14.94	-	17.00	16.98	16.96	-	19.25	19.23	19.20	-	21.88	21.87	21.84	-
		Hi PR	274	276	277	-	318	319	321	-	363	364	366	-	412	413	415	-	464	466	468	-	521	522	524	-
		Lo PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-
	1600	MBh	47.9	48.6	50.0	-	47.5	48.2	49.6	-	46.3	46.9	48.4	-	44.1	44.8	46.2	-	41.5	42.2	43.6	-	39.2	39.8	41.3	-
		S/T	0.66	0.58	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.71	0.57	-
		ΔT	17.50	15.79	12.59	-	17.46	15.74	12.54	-	17.70	15.98	12.78	-	17.44	15.73	12.52	-	17.21	15.50	12.30	-	18.28	16.57	13.37	-
		kW	3.16	3.15	3.15	-	3.54	3.54	3.53	-	3.97	3.97	3.96	-	4.43	4.43	4.42	-	4.95	4.95	4.94	-	5.56	5.55	5.55	-
		Amps	11.55	11.53	11.51	-	13.21	13.20	13.17	-	15.07	15.06	15.03	-	17.08	17.07	17.04	-	19.33	19.32	19.29	-	21.97	21.96	21.93	-
		Hi PR	277	278	280	-	320	321	323	-	365	367	368	-	414	415	417	-	467	468	470	-	523	524	526	-
		Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	147	150	-	151	153	156	-	158	160	163	-
	1900	MBh	48.7	49.3	50.8	-	48.3	48.9	50.3	-	47.0	47.7	49.1	-	44.9	45.6	47.0	-	42.3	43.0	44.4	-	39.9	40.6	42.0	-
		S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	0.72	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.61	-
		ΔT	16.63	14.92	11.72	-	16.59	14.87	11.67	-	16.83	15.11	11.91	-	16.57	14.85	11.65	-	16.34	14.62	11.42	-	17.41	15.70	12.50	-
		kW	3.17	3.17	3.16	-	3.56	3.55	3.55	-	3.99	3.98	3.98	-	4.45	4.45	4.44	-	4.97	4.96	4.96	-	5.57	5.57	5.56	-
		Amps	11.62	11.61	11.58	-	13.29	13.27	13.24	-	15.14	15.13	15.10	-	17.16	17.14	17.12	-	19.41	19.39	19.36	-	22.04	22.03	22.00	-
		Hi PR	279	280	282	-	322	323	325	-	368	369	371	-	416	418	420	-	469	470	472	-	525	526	528	-
		Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	160	162	165	-
75	1500	MBh	47.3	48.0	49.4	51.6	46.9	47.6	49.0	51.2	45.7	46.3	47.8	49.9	43.6	44.2	45.6	47.8	41.0	41.6	43.0	45.2	38.6	39.3	40.7	42.8
		S/T	0.73	0.65	0.52	0.4	0.73	0.66	0.52	0.4	1.00	0.68	0.55	0.4	1.00	0.70	0.57	0.4	1.00	0.72	0.59	0.4	1.00	1.00	0.64	0.5
		ΔT	22.31	20.60	17.39	14.1	22.26	20.55	17.35	14.0	22.50	20.79	17.59	14.3	22.25	20.53	17.33	14.0	22.02	20.30	17.10	13.8	23.09	21.38	18.17	14.9
		kW	3.14	3.13	3.13	3.2	3.52	3.52	3.51	3.5	3.95	3.94	3.94	4.0	4.41	4.41	4.40	4.4	4.93	4.92	4.92	4.9	5.53	5.53	5.52	5.6
		Amps	11.45	11.44	11.41	11.5	13.12	13.10	13.07	13.2	14.97	14.96	14.93	15.1	16.99	16.97	16.95	17.1	19.24	19.22	19.19	19.3	21.87	21.86	21.83	22.0
		Hi PR	275	276	278	282.5	318	319	321	325.8	363	364	366	371.1	412	413	415	420.0	465	466	468	472.6	521	522	524	528.8
		Lo PR	124	126	129	134.2	132	133	136	141.7	138	140	143	148.4	144	146	149	154.0	149	151	154	159.4	156	158	161	166.3
	1600	MBh	48.0	48.6	50.0	52.2	47.5	48.2	49.6	51.8	46.3	47.0	48.4	50.5	44.2	**44.8**	46.3	48.4	41.6	42.2	43.7	45.8	39.2	39.9	41.3	43.4
		S/T	0.79	0.71	0.58	0.4	1.00	0.72	0.58	0.4	1.00	0.74	0.61	0.5	1.00	**0.76**	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.70	0.6
		ΔT	21.27	19.56	16.36	13.0	21.23	19.51	16.31	13.0	21.47	19.75	16.55	13.2	21.21	**19.50**	16.29	13.0	20.98	19.27	16.07	12.7	22.05	20.34	17.14	13.8
		kW	3.16	3.15	3.15	3.2	3.54	3.54	3.53	3.6	3.97	3.96	3.96	4.0	4.43	**4.43**	4.42	4.4	4.95	4.94	4.94	5.0	5.55	5.55	5.54	5.6
		Amps	11.54	11.52	11.49	11.6	13.20	13.19	13.16	13.3	15.06	15.05	15.02	15.1	17.07	**17.06**	17.03	17.2	19.32	19.31	19.28	19.4	21.96	21.95	21.92	22.0
		Hi PR	277	278	280	284.8	320	321	323	328.1	366	367	369	373.5	414	**416**	418	422.3	467	468	470	475.0	523	524	526	531.2
		Lo PR	126	128	131	136.0	134	135	138	143.6	140	142	145	150.2	146	**147**	150	155.8	151	153	156	161.3	158	160	163	168.1
	1900	MBh	48.7	49.4	50.8	52.9	48.3	48.9	50.4	52.5	47.0	47.7	49.1	51.3	44.9	45.6	47.0	49.2	42.3	43.0	44.4	46.6	40.0	40.6	42.0	44.2
		S/T	0.82	0.74	0.61	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.73	0.6
		ΔT	20.40	18.69	15.49	12.2	20.36	18.64	15.44	12.1	20.60	18.88	15.68	12.4	20.34	18.62	15.42	12.1	20.11	18.39	15.19	11.9	21.18	19.47	16.27	12.9
		kW	3.17	3.17	3.16	3.2	3.56	3.55	3.55	3.6	3.98	3.98	3.97	4.0	4.45	4.44	4.44	4.5	4.96	4.96	4.95	5.0	5.57	5.57	5.56	5.6
		Amps	11.61	11.60	11.57	11.7	13.27	13.26	13.23	13.4	15.13	15.12	15.09	15.2	17.15	17.13	17.10	17.2	19.39	19.38	19.35	19.5	22.03	22.02	21.99	22.1
		Hi PR	279	280	282	287.1	322	324	326	330.4	368	369	371	375.7	417	418	420	424.6	469	471	472	477.2	526	527	529	533.4
		Lo PR	128	130	133	138.0	136	137	140	145.6	142	144	147	152.2	148	149	153	157.8	153	155	158	163.3	160	162	165	170.2

