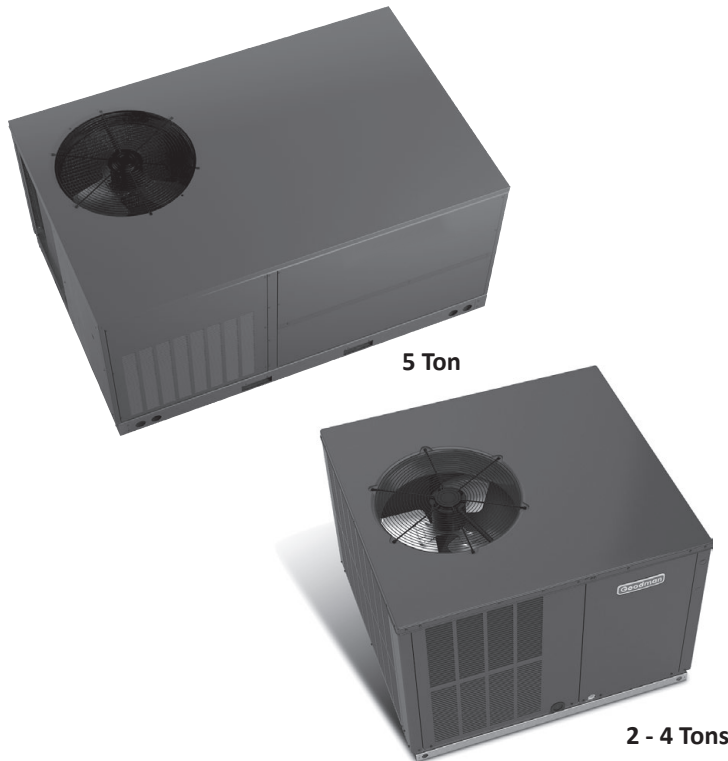


HIGH-EFFICIENCY PACKAGED HEAT PUMP 15.2 SEER2 / 6.7 HSPF2 2 TO 5 TONS



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Standard Features

- High-efficiency two-stage scroll compressor
- Two-stage heating and cooling
- Multi-Speed ECM indoor blower motor
- Copper tube/aluminum fin condenser coils
- All-aluminum evaporator coil on 2- to 4-ton units
- Aluminum-copper evaporator coil on 5-ton units
- Liquid-line filter drier
- Convertible airflow: horizontal or downflow
- Electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive two-tone Architectural Gray powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Fully insulated air-handling compartment with convenient access panels
- Louvered condenser coil protection
- Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available)



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. The duration of warranty coverages in Texas differs in some cases.

	G	P	H	M	5	24	4	1	A	A		
	1	2	3	4	5	6,7	8	9	10	11		
Brand	G Goodman® brand										Minor Revision	
											A	
Product Category	P Packaged Unit										Major Revision	
											A	
Unit Type	C Air Conditioner										Electrical	
H Heat Pump											1 208/230 V/1 Phase/60 Hz	
		Refrigerant										
		4 R-410A										
Airflow	H Horizontal										Nominal Capacity	
M Multi-Position											24 - 2.0 Tons	36 - 3.0 Tons
		30 - 2.5 Tons									42 - 3.5 Tons	60 - 5.0 Tons
Efficiency	3 13.4 SEER2											
	5 15.2 SEER2											

	GPHM52441** + OTHPPKG	GPHM5 3041**	GPHM5 3641**	GPHM5 4241**	GPHM5 4841**	GPHM5 6041**
COOLING CAPACITY						
Total BTU/h	24,000	29,600	34,000	40,500	46,500	56,500
Sensible BTU/h	18,400	22,800	26,000	30,000	36,000	44,000
SEER2 / EER2	15.2 / 11.4	15.2 / 11.4	15.2 / 11.4	15.2 / 11.4	15.2 / 11.2	15.2 / 11.2
AHRI #s	210288047	210288048	210288049	210288050	210288051	210288052
HEATING CAPACITY						
BTU/h (47°F)	22,800	28,600	33,800	38,500	44,500	58,500
C.O.P (47°F)	3.68	3.45	3.70	3.60	3.53	3.73
BTU/h (17°F)	11,200	16,200	19,600	22,000	25,500	32,000
C.O.P (17°F)	1.95	2.23	2.28	2.15	2.23	2.45
HSPF2	6.70	6.70	6.80	6.80	6.80	6.80
EVAPORATOR MOTOR						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10 x 9	10 x 9	10 x 9	10 x 9	10 x 9	11 x 10
Nominal Cooling CFM	850	1050	1200	1300	1600	2000
No. of Speeds	5	5	5	5	5	5
Horsepower - RPM	½ -1,050	½ -1,050	½ -1,050	¾ - 1,050	¾ - 1,050	1 - 1,200
EVAPORATOR COIL						
Face Area (ft²)	4.55	4.55	6.20	6.20	6.20	9.16
Rows Deep	4	4	4	4	4	4
Fin per Inch	14	14	14	14	14	16
Metering Device Type	TXV	TXV	TXV	TXV	TXV	TXV
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	147	150	165	170	170	225
CONDENSER FAN						
Horsepower - RPM	¼ - 830	¼ - 830	¼ - 1,075	¼ - 1,075	¼ - 1,075	½ - 1,090
Fan Diameter	22	22	22	22	22	22
# Fan Blades	3	3	3	3	3	3
CONDENSER COIL						
Face Area (ft²)	15.24	15.24	19.05	19.05	19.05	19.01
Rows Deep	2	2	2	2	2	2
Fin per Inch	16	16	16	16	16	16
Metering Device Type	TXV	TXV	TXV	TXV	TXV	TXV
COMPRESSOR						
Quantity	1	1	1	1	1	1
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Stage	Two	Two	Two	Two	Two	Two
SOUND POWER						
dBA	76	76	76	78	78	78
ELECTRICAL DATA						
Compressor RLA/ LRA	10.9 / 61.0	13.1 / 73	14.1 / 84.2	19.9 / 150.7	21.2 / 104	22.9 / 147.2
Voltage/ Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1
Indoor Blower FLA	3.8	3.8	3.8	5.4	5.4	6.9
Outdoor Fan FLA	1.3	1.3	1.4	1.4	1.4	3.5
Min. Circuit Ampacity ¹	18.7	21.5	22.8	31.7	33.3	39
Max. Overcurrent Protection ²	25	30	35	50	50	60
SHIPPING WEIGHT (LBS)	376	385	492	492	492	688

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

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

³ Factory setting

Note: 1) Always check the S&R plate for electrical data on the unit being installed.

2) "OTHPPKG" stands for Outdoor Thermostat Heat-Pump Package

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	24.3	24.6	25.4	-	24.1	24.4	25.2	-	23.4	23.8	24.5	-	22.3	22.7	23.4	-	21.0	21.4	22.1	-	19.8	20.1	20.9	-
	S/T	0.58	0.50	0.37	-	0.59	0.51	0.37	-	1.00	0.53	0.40	-	1.00	0.55	0.42	-	1.00	0.58	0.44	-	1.00	1.00	0.49	-
	ΔT	13.80	12.56	10.24	-	13.77	12.52	10.20	-	13.94	12.70	10.38	-	13.76	12.51	10.19	-	13.59	12.35	10.03	-	14.37	13.12	10.80	-
	kW	1.51	1.50	1.50	-	1.69	1.69	1.68	-	1.89	1.89	1.89	-	2.11	2.11	2.11	-	2.36	2.36	2.35	-	2.65	2.65	2.64	-
	Amps	5.68	5.67	5.66	-	6.47	6.46	6.45	-	7.35	7.35	7.33	-	8.31	8.30	8.29	-	9.38	9.37	9.36	-	10.64	10.63	10.62	-
	Hi PR	242	243	245	-	280	281	283	-	321	322	323	-	364	365	367	-	410	411	413	-	460	461	463	-
850	Lo PR	129	130	134	-	137	138	142	-	144	145	148	-	149	151	154	-	155	157	160	-	162	164	167	-
	MBh	24.7	25.1	25.8	-	24.5	24.9	25.6	-	23.9	24.2	25.0	-	22.8	23.1	23.9	-	21.4	21.8	22.5	-	20.2	20.6	21.3	-
	S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	1.00	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	1.00	0.59	-
	ΔT	12.69	11.45	9.13	-	12.66	11.41	9.09	-	12.83	11.59	9.27	-	12.64	11.40	9.08	-	12.48	11.24	8.91	-	13.26	12.01	9.69	-
	kW	1.52	1.52	1.52	-	1.70	1.70	1.70	-	1.91	1.90	1.90	-	2.13	2.13	2.12	-	2.37	2.37	2.37	-	2.66	2.66	2.66	-
	Amps	5.74	5.73	5.72	-	6.53	6.52	6.51	-	7.41	7.41	7.39	-	8.37	8.37	8.35	-	9.44	9.44	9.42	-	10.70	10.69	10.68	-
900	Hi PR	245	246	248	-	283	284	286	-	324	325	326	-	367	368	370	-	413	414	416	-	463	464	466	-
	Lo PR	131	133	136	-	139	141	144	-	146	148	151	-	152	154	157	-	158	159	163	-	165	167	170	-
	MBh	24.9	25.3	26.0	-	24.7	25.0	25.8	-	24.1	24.4	25.1	-	23.0	23.3	24.0	-	21.6	22.0	22.7	-	20.4	20.7	21.5	-
	S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	1.00	0.61	-
	ΔT	12.38	11.14	8.82	-	12.35	11.10	8.78	-	12.52	11.28	8.96	-	12.34	11.09	8.77	-	12.17	10.93	8.60	-	12.95	11.70	9.38	-
	kW	1.52	1.52	1.52	-	1.71	1.71	1.70	-	1.91	1.91	1.91	-	2.13	2.13	2.13	-	2.38	2.38	2.37	-	2.67	2.66	2.66	-
75	Amps	5.75	5.75	5.73	-	6.55	6.54	6.53	-	7.43	7.42	7.41	-	8.39	8.38	8.37	-	9.46	9.45	9.44	-	10.71	10.71	10.69	-
	Hi PR	246	247	249	-	284	285	287	-	324	326	327	-	368	369	370	-	414	415	417	-	464	465	467	-
	Lo PR	132	134	137	-	140	142	145	-	147	149	152	-	153	155	158	-	159	160	164	-	166	167	171	-
	MBh	24.3	24.7	25.4	26.5	24.1	24.4	25.2	26.3	23.5	23.8	24.5	25.6	22.4	22.7	23.4	24.6	21.0	21.4	22.1	23.2	19.8	20.1	20.9	22.0
	S/T	0.71	0.63	0.50	0.4	1.00	0.64	0.50	0.4	1.00	0.67	0.53	0.4	1.00	0.69	0.55	0.4	1.00	1.00	0.57	0.4	1.00	1.00	0.62	0.5
	ΔT	16.54	15.29	12.97	10.6	16.50	15.26	12.94	10.5	16.68	15.43	13.11	10.7	16.49	15.25	12.92	10.5	16.32	15.08	12.76	10.4	17.10	15.86	13.54	11.1
700	kW	1.51	1.50	1.50	1.5	1.69	1.69	1.68	1.7	1.89	1.89	1.89	1.9	2.11	2.11	2.11	2.1	2.36	2.36	2.35	2.4	2.65	2.64	2.64	2.7
	Amps	5.67	5.66	5.65	5.7	6.46	6.46	6.44	6.5	7.35	7.34	7.33	7.4	8.31	8.30	8.29	8.3	9.38	9.37	9.36	9.4	10.63	10.63	10.61	10.7
	Hi PR	242	243	245	249.3	281	282	283	287.6	321	322	324	327.8	364	365	367	371.0	411	412	413	417.7	460	461	463	467.4
	Lo PR	129	130	134	139.2	137	138	142	147.1	144	145	148	154.0	149	151	154	159.8	155	157	160	165.6	162	164	167	172.7
	MBh	24.8	25.1	25.8	26.9	24.5	24.9	25.6	26.7	23.9	24.2	25.0	26.1	22.8	23.1	23.9	25.0	21.5	21.8	22.5	23.6	20.2	20.6	21.3	22.4
	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	1.00	0.67	0.5	1.00	1.00	0.72	0.6
850	ΔT	15.42	14.18	11.86	9.5	15.39	14.15	11.83	9.4	15.56	14.32	12.00	9.6	15.38	14.13	11.81	9.4	15.21	13.97	11.65	9.2	15.99	14.75	12.43	10.0
	kW	1.52	1.52	1.51	1.5	1.70	1.70	1.70	1.7	1.91	1.90	1.90	1.9	2.13	2.12	2.12	2.1	2.37	2.37	2.37	2.4	2.66	2.66	2.66	2.7
	Amps	5.73	5.72	5.71	5.8	6.52	6.52	6.50	6.6	7.41	7.40	7.39	7.4	8.37	8.36	8.35	8.4	9.44	9.43	9.42	9.5	10.69	10.69	10.67	10.7
	Hi PR	245	246	248	252.2	284	285	286	290.6	324	325	327	330.7	367	368	370	374.0	414	415	416	420.6	463	464	466	470.4
	Lo PR	131	133	136	141.9	139	141	144	149.7	146	148	151	156.6	152	154	157	162.5	158	159	163	168.2	165	167	170	175.4
	MBh	24.9	25.3	26.0	27.1	24.7	25.1	25.8	26.9	24.1	24.4	25.1	26.3	23.0	23.3	24.0	25.2	21.6	22.0	22.7	23.8	20.4	20.8	21.5	22.6
900	S/T	0.83	0.75	0.61	0.5	1.00	0.75	0.62	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.74	0.6
	ΔT	15.12	13.87	11.55	9.1	15.08	13.84	11.52	9.1	15.26	14.01	11.69	9.3	15.07	13.83	11.50	9.1	14.90	13.66	11.34	8.9	15.68	14.44	12.12	9.7
	kW	1.52	1.52	1.52	1.5	1.71	1.70	1.70	1.7	1.91	1.91	1.90	1.9	2.13	2.13	2.12	2.1	2.38	2.37	2.37	2.4	2.66	2.66	2.66	2.7
	Amps	5.75	5.74	5.73	5.8	6.54	6.53	6.52	6.6	7.43	7.42	7.41	7.5	8.38	8.38	8.36	8.4	9.45	9.45	9.43	9.5	10.71	10.70	10.69	10.7
	Hi PR	246	247	249	253.2	285	286	287	291.5	325	326	327	331.7	368	369	371	374.9	415	416	417	421.6	464	465	467	471.3
	Lo PR	132	134	137	142.8	140	142	145	150.7	147	149	152	157.6	153	155	158	163.4	159	160	164	169.2	166	168	171	176.3

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

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

		Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	24.4	24.8	25.5	26.6	24.2	24.6	25.3	26.4	23.6	23.9	24.7	25.8	22.5	22.8	23.6	24.7	21.1	21.5	22.2	23.3	19.9	20.3	21.0	22.1
	S/T	1.00	0.76	0.62	0.5	1.00	0.77	0.63	0.5	1.00	0.77	0.66	0.5	1.00	0.77	0.66	0.5	1.00	0.77	0.66	0.5	1.00	0.77	0.66	0.5
	ΔT	19.29	18.04	15.72	13.3	19.25	18.01	15.69	13.3	19.43	18.18	15.86	13.5	19.24	18.00	15.68	13.3	19.07	17.83	15.51	13.1	19.85	18.61	16.29	13.9
	kW	1.51	1.50	1.50	1.5	1.69	1.69	1.68	1.7	1.89	1.89	1.89	1.9	2.11	2.11	2.11	2.1	2.36	2.36	2.35	2.4	2.65	2.65	2.64	2.7
	Amps	5.67	5.67	5.65	5.7	6.47	6.46	6.45	6.5	7.35	7.35	7.33	7.4	8.31	8.30	8.29	8.4	9.38	9.37	9.36	9.4	10.64	10.63	10.62	10.7
	Hi PR	243	244	245	249.7	281	282	284	288.1	321	322	324	328.2	364	366	367	371.5	411	412	414	418.1	461	462	464	467.9
	Lo PR	129	131	134	139.8	137	139	142	147.7	144	146	149	154.6	150	152	155	160.4	156	157	161	166.1	163	164	168	173.3
	MBh	24.9	25.2	26.0	27.1	24.7	25.0	25.7	26.8	24.0	24.4	25.1	26.2	22.9	23.3	24.0	25.1	21.6	21.9	22.7	23.8	20.4	20.7	21.4	22.5
	S/T	1.00	0.86	0.72	0.6	1.00	0.86	0.73	0.6	1.00	0.86	0.75	0.6	1.00	0.86	0.75	0.6	1.00	0.86	0.75	0.6	1.00	0.86	0.75	0.6
	ΔT	18.18	16.93	14.61	12.2	18.14	16.90	14.58	12.2	18.32	17.07	14.75	12.3	18.13	16.89	14.57	12.2	17.96	16.72	14.40	12.0	18.74	17.50	15.18	12.8
900	kW	1.52	1.52	1.52	1.5	1.70	1.70	1.70	1.7	1.91	1.90	1.90	1.9	2.13	2.12	2.12	2.1	2.37	2.37	2.37	2.4	2.66	2.66	2.66	2.7
	Amps	5.74	5.73	5.72	5.8	6.53	6.52	6.51	6.6	7.41	7.41	7.39	7.5	8.37	8.36	8.35	8.4	9.44	9.43	9.42	9.5	10.70	10.69	10.68	10.7
	Hi PR	246	247	248	252.7	284	285	287	291.0	324	325	327	331.2	367	368	370	374.4	414	415	417	421.1	464	465	467	470.8
	Lo PR	132	134	137	142.4	140	142	145	150.3	147	148	152	157.2	153	154	158	163.1	158	160	163	168.8	166	167	170	176.0
	MBh	25.1	25.4	26.1	27.2	24.8	25.2	25.9	27.0	24.2	24.5	25.3	26.4	23.1	23.4	24.2	25.3	21.8	22.1	22.8	23.9	20.5	20.9	21.6	22.7
	S/T	1.00	0.88	0.74	0.6	1.00	0.88	0.74	0.6	1.00	0.88	0.77	0.6	1.00	0.88	0.77	0.6	1.00	0.88	0.77	0.6	1.00	0.88	0.77	0.6
	ΔT	17.87	16.62	14.30	11.9	17.83	16.59	14.27	11.9	18.01	16.76	14.44	12.0	17.82	16.58	14.26	11.9	17.65	16.41	14.09	11.7	18.43	17.19	14.87	12.5
	kW	1.52	1.52	1.52	1.5	1.71	1.70	1.70	1.7	1.91	1.91	1.91	1.9	2.13	2.13	2.13	2.1	2.38	2.37	2.37	2.4	2.67	2.66	2.66	2.7
	Amps	5.75	5.75	5.73	5.8	6.54	6.54	6.52	6.6	7.43	7.42	7.41	7.5	8.39	8.38	8.37	8.4	9.46	9.45	9.44	9.5	10.71	10.71	10.69	10.8
	Hi PR	247	248	249	253.6	285	286	288	292.0	325	326	328	332.1	368	369	371	375.4	415	416	418	422.0	465	466	468	471.8
	Lo PR	133	135	138	143.4	141	142	146	151.3	148	149	153	158.2	154	155	159	164.0	159	161	164	169.7	166	168	171	176.9
85	MBh	24.9	25.2	25.9	27.0	24.6	25.0	25.7	26.8	24.0	24.3	25.1	26.2	22.9	23.2	24.0	25.1	21.6	21.9	22.6	23.7	20.3	20.7	21.4	22.5
	S/T	1.00	0.86	0.73	0.6	1.00	0.86	0.73	0.6	1.00	0.86	0.76	0.6	1.00	0.86	0.76	0.6	1.00	0.86	0.76	0.6	1.00	0.86	0.76	0.6
	ΔT	21.73	20.48	18.16	15.8	21.69	20.45	18.13	15.7	21.87	20.63	18.30	15.9	21.68	20.44	18.12	15.7	21.52	20.27	17.95	15.5	22.29	21.05	18.73	16.3
	kW	1.51	1.51	1.50	1.5	1.69	1.69	1.69	1.7	1.90	1.89	1.89	1.9	2.12	2.11	2.11	2.1	2.36	2.36	2.36	2.4	2.65	2.65	2.65	2.7
	Amps	5.69	5.68	5.67	5.7	6.48	6.48	6.46	6.5	7.37	7.36	7.35	7.4	8.33	8.32	8.31	8.4	9.40	9.39	9.38	9.4	10.65	10.64	10.63	10.7
	Hi PR	244	245	247	250.9	282	283	285	289.2	322	323	325	329.4	366	367	368	372.6	412	413	415	419.2	462	463	465	469.0
	Lo PR	131	133	136	141.7	139	141	144	149.6	146	148	151	156.5	152	154	157	162.3	158	159	163	168.1	165	166	170	175.2
	MBh	25.3	25.6	26.4	27.5	25.1	25.4	26.1	27.3	24.4	24.8	25.5	26.6	23.3	23.7	24.4	25.5	22.0	22.3	23.1	24.2	20.8	21.1	21.8	23.0
	S/T	1.00	1.00	0.82	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7
	ΔT	20.62	19.37	17.05	14.6	20.58	19.34	17.02	14.6	20.76	19.51	17.19	14.8	20.57	19.33	17.01	14.6	20.40	19.16	16.84	14.4	21.18	19.94	17.62	15.2
900	kW	1.52	1.52	1.52	1.5	1.71	1.70	1.70	1.7	1.91	1.91	1.90	1.9	2.13	2.13	2.13	2.1	2.38	2.37	2.37	2.4	2.66	2.66	2.66	2.7
	Amps	5.75	5.74	5.73	5.8	6.54	6.54	6.52	6.6	7.43	7.42	7.41	7.5	8.39	8.38	8.37	8.4	9.46	9.45	9.44	9.5	10.71	10.71	10.69	10.8
	Hi PR	247	248	250	253.8	285	286	288	292.2	325	326	328	332.3	369	370	371	375.6	415	416	418	422.2	465	466	468	472.0
	Lo PR	134	136	139	144.4	142	143	147	152.3	149	150	154	159.2	155	156	159	165.0	160	162	165	170.7	167	169	172	177.9
	MBh	25.5	25.8	26.5	27.7	25.2	25.6	26.3	27.4	24.6	25.0	25.7	26.8	23.5	23.9	24.6	25.7	22.2	22.5	23.2	24.4	20.9	21.3	22.0	23.1
	S/T	1.00	1.00	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7
	ΔT	20.31	19.06	16.74	14.3	20.27	19.03	16.71	14.3	20.45	19.21	16.88	14.5	20.26	19.02	16.70	14.3	20.09	18.85	16.53	14.1	20.87	19.63	17.31	14.9
	kW	1.53	1.53	1.52	1.5	1.71	1.71	1.71	1.7	1.91	1.91	1.91	1.9	2.13	2.13	2.13	2.1	2.39	2.38	2.38	2.4	2.67	2.67	2.66	2.7
	Amps	5.77	5.76	5.75	5.8	6.56	6.55	6.54	6.6	7.44	7.44	7.43	7.5	8.40	8.40	8.38	8.4	9.47	9.47	9.45	9.5	10.73	10.72	10.71	10.8
	Hi PR	248	249	251	254.8	286	287	289	293.1	326	327	329	333.3	370	371	372	376.5	416	417	419	423.2	466	467	469	472.9
	Lo PR	135	137	140	145.3	143	144	148	153.2	150	151	155	160.1	156	157	160	166.0	161	163	166	171.7	168	170	173	178.9

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHR 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects AHR conditions.

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHR 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

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

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	MBh	17.5	17.7	18.2	-	17.3	17.6	18.1	-	16.9	17.1	17.6	-	16.1	16.3	16.8	-	15.1	15.4	15.9	-	14.2	14.5	15.0	-	
	S/T	0.60	0.52	0.38	-	0.60	0.52	0.38	-	1.00	0.55	0.41	-	1.00	0.57	0.43	-	1.00	0.59	0.45	-	1.00	1.00	0.51	-	
	ΔT	13.32	12.12	9.88	-	13.29	12.09	9.85	-	13.45	12.26	10.02	-	13.27	12.07	9.83	-	13.11	11.91	9.67	-	13.86	12.67	10.43	-	
	kW	0.95	0.95	0.94	-	1.06	1.06	1.06	-	1.19	1.19	1.19	-	1.33	1.33	1.33	-	1.48	1.48	1.48	-	1.67	1.66	1.66	-	
	Amps	3.57	3.57	3.56	-	4.07	4.06	4.06	-	4.63	4.62	4.61	-	5.23	5.22	5.22	-	5.90	5.90	5.89	-	6.69	6.69	6.68	-	
494	Hi-PR	231	232	234	-	268	269	271	-	306	307	309	-	348	349	350	-	392	393	395	-	440	441	443	-	
	Lo-PR	132	134	137	-	140	142	146	-	148	149	153	-	154	155	159	-	159	161	164	-	167	168	172	-	
	MBh	17.8	18.0	18.6	-	17.6	17.9	18.4	-	17.2	17.4	17.9	-	16.4	16.6	17.2	-	15.4	15.7	16.2	-	14.5	14.8	15.3	-	
	S/T	0.69	0.61	0.47	-	1.00	0.62	0.48	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	1.00	0.55	-	1.00	1.00	0.60	-	
	ΔT	12.25	11.05	8.81	-	12.21	11.01	8.77	-	12.38	11.18	8.94	-	12.20	11.00	8.76	-	12.04	10.84	8.60	-	12.79	11.59	9.35	-	
600	kW	0.96	0.96	0.95	-	1.07	1.07	1.07	-	1.20	1.20	1.20	-	1.34	1.34	1.33	-	1.49	1.49	1.49	-	1.67	1.67	1.67	-	
	Amps	3.61	3.60	3.60	-	4.11	4.10	4.09	-	4.66	4.66	4.65	-	5.27	5.26	5.25	-	5.94	5.94	5.93	-	6.73	6.72	6.72	-	
	Hi-PR	234	235	237	-	271	272	274	-	309	310	312	-	351	352	353	-	395	396	398	-	443	444	445	-	
	Lo-PR	135	137	140	-	143	145	148	-	150	152	155	-	156	158	161	-	162	164	167	-	170	171	175	-	
	635	MBh	17.9	18.2	18.7	-	17.8	18.0	18.5	-	17.3	17.5	18.1	-	16.5	16.8	17.3	-	15.5	15.8	16.3	-	14.7	14.9	15.4	-
S/T		0.71	0.63	0.49	-	1.00	0.64	0.50	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	1.00	0.57	-	1.00	1.00	0.62	-	
ΔT		11.95	10.75	8.51	-	11.92	10.72	8.48	-	12.08	10.88	8.64	-	11.90	10.70	8.46	-	11.74	10.54	8.30	-	12.49	11.29	9.05	-	
kW		0.96	0.96	0.96	-	1.07	1.07	1.07	-	1.20	1.20	1.20	-	1.34	1.34	1.34	-	1.49	1.49	1.49	-	1.68	1.68	1.67	-	
Amps		3.62	3.61	3.61	-	4.12	4.11	4.10	-	4.67	4.67	4.66	-	5.28	5.27	5.26	-	5.95	5.95	5.94	-	6.74	6.74	6.73	-	
494	Hi-PR	235	236	238	-	272	273	274	-	310	311	313	-	352	353	354	-	396	397	399	-	444	445	446	-	
	Lo-PR	136	138	141	-	144	146	149	-	151	153	156	-	157	159	162	-	163	165	168	-	171	172	176	-	
	75	MBh	17.5	17.7	18.3	19.1	17.3	17.6	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.3	16.9	17.7	15.1	15.4	15.9	16.7	14.2	14.5	15.0	15.8
		S/T	0.73	0.65	0.51	0.4	1.00	0.66	0.52	0.4	1.00	0.68	0.54	0.4	1.00	1.00	0.56	0.4	1.00	1.00	0.59	0.4	1.00	1.00	0.64	0.5
		ΔT	15.96	14.76	12.52	10.2	15.92	14.72	12.48	10.2	16.09	14.89	12.65	10.3	15.91	14.71	12.47	10.2	15.75	14.55	12.31	10.0	16.50	15.30	13.06	10.7
kW		0.95	0.95	0.94	1.0	1.06	1.06	1.06	1.1	1.19	1.19	1.19	1.2	1.33	1.33	1.33	1.3	1.48	1.48	1.48	1.5	1.66	1.66	1.66	1.7	
Amps		3.57	3.56	3.55	3.6	4.07	4.06	4.05	4.1	4.62	4.62	4.61	4.6	5.22	5.22	5.21	5.2	5.90	5.89	5.88	5.9	6.69	6.68	6.67	6.7	
600	Hi-PR	232	233	234	238.3	268	269	271	275.0	307	308	309	313.4	348	349	351	354.7	393	394	395	399.3	440	441	443	446.9	
	Lo-PR	132	134	137	143.1	141	142	146	151.2	148	149	153	158.3	154	155	159	164.3	159	161	165	170.2	167	168	172	177.6	
	MBh	17.8	18.0	18.6	19.4	17.6	17.9	18.4	19.2	17.2	17.4	18.0	18.8	16.4	16.6	17.2	18.0	15.4	15.7	16.2	17.0	14.5	14.8	15.3	16.1	
	S/T	1.00	0.75	0.61	0.5	1.00	0.76	0.61	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.74	0.6	
	ΔT	14.88	13.68	11.44	9.1	14.85	13.65	11.41	9.1	15.02	13.82	11.58	9.3	14.84	13.64	11.40	9.1	14.68	13.48	11.24	8.9	15.43	14.23	11.99	9.7	
635	kW	0.96	0.95	0.95	1.0	1.07	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.33	1.3	1.49	1.49	1.49	1.5	1.67	1.67	1.67	1.7	
	Amps	3.60	3.60	3.59	3.6	4.10	4.10	4.09	4.1	4.66	4.66	4.65	4.7	5.26	5.26	5.25	5.3	5.94	5.93	5.92	6.0	6.73	6.72	6.71	6.8	
	Hi-PR	234	235	237	241.1	271	272	274	277.8	310	311	312	316.2	351	352	353	357.5	395	396	398	402.1	443	444	446	449.7	
	Lo-PR	135	137	140	145.8	143	145	148	153.9	150	152	155	161.0	156	158	161	167.0	162	164	167	172.9	170	171	175	180.3	
	MBh	17.9	18.2	18.7	19.5	17.8	18.0	18.5	19.3	17.3	17.6	18.1	18.9	16.5	16.8	17.3	18.1	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	
494	S/T	1.00	0.77	0.63	0.5	1.00	0.78	0.63	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	1.00	0.6	
	ΔT	14.59	13.39	11.15	8.8	14.55	13.35	11.11	8.8	14.72	13.52	11.28	9.0	14.54	13.34	11.10	8.8	14.38	13.18	10.94	8.6	15.13	13.93	11.69	9.4	
	kW	0.96	0.96	0.96	1.0	1.07	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.34	1.3	1.49	1.49	1.49	1.5	1.68	1.67	1.67	1.7	
	Amps	3.62	3.61	3.60	3.6	4.11	4.11	4.10	4.1	4.67	4.67	4.66	4.7	5.27	5.27	5.26	5.3	5.95	5.94	5.93	6.0	6.74	6.73	6.72	6.8	
	Hi-PR	235	236	238	242.0	272	273	275	278.7	310	311	313	317.1	352	353	354	358.4	396	397	399	403.0	444	445	447	450.6	
635	Lo-PR	136	138	141	146.8	144	146	149	154.9	151	153	156	162.0	157	159	162	168.0	163	165	168	173.9	171	172	176	181.3	
	Shaded area reflects ACCA (TVA) conditions.																									
	kW = Total system power																									
	Amps = outdoor unit amps (comp.+fan)																									
	DB: Entering Indoor Dry Bulb Temperature																									
High and low pressures are measured at the liquid and suction access fittings.																										

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	MBh	17.6	17.8	18.3	19.1	17.4	17.7	18.2	19.0	17.0	17.2	17.7	18.5	16.2	16.4	16.9	17.7	15.2	15.5	16.0	16.8	14.3	14.6	15.1	15.9	14.3	14.6	15.1	15.9								
	S/T	1.00	0.78	0.64	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	0.72	0.6	1.00	1.00	1.00	0.6	1.00	1.00	1.00	0.6								
	ΔT	18.61	17.41	15.17	12.9	18.58	17.38	15.14	12.8	18.75	17.55	15.31	13.0	18.57	17.37	15.13	12.8	18.41	17.21	14.97	12.6	19.16	17.96	15.72	13.4	19.16	17.96	15.72	13.4								
	kW	0.95	0.95	0.94	1.0	1.06	1.06	1.06	1.1	1.19	1.19	1.19	1.2	1.33	1.33	1.33	1.3	1.48	1.48	1.48	1.5	1.67	1.66	1.66	1.7	1.67	1.66	1.66	1.7								
	Amps	3.57	3.57	3.56	3.6	4.07	4.06	4.06	4.1	4.62	4.62	4.61	4.7	5.23	5.22	5.21	5.3	5.90	5.90	5.89	5.9	6.69	6.69	6.69	6.7	6.69	6.69	6.69	6.7								
	Hi PR	232	233	235	238.7	269	270	271	275.4	307	308	310	313.8	348	349	351	355.1	393	394	396	399.7	441	442	443	443	441	442	443	443	447.3							
	Lo PR	133	135	138	143.7	141	143	146	151.8	148	150	153	158.9	154	156	159	164.9	160	162	165	170.8	167	169	172	172	167	169	172	178.1								
	MBh	17.9	18.1	18.7	19.5	17.7	18.0	18.5	19.3	17.3	17.5	18.0	18.8	16.5	16.7	17.3	18.1	15.5	15.8	16.3	17.1	14.6	14.9	15.4	16.2	14.6	14.9	15.4	16.2								
	S/T	1.00	0.88	0.74	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7								
	ΔT	17.54	16.34	14.10	11.8	17.51	16.31	14.07	11.7	17.68	16.48	14.24	11.9	17.49	16.30	14.06	11.7	17.33	16.13	13.90	11.6	18.09	16.89	14.65	12.3	18.09	16.89	14.65	12.3								
kW	0.96	0.96	0.95	1.0	1.07	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.34	1.3	1.49	1.49	1.49	1.5	1.67	1.67	1.67	1.7	1.67	1.67	1.67	1.7									
Amps	3.61	3.60	3.59	3.6	4.11	4.10	4.09	4.1	4.66	4.66	4.65	4.7	5.27	5.26	5.25	5.3	5.94	5.93	5.93	6.0	6.73	6.72	6.72	6.8	6.73	6.72	6.72	6.8									
Hi PR	235	236	238	241.6	272	273	274	278.2	310	311	313	316.6	351	352	354	358.0	396	397	398	402.5	443	444	444	446	443	444	444	446	450.1								
Lo PR	136	137	141	146.4	144	145	149	154.5	151	153	156	161.6	157	159	162	167.6	163	164	168	173.5	170	172	172	175	170	172	175	180.9									
635	MBh	18.0	18.3	18.8	19.6	17.9	18.1	18.6	19.4	17.4	17.6	18.2	19.0	16.6	16.9	17.4	18.2	15.6	15.9	16.4	17.2	14.8	15.0	15.5	16.3	14.8	15.0	15.5	16.3								
	S/T	1.00	0.90	0.76	0.6	1.00	1.00	0.76	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	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7								
	ΔT	17.24	16.04	13.80	11.5	17.21	16.01	13.77	11.4	17.38	16.18	13.94	11.6	17.20	16.00	13.76	11.4	17.04	15.84	13.60	11.3	17.79	16.59	14.35	12.0	17.79	16.59	14.35	12.0								
	kW	0.96	0.96	0.96	1.0	1.07	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.34	1.3	1.49	1.49	1.49	1.5	1.68	1.68	1.67	1.7	1.68	1.68	1.67	1.7								
	Amps	3.62	3.61	3.61	3.6	4.12	4.11	4.10	4.1	4.67	4.67	4.66	4.7	5.28	5.27	5.26	5.3	5.95	5.94	5.94	6.0	6.74	6.73	6.73	6.8	6.74	6.73	6.73	6.8								
	Hi PR	236	237	238	242.5	272	273	275	279.1	311	312	313	317.5	352	353	355	358.9	397	398	399	403.4	444	445	447	447	444	445	447	451.0								
	Lo PR	137	138	142	147.4	145	146	150	155.5	152	154	157	162.6	158	160	163	168.6	164	165	169	174.5	171	173	176	176	171	173	176	181.9								