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

			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	1500	MBh	47.6	48.2	49.7	51.8	47.2	47.8	49.2	51.4	45.9	46.6	48.0	50.2	43.8	44.5	45.9	48.0	41.2	41.9	43.3	45.4	38.8	39.5	40.9	43.1
		S/T	1.00	0.77	0.64	0.5	1.00	0.78	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
		ΔT	26.11	24.39	21.19	17.9	26.06	24.34	21.14	17.8	26.30	24.59	21.38	18.1	26.04	24.33	21.13	17.8	25.81	24.10	20.90	17.6	26.89	25.17	21.97	18.7
		kW	3.14	3.13	3.13	3.2	3.52	3.52	3.51	3.5	3.95	3.95	3.94	4.0	4.41	4.41	4.40	4.4	4.93	4.93	4.92	4.9	5.53	5.53	5.53	5.6
		Amps	11.46	11.45	11.42	11.5	13.12	13.11	13.08	13.2	14.98	14.97	14.94	15.1	17.00	16.98	16.95	17.1	19.24	19.23	19.20	19.3	21.88	21.87	21.84	22.0
		Hi PR	275	276	278	283.0	318	320	322	326.3	364	365	367	371.6	413	414	416	420.5	465	466	468	473.1	521	523	525	529.3
		Lo PR	125	126	129	134.7	132	134	137	142.3	139	140	144	148.9	145	146	149	154.5	150	152	155	160.0	157	158	162	166.9
	1600	MBh	48.2	48.9	50.3	52.4	47.8	48.4	49.9	52.0	46.5	47.2	48.6	50.8	44.4	45.1	**46.5**	48.7	41.8	42.5	43.9	46.1	39.4	40.1	41.5	43.7
		S/T	1.00	0.83	0.70	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	0.77	0.6	1.00	1.00	0.82	0.7
		ΔT	25.07	23.36	20.15	16.8	25.02	23.31	20.11	16.8	25.26	23.55	20.35	17.0	25.01	23.29	**20.09**	16.8	24.78	23.06	19.86	16.5	25.85	24.14	20.93	17.6
		kW	3.16	3.15	3.15	3.2	3.54	3.54	3.53	3.6	3.97	3.97	3.96	4.0	4.43	4.43	**4.42**	4.5	4.95	4.95	4.94	5.0	5.55	5.55	5.55	5.6
		Amps	11.54	11.53	11.50	11.6	13.21	13.20	13.17	13.3	15.07	15.06	15.03	15.2	17.08	17.07	**17.04**	17.2	19.33	19.32	19.29	19.4	21.97	21.96	21.93	22.1
		Hi PR	277	279	281	285.3	321	322	324	328.6	366	367	369	374.0	415	416	**418**	422.8	468	469	471	475.5	524	525	527	531.7
		Lo PR	127	128	131	136.6	134	136	139	144.1	141	142	145	150.7	146	148	**151**	156.3	152	153	157	161.8	159	160	163	168.7
	1900	MBh	48.9	49.6	51.0	53.2	48.5	49.2	50.6	52.8	47.3	48.0	49.4	51.5	45.2	45.8	47.2	49.4	42.6	43.2	44.6	46.8	40.2	40.9	42.3	44.4
		S/T	1.00	0.87	0.73	0.6	1.00	0.87	0.74	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7
		ΔT	24.20	22.48	19.28	16.0	24.15	22.44	19.24	15.9	24.39	22.68	19.48	16.2	24.13	22.42	19.22	15.9	23.90	22.19	18.99	15.7	24.98	23.26	20.06	16.7
		kW	3.17	3.17	3.16	3.2	3.56	3.55	3.55	3.6	3.98	3.98	3.98	4.0	4.45	4.44	4.44	4.5	4.96	4.96	4.96	5.0	5.57	5.57	5.56	5.6
		Amps	11.62	11.60	11.58	11.7	13.28	13.27	13.24	13.4	15.14	15.13	15.10	15.2	17.15	17.14	17.11	17.2	19.40	19.39	19.36	19.5	22.04	22.03	22.00	22.1
		Hi PR	280	281	283	287.6	323	324	326	330.9	368	370	371	376.2	417	418	420	425.1	470	471	473	477.7	526	527	529	533.9
		Lo PR	129	130	133	138.6	136	138	141	146.1	143	144	147	152.8	148	150	153	158.4	154	155	159	163.8	161	162	165	170.7
85	1500	MBh	48.4	49.0	50.5	52.6	48.0	48.6	50.0	52.2	46.7	47.4	48.8	51.0	44.6	45.3	46.7	48.8	42.0	42.7	44.1	46.2	39.6	40.3	41.7	43.9
		S/T	1.00	0.87	0.74	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	1.00	0.7
		ΔT	29.47	27.76	24.56	21.2	29.43	27.71	24.51	21.2	29.67	27.95	24.75	21.4	29.41	27.69	24.49	21.2	29.18	27.46	24.26	20.9	30.25	28.54	25.34	22.0
		kW	3.14	3.14	3.14	3.2	3.53	3.52	3.52	3.5	3.96	3.95	3.95	4.0	4.42	4.42	4.41	4.4	4.94	4.93	4.93	5.0	5.54	5.54	5.53	5.6
		Amps	11.49	11.48	11.45	11.6	13.16	13.14	13.11	13.2	15.02	15.00	14.97	15.1	17.03	17.01	16.99	17.1	19.28	19.26	19.23	19.4	21.91	21.90	21.87	22.0
		Hi PR	276	278	280	284.3	320	321	323	327.6	365	366	368	372.9	414	415	417	421.8	467	468	470	474.4	523	524	526	530.6
		Lo PR	127	128	131	136.6	134	136	139	144.2	141	142	145	150.8	146	148	151	156.4	152	153	157	161.9	159	160	163	168.7
	1700	MBh	49.0	49.7	51.1	53.2	48.6	49.2	50.7	52.8	47.3	48.0	49.4	51.6	45.2	45.9	47.3	49.5	42.6	43.3	44.7	46.9	40.2	40.9	42.3	44.5
		S/T	1.00	0.93	0.80	0.7	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	0.7	1.00	1.00	1.00	0.8
		ΔT	28.44	26.72	23.52	20.2	28.39	26.68	23.47	20.2	28.63	26.92	23.71	20.4	28.37	26.66	23.46	20.1	28.14	26.43	23.23	19.9	29.22	27.50	24.30	21.0
		kW	3.16	3.16	3.16	3.2	3.55	3.54	3.54	3.6	3.98	3.97	3.97	4.0	4.44	4.44	4.43	4.5	4.96	4.95	4.95	5.0	5.56	5.56	5.55	5.6
		Amps	11.58	11.56	11.54	11.7	13.24	13.23	13.20	13.3	15.10	15.09	15.06	15.2	17.11	17.10	17.07	17.2	19.36	19.35	19.32	19.4	22.00	21.99	21.96	22.1
		Hi PR	279	280	282	286.6	322	323	325	329.9	367	369	370	375.3	416	417	419	424.1	469	470	472	476.8	525	526	528	532.9
		Lo PR	128	130	133	138.4	136	138	141	146.0	143	144	147	152.6	148	150	153	158.2	154	155	158	163.7	161	162	165	170.6
	1900	MBh	49.7	50.4	51.8	54.0	49.3	50.0	51.4	53.6	48.1	48.8	50.2	52.3	46.0	46.6	48.0	50.2	43.4	44.0	45.4	47.6	41.0	41.7	43.1	45.2
		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	27.56	25.85	22.65	19.3	27.52	25.80	22.60	19.3	27.76	26.04	22.84	19.5	27.50	25.79	22.58	19.3	27.27	25.56	22.36	19.0	28.34	26.63	23.43	20.1
		kW	3.18	3.18	3.17	3.2	3.56	3.56	3.55	3.6	3.99	3.99	3.98	4.0	4.45	4.45	4.45	4.5	4.97	4.97	4.96	5.0	5.58	5.58	5.57	5.6
		Amps	11.65	11.64	11.61	11.7	13.31	13.30	13.27	13.4	15.17	15.16	15.13	15.3	17.19	17.17	17.15	17.3	19.43	19.42	19.39	19.5	22.07	22.06	22.03	22.2
		Hi PR	281	282	284	288.9	324	325	327	332.2	370	371	373	377.5	418	420	422	426.4	471	472	474	479.0	527	528	530	535.2
		Lo PR	130	132	135	140.4	138	140	143	148.0	145	146	149	154.6	150	152	155	160.2	156	157	160	165.7	163	164	167	172.6