494	MBh	17.9	18.1	18.6	19.4	17.7	18.0	18.5	19.3	17.3	17.5	18.0	18.8	16.5	16.7	17.2	18.0	15.5	15.7	16.3	17.1
	S/T	1.00	1.00	0.75	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.75	0.6
	ΔT	20.97	19.77	17.53	15.2	20.93	19.73	17.50	15.2	21.10	19.90	17.66	15.3	20.92	19.72	17.48	15.2	20.76	19.56	17.32	15.0
	kW	0.95	0.95	0.95	1.0	1.06	1.06	1.06	1.1	1.19	1.19	1.19	1.2	1.33	1.33	1.33	1.3	1.49	1.48	1.48	1.5
	Amps	3.58	3.57	3.57	3.6	4.08	4.07	4.06	4.1	4.63	4.63	4.62	4.7	5.24	5.23	5.22	5.3	5.91	5.91	5.90	5.9
	Hi PR	233	234	236	239.8	270	271	272	276.5	308	309	311	314.9	350	351	352	356.2	394	395	397	400.8
	Lo PR	135	137	140	145.7	143	145	148	153.8	150	152	155	160.9	156	158	161	166.9	162	164	167	172.8
	MBh	18.2	18.4	19.0	19.8	18.0	18.3	18.8	19.6	17.6	17.8	18.3	19.1	16.8	17.0	17.6	18.4	15.8	16.1	16.6	17.4
	S/T	1.00	1.00	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7
	ΔT	19.90	18.70	16.46	14.1	19.86	18.66	16.42	14.1	20.03	18.83	16.59	14.3	19.85	18.65	16.41	14.1	19.69	18.49	16.25	13.9
600	kW	0.96	0.96	0.96	1.0	1.07	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.34	1.3	1.49	1.49	1.49	1.5
	Amps	3.62	3.61	3.60	3.6	4.12	4.11	4.10	4.1	4.67	4.67	4.66	4.7	5.27	5.27	5.26	5.3	5.95	5.94	5.94	6.0
	Hi PR	236	237	239	242.7	273	274	275	279.3	311	312	314	317.7	352	353	355	359.1	397	398	400	403.6
	Lo PR	138	139	143	148.4	146	147	151	156.5	153	155	158	163.6	159	161	164	169.6	165	166	170	175.5
	MBh	18.3	18.6	19.1	19.9	18.2	18.4	18.9	19.7	17.7	17.9	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5
	S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7
	ΔT	19.60	18.40	16.16	13.8	19.56	18.36	16.12	13.8	19.73	18.53	16.29	14.0	19.55	18.35	16.11	13.8	19.39	18.19	15.95	13.6
	kW	0.96	0.96	0.96	1.0	1.08	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.34	1.3	1.50	1.50	1.49	1.5
	Amps	3.63	3.62	3.62	3.7	4.13	4.12	4.11	4.2	4.68	4.68	4.67	4.7	5.29	5.28	5.27	5.3	5.96	5.95	5.95	6.0
	Hi PR	237	238	240	243.6	274	275	276	280.2	312	313	315	318.6	353	354	356	360.0	398	399	400	404.5
	Lo PR	139	140	144	149.4	147	148	152	157.5	154	156	159	164.6	160	162	165	170.6	166	167	171	176.5
635	MBh	18.3	18.6	19.1	19.9	18.2	18.4	18.9	19.7	17.7	17.9	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5
	S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7
	ΔT	19.60	18.40	16.16	13.8	19.56	18.36	16.12	13.8	19.73	18.53	16.29	14.0	19.55	18.35	16.11	13.8	19.39	18.19	15.95	13.6
	kW	0.96	0.96	0.96	1.0	1.08	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.34	1.3	1.50	1.50	1.49	1.5
	Amps	3.63	3.62	3.62	3.7	4.13	4.12	4.11	4.2	4.68	4.68	4.67	4.7	5.29	5.28	5.27	5.3	5.96	5.95	5.95	6.0
	Hi PR	237	238	240	243.6	274	275	276	280.2	312	313	315	318.6	353	354	356	360.0	398	399	400	404.5
	Lo PR	139	140	144	149.4	147	148	152	157.5	154	156	159	164.6	160	162	165	170.6	166	167	171	176.5
	MBh	18.3	18.6	19.1	19.9	18.2	18.4	18.9	19.7	17.7	17.9	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5
	S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7
	ΔT	19.60	18.40	16.16	13.8	19.56	18.36	16.12	13.8	19.73	18.53	16.29	14.0	19.55	18.35	16.11	13.8	19.39	18.19	15.95	13.6
	kW	0.96	0.96	0.96	1.0	1.08	1.07	1.07	1.1	1.20	1.20	1.20	1.2	1.34	1.34	1.34	1.3	1.50	1.50	1.49	1.5
85	Amps	3.63	3.62	3.62	3.7	4.13	4.12	4.11	4.2	4.68	4.68	4.67	4.7	5.29	5.28	5.27	5.3	5.96	5.95	5.95	6.0
	Hi PR	237	238	240	243.6	274	275	276	280.2	312	313	315	318.6	353	354	356	360.0	398	399	400	404.5
	Lo PR	139	140	144	149.4	147	148	152	157.5	154	156	159	164.6	160	162	165	170.6	166	167	171	176.5
	MBh	18.3	18.6	19.1	19.9	18.2	18.4	18.9	19.7	17.7	17.9	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5
	S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	29.9	30.3	31.2	-	29.6	30.1	30.9	-	28.8	29.3	30.2	-	27.5	27.9	28.8	-	25.8	26.3	27.2	-	24.3	24.8	25.7	-
	S/T	0.59	0.51	0.37	-	0.59	0.52	0.38	-	0.62	0.54	0.40	-	1.00	0.56	0.42	-	1.00	0.58	0.45	-	1.00	0.64	0.50	-
	ΔT	17.33	15.76	12.83	-	17.29	15.72	12.79	-	17.51	15.94	13.01	-	17.27	15.70	12.77	-	17.06	15.49	12.56	-	18.04	16.47	13.54	-
	kW	1.85	1.85	1.84	-	2.07	2.07	2.07	-	2.33	2.32	2.32	-	2.60	2.60	2.59	-	2.90	2.90	2.90	-	3.26	3.26	3.25	-
	Amps	6.85	6.84	6.82	-	7.83	7.82	7.80	-	8.92	8.92	8.90	-	10.11	10.10	10.08	-	11.43	11.42	11.41	-	12.98	12.98	12.96	-
70	Hi PR	255	256	258	-	295	296	298	-	337	339	340	-	383	384	386	-	432	433	435	-	484	486	487	-
	Lo PR	125	127	130	-	133	134	138	-	140	141	144	-	145	147	150	-	151	152	156	-	158	159	162	-
	MBh	30.4	30.8	31.7	-	30.1	30.6	31.5	-	29.4	29.8	30.7	-	28.0	28.4	29.3	-	26.4	26.8	27.7	-	24.9	25.3	26.2	-
	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	16.02	14.45	11.52	-	15.97	14.41	11.48	-	16.19	14.63	11.70	-	15.96	14.39	11.46	-	15.75	14.18	11.25	-	16.73	15.16	12.23	-
1125	kW	1.86	1.86	1.86	-	2.09	2.09	2.08	-	2.34	2.34	2.34	-	2.61	2.61	2.61	-	2.92	2.92	2.91	-	3.28	3.27	3.27	-
	Amps	6.92	6.91	6.89	-	7.90	7.89	7.88	-	8.99	8.99	8.97	-	10.18	10.17	10.15	-	11.50	11.49	11.48	-	13.05	13.05	13.03	-
	Hi PR	258	259	261	-	298	299	301	-	340	342	343	-	386	387	389	-	435	436	438	-	487	488	490	-
	Lo PR	128	129	132	-	135	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	160	162	165	-
	MBh	30.7	31.1	32.0	-	30.4	30.8	31.7	-	29.6	30.0	30.9	-	28.3	28.7	29.6	-	26.6	27.0	27.9	-	25.1	25.5	26.4	-
1125	S/T	0.70	0.62	0.48	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	1.00	0.67	0.53	-	1.00	0.69	0.56	-	1.00	0.75	0.61	-
	ΔT	15.55	13.98	11.05	-	15.50	13.94	11.01	-	15.72	14.16	11.23	-	15.49	13.92	10.99	-	15.28	13.71	10.78	-	16.26	14.69	11.76	-
	kW	1.87	1.87	1.86	-	2.10	2.09	2.09	-	2.35	2.35	2.34	-	2.62	2.62	2.61	-	2.92	2.92	2.92	-	3.28	3.28	3.28	-
	Amps	6.94	6.94	6.92	-	7.92	7.92	7.90	-	9.02	9.01	8.99	-	10.20	10.20	10.18	-	11.53	11.52	11.50	-	13.08	13.07	13.05	-
	Hi PR	259	260	262	-	299	300	302	-	342	343	345	-	387	388	390	-	436	437	439	-	489	490	491	-
	Lo PR	129	130	134	-	136	138	141	-	143	145	148	-	149	150	154	-	154	156	159	-	161	163	166	-

75	MBh	29.9	30.3	31.2	32.6	29.6	30.1	31.0	32.3	28.9	29.3	30.2	31.6	27.5	27.9	28.8	30.2	25.9	26.3	27.2	28.6	24.4	24.8	25.7	27.1
	S/T	0.72	0.64	0.50	0.4	0.72	0.65	0.51	0.4	1.00	0.67	0.54	0.4	1.00	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	1.00	0.63	0.5
	ΔT	20.78	19.21	16.28	13.2	20.74	19.17	16.24	13.2	20.96	19.39	16.46	13.4	20.72	19.15	16.22	13.2	20.51	18.94	16.01	13.0	21.49	19.92	16.99	14.0
	kW	1.85	1.84	1.84	1.9	2.07	2.07	2.07	2.1	2.32	2.32	2.32	2.3	2.60	2.59	2.59	2.6	2.90	2.90	2.90	2.9	3.26	3.26	3.25	3.3
	Amps	6.84	6.83	6.82	6.9	7.82	7.82	7.80	7.9	8.92	8.91	8.89	9.0	10.10	10.09	10.08	10.2	11.42	11.42	11.40	11.5	12.98	12.97	12.95	13.0
75	Hi PR	255	256	258	262.5	295	297	298	302.8	338	339	341	345.1	383	384	386	390.6	432	433	435	439.6	485	486	488	492.0
	Lo PR	125	127	130	135.3	133	134	138	143.0	140	141	144	149.7	145	147	150	155.3	151	152	156	160.9	158	159	162	167.9
	MBh	30.4	30.8	31.7	33.1	30.2	30.6	31.5	32.8	29.4	29.8	30.7	32.1	28.0	28.4	29.3	30.7	26.4	26.8	27.7	29.1	24.9	25.3	26.2	27.6
	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	1.00	0.67	0.5	1.00	1.00	0.72	0.6
	ΔT	19.47	17.90	14.97	11.9	19.42	17.85	14.93	11.9	19.64	18.08	15.15	12.1	19.41	17.84	14.91	11.9	19.20	17.63	14.70	11.7	20.18	18.61	15.68	12.6
1050	kW	1.86	1.86	1.86	1.9	2.09	2.09	2.08	2.1	2.34	2.34	2.33	2.4	2.61	2.61	2.61	2.6	2.92	2.92	2.91	2.9	3.27	3.27	3.27	3.3
	Amps	6.91	6.91	6.89	7.0	7.89	7.89	7.87	7.9	8.99	8.98	8.96	9.0	10.17	10.16	10.15	10.2	11.49	11.49	11.47	11.5	13.05	13.04	13.02	13.1
	Hi PR	258	259	261	265.4	298	299	301	305.8	341	342	344	348.0	386	387	389	393.5	435	436	438	442.6	488	489	490	494.9
	Lo PR	128	129	132	137.8	135	137	140	145.4	142	144	147	152.1	148	149	152	157.8	153	155	158	163.3	160	162	165	170.3
	MBh	30.7	31.1	32.0	33.4	30.4	30.8	31.7	33.1	29.6	30.1	31.0	32.3	28.3	28.7	29.6	31.0	26.6	27.1	28.0	29.3	25.1	25.6	26.5	27.8
1125	S/T	0.83	0.75	0.61	0.5	1.00	0.76	0.62	0.5	1.00	0.78	0.65	0.5	1.00	0.80	0.67	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.74	0.6
	ΔT	19.00	17.43	14.50	11.5	18.95	17.38	14.46	11.4	19.17	17.61	14.68	11.6	18.94	17.37	14.44	11.4	18.73	17.16	14.23	11.2	19.71	18.14	15.21	12.2
	kW	1.87	1.87	1.86	1.9	2.09	2.09	2.09	2.1	2.35	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.92	2.92	2.92	2.9	3.28	3.28	3.27	3.3
	Amps	6.94	6.93	6.91	7.0	7.92	7.91	7.89	8.0	9.01	9.00	8.99	9.1	10.20	10.19	10.17	10.2	11.52	11.51	11.50	11.6	13.07	13.06	13.05	13.1
	Hi PR	259	260	262	266.6	300	301	302	307.0	342	343	345	349.2	387	388	390	394.7	436	438	439	443.8	489	490	492	496.2
	Lo PR	129	130	134	138.9	136	138	141	146.5	143	145	148	153.2	149	150	154	158.9	154	156	159	164.5	161	163	166	171.4

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

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

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	30.1	30.5	31.4	32.8	29.8	30.2	31.1	32.5	29.0	29.4	30.3	31.7	27.7	28.1	29.0	30.4	26.0	26.4	27.3	28.7	24.5	24.9	25.8	27.2
	S/T	1.00	0.77	0.63	0.5	1.00	0.77	0.64	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.76	0.6
	ΔT	24.25	22.68	19.75	16.7	24.21	22.64	19.71	16.7	24.43	22.86	19.93	16.9	24.19	22.62	19.69	16.7	23.98	22.41	19.48	16.4	24.97	23.40	20.47	17.4
	kW	1.85	1.85	1.84	1.9	2.07	2.07	2.07	2.1	2.33	2.32	2.32	2.3	2.60	2.60	2.59	2.6	2.90	2.90	2.90	2.9	3.26	3.26	3.25	3.3
	Amps	6.85	6.84	6.82	6.9	7.83	7.82	7.80	7.9	8.92	8.91	8.90	9.0	10.11	10.10	10.08	10.2	11.43	11.42	11.41	11.5	12.98	12.97	12.96	13.0
	Lo PR	256	257	258	262.9	296	297	299	303.3	338	339	341	345.5	384	385	387	391.1	433	434	436	440.1	485	486	488	492.5
1050	MBh	126	127	131	135.9	133	135	138	143.5	140	142	145	150.2	146	147	151	155.9	151	153	156	161.4	158	160	163	168.4
	S/T	30.6	31.0	31.9	33.3	30.3	30.7	31.6	33.0	29.5	30.0	30.8	32.2	28.2	28.6	29.5	30.9	26.5	27.0	27.9	29.2	25.0	25.5	26.3	27.7
	ΔT	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
	kW	22.94	21.37	18.44	15.4	22.90	21.33	18.40	15.4	23.12	21.55	18.62	15.6	22.88	21.31	18.38	15.3	22.67	21.10	18.17	15.1	23.65	22.08	19.15	16.1
	Amps	1.86	1.86	1.86	1.9	2.09	2.09	2.08	2.1	2.34	2.34	2.34	2.4	2.61	2.61	2.61	2.6	2.92	2.92	2.91	2.9	3.28	3.27	3.27	3.3
	Lo PR	259	260	261	265.9	299	300	302	306.2	341	342	344	348.5	387	388	390	394.0	436	437	439	443.1	488	489	491	495.4
1125	MBh	128	130	133	138.3	136	137	141	146.0	143	144	147	152.7	148	150	153	158.3	154	155	159	163.9	161	162	165	170.9
	S/T	30.8	31.3	32.2	33.5	30.6	31.0	31.9	33.3	29.8	30.2	31.1	32.5	28.4	28.9	29.8	31.1	26.8	27.2	28.1	29.5	25.3	25.7	26.6	28.0
	ΔT	1.00	0.88	0.74	0.6	1.00	0.89	0.75	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7
	kW	22.47	20.90	17.97	14.9	22.43	20.86	17.93	14.9	22.65	21.08	18.15	15.1	22.41	20.84	17.91	14.9	22.20	20.63	17.70	14.7	23.18	21.61	18.68	15.7
	Amps	1.87	1.87	1.86	1.9	2.10	2.09	2.09	2.1	2.35	2.35	2.34	2.4	2.62	2.62	2.61	2.6	2.92	2.92	2.92	2.9	3.28	3.28	3.28	3.3
	Lo PR	260	261	263	267.1	300	301	303	307.4	342	343	345	349.7	388	389	391	395.2	437	438	440	444.3	489	490	492	496.6
85	MBh	30.6	31.0	31.9	33.3	30.3	30.7	31.6	33.0	29.5	29.9	30.8	32.2	28.2	28.6	29.5	30.9	26.5	26.9	27.8	29.2	25.0	25.4	26.3	27.7
	S/T	1.00	0.87	0.73	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	1.00	0.7
	ΔT	27.33	25.76	22.83	19.8	27.29	25.72	22.79	19.8	27.51	25.94	23.01	20.0	27.27	25.70	22.77	19.7	27.06	25.49	22.57	19.5	28.05	26.48	23.55	20.5
	kW	1.85	1.85	1.85	1.9	2.08	2.08	2.07	2.1	2.33	2.33	2.32	2.3	2.60	2.60	2.60	2.6	2.91	2.90	2.90	2.9	3.26	3.26	3.26	3.3
	Amps	6.87	6.86	6.84	6.9	7.85	7.84	7.82	7.9	8.94	8.93	8.92	9.0	10.13	10.12	10.10	10.2	11.45	11.44	11.42	11.5	13.00	12.99	12.98	13.1
	Lo PR	257	258	260	264.1	297	298	300	304.5	339	340	342	346.7	385	386	388	392.3	434	435	437	441.3	486	487	489	493.7
1050	MBh	128	129	132	137.8	135	137	140	145.4	142	144	147	152.1	148	149	152	157.8	153	155	158	163.3	160	162	165	170.3
	S/T	31.1	31.5	32.4	33.8	30.8	31.2	32.1	33.5	30.0	30.5	31.4	32.7	28.7	29.1	30.0	31.4	27.0	27.5	28.4	29.7	25.5	26.0	26.9	28.2
	ΔT	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
	kW	26.02	24.45	21.52	18.5	25.98	24.41	21.48	18.4	26.20	24.63	21.70	18.7	25.96	24.39	21.46	18.4	25.75	24.18	21.25	18.2	26.73	25.16	22.24	19.2
	Amps	1.87	1.87	1.86	1.9	2.09	2.09	2.09	2.1	2.35	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.92	2.92	2.92	2.9	3.28	3.28	3.27	3.3
	Lo PR	260	261	263	267.1	300	301	303	307.4	342	343	345	349.7	388	389	391	395.2	437	438	440	444.3	489	490	492	496.6
1125	MBh	130	132	135	140.2	138	139	142	147.8	144	146	149	154.5	150	152	155	160.2	156	157	160	165.8	163	164	167	172.7
	S/T	31.3	31.8	32.7	34.0	31.1	31.5	32.4	33.8	30.3	30.7	31.6	33.0	28.9	29.4	30.3	31.6	27.3	27.7	28.6	30.0	25.8	26.2	27.1	28.5
	ΔT	1.00	0.98	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
	kW	25.55	23.98	21.05	18.0	25.51	23.94	21.01	18.0	25.73	24.16	21.23	18.2	25.49	23.92	20.99	18.0	25.28	23.71	20.78	17.7	26.26	24.69	21.77	18.7
	Amps	1.87	1.87	1.87	1.9	2.10	2.10	2.09	2.1	2.35	2.35	2.35	2.4	2.62	2.62	2.62	2.6	2.93	2.93	2.92	2.9	3.29	3.28	3.28	3.3
	Lo PR	261	262	264	268.3	301	302	304	308.6	344	345	346	350.9	389	390	392	396.4	438	439	441	445.5	490	492	493	497.8

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.
Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects AHRI conditions.