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

			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	1100	MBh	40.1	40.6	41.8	-	39.7	40.3	41.5	-	38.7	39.2	40.4	-	36.9	37.4	38.6	-	34.6	35.2	36.4	-	32.6	33.2	34.4	-
		S/T	0.56	0.49	0.36	-	0.57	0.50	0.36	-	0.59	0.52	0.39	-	0.61	0.54	0.41	-	1.00	0.56	0.43	-	1.00	0.61	0.48	-
		ΔT	18.28	16.62	13.53	-	18.23	16.58	13.49	-	18.46	16.81	13.72	-	18.21	16.56	13.47	-	17.99	16.34	13.25	-	19.03	17.37	14.28	-
		kW	2.32	2.32	2.32	-	2.61	2.61	2.60	-	2.93	2.93	2.92	-	3.28	3.27	3.27	-	3.66	3.66	3.66	-	4.12	4.12	4.11	-
		Amps	8.38	8.37	8.35	-	9.62	9.61	9.59	-	11.02	11.01	10.99	-	12.53	12.52	12.49	-	14.21	14.20	14.18	-	16.19	16.18	16.15	-
		Hi PR	267	268	270	-	309	310	312	-	353	354	356	-	401	402	404	-	452	453	455	-	507	508	510	-
		Lo PR	123	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	157	160	-
	1320	MBh	40.8	41.3	42.5	-	40.4	41.0	42.2	-	39.4	39.9	41.1	-	37.5	38.1	39.3	-	35.3	35.9	37.1	-	33.3	33.9	35.1	-
		S/T	0.65	0.57	0.44	-	0.65	0.58	0.45	-	0.68	0.60	0.47	-	1.00	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
		ΔT	16.89	15.24	12.15	-	16.85	15.19	12.10	-	17.08	15.42	12.34	-	16.83	15.18	12.09	-	16.61	14.95	11.86	-	17.64	15.99	12.90	-
		kW	2.34	2.34	2.34	-	2.63	2.63	2.62	-	2.95	2.95	2.94	-	3.30	3.29	3.29	-	3.68	3.68	3.68	-	4.14	4.14	4.13	-
		Amps	8.47	8.46	8.44	-	9.71	9.70	9.68	-	11.11	11.10	11.08	-	12.62	12.61	12.58	-	14.30	14.29	14.27	-	16.28	16.27	16.24	-
		Hi PR	270	271	273	-	312	313	315	-	356	357	359	-	404	405	407	-	455	456	458	-	510	511	513	-
		Lo PR	125	127	130	-	133	134	138	-	140	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-
	1600	MBh	41.9	42.5	43.7	-	41.6	42.1	43.3	-	40.5	41.1	42.3	-	38.7	39.3	40.5	-	36.5	37.1	38.3	-	34.5	35.0	36.2	-
		S/T	0.69	0.62	0.49	-	0.70	0.62	0.49	-	1.00	0.65	0.52	-	1.00	0.67	0.53	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-
		ΔT	15.52	13.87	10.78	-	15.48	13.82	10.73	-	15.71	14.06	10.97	-	15.46	13.81	10.72	-	15.24	13.59	10.50	-	16.28	14.62	11.53	-
		kW	2.36	2.36	2.36	-	2.65	2.65	2.64	-	2.97	2.97	2.96	-	3.32	3.32	3.31	-	3.70	3.70	3.70	-	4.16	4.16	4.15	-
		Amps	8.55	8.54	8.52	-	9.80	9.79	9.77	-	11.20	11.19	11.16	-	12.70	12.69	12.67	-	14.39	14.38	14.36	-	16.36	16.35	16.33	-
		Hi PR	274	275	277	-	316	317	319	-	360	361	363	-	408	409	411	-	459	460	462	-	514	515	517	-
		Lo PR	129	131	134	-	137	138	141	-	143	145	148	-	149	150	153	-	154	156	159	-	161	163	166	-
75	1100	MBh	40.1	40.7	41.9	43.7	39.7	40.3	41.5	43.3	38.7	39.3	40.5	42.3	36.9	37.4	38.7	40.5	34.7	35.2	36.4	38.3	32.7	33.2	34.4	36.3
		S/T	0.69	0.62	0.48	0.3	0.70	0.62	0.49	0.4	1.00	0.65	0.51	0.4	1.00	0.67	0.53	0.4	1.00	0.69	0.55	0.4	1.00	1.00	0.60	0.5
		ΔT	21.91	20.26	17.17	14.0	21.87	20.21	17.12	13.9	22.10	20.45	17.36	14.2	21.85	20.20	17.11	13.9	21.63	19.98	16.89	13.7	22.67	21.01	17.92	14.7
		kW	2.32	2.32	2.31	2.3	2.61	2.61	2.60	2.6	2.93	2.93	2.92	2.9	3.27	3.27	3.27	3.3	3.66	3.66	3.65	3.7	4.12	4.11	4.11	4.1
		Amps	8.37	8.36	8.34	8.4	9.62	9.61	9.59	9.7	11.01	11.00	10.98	11.1	12.52	12.51	12.49	12.6	14.20	14.19	14.17	14.3	16.18	16.17	16.15	16.2
		Hi PR	267	268	270	274.7	309	310	312	316.9	353	355	356	361.1	401	402	404	408.7	452	454	455	460.1	507	508	510	514.9
		Lo PR	123	125	128	133.0	131	132	135	140.5	137	139	142	147.1	143	144	147	152.7	148	150	153	158.2	155	157	160	165.0
	1320	MBh	40.8	41.4	42.6	44.4	40.4	41.0	42.2	44.0	39.4	39.9	41.1	43.0	37.6	**38.1**	39.3	41.2	35.4	35.9	37.1	39.0	33.3	33.9	35.1	36.9
		S/T	0.77	0.70	0.57	0.4	0.78	0.71	0.57	0.4	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	0.69	0.5
		ΔT	20.53	18.88	15.79	12.6	20.48	18.83	15.74	12.5	20.72	19.06	15.97	12.8	20.47	**18.81**	15.72	12.5	20.25	18.59	15.50	12.3	21.28	19.63	16.54	13.3
		kW	2.34	2.34	2.33	2.4	2.63	2.63	2.62	2.6	2.95	2.95	2.94	3.0	3.30	**3.29**	3.29	3.3	3.68	3.68	3.68	3.7	4.14	4.13	4.13	4.2
		Amps	8.46	8.45	8.43	8.5	9.71	9.70	9.68	9.8	11.10	11.09	11.07	11.2	12.61	**12.60**	12.58	12.7	14.29	14.28	14.26	14.4	16.27	16.26	16.24	16.3
		Hi PR	270	271	273	277.7	312	313	315	319.9	356	358	360	364.2	404	**405**	407	411.8	455	457	458	463.1	510	511	513	517.9
		Lo PR	125	127	130	135.4	133	135	138	142.9	140	141	144	149.5	145	**147**	150	155.1	151	152	155	160.6	157	159	162	167.4
	1600	MBh	41.9	42.5	43.7	45.5	41.6	42.1	43.3	45.2	40.5	41.1	42.3	44.1	38.7	39.3	40.5	42.3	36.5	37.1	38.3	40.1	34.5	35.1	36.3	38.1
		S/T	0.82	0.74	0.61	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.73	0.6
		ΔT	19.16	17.51	14.42	11.2	19.12	17.46	14.37	11.2	19.35	17.69	14.60	11.4	19.10	17.44	14.35	11.2	18.88	17.22	14.13	10.9	19.91	18.26	15.17	12.0
		kW	2.36	2.36	2.35	2.4	2.65	2.65	2.64	2.7	2.97	2.97	2.96	3.0	3.32	3.31	3.31	3.3	3.70	3.70	3.70	3.7	4.16	4.16	4.15	4.2
		Amps	8.55	8.54	8.52	8.6	9.79	9.78	9.76	9.9	11.19	11.18	11.16	11.3	12.70	12.69	12.66	12.8	14.38	14.37	14.35	14.4	16.36	16.35	16.32	16.4
		Hi PR	274	275	277	281.5	316	317	319	323.7	360	361	363	367.9	408	409	411	415.6	459	460	462	466.9	514	515	517	521.7
		Lo PR	129	131	134	139.0	137	138	141	146.5	143	145	148	153.1	149	150	153	158.7	154	156	159	164.1	161	163	166	171.0