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

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	21.5	21.8	22.4	-	21.3	21.6	22.3	-	20.7	21.0	21.7	-	19.8	20.1	20.7	-	18.6	18.9	19.5	-	17.5	17.8	18.5	-
	S/T	0.60	0.52	0.38	-	0.61	0.53	0.39	-	1.00	0.56	0.42	-	1.00	0.58	0.44	-	1.00	0.60	0.46	-	1.00	1.00	0.51	-
	ΔT	16.72	15.21	12.38	-	16.68	15.17	12.34	-	16.89	15.38	12.55	-	16.67	15.15	12.32	-	16.46	14.95	12.12	-	17.41	15.90	13.07	-
	kW	1.16	1.16	1.16	-	1.30	1.30	1.30	-	1.46	1.46	1.46	-	1.63	1.63	1.63	-	1.83	1.82	1.82	-	2.05	2.05	2.05	-
	Amps	4.31	4.30	4.29	-	4.92	4.92	4.91	-	5.61	5.61	5.60	-	6.36	6.35	6.34	-	7.19	7.19	7.17	-	8.17	8.16	8.15	-
725	Hi PR	244	245	246	-	282	283	285	-	323	324	325	-	366	367	369	-	413	414	416	-	463	464	466	-
	Lo PR	129	130	134	-	137	138	141	-	143	145	148	-	149	151	154	-	155	157	160	-	162	164	167	-
	MBh	21.9	22.2	22.8	-	21.7	22.0	22.6	-	21.1	21.4	22.1	-	20.1	20.4	21.1	-	19.0	19.3	19.9	-	17.9	18.2	18.8	-
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	1.00	0.60	-
	ΔT	15.46	13.94	11.12	-	15.41	13.90	11.07	-	15.63	14.11	11.29	-	15.40	13.89	11.06	-	15.20	13.68	10.86	-	16.15	14.63	11.80	-
777	kW	1.17	1.17	1.17	-	1.31	1.31	1.31	-	1.47	1.47	1.47	-	1.64	1.64	1.64	-	1.84	1.83	1.83	-	2.06	2.06	2.06	-
	Amps	4.35	4.35	4.34	-	4.97	4.96	4.95	-	5.66	5.65	5.64	-	6.40	6.40	6.39	-	7.23	7.23	7.22	-	8.21	8.21	8.20	-
	Hi PR	246	248	249	-	285	286	288	-	325	327	328	-	369	370	372	-	416	417	419	-	466	467	469	-
	Lo PR	131	133	136	-	139	141	144	-	146	148	151	-	152	153	157	-	157	159	162	-	165	166	170	-
	MBh	22.0	22.4	23.0	-	21.9	22.2	22.8	-	21.3	21.6	22.2	-	20.3	20.6	21.3	-	19.1	19.4	20.1	-	18.1	18.4	19.0	-
777	S/T	0.72	0.64	0.50	-	0.72	0.64	0.50	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	1.00	0.63	-
	ΔT	15.00	13.49	10.66	-	14.96	13.45	10.62	-	15.17	13.66	10.83	-	14.95	13.43	10.61	-	14.74	13.23	10.40	-	15.69	14.18	11.35	-
	kW	1.18	1.18	1.17	-	1.32	1.32	1.31	-	1.48	1.48	1.47	-	1.65	1.65	1.64	-	1.84	1.84	1.84	-	2.06	2.06	2.06	-
	Amps	4.37	4.36	4.35	-	4.98	4.98	4.97	-	5.67	5.67	5.66	-	6.42	6.41	6.40	-	7.25	7.25	7.23	-	8.23	8.22	8.21	-
	Hi PR	248	249	250	-	286	287	289	-	327	328	329	-	370	371	373	-	417	418	420	-	467	468	470	-
	Lo PR	132	134	137	-	140	142	145	-	147	149	152	-	153	155	158	-	159	160	164	-	166	167	171	-

604	MBh	21.5	21.8	22.5	23.4	21.3	21.6	22.3	23.2	20.8	21.1	21.7	22.7	19.8	20.1	20.7	21.7	18.6	18.9	19.5	20.5	17.5	17.8	18.5	19.4
	S/T	0.74	0.66	0.52	0.4	1.00	0.66	0.52	0.4	1.00	0.69	0.55	0.4	1.00	0.71	0.57	0.4	1.00	1.00	0.59	0.4	1.00	1.00	0.65	0.5
	ΔT	20.05	18.54	15.71	12.8	20.01	18.50	15.67	12.7	20.22	18.71	15.88	13.0	19.99	18.48	15.65	12.7	19.79	18.28	15.45	12.5	20.74	19.23	16.40	13.5
	kW	1.16	1.16	1.16	1.2	1.30	1.30	1.30	1.3	1.46	1.46	1.46	1.5	1.63	1.63	1.63	1.6	1.82	1.82	1.82	1.8	2.05	2.05	2.05	2.1
	Amps	4.30	4.30	4.29	4.3	4.92	4.92	4.91	5.0	5.61	5.60	5.59	5.6	6.35	6.35	6.34	6.4	7.19	7.18	7.17	7.2	8.16	8.16	8.15	8.2
725	Hi PR	244	245	247	250.9	282	284	285	289.5	323	324	326	329.9	366	367	369	373.4	413	414	416	420.3	463	464	466	470.4
	Lo PR	129	130	134	139.1	137	138	141	147.0	143	145	148	153.9	149	151	154	159.7	155	157	160	165.4	162	164	167	172.6
	MBh	21.9	22.2	22.8	23.8	21.7	22.0	22.6	23.6	21.1	21.4	22.1	23.1	20.1	20.5	21.1	22.1	19.0	19.3	19.9	20.9	17.9	18.2	18.8	19.8
	S/T	0.83	0.75	0.61	0.5	1.00	0.76	0.61	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.74	0.6
	ΔT	18.79	17.27	14.44	11.5	18.74	17.23	14.40	11.5	18.96	17.44	14.62	11.7	18.73	17.21	14.39	11.5	18.53	17.01	14.19	11.3	19.47	17.96	15.13	12.2
777	kW	1.17	1.17	1.17	1.2	1.31	1.31	1.31	1.3	1.47	1.47	1.47	1.5	1.64	1.64	1.64	1.7	1.83	1.83	1.83	1.8	2.06	2.06	2.06	2.1
	Amps	4.35	4.34	4.33	4.4	4.96	4.96	4.95	5.0	5.65	5.65	5.64	5.7	6.40	6.39	6.38	6.4	7.23	7.23	7.21	7.3	8.21	8.20	8.19	8.2
	Hi PR	247	248	249	253.7	285	286	288	292.3	326	327	328	332.7	369	370	372	376.2	416	417	419	423.1	466	467	469	473.2
	Lo PR	131	133	136	141.6	139	141	144	149.5	146	148	151	156.4	152	153	157	162.2	158	159	162	167.9	165	166	170	175.1
	MBh	22.1	22.4	23.0	24.0	21.9	22.2	22.8	23.8	21.3	21.6	22.3	23.2	20.3	20.6	21.3	22.3	19.2	19.5	20.1	21.1	18.1	18.4	19.0	20.0
777	S/T	0.85	0.77	0.63	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
	ΔT	18.33	16.82	13.99	11.1	18.29	16.78	13.95	11.0	18.50	16.99	14.16	11.2	18.27	16.76	13.93	11.0	18.07	16.56	13.73	10.8	19.02	17.51	14.68	11.8
	kW	1.18	1.17	1.17	1.2	1.32	1.32	1.31	1.3	1.48	1.47	1.47	1.5	1.65	1.65	1.64	1.7	1.84	1.84	1.83	1.8	2.06	2.06	2.06	2.1
	Amps	4.36	4.36	4.35	4.4	4.98	4.98	4.97	5.0	5.67	5.66	5.65	5.7	6.41	6.41	6.40	6.4	7.25	7.24	7.23	7.3	8.22	8.22	8.21	8.3
	Hi PR	248	249	251	254.9	286	287	289	293.4	327	328	330	333.9	370	371	373	377.4	417	418	420	424.3	467	468	470	474.3
	Lo PR	132	134	137	142.8	140	142	145	150.6	147	149	152	157.5	153	155	158	163.4	159	160	164	169.1	166	167	171	176.2

IDB: Entering Indoor Dry Bulb Temperature

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

Design Subcooling 8 ± 2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ± 2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	21.6	21.9	22.6	23.6	21.4	21.7	22.4	23.4	20.9	21.2	21.8	22.8	19.9	20.2	20.8	21.8	18.7	19.0	19.7	20.6	17.6	17.9	18.6	19.6
	S/T	1.00	0.79	0.65	0.5	1.00	0.80	0.65	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.72	0.6	1.00	1.00	1.00	0.6
	ΔT	23.40	21.89	19.06	16.1	23.36	21.85	19.02	16.1	23.57	22.06	19.23	16.3	23.35	21.83	19.01	16.1	23.14	21.63	18.80	15.9	24.09	22.58	19.75	16.8
	kW	1.16	1.16	1.16	1.2	1.30	1.30	1.30	1.3	1.46	1.46	1.46	1.5	1.63	1.63	1.63	1.6	1.83	1.82	1.82	1.8	2.05	2.05	2.05	2.1
	Amps	4.31	4.30	4.29	4.3	4.92	4.92	4.91	5.0	5.61	5.61	5.60	5.6	6.36	6.35	6.34	6.4	7.19	7.18	7.17	7.2	8.17	8.16	8.15	8.2
	Hi PR	244	245	247	251.4	283	284	286	289.9	323	324	326	330.3	367	368	370	373.8	414	415	416	420.8	464	465	467	470.8
	Lo PR	129	131	134	139.7	137	139	142	147.5	144	146	149	154.4	150	151	155	160.3	156	157	160	166.0	163	164	168	173.1
	MBh	22.0	22.3	22.9	23.9	21.8	22.1	22.7	23.7	21.2	21.5	22.2	23.2	20.3	20.6	21.2	22.2	19.1	19.4	20.0	21.0	18.0	18.3	18.9	19.9
	S/T	1.00	0.88	0.74	0.6	1.00	0.89	0.74	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	22.14	20.62	17.80	14.9	22.10	20.58	17.75	14.8	22.31	20.79	17.97	15.0	22.08	20.57	17.74	14.8	21.88	20.36	17.54	14.6	22.83	21.31	18.48	15.6
85	kW	1.17	1.17	1.17	1.2	1.31	1.31	1.31	1.3	1.47	1.47	1.47	1.5	1.64	1.64	1.64	1.7	1.84	1.83	1.83	1.8	2.06	2.06	2.06	2.1
	Amps	4.35	4.35	4.34	4.4	4.97	4.96	4.95	5.0	5.66	5.65	5.64	5.7	6.40	6.40	6.39	6.4	7.23	7.23	7.22	7.3	8.21	8.21	8.19	8.2
	Hi PR	247	248	250	254.2	286	287	288	292.7	326	327	329	333.2	370	371	372	376.7	417	418	419	423.6	467	468	469	473.6
	Lo PR	132	133	137	142.2	140	141	145	150.0	147	148	151	156.9	152	154	157	162.8	158	160	163	168.5	165	167	170	175.6
	MBh	22.2	22.5	23.1	24.1	22.0	22.3	22.9	23.9	21.4	21.7	22.4	23.4	20.4	20.8	21.4	22.4	19.3	19.6	20.2	21.2	18.2	18.5	19.1	20.1
	S/T	1.00	0.90	0.76	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7
	ΔT	21.68	20.17	17.34	14.4	21.64	20.13	17.30	14.4	21.85	20.34	17.51	14.6	21.63	20.11	17.29	14.4	21.42	19.91	17.08	14.2	22.37	20.86	18.03	15.1
	kW	1.18	1.18	1.17	1.2	1.32	1.32	1.31	1.3	1.48	1.48	1.47	1.5	1.65	1.65	1.64	1.7	1.84	1.84	1.84	1.8	2.06	2.06	2.06	2.1
	Amps	4.37	4.36	4.35	4.4	4.98	4.98	4.97	5.0	5.67	5.67	5.66	5.7	6.42	6.41	6.40	6.4	7.25	7.24	7.19	7.2	8.18	8.17	8.16	8.2
	Hi PR	248	249	251	255.3	287	288	290	293.9	327	328	330	334.3	371	372	374	377.8	418	419	420	424.7	468	469	471	474.8
	Lo PR	133	135	138	143.4	141	142	146	151.2	148	149	153	158.1	154	155	158	163.9	159	161	164	169.6	166	168	171	176.8
85	MBh	22.0	22.3	22.9	23.9	21.8	22.1	22.7	23.7	21.2	21.5	22.2	23.2	20.3	20.6	21.2	22.2	19.1	19.4	20.0	21.0	18.0	18.3	18.9	19.9
	S/T	1.00	0.89	0.75	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.81	0.7	1.00	1.00	1.00	0.7
	ΔT	26.38	24.86	22.03	19.1	26.33	24.82	21.99	19.1	26.55	25.03	22.21	19.3	26.32	24.80	21.98	19.0	26.12	24.60	21.78	18.8	27.06	25.55	22.72	19.8
	kW	1.17	1.16	1.16	1.2	1.31	1.31	1.30	1.3	1.47	1.46	1.46	1.5	1.64	1.64	1.63	1.6	1.83	1.83	1.82	1.8	2.05	2.05	2.05	2.1
	Amps	4.32	4.31	4.30	4.4	4.94	4.93	4.92	5.0	5.62	5.62	5.61	5.7	6.37	6.36	6.35	6.4	7.20	7.20	7.19	7.2	8.18	8.17	8.16	8.2
	Hi PR	245	247	248	252.5	284	285	287	291.1	324	326	327	331.5	368	369	371	375.0	415	416	418	421.9	465	466	468	472.0
	Lo PR	131	133	136	141.6	139	141	144	149.5	146	148	151	156.4	152	153	157	162.2	158	159	162	167.9	165	166	170	175.1
	MBh	22.4	22.7	23.3	24.3	22.2	22.5	23.1	24.1	21.6	21.9	22.5	23.5	20.6	20.9	21.6	22.6	19.4	19.7	20.4	21.4	18.4	18.7	19.3	20.3
	S/T	1.00	0.98	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
	ΔT	25.11	23.59	20.77	17.8	25.07	23.55	20.73	17.8	25.28	23.77	20.94	18.0	25.05	23.54	20.71	17.8	24.85	23.34	20.51	17.6	25.80	24.28	21.46	18.5
85	kW	1.18	1.17	1.17	1.2	1.32	1.32	1.31	1.3	1.48	1.47	1.47	1.5	1.65	1.65	1.64	1.7	1.84	1.84	1.83	1.8	2.06	2.06	2.06	2.1
	Amps	4.36	4.36	4.35	4.4	4.98	4.97	4.96	5.0	5.67	5.66	5.65	5.7	6.41	6.41	6.40	6.4	7.25	7.24	7.23	7.3	8.22	8.22	8.21	8.3
	Hi PR	248	249	251	255.3	287	288	290	293.9	327	328	330	334.3	371	372	374	377.8	418	419	420	424.7	468	469	471	474.8
	Lo PR	134	135	139	144.1	142	143	146	152.0	148	150	153	158.9	154	156	159	164.7	160	162	165	170.4	167	169	172	177.6
	MBh	22.5	22.8	23.5	24.5	22.3	22.6	23.3	24.3	21.8	22.1	22.7	23.7	20.8	21.1	21.8	22.7	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5
	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	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
	ΔT	24.66	23.14	20.31	17.4	24.61	23.10	20.27	17.3	24.83	23.31	20.49	17.6	24.60	23.08	20.26	17.3	24.40	22.88	20.06	17.1	25.34	23.83	21.00	18.1
	kW	1.18	1.18	1.18	1.2	1.32	1.32	1.32	1.3	1.48	1.48	1.48	1.5	1.65	1.65	1.65	1.7	1.84	1.84	1.84	1.8	2.07	2.07	2.06	2.1
	Amps	4.38	4.37	4.36	4.4	5.00	4.99	4.98	5.0	5.68	5.68	5.67	5.7	6.43	6.42	6.41	6.5	7.26	7.26	7.25	7.3	8.24	8.23	8.22	8.3
	Hi PR	249	251	252	256.5	288	289	291	295.0	328	329	331	335.5	372	373	375	379.0	419	420	422	425.9	469	470	472	475.9
	Lo PR	135	136	140	145.3	143	144	148	153.2	150	151	155	160.0	155	157	160	165.9	161	163	166	171.6	168	170	173	178.7

IDB: Entering Indoor Dry Bulb Temperature

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

Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects AHR1 conditions.

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	34.6	35.1	36.1	-	34.3	34.8	35.8	-	33.4	33.9	34.9	-	31.8	32.3	33.3	-	29.9	30.4	31.4	-	28.2	28.7	29.7	-
	S/T	0.61	0.54	0.40	-	0.62	0.54	0.41	-	1.00	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.61	0.47	-	1.00	1.00	0.53	-
	ΔT	11.50	10.43	8.45	-	11.47	10.40	8.42	-	11.62	10.55	8.57	-	11.46	10.39	8.41	-	11.31	10.25	8.27	-	11.98	10.92	8.93	-
	kW	2.14	2.14	2.14	-	2.40	2.40	2.39	-	2.69	2.69	2.68	-	3.00	3.00	2.99	-	3.35	3.34	3.34	-	3.75	3.75	3.75	-
	Amps	7.94	7.93	7.92	-	9.06	9.05	9.04	-	10.31	10.30	10.29	-	11.67	11.66	11.64	-	13.18	13.17	13.15	-	14.95	14.94	14.92	-
1200	Hi PR	250	251	253	-	289	290	292	-	331	332	333	-	375	376	378	-	423	424	426	-	474	475	477	-
	Lo PR	129	130	134	-	137	138	141	-	143	145	148	-	149	151	154	-	155	157	160	-	162	164	167	-
	MBh	35.0	35.5	36.6	-	34.7	35.2	36.3	-	33.8	34.3	35.4	-	32.3	32.8	33.8	-	30.4	30.9	31.9	-	28.6	29.1	30.2	-
	S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	1.00	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	1.00	0.59	-
	ΔT	10.85	9.79	7.80	-	10.82	9.76	7.78	-	10.97	9.91	7.93	-	10.81	9.75	7.76	-	10.67	9.61	7.62	-	11.34	10.27	8.29	-
1350	kW	2.16	2.15	2.15	-	2.41	2.41	2.41	-	2.70	2.70	2.69	-	3.01	3.01	3.01	-	3.36	3.36	3.35	-	3.77	3.77	3.76	-
	Amps	8.00	7.99	7.97	-	9.12	9.11	9.09	-	10.37	10.36	10.34	-	11.72	11.71	11.70	-	13.23	13.23	13.21	-	15.01	15.00	14.98	-
	Hi PR	252	253	255	-	291	293	294	-	333	334	336	-	377	378	380	-	425	426	428	-	476	477	479	-
	Lo PR	131	132	136	-	138	140	143	-	145	147	150	-	151	153	156	-	157	158	162	-	164	166	169	-
	MBh	35.6	36.1	37.1	-	35.3	35.8	36.8	-	34.4	34.9	35.9	-	32.8	33.3	34.3	-	30.9	31.4	32.4	-	29.2	29.7	30.7	-
1050	S/T	0.71	0.63	0.50	-	0.72	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.71	0.57	-	1.00	1.00	0.62	-
	ΔT	10.31	9.25	7.26	-	10.28	9.22	7.24	-	10.43	9.37	7.38	-	10.27	9.21	7.22	-	10.13	9.07	7.08	-	10.80	9.73	7.75	-
	kW	2.17	2.17	2.16	-	2.43	2.42	2.42	-	2.71	2.71	2.71	-	3.02	3.02	3.02	-	3.37	3.37	3.36	-	3.78	3.78	3.77	-
	Amps	8.05	8.04	8.02	-	9.17	9.16	9.14	-	10.42	10.41	10.39	-	11.77	11.76	11.74	-	13.28	13.27	13.26	-	15.06	15.05	15.03	-
	Hi PR	254	255	257	-	294	295	296	-	335	336	338	-	379	380	382	-	427	428	430	-	478	480	481	-
	Lo PR	133	134	138	-	141	142	145	-	147	149	152	-	153	155	158	-	159	161	164	-	166	168	171	-
75	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	31.8	32.3	33.4	34.9	29.9	30.4	31.5	33.0	28.2	28.7	29.7	31.3
	S/T	0.75	0.67	0.53	0.4	1.00	0.67	0.54	0.4	1.00	0.70	0.56	0.4	1.00	0.72	0.58	0.4	1.00	1.00	0.60	0.5	1.00	1.00	0.66	0.5
	ΔT	13.83	12.77	10.78	8.7	13.80	12.74	10.76	8.7	13.95	12.89	10.90	8.8	13.79	12.73	10.74	8.7	13.65	12.59	10.60	8.5	14.32	13.25	11.27	9.2
	kW	2.14	2.14	2.13	2.2	2.40	2.40	2.39	2.4	2.69	2.68	2.68	2.7	3.00	3.00	2.99	3.0	3.34	3.34	3.34	3.4	3.75	3.75	3.75	3.8
	Amps	7.94	7.93	7.91	8.0	9.06	9.05	9.03	9.1	10.31	10.30	10.28	10.4	11.66	11.65	11.63	11.7	13.17	13.16	13.14	13.2	14.94	14.93	14.91	15.0
1200	Hi PR	250	251	253	257.3	290	291	292	296.8	331	332	334	338.1	375	376	378	382.5	423	424	426	430.5	474	476	477	481.7
	Lo PR	129	130	134	139.1	137	138	141	147.0	143	145	148	153.8	149	151	154	159.6	155	157	160	165.3	162	164	167	172.5
	MBh	35.1	35.6	36.6	38.2	34.8	35.2	36.3	37.9	33.9	34.3	35.4	37.0	32.3	32.8	33.8	35.4	30.4	30.9	31.9	33.5	28.7	29.2	30.2	31.8
	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	1.00	0.67	0.5	1.00	1.00	0.72	0.6
	ΔT	13.19	12.13	10.14	8.1	13.16	12.10	10.11	8.1	13.31	12.25	10.26	8.2	13.15	12.09	10.10	8.0	13.01	11.95	9.96	7.9	13.67	12.61	10.63	8.6
1350	kW	2.15	2.15	2.15	2.2	2.41	2.41	2.41	2.4	2.70	2.70	2.69	2.7	3.01	3.01	3.00	3.0	3.36	3.36	3.35	3.4	3.77	3.76	3.76	3.8
	Amps	7.99	7.99	7.97	8.1	9.11	9.11	9.09	9.2	10.36	10.36	10.34	10.4	11.72	11.71	11.69	11.8	13.23	13.22	13.20	13.3	15.00	14.99	14.97	15.1
	Hi PR	252	253	255	259.4	292	293	295	298.9	333	334	336	340.2	377	379	380	384.7	425	427	428	432.6	477	478	479	483.8
	Lo PR	131	132	136	141.0	139	140	143	148.9	145	147	150	155.7	151	153	156	161.5	157	158	162	167.2	164	166	169	174.4
	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	32.8	33.3	34.4	35.9	30.9	31.4	32.5	34.0	29.2	29.7	30.7	32.3
	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	1.00	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.75	0.6
	ΔT	12.65	11.59	9.60	7.5	12.62	11.56	9.57	7.5	12.77	11.71	9.72	7.7	12.61	11.55	9.56	7.5	12.47	11.40	9.42	7.4	13.13	12.07	10.09	8.0
	kW	2.17	2.16	2.16	2.2	2.42	2.42	2.42	2.4	2.71	2.71	2.70	2.7	3.02	3.02	3.02	3.0	3.37	3.37	3.36	3.4	3.78	3.78	3.77	3.8
	Amps	8.04	8.03	8.02	8.1	9.16	9.15	9.13	9.2	10.41	10.40	10.38	10.5	11.77	11.76	11.74	11.8	13.28	13.27	13.25	13.3	15.05	15.04	15.02	15.1
	Hi PR	254	255	257	261.5	294	295	297	300.9	335	336	338	342.2	380	381	382	386.7	427	429	430	434.7	479	480	482	485.9
	Lo PR	133	134	138	143.1	141	142	145	151.0	147	149	152	157.8	153	155	158	163.6	159	161	164	169.3	166	168	171	176.5

IDB: Entering Indoor Dry Bulb Temperature

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

Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		IDB		AIRFLOW		ENTERING INDOOR WET BULB TEMPERATURE																															
80	1050	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71											
			34.8	35.3	36.3	37.9	34.5	35.0	36.0	37.6	33.6	34.1	35.1	36.7	32.0	32.5	33.5	35.1	30.1	30.6	31.6	33.2	28.4	28.9	29.9	31.5											
			S/T	1.00	0.80	0.66	0.5	1.00	0.80	0.66	0.5	1.00	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	1.00	0.6											
			ΔT	16.19	15.12	13.14	11.1	16.16	15.09	13.11	11.1	16.31	15.24	13.26	11.1	16.15	15.08	13.10	11.0	16.00	14.94	12.96	10.9	16.67	15.61	13.62	11.6										
			kW	2.14	2.14	2.14	2.2	2.40	2.40	2.39	2.4	2.69	2.69	2.68	2.7	3.00	3.00	2.99	3.0	3.35	3.34	3.34	3.4	3.75	3.75	3.75	3.8										
	Amps	7.94	7.93	7.91	8.0	9.06	9.05	9.03	9.1	10.31	10.30	10.28	10.4	11.66	11.66	11.64	11.7	13.18	13.17	13.15	13.2	14.95	14.94	14.92	15.0												
	Hi PR	251	252	253	257.8	290	291	293	297.2	331	332	334	338.5	376	377	379	383.0	424	425	427	431.0	475	476	478	482.2												
	Lo PR	129	131	134	139.7	137	139	142	147.6	144	146	149	154.4	150	151	155	160.2	156	157	160	165.9	163	164	168	173.0												
	1200	MBh	35.2	35.7	36.8	38.3	34.9	35.4	36.5	38.0	34.0	34.5	35.6	37.1	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	31.9											
			S/T	1.00	0.86	0.72	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	0.79	0.6	1.00	1.00	1.00	0.7										
ΔT			15.54	14.48	12.50	10.4	15.51	14.45	12.47	10.4	15.66	14.60	12.62	10.6	15.50	14.44	12.46	10.4	15.36	14.30	12.31	10.3	16.03	14.96	12.98	10.9											
kW			2.16	2.15	2.15	2.2	2.41	2.41	2.41	2.4	2.70	2.70	2.69	2.7	3.01	3.01	3.01	3.0	3.36	3.36	3.35	3.4	3.77	3.77	3.76	3.8											
Amps			8.00	7.99	7.97	8.1	9.12	9.11	9.09	9.2	10.37	10.36	10.34	10.4	11.72	11.71	11.69	11.8	13.23	13.22	13.21	13.3	15.01	15.00	14.98	15.1											
1350	MBh	35.8	36.3	37.3	38.9	35.5	36.0	37.0	38.6	34.6	35.1	36.1	37.7	33.0	33.5	34.5	36.1	31.1	31.6	32.6	34.2	29.4	29.9	30.9	32.5												
		S/T	1.00	0.89	0.75	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	0.83	0.7	1.00	1.00	1.00	0.7											
		ΔT	15.00	13.94	11.95	9.9	14.97	13.91	11.93	9.9	15.12	14.06	12.08	10.0	14.96	13.90	11.92	9.9	14.82	13.76	11.77	9.7	15.49	14.42	12.44	10.4											
		kW	2.17	2.17	2.16	2.2	2.42	2.42	2.42	2.4	2.71	2.71	2.71	2.7	3.02	3.02	3.02	3.0	3.37	3.37	3.36	3.4	3.78	3.78	3.77	3.8											
		Amps	8.05	8.04	8.02	8.1	9.17	9.16	9.14	9.2	10.42	10.41	10.39	10.5	11.77	11.76	11.74	11.8	13.28	13.27	13.25	13.3	15.06	15.05	15.03	15.1											
1050	MBh	35.4	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.2	34.6	35.7	37.3	32.6	33.1	34.1	35.7	30.7	31.2	32.2	33.8	29.0	29.5	30.5	32.1												
		S/T	1.00	0.90	0.76	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	1.00	1.00	1.00	0.7											
		ΔT	18.27	17.21	15.23	13.2	18.24	17.18	15.20	13.1	18.39	17.33	15.35	13.3	18.23	17.17	15.19	13.1	18.09	17.03	15.04	13.0	18.76	17.69	15.71	13.7											
		kW	2.15	2.15	2.14	2.2	2.41	2.40	2.40	2.4	2.69	2.69	2.69	2.7	3.00	3.00	3.00	3.0	3.35	3.35	3.34	3.4	3.76	3.76	3.75	3.8											
		Amps	7.96	7.95	7.94	8.0	9.08	9.07	9.06	9.1	10.33	10.32	10.31	10.4	11.69	11.68	11.66	11.7	13.20	13.19	13.17	13.3	14.97	14.96	14.94	15.0											
1200	MBh	35.8	36.3	37.3	38.9	35.5	36.0	37.0	38.6	34.6	35.1	36.1	37.7	33.1	33.5	34.6	36.2	31.2	31.7	32.7	34.3	29.4	29.9	30.9	32.5												
		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	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8											
		ΔT	17.63	16.57	14.58	12.5	17.60	16.54	14.55	12.5	17.75	16.69	14.70	12.6	17.59	16.53	14.54	12.5	17.45	16.39	14.40	12.3	18.11	17.05	15.07	13.0											
		kW	2.16	2.16	2.15	2.2	2.42	2.42	2.41	2.4	2.71	2.70	2.70	2.7	3.02	3.02	3.01	3.0	3.36	3.36	3.36	3.4	3.77	3.77	3.77	3.8											
		Amps	8.02	8.01	7.99	8.1	9.14	9.13	9.11	9.2	10.39	10.38	10.36	10.4	11.74	11.73	11.72	11.8	13.25	13.25	13.23	13.3	15.03	15.02	15.00	15.1											
1350	MBh	35.4	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.2	34.6	35.7	37.3	32.6	33.1	34.1	35.7	30.7	31.2	32.2	33.8	29.0	29.5	30.5	32.1												
		S/T	1.00	0.90	0.76	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	1.00	1.00	1.00	0.7											
		ΔT	18.27	17.21	15.23	13.2	18.24	17.18	15.20	13.1	18.39	17.33	15.35	13.3	18.23	17.17	15.19	13.1	18.09	17.03	15.04	13.0	18.76	17.69	15.71	13.7											
		kW	2.15	2.15	2.14	2.2	2.41	2.40	2.40	2.4	2.69	2.69	2.69	2.7	3.00	3.00	3.00	3.0	3.35	3.35	3.34	3.4	3.76	3.76	3.75	3.8											
		Amps	7.96	7.95	7.94	8.0	9.08	9.07	9.06	9.1	10.33	10.32	10.31	10.4	11.69	11.68	11.66	11.7	13.20	13.19	13.17	13.3	14.97	14.96	14.94	15.0											
85	1050	MBh	35.4	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.2	34.6	35.7	37.3	32.6	33.1	34.1	35.7	30.7	31.2	32.2	33.8	29.0	29.5	30.5	32.1											
			S/T	1.00	0.90	0.76	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	1.00	1.00	1.00	0.7										
			ΔT	18.27	17.21	15.23	13.2	18.24	17.18	15.20	13.1	18.39	17.33	15.35	13.3	18.23	17.17	15.19	13.1	18.09	17.03	15.04	13.0	18.76	17.69	15.71	13.7										
			kW	2.15	2.15	2.14	2.2	2.41	2.40	2.40	2.4	2.69	2.69	2.69	2.7	3.00	3.00	3.00	3.0	3.35	3.35	3.34	3.4	3.76	3.76	3.75	3.8										
			Amps	7.96	7.95	7.94	8.0	9.08	9.07	9.06	9.1	10.33	10.32	10.31	10.4	11.69	11.68	11.66	11.7	13.20	13.19	13.17	13.3	14.97	14.96	14.94	15.0										
1200	MBh	35.8	36.3	37.3	38.9	35.5	36.0	37.0	38.6	34.6	35.1	36.1	37.7	33.1	33.5	34.6	36.2	31.2	31.7	32.7	34.3	29.4	29.9	30.9	32.5												
		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	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8											
		ΔT	17.63	16.57	14.58	12.5	17.60	16.54	14.55	12.5	17.75	16.69	14.70	12.6	17.59	16.53	14.54	12.5	17.45	16.39	14.40	12.3	18.11	17.05	15.07	13.0											
		kW	2.16	2.16	2.15	2.2	2.42	2.42	2.41	2.4	2.71	2.70	2.70	2.7	3.02	3.02	3.01	3.0	3.36	3.36	3.36	3.4	3.77	3.77	3.77	3.8											
		Amps	8.02	8.01	7.99	8.1	9.14	9.13	9.11	9.2	10.39	10.38	10.36	10.4	11.74	11.73	11.72	11.8	13.25	13.25	13.23	13.3	15.03	15.02	15.00	15.1											
1350	MBh	35.8	36.3	37.3	38.9	35.5	36.0	37.0	38.6	34.6	35.1	36.1	37.7	33.1	33.5	34.6	36.2	31.2	31.7	32.7	34.3	29.4	29.9	30.9	32.5												
		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	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8											
		ΔT	17.63	16.57	14.58	12.5	17.60	16.54	14.55	12.5	17.75	16.69	14.70	12.6	17.59	16.53	14.54	12.5	17.45	16.39	14.40	12.3	18.11	17.05	15.07	13.0											
		kW	2.16	2.16	2.15	2.2	2.42	2.42	2.41	2.4	2.71	2.70	2.70	2.7	3.02	3.02	3.01	3.0	3.36	3.36	3.36	3.4	3.77	3.77	3.77	3.8											
		Amps	8.02	8.01	7.99	8.1	9.14	9.13	9.11	9.2	10.39	10.38	10.36	10.4	11.74	11.73	11.72	11.8	13.25	13.25	13.23	13.3	15.03	15.02	15.00	15.1											
1050	MBh	35.4	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.2	34.6	35.7	37.3	32.6	33.1	34.1	35.7	30.7	31.2	32.2	33.8	29.0	29.5	30.5	32.1												
		S/T	1.00	0.90	0.76	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	1.00	1.00	1.00	0.7											
		ΔT	18.27	17.21	15.23	13.2	18.24	17.18	15.20	13.1	18.39	17.33	15.35	13.3	18.23	17.17	15.19	13.1	18.09	17.03	15.04	13.0	18.76	17.69	15.71	13.7											
		kW	2.15	2.15	2.14	2.2	2.41	2.40	2.40	2.4	2.69	2.69	2.69	2.7	3.00	3.00	3.00	3.0	3.35	3.35	3.34	3.4	3.76	3.76	3.75	3.8											
		Amps	7.96	7.95	7.94	8.0	9.08	9.07	9.06	9.1	10.33	10.32	10.31	10.4	11.69	11.68	11.66	11.7	13.20	13.19	13.17	13.3	14.97	14.96	14.94	15.											

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	24.9	25.2	26.0	-	24.6	25.0	25.7	-	24.0	24.4	25.1	-	22.9	23.2	24.0	-	21.5	21.9	22.6	-	20.3	20.6	21.4	-
	S/T	0.63	0.55	0.41	-	0.64	0.56	0.42	-	1.00	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.63	0.49	-	1.00	1.00	0.54	-
	ΔT	11.09	10.07	8.15	-	11.06	10.04	8.12	-	11.21	10.18	8.27	-	11.05	10.03	8.11	-	10.92	9.89	7.98	-	11.56	10.53	8.62	-
	kW	1.35	1.35	1.34	-	1.51	1.51	1.51	-	1.69	1.69	1.69	-	1.89	1.89	1.88	-	2.11	2.10	2.10	-	2.36	2.36	2.36	-
	Amps	5.00	4.99	4.98	-	5.70	5.70	5.68	-	6.49	6.48	6.47	-	7.34	7.33	7.32	-	8.29	8.28	8.27	-	9.40	9.40	9.39	-
	Hi PR	239	240	242	-	277	278	279	-	316	317	319	-	359	360	361	-	404	406	407	-	453	454	456	-
825	Lo PR	132	134	137	-	140	142	145	-	147	149	152	-	153	155	158	-	159	161	164	-	167	168	172	-
	MBh	25.2	25.5	26.3	-	25.0	25.3	26.1	-	24.3	24.7	25.4	-	23.2	23.6	24.3	-	21.8	22.2	22.9	-	20.6	20.9	21.7	-
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	1.00	0.60	-
	ΔT	10.47	9.45	7.53	-	10.45	9.42	7.50	-	10.59	9.56	7.65	-	10.43	9.41	7.49	-	10.30	9.27	7.36	-	10.94	9.91	8.00	-
	kW	1.36	1.36	1.35	-	1.52	1.52	1.51	-	1.70	1.70	1.70	-	1.89	1.89	1.89	-	2.11	2.11	2.11	-	2.37	2.37	2.37	-
	Amps	5.03	5.03	5.02	-	5.74	5.73	5.72	-	6.52	6.52	6.51	-	7.37	7.37	7.36	-	8.32	8.32	8.31	-	9.44	9.43	9.42	-
928	Hi PR	241	242	244	-	279	280	281	-	318	319	321	-	361	362	363	-	407	408	409	-	455	456	458	-
	Lo PR	134	136	139	-	142	144	147	-	149	151	154	-	155	157	160	-	161	163	166	-	169	170	174	-
	MBh	25.6	25.9	26.7	-	25.4	25.7	26.5	-	24.7	25.1	25.8	-	23.6	24.0	24.7	-	22.2	22.6	23.3	-	21.0	21.3	22.1	-
	S/T	0.73	0.65	0.51	-	1.00	0.66	0.51	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	1.00	0.58	-	1.00	1.00	0.64	-
	ΔT	9.95	8.93	7.01	-	9.92	8.90	6.98	-	10.07	9.04	7.13	-	9.91	8.89	6.97	-	9.78	8.75	6.83	-	10.42	9.39	7.48	-
	kW	1.36	1.36	1.36	-	1.53	1.52	1.52	-	1.71	1.70	1.70	-	1.90	1.90	1.90	-	2.12	2.12	2.12	-	2.38	2.38	2.37	-
928	Amps	5.06	5.06	5.05	-	5.77	5.76	5.75	-	6.55	6.55	6.54	-	7.40	7.40	7.39	-	8.36	8.35	8.34	-	9.47	9.46	9.45	-
	Hi PR	243	244	246	-	281	282	283	-	320	321	323	-	363	364	365	-	408	410	411	-	457	458	460	-
	Lo PR	136	138	141	-	145	146	150	-	152	153	157	-	158	159	163	-	163	165	168	-	171	172	176	-