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

			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	1100	MBh	40.3	40.9	42.1	43.9	39.9	40.5	41.7	43.6	38.9	39.5	40.7	42.5	37.1	37.7	38.9	40.7	34.9	35.4	36.7	38.5	32.9	33.4	34.6	36.5
		S/T	1.00	0.74	0.61	0.5	1.00	0.74	0.61	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.73	0.6
		ΔT	25.58	23.92	20.83	17.6	25.53	23.88	20.79	17.6	25.76	24.11	21.02	17.8	25.51	23.86	20.77	17.6	25.29	23.64	20.55	17.3	26.33	24.67	21.59	18.4
		kW	2.32	2.32	2.31	2.3	2.61	2.61	2.60	2.6	2.93	2.93	2.92	2.9	3.28	3.27	3.27	3.3	3.66	3.66	3.66	3.7	4.12	4.12	4.11	4.1
		Amps	8.38	8.37	8.34	8.4	9.62	9.61	9.59	9.7	11.02	11.01	10.99	11.1	12.52	12.51	12.49	12.6	14.21	14.20	14.18	14.3	16.18	16.17	16.15	16.2
		Hi PR	267	269	270	275.2	310	311	313	317.4	354	355	357	361.6	402	403	405	409.2	453	454	456	460.6	508	509	511	515.3
		Lo PR	124	125	128	133.6	131	133	136	141.1	138	139	142	147.7	143	145	148	153.2	149	150	153	158.7	156	157	160	165.5
	1320	MBh	41.0	41.6	42.8	44.6	40.6	41.2	42.4	44.2	39.6	40.2	41.4	43.2	37.8	38.3	**39.5**	41.4	35.6	36.1	37.3	39.2	33.5	34.1	35.3	37.2
		S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.6	1.00	0.85	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	24.19	22.54	19.45	16.2	24.15	22.49	19.40	16.2	24.38	22.73	19.64	16.4	24.13	22.48	**19.39**	16.2	23.91	22.26	19.17	16.0	24.95	23.29	20.20	17.0
		kW	2.34	2.34	2.34	2.4	2.63	2.63	2.62	2.6	2.95	2.95	2.94	3.0	3.30	3.29	**3.29**	3.3	3.68	3.68	3.68	3.7	4.14	4.14	4.13	4.2
		Amps	8.46	8.46	8.43	8.5	9.71	9.70	9.68	9.8	11.11	11.10	11.07	11.2	12.61	12.60	**12.58**	12.7	14.30	14.29	14.27	14.4	16.27	16.26	16.24	16.3
		Hi PR	271	272	274	278.2	313	314	316	320.4	357	358	360	364.7	405	406	**408**	412.3	456	457	459	463.6	511	512	514	518.4
		Lo PR	126	128	131	136.0	134	135	138	143.5	140	142	145	150.1	146	147	**150**	155.6	151	153	156	161.1	158	160	163	167.9
	1600	MBh	42.1	42.7	43.9	45.8	41.8	42.4	43.6	45.4	40.7	41.3	42.5	44.3	38.9	39.5	40.7	42.5	36.7	37.3	38.5	40.3	34.7	35.3	36.5	38.3
		S/T	1.00	0.87	0.73	0.6	1.00	0.87	0.74	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.7
		ΔT	22.82	21.17	18.08	14.9	22.78	21.12	18.03	14.8	23.01	21.36	18.27	15.1	22.76	21.11	18.02	14.8	22.54	20.89	17.80	14.6	23.58	21.92	18.83	15.6
		kW	2.36	2.36	2.36	2.4	2.65	2.65	2.64	2.7	2.97	2.97	2.96	3.0	3.32	3.31	3.31	3.3	3.70	3.70	3.70	3.7	4.16	4.16	4.15	4.2
		Amps	8.55	8.54	8.52	8.6	9.80	9.79	9.77	9.9	11.19	11.18	11.16	11.3	12.70	12.69	12.67	12.8	14.39	14.38	14.35	14.5	16.36	16.35	16.33	16.4
		Hi PR	274	275	277	282.0	317	318	320	324.2	361	362	364	368.4	408	410	411	416.1	460	461	463	467.4	514	516	518	522.2
		Lo PR	130	131	134	139.5	137	139	142	147.1	144	145	148	153.6	149	151	154	159.2	155	156	159	164.7	162	163	166	171.5
85	1100	MBh	41.0	41.6	42.8	44.6	40.6	41.2	42.4	44.2	39.6	40.1	41.3	43.2	37.8	38.3	39.5	41.4	35.6	36.1	37.3	39.2	33.5	34.1	35.3	37.1
		S/T	1.00	0.84	0.70	0.6	1.00	0.84	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.78	0.6	1.00	1.00	1.00	0.7
		ΔT	28.83	27.17	24.08	20.9	28.78	27.13	24.04	20.8	29.01	27.36	24.27	21.1	28.76	27.11	24.02	20.8	28.54	26.89	23.80	20.6	29.58	27.92	24.83	21.6
		kW	2.33	2.33	2.32	2.3	2.61	2.61	2.61	2.6	2.93	2.93	2.93	2.9	3.28	3.28	3.27	3.3	3.67	3.67	3.66	3.7	4.12	4.12	4.12	4.1
		Amps	8.40	8.39	8.37	8.5	9.65	9.64	9.62	9.7	11.04	11.03	11.01	11.1	12.55	12.54	12.52	12.6	14.23	14.22	14.20	14.3	16.21	16.20	16.18	16.3
		Hi PR	269	270	272	276.4	311	312	314	318.6	355	356	358	362.8	403	404	406	410.5	454	455	457	461.8	509	510	512	516.6
		Lo PR	125	127	130	135.4	133	135	138	142.9	140	141	144	149.5	145	147	150	155.1	151	152	155	160.6	157	159	162	167.4
	1320	MBh	41.7	42.2	43.4	45.3	41.3	41.9	43.1	44.9	40.3	40.8	42.0	43.9	38.5	39.0	40.2	42.1	36.2	36.8	38.0	39.8	34.2	34.8	36.0	37.8
		S/T	1.00	0.92	0.79	0.6	1.00	1.00	0.79	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	0.8
		ΔT	27.44	25.79	22.70	19.5	27.40	25.74	22.65	19.5	27.63	25.97	22.88	19.7	27.38	25.72	22.64	19.4	27.16	25.50	22.41	19.2	28.19	26.54	23.45	20.2
		kW	2.35	2.35	2.34	2.4	2.64	2.63	2.63	2.6	2.96	2.95	2.95	3.0	3.30	3.30	3.30	3.3	3.69	3.69	3.68	3.7	4.14	4.14	4.14	4.2
		Amps	8.49	8.48	8.46	8.6	9.74	9.73	9.71	9.8	11.13	11.12	11.10	11.2	12.64	12.63	12.61	12.7	14.32	14.31	14.29	14.4	16.30	16.29	16.27	16.4
		Hi PR	272	273	275	279.5	314	315	317	321.7	358	359	361	365.9	406	407	409	413.5	457	458	460	464.9	512	513	515	519.7
		Lo PR	128	129	133	137.8	135	137	140	145.3	142	144	147	151.9	148	149	152	157.5	153	155	158	163.0	160	161	165	169.8
	1600	MBh	42.8	43.4	44.6	46.4	42.5	43.0	44.2	46.1	41.4	42.0	43.2	45.0	39.6	40.2	41.4	43.2	37.4	38.0	39.2	41.0	35.4	35.9	37.1	39.0
		S/T	1.00	0.96	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	26.07	24.42	21.33	18.1	26.03	24.37	21.28	18.1	26.26	24.61	21.52	18.3	26.01	24.36	21.27	18.1	25.79	24.13	21.05	17.8	26.83	25.17	22.08	18.9
		kW	2.37	2.37	2.36	2.4	2.66	2.65	2.65	2.7	2.98	2.97	2.97	3.0	3.32	3.32	3.32	3.3	3.71	3.71	3.70	3.7	4.16	4.16	4.16	4.2
		Amps	8.58	8.57	8.55	8.6	9.82	9.82	9.79	9.9	11.22	11.21	11.19	11.3	12.73	12.72	12.69	12.8	14.41	14.40	14.38	14.5	16.39	16.38	16.35	16.5
		Hi PR	276	277	279	283.3	318	319	321	325.5	362	363	365	369.7	410	411	413	417.3	461	462	464	468.7	516	517	519	523.5
		Lo PR	131	133	136	141.4	139	140	144	148.9	146	147	150	155.5	151	153	156	161.1	157	158	161	166.5	163	165	168	173.4