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
722	MBh	24.9	25.2	26.0	-	24.6	25.0	25.7	-	24.0	24.4	25.1	-	22.9	23.2	24.0	-	21.5	21.9	22.6	-	20.3	20.6	21.4	-
	S/T	0.77	0.69	0.55	0.4	1.00	0.69	0.55	0.4	1.00	0.72	0.58	0.4	1.00	0.70	0.56	0.4	1.00	1.00	0.62	0.5	1.00	1.00	0.67	0.5
	ΔT	13.35	12.32	10.41	8.4	13.32	12.29	10.38	8.4	13.46	12.44	10.52	8.5	13.31	12.28	10.37	8.4	13.17	12.15	10.23	8.2	13.82	12.79	10.87	8.9
	kW	1.35	1.35	1.34	1.4	1.51	1.51	1.50	1.5	1.69	1.69	1.69	1.7	1.89	1.88	1.88	1.9	2.10	2.10	2.10	2.1	2.36	2.36	2.36	2.4
	Amps	4.99	4.99	4.97	5.0	5.70	5.69	5.68	5.7	6.48	6.48	6.46	6.5	7.33	7.33	7.32	7.4	8.28	8.28	8.27	8.3	9.40	9.39	9.38	9.4
	Hi PR	239	240	242	246.0	277	278	280	283.7	316	317	319	323.2	359	360	362	365.7	405	406	407	411.6	454	455	456	460.5
825	Lo PR	132	134	137	143.0	140	142	145	151.1	148	149	153	158.2	153	155	158	164.1	159	161	164	170.0	167	168	172	177.3
	MBh	25.2	25.6	26.3	27.4	25.0	25.3	26.1	27.2	24.3	24.7	25.4	26.6	23.2	23.6	24.3	25.5	21.9	22.2	23.0	24.1	20.6	21.0	21.7	22.8
	S/T	1.00	0.75	0.61	0.5	1.00	0.76	0.61	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.74	0.6
	ΔT	12.73	11.70	9.79	7.8	12.70	11.67	9.76	7.8	12.84	11.82	9.90	7.9	12.69	11.66	9.75	7.8	12.55	11.53	9.61	7.6	13.20	12.17	10.25	8.3
	kW	1.36	1.35	1.35	1.4	1.52	1.52	1.51	1.5	1.70	1.70	1.69	1.7	1.89	1.89	1.89	1.9	2.11	2.11	2.11	2.1	2.37	2.37	2.36	2.4
	Amps	5.03	5.02	5.01	5.1	5.73	5.73	5.72	5.8	6.52	6.51	6.50	6.6	7.37	7.36	7.35	7.4	8.32	8.31	8.30	8.4	9.44	9.43	9.42	9.5
928	Hi PR	241	242	244	248.0	279	280	282	285.7	318	319	321	325.2	361	362	364	367.7	407	408	409	413.6	456	457	458	462.5
	Lo PR	134	136	139	145.0	142	144	147	153.0	149	151	154	160.1	155	157	160	166.1	161	163	166	171.9	169	170	174	179.2
	MBh	25.6	26.0	26.7	27.8	25.4	25.7	26.5	27.6	24.7	25.1	25.8	27.0	23.6	24.0	24.7	25.8	22.2	22.6	23.3	24.5	21.0	21.4	22.1	23.2
	S/T	1.00	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	1.00	0.6
	ΔT	12.21	11.18	9.27	7.3	12.18	11.15	9.24	7.3	12.32	11.30	9.38	7.4	12.17	11.14	9.23	7.2	12.03	11.01	9.09	7.1	12.67	11.65	9.73	7.7
	kW	1.36	1.36	1.36	1.4	1.52	1.52	1.52	1.5	1.71	1.70	1.70	1.7	1.90	1.90	1.90	1.9	2.12	2.12	2.12	2.1	2.38	2.37	2.37	2.4
928	Amps	5.06	5.05	5.04	5.1	5.76	5.76	5.75	5.8	6.55	6.54	6.53	6.6	7.40	7.39	7.38	7.4	8.35	8.35	8.33	8.4	9.47	9.46	9.45	9.5
	Hi PR	243	244	246	250.0	281	282	284	287.7	320	321	323	327.2	363	364	366	369.7	409	410	411	415.6	458	459	460	464.5
	Lo PR	137	138	142	147.1	145	146	150	155.2	152	153	157	162.3	158	159	163	168.2	163	165	168	174.1	171	172	176	181.4

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		IDB		AIRFLOW		ENTERING INDOOR WET BULB TEMPERATURE																															
						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	722	MBh	25.0	25.4	26.1	27.2	24.8	25.1	25.9	27.0	24.1	24.5	25.2	26.4	23.0	23.4	24.1	25.3	21.7	22.0	22.8	23.9	20.4	20.8	21.5	22.6											
		S/T	1.00	0.82	0.68	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	1.00	0.7											
		ΔT	15.62	14.59	12.68	10.7	15.59	14.57	12.65	10.7	15.74	14.71	12.79	10.8	15.58	14.55	12.64	10.7	15.44	14.42	12.50	10.5	16.09	15.06	13.14	11.2											
		kW	1.35	1.35	1.34	1.4	1.51	1.51	1.51	1.5	1.69	1.69	1.69	1.7	1.89	1.88	1.88	1.9	2.10	2.10	2.10	2.1	2.36	2.36	2.36	2.4											
		Amps	5.00	4.99	4.98	5.0	5.70	5.69	5.68	5.7	6.49	6.48	6.47	6.5	7.34	7.33	7.32	7.4	8.29	8.28	8.27	8.3	9.40	9.40	9.38	9.4											
		Hi PR	240	241	242	246.4	277	278	280	284.1	317	318	319	323.6	359	360	362	366.2	405	406	408	412.0	454	455	457	460.9											
		Lo PR	133	135	138	143.6	141	143	146	151.7	148	150	153	158.7	154	156	159	164.7	160	162	165	170.6	167	169	172	177.9											
		MBh	25.3	25.7	26.4	27.6	25.1	25.5	26.2	27.3	24.5	24.8	25.6	26.7	23.4	23.7	24.4	25.6	22.0	22.3	23.1	24.2	20.7	21.1	21.8	23.0											
		S/T	1.00	0.88	0.74	0.6	1.00	0.89	0.74	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	15.00	13.97	12.06	10.1	14.97	13.95	12.03	10.0	15.12	14.09	12.17	10.2	14.96	13.94	12.02	10.0	14.82	13.80	11.88	9.9	15.47	14.44	12.52	10.5											
80	825	kW	1.36	1.35	1.35	1.4	1.52	1.52	1.51	1.5	1.70	1.70	1.69	1.7	1.89	1.89	1.89	1.9	2.11	2.11	2.11	2.1	2.37	2.37	2.37	2.4											
		Amps	5.03	5.03	5.01	5.1	5.74	5.73	5.72	5.8	6.52	6.52	6.50	6.6	7.37	7.37	7.36	7.4	8.32	8.32	8.31	8.4	9.44	9.43	9.42	9.5											
		Hi PR	242	243	244	248.5	279	280	282	286.2	319	320	321	325.7	361	362	364	368.2	407	408	410	414.0	456	457	459	463.0											
		Lo PR	135	137	140	145.6	143	145	148	153.6	150	152	155	160.7	156	158	161	166.6	162	163	167	172.5	169	171	174	179.8											
		MBh	25.7	26.1	26.8	28.0	25.5	25.9	26.6	27.7	24.9	25.2	26.0	27.1	23.7	24.1	24.8	26.0	22.4	22.7	23.5	24.6	21.1	21.5	22.2	23.4											
		S/T	1.00	0.91	0.77	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8											
		ΔT	14.48	13.45	11.54	9.6	14.45	13.42	11.51	9.5	14.59	13.57	11.65	9.7	14.44	13.41	11.50	9.5	14.30	13.28	11.36	9.4	14.94	13.92	12.00	10.0											
		kW	1.36	1.36	1.36	1.4	1.53	1.52	1.52	1.5	1.71	1.70	1.70	1.7	1.90	1.90	1.90	1.9	2.12	2.12	2.12	2.1	2.38	2.38	2.37	2.4											
		Amps	5.06	5.06	5.05	5.1	5.77	5.76	5.75	5.8	6.55	6.55	6.54	6.6	7.40	7.40	7.39	7.4	8.35	8.35	8.34	8.4	9.47	9.46	9.45	9.5											
		Hi PR	244	245	246	250.4	281	282	284	288.1	321	322	323	327.6	363	364	366	370.2	409	410	412	416.0	458	459	461	464.9											
80	928	Lo PR	137	139	142	147.7	145	147	150	155.8	152	154	157	162.8	158	160	163	168.8	164	166	169	174.7	171	173	176	182.0											
		85	722	MBh	25.4	25.8	26.5	27.7	25.2	25.6	26.3	27.4	24.6	24.9	25.7	26.8	23.4	23.8	24.5	25.7	22.1	22.4	23.2	24.3	20.8	21.2	21.9	23.1									
				S/T	1.00	1.00	0.78	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	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8									
				ΔT	17.63	16.61	14.69	12.7	17.61	16.58	14.66	12.7	17.75	16.72	14.81	12.8	17.60	16.57	14.65	12.7	17.46	16.43	14.52	12.5	18.10	17.07	15.16	13.2									
				kW	1.35	1.35	1.35	1.4	1.51	1.51	1.51	1.5	1.69	1.69	1.69	1.7	1.89	1.89	1.89	1.9	2.11	2.11	2.10	2.1	2.36	2.36	2.36	2.4									
				Amps	5.01	5.00	4.99	5.0	5.71	5.71	5.70	5.7	6.50	6.49	6.48	6.5	7.35	7.34	7.33	7.4	8.30	8.30	8.28	8.3	9.42	9.41	9.40	9.5									
				Hi PR	241	242	243	247.6	278	279	281	285.3	318	319	321	324.8	360	361	363	367.3	406	407	409	413.1	455	456	458	462.1									
				Lo PR	135	137	140	145.6	143	145	148	153.7	150	152	155	160.7	156	158	161	166.7	162	164	167	172.5	169	171	174	179.9									
				85	825	MBh	25.8	26.1	26.9	28.0	25.5	25.9	26.6	27.8	24.9	25.2	26.0	27.1	23.8	24.1	24.9	26.0	22.4	22.8	23.5	24.6	21.2	21.5	22.3	23.4							
						S/T	1.00	1.00	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	1.0							
ΔT	17.01					15.99	14.07	12.1	16.99	15.96	14.04	12.1	17.13	16.10	14.19	12.2	16.98	15.95	14.03	12.0	16.84	15.81	13.90	11.9	17.48	16.45	14.54	12.6									
kW	1.36	1.36	1.36			1.4	1.52	1.52	1.52	1.5	1.70	1.70	1.70	1.7	1.90	1.90	1.89	1.9	2.12	2.12	2.11	2.1	2.37	2.37	2.37	2.4											
Amps	5.05	5.04	5.03			5.1	5.75	5.74	5.73	5.8	6.54	6.53	6.52	6.6	7.39	7.38	7.37	7.4	8.34	8.33	8.32	8.4	9.45	9.45	9.43	9.5											
Hi PR	243	244	245			249.6	280	281	283	287.3	320	321	323	326.8	362	363	365	369.3	408	409	411	415.2	457	458	460	464.1											
Lo PR	137	139	142			147.6	145	147	150	155.6	152	154	157	162.7	158	160	163	168.6	164	165	169	174.5	171	173	176	181.8											
85	928	MBh	26.2			26.5	27.2	28.4	25.9	26.3	27.0	28.2	25.3	25.6	26.4	27.5	24.2	24.5	25.3	26.4	22.8	23.1	23.9	25.0	21.6	21.9	22.6	23.8									
		S/T	1.00			1.00	0.88	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	1.0									
		ΔT	16.49			15.47	13.55	11.6	16.46	15.44	13.52	11.5	16.61	15.58	13.67	11.7	16.45	15.43	13.51	11.5	16.32	15.29	13.38	11.4	16.96	15.93	14.02	12.0									
		kW	1.37	1.37	1.36	1.4	1.53	1.53	1.52	1.5	1.71	1.71	1.71	1.7	1.90	1.90	1.90	1.9	2.12	2.12	2.12	2.1	2.38	2.38	2.38	2.4											
		Amps	5.08	5.07	5.06	5.1	5.78	5.77	5.76	5.8	6.57	6.56	6.55	6.6	7.42	7.41	7.40	7.5	8.37	8.36	8.35	8.4	9.48	9.48	9.47	9.5											
		Hi PR	245	246	247	251.6	282	283	285	289.3	322	323	325	328.8	364	365	367	371.3	410	411	413	417.1	459	460	462	466.1											
		Lo PR	139	141	144	149.7	147	149	152	157.8	154	156	159	164.8	160	162	165	170.8	166	168	171	176.6	173	175	178	184.0											

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

Shaded area reflects AHRI conditions.

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

		OUTDOOR AMBIENT TEMPERATURE																																									
		65°F							75°F							85°F							95°F							105°F							115°F						
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71										
70	MBh	42.0	42.6	43.8	-	41.6	42.2	43.5	-	40.5	41.1	42.4	-	38.7	39.2	40.5	-	36.4	37.0	38.2	-	34.3	34.9	36.1	-																		
	S/T	0.63	0.56	0.42	-	0.64	0.56	0.43	-	0.66	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-																		
	ΔT	12.03	10.88	8.74	-	12.00	10.85	8.71	-	12.16	11.01	8.87	-	11.99	10.84	8.69	-	11.83	10.69	8.54	-	12.55	11.41	9.26	-																		
	kW	2.56	2.56	2.55	-	2.88	2.88	2.87	-	3.24	3.24	3.23	-	3.63	3.62	3.62	-	4.06	4.06	4.05	-	4.56	4.56	4.56	-																		
	Amps	9.63	9.62	9.60	-	11.03	11.01	10.99	-	12.58	12.57	12.54	-	14.26	14.25	14.22	-	16.14	16.13	16.10	-	18.34	18.33	18.30	-																		
	Hi PR	261	262	264	-	302	303	305	-	345	346	348	-	391	392	394	-	441	442	444	-	494	495	497	-																		
	Lo PR	126	128	131	-	134	135	139	-	141	142	145	-	146	148	151	-	152	153	156	-	159	160	163	-																		
1300	MBh	42.3	42.8	44.1	-	41.9	42.5	43.7	-	40.8	41.4	42.6	-	38.9	39.5	40.8	-	36.6	37.2	38.5	-	34.5	35.1	36.4	-																		
	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	11.73	10.58	8.43	-	11.70	10.55	8.40	-	11.86	10.71	8.56	-	11.69	10.54	8.39	-	11.53	10.38	8.24	-	12.25	11.10	8.96	-																		
	kW	2.57	2.57	2.56	-	2.89	2.89	2.88	-	3.25	3.24	3.24	-	3.63	3.63	3.63	-	4.07	4.06	4.06	-	4.57	4.57	4.56	-																		
	Amps	9.67	9.66	9.63	-	11.06	11.05	11.02	-	12.61	12.60	12.58	-	14.29	14.28	14.26	-	16.17	16.16	16.13	-	18.37	18.36	18.34	-																		
	Hi PR	262	263	265	-	303	304	306	-	346	347	349	-	392	393	395	-	442	443	445	-	495	496	498	-																		
	Lo PR	127	129	132	-	135	136	139	-	141	143	146	-	147	149	152	-	153	154	157	-	160	161	164	-																		
1575	MBh	43.5	44.0	45.3	-	43.1	43.7	44.9	-	42.0	42.6	43.8	-	40.1	40.7	41.9	-	37.8	38.4	39.7	-	35.7	36.3	37.6	-																		
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	1.00	0.61	-																		
	ΔT	10.78	9.63	7.49	-	10.75	9.60	7.45	-	10.91	9.76	7.62	-	10.74	9.59	7.44	-	10.58	9.43	7.29	-	11.30	10.15	8.01	-																		
	kW	2.59	2.59	2.58	-	2.91	2.91	2.90	-	3.27	3.27	3.26	-	3.66	3.65	3.65	-	4.09	4.09	4.08	-	4.59	4.59	4.59	-																		
	Amps	9.76	9.75	9.73	-	11.16	11.14	11.12	-	12.71	12.70	12.67	-	14.39	14.38	14.35	-	16.27	16.25	16.23	-	18.47	18.46	18.43	-																		
	Hi PR	265	267	268	-	306	308	309	-	349	350	352	-	396	397	399	-	445	447	448	-	499	500	502	-																		
	Lo PR	131	132	135	-	138	140	143	-	145	147	150	-	151	152	155	-	156	158	161	-	163	165	168	-																		