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

			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	1500	MBh	56.2	57.0	58.6	-	55.7	56.5	58.1	-	54.2	55.0	56.7	-	51.7	52.5	54.2	-	48.6	49.4	51.1	-	45.8	46.6	48.3	-
		S/T	0.60	0.52	0.39	-	0.60	0.53	0.40	-	0.63	0.55	0.42	-	0.64	0.57	0.44	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-
		ΔT	18.19	16.48	13.28	-	18.15	16.43	13.23	-	18.39	16.67	13.47	-	18.13	16.41	13.21	-	17.90	16.18	12.98	-	18.97	17.26	14.06	-
		kW	3.71	3.71	3.70	-	4.17	4.16	4.15	-	4.67	4.67	4.66	-	5.23	5.22	5.21	-	5.84	5.84	5.83	-	6.56	6.56	6.55	-
		Amps	13.39	13.38	13.34	-	15.38	15.36	15.33	-	17.59	17.58	17.54	-	19.99	19.97	19.94	-	22.67	22.65	22.62	-	25.81	25.79	25.76	-
		Hi PR	281	282	284	-	325	326	328	-	371	372	374	-	421	422	424	-	475	476	478	-	532	533	535	-
		Lo PR	121	122	125	-	128	130	133	-	135	136	139	-	140	141	144	-	145	147	150	-	152	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	0.63	0.56	0.43	-	0.64	0.57	0.44	-	0.66	0.59	0.46	-	0.68	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-
		ΔT	17.50	15.79	12.59	-	17.46	15.74	12.54	-	17.70	15.98	12.78	-	17.44	15.73	12.52	-	17.21	15.50	12.30	-	18.28	16.57	13.37	-
		kW	3.72	3.72	3.71	-	4.18	4.18	4.17	-	4.69	4.69	4.68	-	5.24	5.24	5.23	-	5.86	5.85	5.85	-	6.58	6.58	6.57	-
		Amps	13.46	13.44	13.41	-	15.44	15.43	15.39	-	17.66	17.64	17.61	-	20.06	20.04	20.01	-	22.73	22.72	22.68	-	25.88	25.86	25.83	-
		Hi PR	282	283	285	-	326	328	330	-	373	374	376	-	422	424	426	-	476	477	479	-	533	535	537	-
		Lo PR	122	124	127	-	129	131	134	-	136	137	140	-	141	143	146	-	146	148	151	-	153	155	158	-
	1900	MBh	57.3	58.1	59.7	-	56.8	57.6	59.2	-	55.3	56.1	57.8	-	52.8	53.6	55.3	-	49.7	50.5	52.2	-	46.9	47.7	49.4	-
		S/T	0.66	0.58	0.46	-	0.66	0.59	0.46	-	0.69	0.61	0.48	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.70	0.57	-
		ΔT	16.89	15.18	11.98	-	16.85	15.13	11.93	-	17.09	15.37	12.17	-	16.83	15.11	11.91	-	16.60	14.89	11.68	-	17.67	15.96	12.76	-
		kW	3.74	3.74	3.73	-	4.20	4.19	4.18	-	4.70	4.70	4.69	-	5.26	5.25	5.24	-	5.87	5.87	5.86	-	6.59	6.59	6.58	-
		Amps	13.52	13.51	13.47	-	15.50	15.49	15.46	-	17.72	17.70	17.67	-	20.12	20.10	20.07	-	22.79	22.78	22.74	-	25.94	25.92	25.89	-
		Hi PR	284	285	287	-	328	329	331	-	374	375	377	-	424	425	427	-	478	479	481	-	535	536	538	-
		Lo PR	123	125	128	-	131	132	135	-	137	139	142	-	142	144	147	-	148	149	152	-	154	156	159	-
75	1500	MBh	56.2	57.0	58.7	61.2	55.7	56.5	58.2	60.7	54.2	55.0	56.7	59.3	51.7	52.5	54.2	56.7	48.7	49.4	51.1	53.7	45.9	46.6	48.3	50.9
		S/T	0.72	0.65	0.52	0.4	0.72	0.65	0.52	0.4	1.00	0.68	0.55	0.4	1.00	0.69	0.57	0.4	1.00	0.71	0.59	0.5	1.00	0.76	0.64	0.5
		ΔT	21.96	20.25	17.05	13.7	21.92	20.20	17.00	13.7	22.16	20.44	17.24	13.9	21.90	20.18	16.98	13.7	21.67	19.95	16.75	13.4	22.74	21.03	17.83	14.5
		kW	3.71	3.70	3.69	3.7	4.16	4.16	4.15	4.2	4.67	4.67	4.66	4.7	5.22	5.22	5.21	5.2	5.84	5.84	5.83	5.9	6.56	6.56	6.55	6.6
		Amps	13.38	13.36	13.33	13.5	15.36	15.35	15.31	15.5	17.58	17.56	17.53	17.7	19.97	19.96	19.93	20.1	22.65	22.64	22.60	22.8	25.79	25.78	25.74	25.9
		Hi PR	281	282	284	288.9	325	326	328	333.1	371	372	374	379.3	421	422	424	429.1	475	476	478	482.8	532	533	535	540.2
		Lo PR	121	122	125	130.5	128	130	133	137.8	135	136	139	144.2	140	141	145	149.6	145	147	150	155.0	152	153	156	161.6
	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	0.75	0.68	0.55	0.4	0.76	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	**0.73**	0.60	0.5	1.00	0.75	0.62	0.5	1.00	1.00	0.67	0.5
		ΔT	21.27	19.56	16.36	13.0	21.23	19.51	16.31	13.0	21.47	19.75	16.55	13.2	21.21	**19.50**	16.29	13.0	20.98	19.27	16.07	12.7	22.05	20.34	17.14	13.8
		kW	3.72	3.72	3.71	3.7	4.18	4.17	4.17	4.2	4.69	4.68	4.68	4.7	5.24	**5.24**	5.23	5.3	5.85	5.85	5.84	5.9	6.58	6.57	6.57	6.6
		Amps	13.45	13.43	13.40	13.5	15.43	15.42	15.38	15.5	17.65	17.63	17.60	17.7	20.04	**20.03**	19.99	20.1	22.72	22.71	22.67	22.8	25.86	25.85	25.81	26.0
		Hi PR	282	284	286	290.5	327	328	330	334.7	373	374	376	380.9	423	**424**	426	430.7	476	478	480	484.5	534	535	537	541.8
		Lo PR	122	124	127	131.7	129	131	134	139.0	136	137	140	145.4	141	**143**	146	150.9	147	148	151	156.2	153	155	158	162.8
	1900	MBh	57.3	58.1	59.8	62.3	56.8	57.6	59.3	61.8	55.3	56.1	57.8	60.4	52.8	53.6	55.3	57.9	49.8	50.6	52.2	54.8	47.0	47.7	49.4	52.0
		S/T	0.78	0.71	0.58	0.4	0.78	0.71	0.58	0.4	1.00	0.74	0.61	0.5	1.00	0.75	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.70	0.6
		ΔT	20.66	18.95	15.75	12.4	20.62	18.90	15.70	12.4	20.86	19.14	15.94	12.6	20.60	18.88	15.68	12.4	20.37	18.66	15.45	12.1	21.44	19.73	16.53	13.2
		kW	3.74	3.73	3.72	3.8	4.19	4.19	4.18	4.2	4.70	4.70	4.69	4.7	5.25	5.25	5.24	5.3	5.87	5.87	5.86	5.9	6.59	6.59	6.58	6.6
		Amps	13.51	13.49	13.46	13.6	15.49	15.48	15.44	15.6	17.71	17.69	17.66	17.8	20.10	20.09	20.05	20.2	22.78	22.77	22.73	22.9	25.92	25.91	25.87	26.0
		Hi PR	284	285	287	292.1	328	329	331	336.3	374	376	378	382.5	424	425	427	432.3	478	479	481	486.0	535	537	538	543.3
		Lo PR	123	125	128	133.0	131	132	135	140.4	137	139	142	146.8	143	144	147	152.2	148	149	152	157.5	154	156	159	164.2

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

			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	1500	MBh	56.5	57.3	59.0	61.5	56.0	56.8	58.5	61.0	54.5	55.3	57.0	59.5	52.0	52.8	54.5	57.0	48.9	49.7	51.4	54.0	46.1	46.9	48.6	51.2
		S/T	0.84	0.76	0.64	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.67	0.5	1.00	0.81	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.75	0.6
		ΔT	25.76	24.04	20.84	17.5	25.71	24.00	20.79	17.5	25.95	24.24	21.04	17.7	25.69	23.98	20.78	17.5	25.46	23.75	20.55	17.2	26.54	24.82	21.62	18.3
		kW	3.71	3.70	3.70	3.7	4.16	4.16	4.15	4.2	4.67	4.67	4.66	4.7	5.23	5.22	5.21	5.2	5.84	5.84	5.83	5.9	6.56	6.56	6.55	6.6
		Amps	13.39	13.37	13.34	13.5	15.37	15.36	15.32	15.5	17.59	17.57	17.54	17.7	19.99	19.97	19.94	20.1	22.66	22.65	22.61	22.8	25.80	25.79	25.76	25.9
		Hi PR	281	283	285	289.4	326	327	329	333.6	372	373	375	379.8	422	423	425	429.6	475	477	478	483.4	533	534	536	540.7
		Lo PR	121	123	126	131.0	129	130	133	138.3	135	137	140	144.7	140	142	145	150.2	146	147	150	155.5	152	154	157	162.1
	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	0.80	0.67	0.5	1.00	0.81	0.68	0.5	1.00	0.83	0.70	0.6	1.00	0.85	**0.72**	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.7
		ΔT	25.07	23.36	20.15	16.8	25.02	23.31	20.11	16.8	25.26	23.55	20.35	17.0	25.01	23.29	**20.09**	16.8	24.78	23.06	19.86	16.5	25.85	24.14	20.93	17.6
		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	5.24	5.24	**5.23**	5.3	5.86	5.85	5.85	5.9	6.58	6.58	6.57	6.6
		Amps	13.46	13.44	13.41	13.6	15.44	15.43	15.39	15.5	17.66	17.64	17.61	17.8	20.05	20.04	**20.00**	20.2	22.73	22.72	22.68	22.8	25.87	25.86	25.82	26.0
		Hi PR	283	284	286	291.0	327	328	330	335.2	373	375	377	381.4	423	424	**426**	431.3	477	478	480	485.0	534	535	537	542.3
		Lo PR	123	124	127	132.3	130	131	134	139.6	136	138	141	146.0	142	143	**146**	151.4	147	149	152	156.7	154	155	158	163.4
	1900	MBh	57.6	58.4	60.1	62.6	57.1	57.9	59.6	62.1	55.6	56.4	58.1	60.7	53.1	53.9	55.6	58.1	50.1	50.8	52.5	55.1	47.2	48.0	49.7	52.3
		S/T	1.00	0.83	0.70	0.6	1.00	0.83	0.70	0.6	1.00	0.85	0.73	0.6	1.00	0.87	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.81	0.7
		ΔT	24.46	22.74	19.54	16.2	24.41	22.70	19.50	16.2	24.65	22.94	19.74	16.4	24.39	22.68	19.48	16.2	24.17	22.45	19.25	15.9	25.24	23.52	20.32	17.0
		kW	3.74	3.73	3.73	3.8	4.19	4.19	4.18	4.2	4.70	4.70	4.69	4.7	5.26	5.25	5.24	5.3	5.87	5.87	5.86	5.9	6.59	6.59	6.58	6.6
		Amps	13.52	13.50	13.47	13.6	15.50	15.49	15.45	15.6	17.72	17.70	17.67	17.8	20.11	20.10	20.06	20.2	22.79	22.78	22.74	22.9	25.93	25.92	25.88	26.0
		Hi PR	285	286	288	292.6	329	330	332	336.8	375	376	378	383.0	425	426	428	432.8	478	480	482	486.5	536	537	539	543.9
		Lo PR	124	125	128	133.6	131	133	136	140.9	138	139	142	147.3	143	145	148	152.7	148	150	153	158.0	155	157	160	164.7
85	1500	MBh	57.4	58.2	59.9	62.5	56.9	57.7	59.4	62.0	55.5	56.3	57.9	60.5	53.0	53.8	55.4	58.0	49.9	50.7	52.4	54.9	47.1	47.9	49.5	52.1
		S/T	1.00	0.86	0.73	0.6	1.00	0.87	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	1.00	0.7
		ΔT	29.12	27.41	24.21	20.9	29.08	27.36	24.16	20.8	29.32	27.60	24.40	21.1	29.06	27.35	24.14	20.8	28.83	27.12	23.91	20.6	29.90	28.19	24.99	21.7
		kW	3.72	3.71	3.71	3.7	4.17	4.17	4.16	4.2	4.68	4.68	4.67	4.7	5.23	5.23	5.22	5.3	5.85	5.85	5.84	5.9	6.57	6.57	6.56	6.6
		Amps	13.43	13.41	13.38	13.5	15.41	15.40	15.36	15.5	17.63	17.61	17.58	17.7	20.02	20.01	19.97	20.1	22.70	22.69	22.65	22.8	25.84	25.83	25.79	25.9
		Hi PR	283	284	286	290.7	327	328	330	334.9	373	374	376	381.2	423	424	426	431.0	477	478	480	484.7	534	535	537	542.0
		Lo PR	123	125	128	132.8	130	132	135	140.1	137	138	141	146.6	142	144	147	152.0	148	149	152	157.3	154	156	159	163.9
	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	0.90	0.77	0.6	1.00	0.90	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.8
		ΔT	28.44	26.72	23.52	20.2	28.39	26.68	23.47	20.2	28.63	26.92	23.71	20.4	28.37	26.66	23.46	20.1	28.14	26.43	23.23	19.9	29.22	27.50	24.30	21.0
		kW	3.73	3.73	3.72	3.8	4.19	4.19	4.18	4.2	4.70	4.70	4.69	4.7	5.25	5.25	5.24	5.3	5.87	5.86	5.85	5.9	6.59	6.58	6.58	6.6
		Amps	13.50	13.48	13.45	13.6	15.48	15.46	15.43	15.6	17.69	17.68	17.64	17.8	20.09	20.08	20.04	20.2	22.77	22.75	22.72	22.9	25.91	25.90	25.86	26.0
		Hi PR	284	286	287	292.3	328	330	332	336.5	375	376	378	382.8	425	426	428	432.6	478	479	481	486.3	536	537	539	543.6
		Lo PR	124	126	129	134.1	132	133	136	141.4	138	140	143	147.8	144	145	148	153.2	149	150	153	158.5	156	157	160	165.2
	1900	MBh	58.5	59.3	61.0	63.6	58.0	58.8	60.5	63.1	56.6	57.4	59.0	61.6	54.1	54.9	56.5	59.1	51.0	51.8	53.5	56.0	48.2	49.0	50.7	53.2
		S/T	1.00	0.92	0.79	0.7	1.00	0.93	0.80	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	0.8
		ΔT	27.83	26.11	22.91	19.6	27.78	26.06	22.86	19.5	28.02	26.31	23.10	19.8	27.76	26.05	22.85	19.5	27.53	25.82	22.62	19.3	28.61	26.89	23.69	20.4
		kW	3.75	3.74	3.74	3.8	4.20	4.20	4.19	4.2	4.71	4.71	4.70	4.7	5.26	5.26	5.25	5.3	5.88	5.88	5.87	5.9	6.60	6.60	6.59	6.6
		Amps	13.56	13.54	13.51	13.7	15.54	15.52	15.49	15.6	17.75	17.74	17.71	17.9	20.15	20.14	20.10	20.3	22.83	22.81	22.78	22.9	25.97	25.96	25.92	26.1
		Hi PR	286	287	289	293.9	330	331	333	338.1	376	378	379	384.3	426	427	429	434.2	480	481	483	487.9	537	538	540	545.2
		Lo PR	126	127	130	135.4	133	135	138	142.7	139	141	144	149.1	145	146	149	154.5	150	152	155	159.8	157	158	161	166.5

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = Unit amps (Comp.+ Evaporator + Condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings

kW = Total system power

DP3HM363* **100 % CAPACITY**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5		-5
MBh	41.71	38.85	36.00	33.19	31.40	30.02	26.57	23.46	20.92	19.01	17.57	16.80	15.83	13.39	10.96	8.53	6.09
T/R	32.34	30.38	28.42	26.46	25.28	24.17	21.39	18.89	16.84	15.31	14.15	13.53	12.74	10.78	8.82	6.86	4.91
KW	2.66	2.61	2.57	2.53	2.50	2.48	2.44	2.40	2.35	2.31	2.26	2.24	2.22	2.18	2.13	2.09	2.05
AMPS	9.7	9.5	9.4	9.2	9.0	9.0	8.8	8.6	8.4	8.2	8.0	7.9	7.8	7.6	7.4	7.3	7.1
COP	4.60	4.36	4.10	3.85	3.68	3.54	3.19	2.87	2.61	2.41	2.27	2.20	2.09	1.80	1.51	1.20	0.87
Hi PR	371	359	347	335	328	323	311	299	287	275	263	255	251	239	226	214	202
LO PR	132	124	116	108	103	99	91	83	75	66	58	53	50	42	33	25	17

DP3HM483* **100 % CAPACITY**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5		-5
MBh	59.99	55.93	51.93	48.01	45.50	43.59	38.82	34.46	30.91	28.26	26.27	25.20	23.85	20.46	17.08	13.70	10.31
T/R	33.38	31.42	29.47	27.51	26.33	25.23	22.46	19.94	17.89	16.35	15.20	14.58	13.80	11.84	9.88	7.93	5.97
KW	4.28	4.18	4.08	3.98	3.92	3.88	3.78	3.68	3.58	3.49	3.39	3.33	3.29	3.19	3.09	2.99	2.89
AMPS	16.1	15.6	15.2	14.8	14.5	14.3	13.9	13.5	13.0	12.6	12.2	11.9	11.8	11.3	10.9	10.5	10.0
COP	4.11	3.92	3.73	3.53	3.40	3.29	3.01	2.74	2.53	2.38	2.27	2.22	2.13	1.88	1.62	1.34	1.05
Hi PR	412	399	386	372	364	359	345	332	318	305	292	284	278	265	251	238	225
LO PR	131	123	115	107	102	99	91	82	74	66	58	53	50	41	33	25	17

DP3HM603* **100 % CAPACITY**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5		-5
MBh	68.76	64.64	60.57	56.58	54.00	52.13	47.48	43.05	39.41	36.75	34.83	33.80	32.45	29.09	25.72	22.35	18.99
T/R	34.99	33.21	31.42	29.64	28.57	27.62	25.12	22.78	20.85	19.45	18.43	17.88	17.17	15.39	13.61	11.83	10.04
KW	4.74	4.68	4.62	4.56	4.52	4.50	4.44	4.38	4.32	4.26	4.20	4.16	4.14	4.08	4.02	3.96	3.90
AMPS	17.8	17.6	17.3	17.0	16.9	16.8	16.5	16.3	16.0	15.7	15.5	15.3	15.2	15.0	14.7	14.4	14.2
COP	4.25	4.05	3.84	3.64	3.50	3.40	3.14	2.88	2.67	2.53	2.43	2.38	2.30	2.09	1.88	1.66	1.43
Hi PR	403	390	377	364	356	351	338	324	311	298	285	277	272	259	246	233	220
LO PR	124	116	109	101	96	93	85	78	70	62	55	50	47	39	31	24	16

DP3HM603* **70 % CAPACITY**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5		-5
MBh	51.36	47.88	44.46	41.10	38.96	37.32	33.23	29.51	26.47	24.20	22.49	21.58	20.42	17.52	14.63	11.73	8.84
T/R	34.64	32.61	30.58	28.55	27.33	26.18	23.31	20.70	18.57	16.97	15.78	15.14	14.32	12.29	10.26	8.23	6.20
KW	2.90	2.82	2.74	2.66	2.61	2.58	2.50	2.42	2.34	2.26	2.17	2.13	2.09	2.01	1.93	1.85	1.77
AMPS	10.5	10.2	9.8	9.5	9.3	9.1	8.8	8.4	8.1	7.7	7.4	7.1	7.0	6.7	6.3	5.9	5.6
COP	5.18	4.97	4.75	4.53	4.37	4.24	3.90	3.58	3.32	3.14	3.03	2.98	2.86	2.55	2.22	1.86	1.46
Hi PR	391	378	365	353	345	340	327	314	302	289	276	269	264	251	238	225	213
LO PR	122	114	107	99	95	92	84	76	69	61	54	49	46	38	31	23	16

Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature motor)