1225	MBh	42.0	42.6	43.9	45.8	41.6	42.2	43.5	45.4	40.6	41.1	42.4	44.3	38.7	39.3	40.5	42.4	36.4	37.0	38.2	40.1	34.3	34.9	36.1	38.0
	S/T	0.76	0.69	0.55	0.41	1.00	0.69	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.74	0.60	0.46	1.00	0.76	0.62	0.48	1.00	1.00	0.68	0.53
	ΔT	14.56	13.41	11.26	9.04	14.53	13.38	11.23	9.01	14.69	13.54	11.39	9.17	14.51	13.37	11.22	9.00	14.36	13.21	11.07	8.84	15.08	13.93	11.79	9.56
	kW	2.56	2.56	2.55	2.58	2.88	2.88	2.87	2.90	3.24	3.24	3.23	3.25	3.62	3.62	3.62	3.64	4.06	4.05	4.05	4.07	4.56	4.56	4.55	4.58
	Amps	9.63	9.61	9.59	9.70	11.02	11.01	10.98	11.09	12.57	12.56	12.53	12.64	14.25	14.24	14.21	14.32	16.13	16.12	16.09	16.20	18.33	18.32	18.30	18.40
1300	Hi PR	261	262	264	269	302	303	305	309	345	346	348	352	391	392	394	399	441	442	444	448	494	495	497	502
	Lo PR	126	128	131	136	134	135	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169
	MBh	42.3	42.9	44.1	46.0	41.9	42.5	43.7	45.7	40.8	41.4	42.7	44.6	38.9	39.5	40.8	42.7	36.7	37.2	38.5	40.4	34.6	35.2	36.4	38.3
	S/T	0.79	0.71	0.58	0.44	1.00	0.72	0.58	0.44	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	1.00	0.70	0.56
	ΔT	14.25	13.11	10.96	8.74	14.22	13.07	10.93	8.71	14.38	13.24	11.09	8.87	14.21	13.06	10.92	8.69	14.06	12.91	10.76	8.54	14.78	13.63	11.48	9.26
1575	kW	2.57	2.57	2.56	2.58	2.89	2.89	2.88	2.90	3.25	3.24	3.24	3.26	3.63	3.63	3.62	3.65	4.06	4.06	4.06	4.08	4.57	4.57	4.56	4.59
	Amps	9.66	9.65	9.62	9.73	11.05	11.04	11.01	11.12	12.60	12.59	12.57	12.67	14.28	14.27	14.25	14.35	16.16	16.15	16.12	16.23	18.36	18.35	18.33	18.43
	Hi PR	262	263	265	270	303	304	306	310	346	347	349	353	392	393	395	400	442	443	445	449	495	496	498	503
	Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	149	152	157	153	154	157	163	160	161	164	170
	MBh	43.5	44.1	45.3	47.2	43.1	43.7	44.9	46.8	42.0	42.6	43.8	45.8	40.1	40.7	42.0	43.9	37.8	38.4	39.7	41.6	35.8	36.3	37.6	39.5
1575	S/T	0.83	0.75	0.62	0.48	1.00	0.76	0.63	0.48	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.74	0.60
	ΔT	13.31	12.16	10.01	7.79	13.27	12.13	9.98	7.76	13.44	12.29	10.14	7.92	13.26	12.11	9.97	7.75	13.11	11.96	9.82	7.59	13.83	12.68	10.53	8.31
	kW	2.59	2.59	2.58	2.61	2.91	2.91	2.90	2.93	3.27	3.27	3.26	3.28	3.65	3.65	3.65	3.67	4.09	4.08	4.08	4.10	4.59	4.59	4.58	4.61
	Amps	9.76	9.74	9.72	9.83	11.15	11.14	11.11	11.22	12.70	12.69	12.66	12.77	14.38	14.37	14.34	14.45	16.26	16.25	16.22	16.33	18.46	18.45	18.42	18.53
	Hi PR	266	267	269	273	307	308	310	314	350	351	353	357	396	397	399	403	446	447	449	453	499	500	502	506
Lo PR	131	132	135	141	138	140	143	148	145	147	150	155	151	152	155	161	156	158	161	166	163	165	168	173	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

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

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	42.24	42.83	44.07	45.97	41.86	42.45	43.70	45.60	40.77	41.36	42.61	44.51	38.90	39.49	40.73	42.64	36.61	37.20	38.44	40.35	34.52	35.11	36.35	38.26
	S/T	1.00	0.81	0.68	0.54	1.00	0.82	0.68	0.54	1.00	0.84	0.71	0.57	1.00	1.00	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.80	0.66
	ΔT	17.10	15.95	13.81	11.58	17.07	15.92	13.78	11.55	17.23	16.08	13.94	11.71	17.06	15.91	13.76	11.54	16.90	15.75	13.61	11.39	17.62	16.47	14.33	12.11
	kW	2.56	2.56	2.55	2.58	2.88	2.88	2.87	2.90	3.24	3.24	3.23	3.26	3.63	3.62	3.62	3.64	4.06	4.06	4.05	4.07	4.56	4.56	4.56	4.58
	Amps	9.63	9.62	9.60	9.70	11.02	11.01	10.99	11.10	12.58	12.57	12.54	12.65	14.26	14.25	14.22	14.33	16.13	16.12	16.10	16.21	18.34	18.33	18.30	18.41
	Hi PR	261.53	262.65	264.48	269.00	302.49	303.62	305.44	309.97	345.41	346.54	348.36	352.89	391.62	392.75	394.58	399.10	441.45	442.58	444.40	448.93	494.62	495.75	497.57	502.10
	Lo PR	126.82	128.36	131.55	136.89	134.44	135.99	139.18	144.51	141.11	142.66	145.85	151.18	146.76	148.30	151.49	156.83	152.29	153.84	157.03	162.37	159.23	160.78	163.97	169.30
	MBh	42.50	43.09	44.34	46.24	42.13	42.72	43.96	45.87	41.04	41.63	42.87	44.78	39.16	39.75	41.00	42.90	36.87	37.46	38.71	40.61	34.78	35.37	36.62	38.52
	S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68
	ΔT	16.80	15.65	13.50	11.28	16.77	15.62	13.47	11.25	16.93	15.78	13.63	11.41	16.75	15.61	13.46	11.24	16.60	15.45	13.31	11.08	17.32	16.17	14.03	11.80
1300	kW	2.57	2.57	2.56	2.59	2.89	2.89	2.88	2.91	3.25	3.24	3.24	3.26	3.63	3.63	3.63	3.65	4.07	4.06	4.06	4.08	4.57	4.57	4.56	4.59
	Amps	9.66	9.65	9.63	9.74	11.06	11.04	11.02	11.13	12.61	12.60	12.57	12.68	14.29	14.28	14.25	14.36	16.17	16.15	16.13	16.24	18.37	18.36	18.33	18.44
	Hi PR	262.53	263.65	265.48	270.00	303.49	304.62	306.44	310.97	346.41	347.54	349.36	353.89	392.62	393.75	395.58	400.10	442.45	443.58	445.40	449.93	495.62	496.75	498.58	503.10
	Lo PR	127.69	129.23	132.42	137.76	135.31	136.85	140.04	145.38	141.98	143.53	146.72	152.05	147.63	149.17	152.36	157.70	153.16	154.71	157.90	163.24	160.10	161.65	164.84	170.17
	MBh	43.69	44.28	45.53	47.43	43.32	43.91	45.15	47.06	42.23	42.82	44.06	45.97	40.35	40.94	42.19	44.09	38.06	38.65	39.90	41.80	35.97	36.56	37.81	39.71
	S/T	1.00	0.88	0.74	0.60	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.73
	ΔT	15.85	14.70	12.56	10.33	15.82	14.67	12.52	10.30	15.98	14.83	12.69	10.46	15.81	14.66	12.51	10.29	15.65	14.50	12.36	10.14	16.37	15.22	13.08	10.86
	kW	2.59	2.59	2.58	2.61	2.91	2.91	2.90	2.93	3.27	3.27	3.26	3.29	3.66	3.65	3.65	3.67	4.09	4.09	4.08	4.10	4.59	4.59	4.59	4.61
	Amps	9.76	9.75	9.73	9.83	11.15	11.14	11.12	11.23	12.71	12.70	12.67	12.78	14.39	14.38	14.35	14.46	16.26	16.25	16.23	16.34	18.47	18.46	18.43	18.54
	Hi PR	266.17	267.30	269.13	273.65	307.14	308.27	310.09	314.62	350.06	351.19	353.01	357.54	396.27	397.40	399.22	403.75	446.10	447.22	449.05	453.58	499.27	500.40	502.22	506.75
	Lo PR	131.30	132.85	136.04	141.37	138.92	140.47	143.66	148.99	145.60	147.14	150.33	155.67	151.24	152.79	155.98	161.31	156.78	158.32	161.51	166.85	163.71	165.26	168.45	173.78

85	MBh	42.9	43.5	44.8	46.7	42.6	43.2	44.4	46.3	41.5	42.1	43.3	45.2	39.6	40.2	41.4	43.3	37.3	37.9	39.1	41.1	35.2	35.8	37.1	39.0
	S/T	1.00	0.91	0.78	0.64	1.00	1.00	0.78	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	1.00	0.71	1.00	1.00	1.00	0.76
	ΔT	19.36	18.21	16.06	13.84	19.32	18.18	16.03	13.81	19.49	18.34	16.19	13.97	19.31	18.16	16.02	13.80	19.16	18.01	15.87	13.64	19.88	18.73	16.58	14.36
	kW	2.57	2.57	2.56	2.59	2.89	2.89	2.88	2.91	3.25	3.24	3.24	3.26	3.63	3.63	3.62	3.65	4.06	4.06	4.06	4.08	4.57	4.57	4.56	4.59
	Amps	9.66	9.65	9.62	9.73	11.05	11.04	11.02	11.12	12.60	12.59	12.57	12.67	14.28	14.27	14.25	14.36	16.16	16.15	16.13	16.23	18.36	18.35	18.33	18.44
	Hi PR	263	264	266	270	304	305	307	311	347	348	350	354	393	394	396	400	443	444	446	450	496	497	499	503
	Lo PR	129	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171
	MBh	43.2	43.8	45.0	46.9	42.8	43.4	44.7	46.6	41.7	42.3	43.6	45.5	39.9	40.5	41.7	43.6	37.6	38.2	39.4	41.3	35.5	36.1	37.3	39.2
	S/T	1.00	0.93	0.80	0.66	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.73	1.00	1.00	1.00	0.78
	ΔT	19.05	17.90	15.76	13.54	19.02	17.87	15.73	13.51	19.18	18.03	15.89	13.67	19.01	17.86	15.72	13.49	18.86	17.71	15.56	13.34	19.58	18.43	16.28	14.06
1300	kW	2.58	2.57	2.57	2.59	2.90	2.89	2.89	2.91	3.25	3.25	3.24	3.27	3.64	3.64	3.63	3.66	4.07	4.07	4.06	4.09	4.58	4.58	4.57	4.59
	Amps	9.69	9.68	9.66	9.76	11.08	11.07	11.05	11.15	12.63	12.62	12.60	12.71	14.32	14.30	14.28	14.39	16.19	16.18	16.16	16.26	18.40	18.38	18.36	18.47
	Hi PR	264	265	267	271	305	306	308	312	348	349	351	355	394	395	397	401	444	445	447	451	497	498	500	504
	Lo PR	130	131	134	140	137	139	142	147	144	145	149	154	150	151	154	160	155	157	160	165	162	164	167	172
	MBh	44.4	45.0	46.2	48.1	44.0	44.6	45.9	47.8	42.9	43.5	44.8	46.7	41.1	41.6	42.9	44.8	38.8	39.4	40.6	42.5	36.7	37.3	38.5	40.4
	S/T	1.00	0.98	0.84	0.70	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.83
	ΔT	18.10	16.96	14.81	12.59	18.07	16.92	14.78	12.56	18.23	17.09	14.94	12.72	18.06	16.91	14.77	12.55	17.91	16.76	14.61	12.39	18.63	17.48	15.33	13.11
	kW	2.60	2.60	2.59	2.61	2.92	2.92	2.91	2.93	3.28	3.27	3.27	3.29	3.66	3.66	3.65	3.68	4.09	4.09	4.09	4.11	4.60	4.60	4.59	4.62
	Amps	9.79	9.78	9.75	9.86	11.18	11.17	11.15	11.25	12.73	12.72	12.70	12.80	14.41	14.40	14.38	14.48	16.29	16.28	16.26	16.36	18.49	18.48	18.46	18.56
	Hi PR	267	269	270	275	308	309	311	316	351	352	354	359	397	399	400	405	447	448	450	455	500	502	503	508
	Lo PR	133	135	138	143	141	142	146	151	147	149	152	158	153	155	158	163	159	160	163	169	166	167	170	176

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI conditions.

Amps = outdoor unit amps (comp.+fan)

kW = Total system power

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	30.2	30.6	31.5	-	29.9	30.4	31.2	-	29.1	29.6	30.5	-	27.8	28.2	29.1	-	26.1	26.6	27.5	-	24.6	25.1	26.0	-
	S/T	0.65	0.57	0.44	-	0.66	0.58	0.44	-	1.00	0.61	0.47	-	1.00	0.63	0.49	-	1.00	0.65	0.51	-	1.00	1.00	0.56	-
	ΔT	11.61	10.50	8.43	-	11.58	10.47	8.40	-	11.74	10.63	8.56	-	11.57	10.46	8.39	-	11.42	10.31	8.24	-	12.11	11.01	8.94	-
	kW	1.61	1.61	1.61	-	1.81	1.81	1.81	-	2.04	2.04	2.03	-	2.28	2.28	2.28	-	2.55	2.55	2.55	-	2.87	2.87	2.87	-
	Amps	6.06	6.05	6.04	-	6.94	6.93	6.91	-	7.91	7.90	7.89	-	8.97	8.96	8.95	-	10.15	10.14	10.13	-	11.54	11.53	11.51	-
	Hi PR	249	250	252	-	289	290	291	-	330	331	332	-	374	375	377	-	421	422	424	-	472	473	475	-
	Lo PR	130	131	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	158	161	-	163	165	168	-
1050	MBh	30.4	30.8	31.7	-	30.1	30.5	31.4	-	29.3	29.8	30.7	-	28.0	28.4	29.3	-	26.3	26.8	27.7	-	24.8	25.3	26.2	-
	S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	1.00	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	1.00	0.59	-
	ΔT	11.32	10.21	8.14	-	11.29	10.18	8.11	-	11.44	10.33	8.26	-	11.28	10.17	8.10	-	11.13	10.02	7.95	-	11.82	10.71	8.64	-
	kW	1.62	1.62	1.61	-	1.82	1.82	1.81	-	2.04	2.04	2.04	-	2.29	2.28	2.28	-	2.56	2.56	2.55	-	2.88	2.87	2.87	-
	Amps	6.08	6.07	6.06	-	6.95	6.95	6.93	-	7.93	7.92	7.91	-	8.99	8.98	8.97	-	10.17	10.16	10.15	-	11.55	11.55	11.53	-
	Hi PR	250	251	253	-	289	291	292	-	330	332	333	-	375	376	377	-	422	423	425	-	473	474	476	-
	Lo PR	131	132	136	-	138	140	143	-	145	147	150	-	151	153	156	-	157	158	162	-	164	166	169	-
1272	MBh	31.2	31.7	32.6	-	31.0	31.4	32.3	-	30.2	30.6	31.5	-	28.8	29.3	30.2	-	27.2	27.6	28.5	-	25.7	26.1	27.0	-
	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	10.40	9.29	7.22	-	10.37	9.26	7.19	-	10.53	9.42	7.35	-	10.36	9.25	7.18	-	10.21	9.10	7.03	-	10.91	9.80	7.73	-
	kW	1.63	1.63	1.63	-	1.83	1.83	1.83	-	2.06	2.06	2.05	-	2.30	2.30	2.29	-	2.57	2.57	2.57	-	2.89	2.89	2.89	-
	Amps	6.14	6.13	6.12	-	7.02	7.01	6.99	-	7.99	7.99	7.97	-	9.05	9.04	9.03	-	10.23	10.22	10.21	-	11.62	11.61	11.59	-
	Hi PR	254	255	257	-	293	294	296	-	334	335	337	-	378	379	381	-	426	427	429	-	477	478	479	-
	Lo PR	134	136	139	-	142	144	147	-	149	151	154	-	155	156	160	-	161	162	165	-	168	169	173	-

75	MBh	30.2	30.6	31.5	32.9	29.9	30.4	31.3	32.6	29.2	29.6	30.5	31.8	27.8	28.2	29.1	30.5	26.2	26.6	27.5	28.9	24.7	25.1	26.0	27.4
	S/T	0.78	0.70	0.57	0.42	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.64	0.50	1.00	1.00	0.69	0.55
	ΔT	14.05	12.94	10.87	8.72	14.02	12.91	10.84	8.69	14.17	13.06	10.99	8.85	14.01	12.90	10.83	8.68	13.86	12.75	10.68	8.54	14.55	13.44	11.37	9.23
	kW	1.61	1.61	1.61	1.62	1.81	1.81	1.81	1.82	2.04	2.04	2.03	2.05	2.28	2.28	2.27	2.29	2.55	2.55	2.55	2.56	2.87	2.87	2.87	2.88
	Amps	6.05	6.05	6.03	6.10	6.93	6.92	6.91	6.97	7.91	7.90	7.88	7.95	8.96	8.96	8.94	9.01	10.14	10.14	10.12	10.19	11.53	11.52	11.51	11.57
1050	Hi PR	250	251	252	257	289	290	292	296	330	331	333	337	374	375	377	381	422	423	424	429	472	473	475	480
	Lo PR	130	131	135	140	138	139	143	148	144	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173
	MBh	30.4	30.8	31.7	33.1	30.1	30.6	31.5	32.8	29.4	29.8	30.7	32.0	28.0	28.4	29.3	30.7	26.4	26.8	27.7	29.0	24.9	25.3	26.2	27.5
	S/T	0.81	0.73	0.59	0.45	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	1.00	0.67	0.52	1.00	1.00	0.72	0.57
	ΔT	13.76	12.65	10.58	8.43	13.72	12.62	10.55	8.40	13.88	12.77	10.70	8.56	13.71	12.60	10.53	8.39	13.57	12.46	10.39	8.24	14.26	13.15	11.08	8.94
1272	kW	1.62	1.61	1.61	1.63	1.82	1.81	1.81	1.83	2.04	2.04	2.04	2.05	2.28	2.28	2.28	2.29	2.56	2.55	2.55	2.57	2.87	2.87	2.87	2.88
	Amps	6.07	6.07	6.05	6.12	6.95	6.94	6.93	6.99	7.93	7.92	7.90	7.97	8.98	8.98	8.96	9.03	10.16	10.16	10.14	10.21	11.55	11.54	11.53	11.59
	Hi PR	251	252	253	258	290	291	293	297	331	332	334	338	375	376	378	382	423	424	425	430	473	474	476	481
	Lo PR	131	132	136	141	139	140	143	149	145	147	150	156	151	153	156	162	157	158	162	167	164	166	169	174
	MBh	31.3	31.7	32.6	33.9	31.0	31.4	32.3	33.7	30.2	30.6	31.5	32.9	28.9	29.3	30.2	31.5	27.2	27.6	28.5	29.9	25.7	26.1	27.0	28.4
1272	S/T	1.00	0.77	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	1.00	0.69	0.54	1.00	1.00	0.71	0.57	1.00	1.00	0.76	0.62
	ΔT	12.84	11.73	9.66	7.52	12.81	11.70	9.63	7.49	12.97	11.86	9.79	7.64	12.80	11.69	9.62	7.48	12.65	11.54	9.47	7.33	13.34	12.24	10.17	8.02
	kW	1.63	1.63	1.62	1.64	1.83	1.83	1.83	1.84	2.06	2.05	2.05	2.07	2.30	2.30	2.29	2.31	2.57	2.57	2.57	2.58	2.89	2.89	2.88	2.90
	Amps	6.14	6.13	6.11	6.18	7.01	7.00	6.99	7.06	7.99	7.98	7.97	8.03	9.04	9.04	9.02	9.09	10.23	10.22	10.20	10.27	11.61	11.60	11.59	11.66
	Hi PR	254	255	257	261	293	294	296	300	334	335	337	341	378	379	381	386	426	427	429	433	477	478	480	484
	Lo PR	134	136	139	145	142	144	147	153	149	151	154	159	155	156	160	165	161	162	165	171	168	169	173	178

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ± 2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ± 2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