Amps = Outdoor unit amps (comp.+fan)
kW = Total system power

DP3HM363*

	Motor Speed	Volts		Static							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Horizontal Position	T1	230	CFM	850	795	726	640	559	-	-	-
			Watts	76	85	93	103	110	-	-	-
	T2/T3	230	CFM	1399	1360	1288	1240	1190	1136	1083	1017
			Watts	281	291	298	305	313	322	329	336
	T4/T5	230	CFM	1604	1560	1507	1468	1415	1364	1321	1276
			Watts	396	402	408	424	426	433	444	454
Downshot Position	T1	230	CFM	825	762	686	577	523	-	-	-
			Watts	77	87	97	105	111	-	-	-
	T2/T3	230	CFM	1321	1319	1222	1170	1119	1077	1005	930
			Watts	285	291	300	309	319	324	333	342
	T4/T5	230	CFM	1595	1555	1506	1462	1415	1370	1319	1260
			Watts	382	391	399	408	418	426	435	444

DP3HM483*

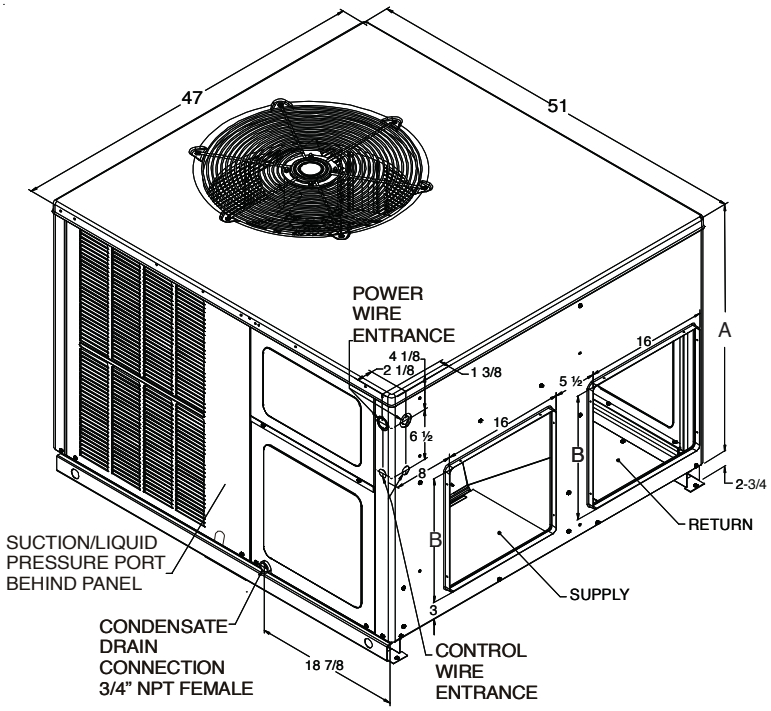
	Motor Speed	Volts		Static							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Horizontal Position	T1	230	CFM	1177	1123	1077	1031	972	-	-	-
			Watts	142	151	162	173	185	-	-	-
	T2/T3	230	CFM	1838	1794	1749	1711	1672	1626	1576	1528
			Watts	448	458	468	479	490	497	503	510
	T4/T5	230	CFM	1984	1947	1975	1864	1823	1781	1741	1694
			Watts	567	578	590	596	603	610	618	623
Downshot Position	T1	230	CFM	1168	1101	1045	979	913	-	-	-
			Watts	144	155	168	182	197	-	-	-
	T2/T3	230	CFM	1841	1786	1735	1691	1646	1598	1544	1489
			Watts	438	451	463	473	485	493	500	508
	T4/T5	230	CFM	2004	1949	1892	1837	1782	1728	1674	1616
			Watts	564	577	587	594	603	612	620	628

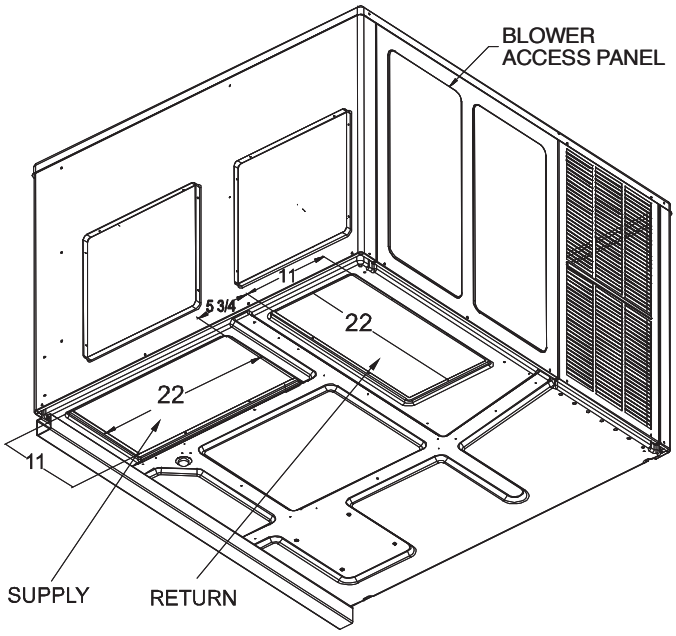
DP3HM603*

	Speed	Volts		Static							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Horizontal Position	T1	230	CFM	1499	1447	1404	1376	1330	1280	1230	1145
			Watts	268	278	290	300	311	325	338	353
	T2/T3	230	CFM	2001	1958	1908	1865	1822	1774	1729	1680
			Watts	569	583	595	600	613	622	629	638
	T4/T5	230	CFM	2199	2161	2126	2090	2056	2018	1982	1949
			Watts	801	809	817	828	838	851	858	873
Downshot Position	T1	230	CFM	1464	1408	1364	1326	1285	1240	1201	1140
			Watts	247	264	281	292	305	317	334	351
	T2/T3	230	CFM	1999	1957	1904	1862	1822	1769	1732	1688
			Watts	546	563	577	587	598	606	615	625
	T4/T5	230	CFM	2067	2031	1999	1964	1932	1897	1863	1832
			Watts	821	829	838	849	859	872	880	895

NOTES:

1. Data shown is dry coil. Wet coil pressure drop is approximately 0.2" H_2O, for three-row indoor coil; and 0.3" H_2O, for four-row indoor coil.
2. Data shown does not include filter pressure drop, approx. 0.08" H2O.
3. Reduce airflow by 2% for 208V operation.
4. ALL MODELS SHOULD RUN NO LESS THAN 300 CFM/TON.
5. For high static applications, see blower performance table for selecting appropriate speed tap.

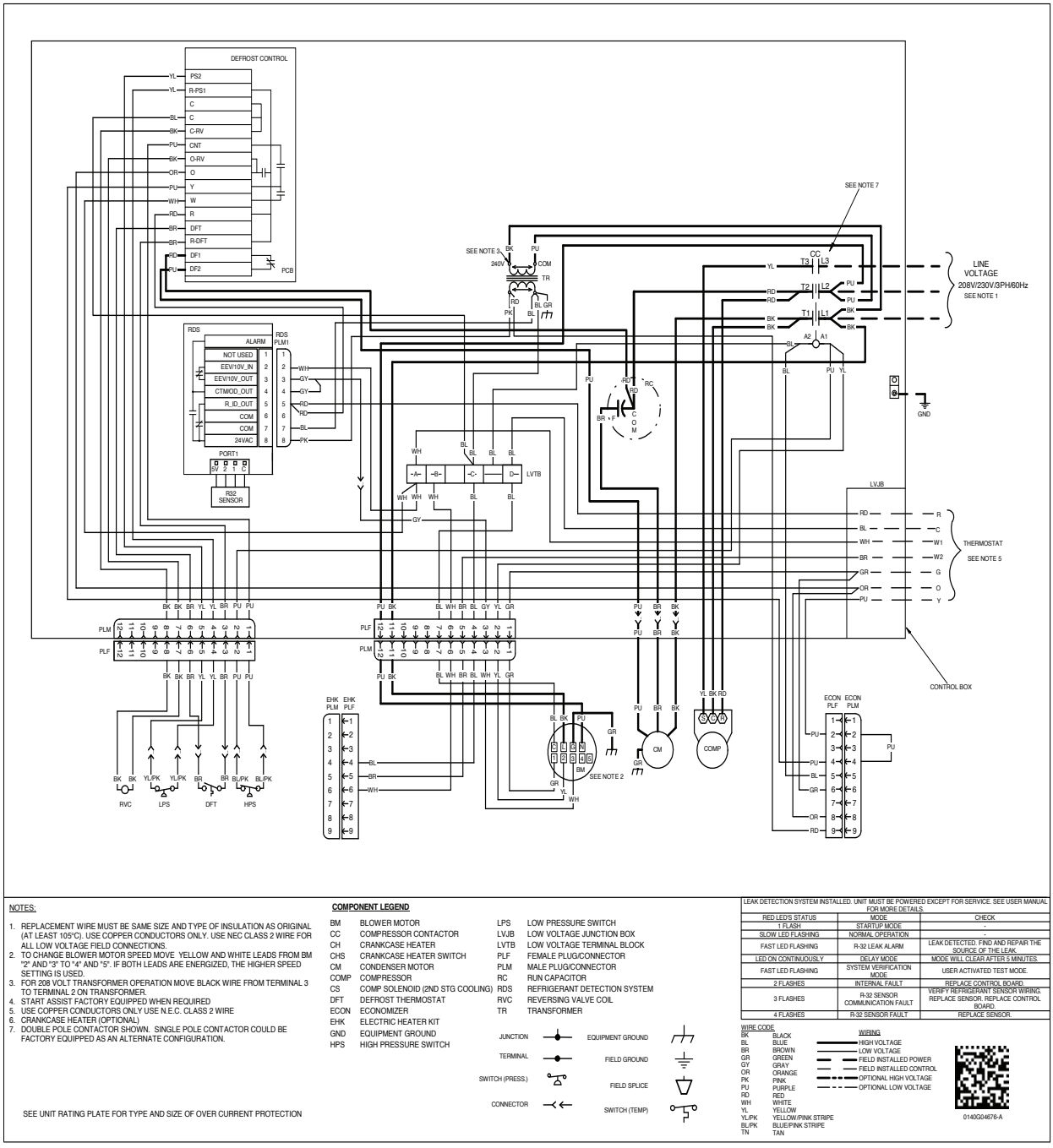




DIMENSIONS

MODEL	UNIT DIMENSIONS				CHASSIS SIZE
			HEIGHT		
	W	D	A	B	
DP3HM363*	47	51	32	34¾	Medium
DP3HM483*	47	51	40	42¾	Large
DP3HM603*	47	51	40	42¾	Large

MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
DP3HM363*	16	16	16	16
DP3HM483*	16	18	16	18
DP3HM603*	16	18	16	18



NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (AT LEAST 105°C). USE 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. START ASSIST FACTORY EQUIPPED WHEN REQUIRED
5. USE COPPER CONDUCTORS ONLY USE N.E.C. CLASS 2 WIRE
6. CRANKCASE HEATER (OPTIONAL)
7. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.

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

COMPONENT LEGEND

BM	BLOWER MOTOR	LPS	LOW PRESSURE SWITCH
CC	COMPRESSOR CONTACTOR	LVJB	LOW VOLTAGE JUNCTION BOX
CH	CRANKCASE HEATER	LVTB	LOW VOLTAGE TERMINAL BLOCK
CHS	CRANKCASE HEATER SWITCH	PLF	FEMALE PLUG/CONNECTOR
CM	CONDENSER MOTOR	PLM	MALE PLUG/CONNECTOR
COMP	COMPRESSOR	RC	RUN CAPACITOR
CS	COMP SOLENOID (2ND STG COOLING)	RDS	REFRIGERANT DETECTION SYSTEM
DFT	DEFROST THERMOSTAT	RVC	REVERSING VALVE COIL
ECON	ECONOMIZER	TR	TRANSFORMER
EHK	ELECTRIC HEATER KIT		
GND	EQUIPMENT GROUND		
HPS	HIGH PRESSURE SWITCH		

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

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

RED LED'S STATUS	MODE	CHECK
1 FLASH	STARTUP MODE	-
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	DELAY MODE	MODE WILL CLEAR AFTER 5 MINUTES.
FAST LED FLASHING	SYSTEM VERIFICATION MODE	USER ACTIVATED 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.

WIRE CODE

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

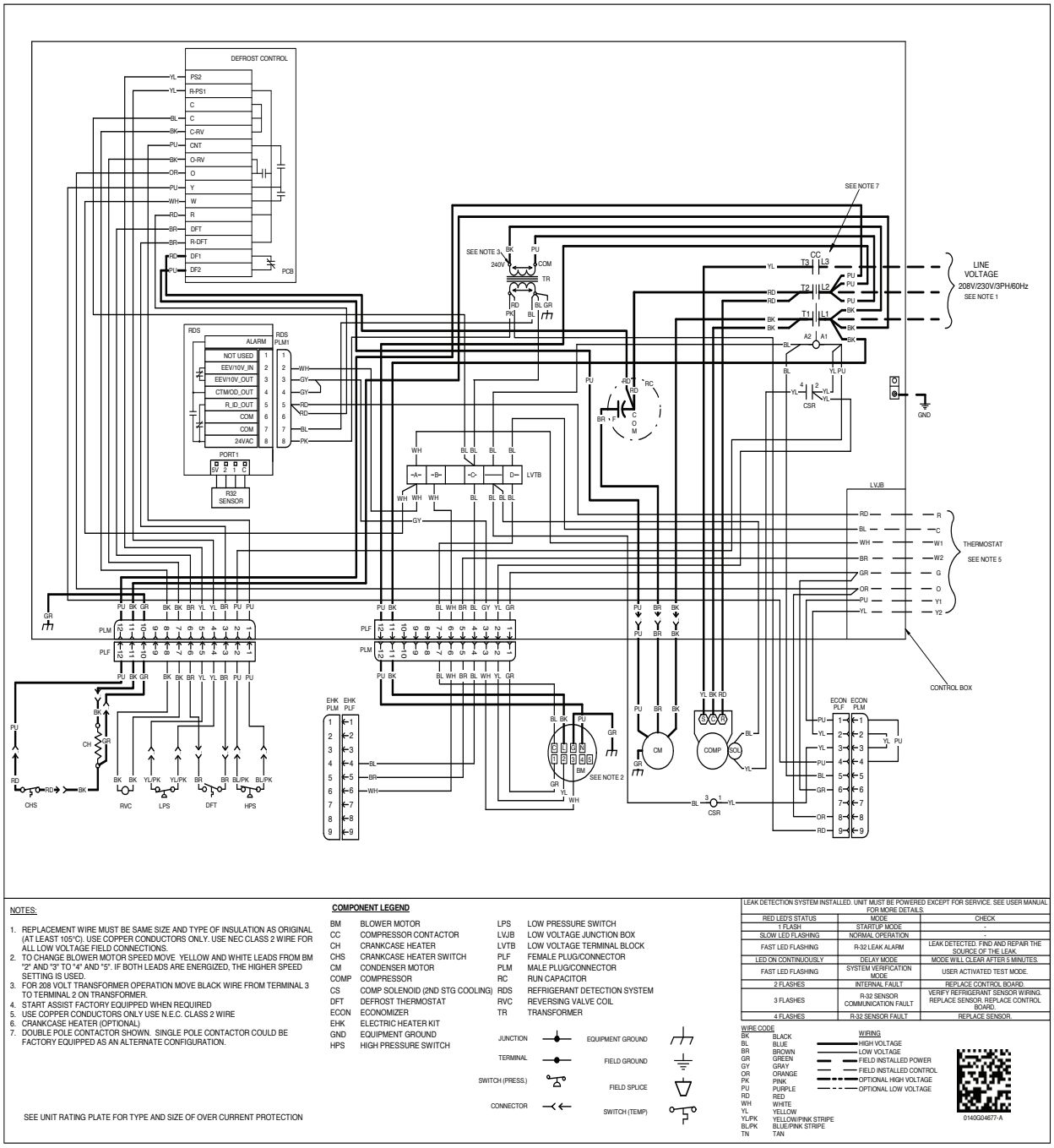
WIRING

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

0140G04676-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.



NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (AT LEAST 105°C). USE COPPER CONDUCTORS ONLY. USE NEC CLASS 2 WIRE FOR ALL LOW VOLTAGE FIELD CONNECTIONS.
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3. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
4. START ASSIST FACTORY EQUIPPED WHEN REQUIRED
5. USE COPPER CONDUCTORS ONLY. USE N.E.C. CLASS 2 WIRE
6. CRANKCASE HEATER (OPTIONAL)
7. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.

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

COMPONENT LEGEND

BM	BLOWER MOTOR	LPS	LOW PRESSURE SWITCH
CC	COMPRESSOR CONTACTOR	LVJB	LOW VOLTAGE JUNCTION BOX
CH	CRANKCASE HEATER	LVTB	LOW VOLTAGE TERMINAL BLOCK
CHS	CRANKCASE HEATER SWITCH	PLF	FEMALE PLUG/CONNECTOR
CM	CONDENSER MOTOR	PLM	MALE PLUG/CONNECTOR
COMP	COMPRESSOR	RC	RUN CAPACITOR
CS	COMP SOLENOID (2ND STG COOLING)	RDS	REFRIGERANT DETECTION SYSTEM
DFT	DEFROST THERMOSTAT	RVC	REVERSING VALVE COIL
ECON	ECONOMIZER	TR	TRANSFORMER
EHK	ELECTRIC HEATER KIT		
GND	EQUIPMENT GROUND		
HPS	HIGH PRESSURE SWITCH		

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

LEAK DETECTION SYSTEM INSTALLED. UNIT MUST BE POWERED EXCEPT FOR SERVICE. SEE USER MANUAL FOR MORE DETAILS.		
RED LED'S STATUS	MODE	CHECK
1 FLASH	STARTUP MODE	-
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	DELAY MODE	MODE WILL CLEAR AFTER 5 MINUTES.
FAST LED FLASHING	SYSTEM VERIFICATION MODE	USER ACTIVATED 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.

WIRE CODE

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

WIRING

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

0140G04677-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. ⚡