DB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.		OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																									
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
IDB	AIRFLOW																										
80	989	Mbh	30.4	30.8	31.7	33.1	30.1	30.5	31.4	32.8	29.3	29.7	30.6	32.0	28.0	28.4	29.3	30.7	26.3	26.7	27.6	29.0	24.8	25.2	26.1	27.5	
		S/T	1.00	0.83	0.69	0.55	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.75	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.77	0.62	
		ΔT	16.50	15.39	13.32	11.18	16.47	15.36	13.29	11.15	16.63	15.52	13.45	11.30	16.46	15.35	13.28	11.14	16.31	15.20	13.13	10.99	17.01	15.90	13.83	11.68	
		kW	1.61	1.61	1.61	1.62	1.81	1.81	1.81	1.82	2.04	2.04	2.03	2.05	2.28	2.28	2.28	2.29	2.55	2.55	2.55	2.56	2.87	2.87	2.87	2.88	
		Amps	6.06	6.05	6.04	6.10	6.93	6.93	6.91	6.98	7.91	7.90	7.89	7.96	8.97	8.96	8.95	9.01	10.15	10.14	10.13	10.19	11.53	11.53	11.51	11.58	
		Hi PR	250	251	253	257	289	290	292	296	330	331	333	337	374	375	377	382	422	423	425	429	473	474	476	480	
	Lo PR	130	132	135	141	138	140	143	149	145	147	150	155	151	152	156	161	157	158	161	167	164	165	169	174		
80	1050	Mbh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	33.0	29.5	29.9	30.8	32.2	28.2	28.6	29.5	30.8	26.5	26.9	27.8	29.2	25.0	25.4	26.3	27.7	
		S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	1.00	0.75	0.61	1.00	1.00	0.75	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.79	0.65	
		ΔT	16.21	15.10	13.03	10.89	16.18	15.07	13.00	10.86	16.33	15.23	13.16	11.01	16.17	15.06	12.99	10.84	16.02	14.91	12.84	10.70	16.71	15.60	13.54	11.39	
		kW	1.62	1.61	1.61	1.63	1.82	1.82	1.81	1.83	2.04	2.04	2.04	2.05	2.29	2.28	2.28	2.30	2.56	2.56	2.55	2.57	2.88	2.87	2.87	2.89	
		Amps	6.08	6.07	6.06	6.12	6.95	6.95	6.93	7.00	7.93	7.92	7.91	7.98	8.99	8.98	8.97	9.03	10.17	10.16	10.15	10.21	11.55	11.55	11.53	11.60	
		Hi PR	251	252	254	258	290	291	293	297	331	332	334	338	375	376	378	382	423	424	426	430	474	475	477	481	
	Lo PR	131	133	136	142	139	141	144	149	146	148	151	156	152	153	162	166	157	159	162	168	165	166	169	175		
1272		Mbh	31.4	31.8	32.7	34.1	31.1	31.6	32.5	33.8	30.4	30.8	31.7	33.1	29.0	29.4	30.3	31.7	27.4	27.8	28.7	30.1	25.9	26.3	27.2	28.6	
		S/T	1.00	0.90	0.76	0.62	1.00	0.91	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.84	0.74	
		ΔT	15.29	14.19	12.12	9.97	15.26	14.16	12.09	9.94	15.42	14.31	12.24	10.10	15.25	14.14	12.07	9.93	15.10	14.00	11.93	9.78	15.80	14.69	12.62	10.48	
		kW	1.63	1.63	1.63	1.64	1.83	1.83	1.83	1.84	2.06	2.05	2.05	2.07	2.30	2.30	2.29	2.31	2.57	2.57	2.57	2.58	2.89	2.89	2.88	2.90	
		Amps	6.14	6.13	6.12	6.19	7.02	7.01	6.99	7.06	7.99	7.99	7.97	8.04	9.05	9.04	9.03	9.09	10.23	10.22	10.21	10.28	11.62	11.61	11.59	11.66	
		Hi PR	254	256	257	262	294	295	296	301	335	336	337	342	379	380	382	386	426	428	429	434	477	478	480	484	
	Lo PR	135	137	140	145	143	144	148	153	150	151	155	160	155	157	160	166	161	163	166	172	168	170	173	179		
85	989	Mbh	30.9	31.3	32.2	33.6	30.6	31.0	31.9	33.3	29.8	30.2	31.1	32.5	28.5	28.9	29.8	31.2	26.8	27.3	28.1	29.5	25.3	25.7	26.6	28.0	
		S/T	1.00	0.93	0.80	0.65	1.00	1.00	0.80	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.84	0.73	1.00	1.00	0.84	0.78	
		ΔT	18.68	17.57	15.50	13.36	18.65	17.54	15.47	13.33	18.80	17.70	15.63	13.48	18.64	17.53	15.46	13.31	18.49	17.38	15.31	13.17	19.18	18.07	16.00	13.86	
		kW	1.62	1.61	1.61	1.63	1.82	1.82	1.81	1.83	2.04	2.04	2.04	2.05	2.28	2.28	2.28	2.30	2.56	2.55	2.55	2.57	2.87	2.87	2.87	2.89	
		Amps	6.08	6.07	6.05	6.12	6.95	6.94	6.93	7.00	7.93	7.92	7.91	7.97	8.98	8.98	8.96	9.03	10.17	10.16	10.14	10.21	11.55	11.54	11.53	11.60	
		Hi PR	251	252	254	258	290	291	293	297	331	332	334	339	376	377	378	383	423	424	426	430	474	475	477	481	
	Lo PR	132	134	137	143	140	142	145	150	147	149	152	157	153	154	158	163	158	160	163	169	166	167	170	176		
1050		Mbh	31.1	31.5	32.4	33.8	30.8	31.2	32.1	33.5	30.0	30.4	31.3	32.7	28.7	29.1	30.0	31.4	27.0	27.4	28.3	29.7	25.5	25.9	26.8	28.2	
		S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.85	0.73	1.00	1.00	0.84	0.75	1.00	1.00	0.84	0.80	
		ΔT	18.39	17.28	15.21	13.06	18.36	17.25	15.18	13.03	18.51	17.40	15.33	13.19	18.34	17.24	15.17	13.02	18.20	17.09	15.02	12.87	18.89	17.78	15.71	13.57	
		kW	1.62	1.62	1.62	1.63	1.82	1.82	1.82	1.83	2.05	2.04	2.04	2.06	2.29	2.29	2.28	2.30	2.56	2.56	2.56	2.57	2.88	2.88	2.87	2.89	
		Amps	6.10	6.09	6.07	6.14	6.97	6.96	6.95	7.02	7.95	7.94	7.93	7.99	9.00	9.00	8.98	9.05	10.19	10.18	10.16	10.23	11.57	11.56	11.55	11.62	
		Hi PR	252	253	255	259	291	292	294	298	332	333	335	339	377	378	379	384	424	425	427	431	475	476	478	482	
	Lo PR	133	135	138	144	141	143	146	151	148	149	153	158	154	155	159	164	159	161	164	170	167	168	171	177		
1272		Mbh	31.9	32.3	33.2	34.6	31.7	32.1	33.0	34.3	30.9	31.3	32.2	33.6	29.5	29.9	30.8	32.2	27.9	28.3	29.2	30.6	26.4	26.8	27.7	29.1	
		S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.85	0.77	1.00	1.00	0.84	0.80	1.00	1.00	0.84	0.80	
		ΔT	17.47	16.36	14.29	12.15	17.44	16.33	14.26	12.12	17.60	16.49	14.42	12.27	17.43	16.32	14.25	12.11	17.28	16.17	14.10	11.96	17.98	16.87	14.80	12.65	
		kW	1.63	1.63	1.63	1.64	1.84	1.83	1.83	1.85	2.06	2.06	2.06	2.07	2.30	2.30	2.30	2.31	2.58	2.57	2.57	2.59	2.89	2.89	2.89	2.90	
		Amps	6.16	6.15	6.14	6.20	7.03	7.03	7.01	7.08	8.01	8.00	7.99	8.05	9.07	9.06	9.04	9.11	10.25	10.24	10.22	10.29	11.63	11.63	11.61	11.68	
		Hi PR	256	257	258	263	295	296	298	302	336	337	339	343	380	381	383	387	428	429	430	435	478	480	481	486	
	Lo PR	137	138	142	147	145	146	150	155	152	153	156	162	157	159	162	168	163	165	168	173	170	172	175	181		
Shaded area reflects AHRI conditions.																								kW = Total system power Amps = outdoor unit amps (comp.+fan)			

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1400	MBh	47.31	47.98	49.39	-	46.88	47.55	48.97	-	45.65	46.32	47.73	-	43.52	44.19	45.61	-	40.93	41.59	43.01	-	38.56	39.22	40.64	-
	S/T	0.62	0.54	0.41	-	0.63	0.55	0.41	-	0.65	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.62	0.48	-	1.00	0.67	0.53	-
	ΔT	13.44	12.20	9.88	-	13.41	12.16	9.84	-	13.58	12.34	10.02	-	13.40	12.15	9.83	-	13.23	11.99	9.66	-	14.01	12.76	10.44	-
	kW	2.97	2.97	2.97	-	3.34	3.33	3.33	-	3.74	3.74	3.73	-	4.18	4.17	4.17	-	4.66	4.66	4.65	-	5.23	5.23	5.23	-
	Amps	10.73	10.72	10.69	-	12.30	12.29	12.26	-	14.05	14.04	14.01	-	15.95	15.94	15.91	-	18.07	18.06	18.03	-	20.55	20.54	20.52	-
70	Hi PR	270.85	272.02	273.93	-	313.58	314.76	316.66	-	358.36	359.53	361.44	-	406.57	407.75	409.65	-	458.56	459.73	461.63	-	514.03	515.20	517.11	-
	Lo PR	124.09	125.62	128.78	-	131.64	133.18	136.33	-	138.25	139.79	142.95	-	143.84	145.38	148.54	-	149.33	150.87	154.02	-	156.20	157.74	160.90	-
	MBh	47.93	48.60	50.01	-	47.51	48.17	49.59	-	46.27	46.94	48.35	-	44.15	44.81	46.23	-	41.55	42.22	43.63	-	39.18	39.85	41.26	-
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
	ΔT	12.69	11.45	9.13	-	12.66	11.41	9.09	-	12.83	11.59	9.27	-	12.64	11.40	9.08	-	12.48	11.24	8.91	-	13.26	12.01	9.69	-
1600	kW	2.99	2.99	2.98	-	3.35	3.35	3.35	-	3.76	3.75	3.75	-	4.19	4.19	4.18	-	4.68	4.68	4.67	-	5.25	5.25	5.24	-
	Amps	10.81	10.80	10.77	-	12.38	12.37	12.34	-	14.13	14.12	14.09	-	16.03	16.02	15.99	-	18.15	18.14	18.11	-	20.64	20.62	20.60	-
	Hi PR	273.15	274.32	276.23	-	315.89	317.06	318.97	-	360.66	361.84	363.74	-	408.87	410.05	411.95	-	460.86	462.03	463.94	-	516.33	517.51	519.41	-
	Lo PR	125.92	127.45	130.61	-	133.47	135.00	138.16	-	140.08	141.61	144.77	-	145.67	147.20	150.36	-	151.16	152.69	155.85	-	158.03	159.56	162.72	-
	MBh	48.68	49.34	50.76	-	48.25	48.92	50.33	-	47.02	47.69	49.10	-	44.89	45.56	46.97	-	42.29	42.96	44.38	-	39.92	40.59	42.00	-
1800	S/T	0.72	0.64	0.50	-	0.73	0.65	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-
	ΔT	12.06	10.82	8.49	-	12.02	10.78	8.46	-	12.20	10.96	8.64	-	12.01	10.77	8.45	-	11.85	10.60	8.28	-	12.62	11.38	9.06	-
	kW	3.01	3.01	3.00	-	3.37	3.37	3.36	-	3.77	3.77	3.76	-	4.21	4.21	4.20	-	4.70	4.69	4.69	-	5.27	5.27	5.26	-
	Amps	10.88	10.86	10.84	-	12.45	12.44	12.41	-	14.20	14.19	14.16	-	16.10	16.09	16.06	-	18.22	18.21	18.18	-	20.70	20.69	20.67	-
	Hi PR	275.38	276.55	278.46	-	318.12	319.29	321.20	-	362.89	364.07	365.97	-	411.11	412.28	414.19	-	463.09	464.26	466.17	-	518.56	519.74	521.64	-
Lo PR	127.94	129.47	132.63	-	135.49	137.02	140.18	-	142.10	143.63	146.79	-	147.69	149.22	152.38	-	153.18	154.71	157.87	-	160.05	161.58	164.74	-	

		OUTDOOR AMBIENT TEMPERATURE																																																																																																											
		65°F						75°F						85°F						95°F						105°F						115°F																																																																													
		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	59	63	67	71	59	63	67	71	59	63	67	71																																																																								
1400	MBh	47.34	48.00	49.42	51.58	46.91	47.58	48.99	51.15	45.68	46.35	47.76	49.92	43.55	44.22	45.63	47.79	40.95	41.62	43.04	45.19	38.58	39.25	40.66	42.82	40.95	41.62	43.04	45.19	38.58	39.25	40.66	42.82	40.95	41.62	43.04	45.19																																																																								
	S/T	0.76	0.68	0.54	0.39	0.76	0.68	0.54	0.40	1.00	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.75	0.61	0.47	1.00	1.00	0.67	0.52	1.00	0.75	0.61	0.47	1.00	1.00	0.67	0.52	1.00	0.75	0.61	0.47																																																																								
	ΔT	16.18	14.93	12.61	10.21	16.14	14.90	12.58	10.17	16.32	15.07	12.75	10.35	16.13	14.89	12.56	10.16	15.96	14.72	12.40	9.99	16.74	15.50	13.18	10.77	15.96	14.72	12.40	9.99	16.74	15.50	13.18	10.77	15.96	14.72	12.40	9.99																																																																								
	kW	2.97	2.97	2.96	2.99	3.33	3.33	3.32	3.35	3.74	3.73	3.73	3.76	4.17	4.17	4.16	4.19	4.66	4.66	4.65	4.68	5.23	5.23	5.22	5.25	4.66	4.66	4.65	4.68	5.23	5.23	5.22	5.25	4.66	4.66	4.65	4.68																																																																								
	Amps	10.72	10.70	10.68	10.80	12.29	12.28	12.25	12.37	14.04	14.03	14.00	14.12	15.94	15.93	15.90	16.02	18.06	18.05	18.02	18.14	20.54	20.53	20.51	20.63	18.06	18.05	18.02	18.14	20.54	20.53	20.51	20.63	18.06	18.05	18.02	18.14																																																																								
	Hi PR	271.09	272.26	274.16	278.89	313.82	315.00	316.90	321.62	358.60	359.77	361.68	366.40	406.81	407.99	409.89	414.61	458.79	459.97	461.87	466.59	514.27	515.44	517.35	522.07	458.79	459.97	461.87	466.59	514.27	515.44	517.35	522.07	458.79	459.97	461.87	466.59																																																																								
	Lo PR	124.12	125.65	128.81	134.10	131.67	133.20	136.36	141.65	138.28	139.82	142.98	148.26	143.87	145.41	148.57	153.85	149.36	150.89	154.05	159.34	156.23	157.76	160.92	166.21	149.36	150.89	154.05	159.34	156.23	157.76	160.92	166.21	149.36	150.89	154.05	159.34																																																																								
1600	MBh	47.96	48.63	50.04	52.20	47.53	48.20	49.62	51.77	46.30	46.97	48.38	50.54	44.17	44.84	46.25	48.41	41.58	42.24	43.66	45.82	39.20	39.87	41.29	43.44	41.58	42.24	43.66	45.82	39.20	39.87	41.29	43.44	41.58	42.24	43.66	45.82																																																																								
	S/T	0.82	0.74	0.60	0.45	1.00	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58	1.00	0.81	0.67	0.53																																																																								
	ΔT	15.42	14.18	11.86	9.46	15.39	14.15	11.83	9.42	15.56	14.32	12.00	9.60	15.38	14.13	11.81	9.41	15.21	13.97	11.65	9.24	15.99	14.75	12.43	10.02	15.99	14.75	12.43	10.02	15.99	14.75	12.43	10.02	15.99	14.75	12.43	10.02																																																																								
	kW	2.99	2.99	2.98	3.01	3.35	3.35	3.34	3.37	3.76	3.75	3.75	3.77	4.19	4.19	4.18	4.21	4.68	4.68	4.67	4.70	5.25	5.25	5.24	5.27	4.68	4.68	4.67	4.70	5.25	5.25	5.24	5.27	4.68	4.68	4.67	4.70																																																																								
	Amps	10.80	10.79	10.76	10.88	12.37	12.36	12.33	12.45	14.12	14.11	14.08	14.20	16.02	16.01	15.98	16.10	18.14	18.13	18.10	18.22	20.63	20.61	20.59	20.71	18.14	18.13	18.10	18.22	20.63	20.61	20.59	20.71	18.14	18.13	18.10	18.22																																																																								
	Hi PR	273.39	274.56	276.47	281.19	316.13	317.30	319.20	323.93	360.90	362.08	363.98	368.70	409.11	410.29	412.19	416.91	461.10	462.27	464.17	468.90	516.57	517.74	519.65	524.37	461.10	462.27	464.17	468.90	516.57	517.74	519.65	524.37	461.10	462.27	464.17	468.90																																																																								
	Lo PR	125.95	127.48	130.64	135.92	133.50	135.03	138.19	143.47	140.11	141.64	144.80	150.09	145.70	147.23	150.39	155.68	151.19	152.72	155.88	161.16	158.06	159.59	162.75	168.03	151.19	152.72	155.88	161.16	158.06	159.59	162.75	168.03	151.19	152.72	155.88	161.16																																																																								
1800	MBh	48.70	49.37	50.79	52.94	48.28	48.95	50.36	52.52	47.05	47.71	49.13	51.29	44.92	45.59	47.00	49.16	42.32	42.99	44.40	46.56	39.95	40.62	42.03	44.19	42.32	42.99	44.40	46.56	39.95	40.62	42.03	44.19	42.32	42.99	44.40	46.56																																																																								
	S/T	0.85	0.77	0.63	0.49	1.00	0.78	0.64	0.49	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.76	0.61	1.00	1.00	0.71	0.56	1.00	1.00	0.76	0.61	1.00	1.00	0.76	0.61																																																																								
	ΔT	14.79	13.55	11.23	8.82	14.76	13.51	11.19	8.79	14.93	13.69	11.37	8.96	14.75	13.50	11.18	8.78	14.58	13.34	11.01	8.61	15.36	14.11	11.79	9.39	14.58	13.34	11.01	8.61	15.36	14.11	11.79	9.39	14.58	13.34	11.01	8.61																																																																								
	kW	3.01	3.00	3.00	3.03	3.37	3.36	3.36	3.39	3.77	3.77	3.76	3.79	4.21	4.20	4.20	4.23	4.69	4.69	4.69	4.71	5.27	5.26	5.26	5.29	4.69	4.69	4.69	4.71	5.27	5.26	5.26	5.29	4.69	4.69	4.69	4.71																																																																								
	Amps	10.87	10.85	10.83	10.95	12.44	12.43	12.40	12.52	14.19	14.18	14.15	14.27	16.09	16.08	16.05	16.17	18.21	18.20	18.17	18.29	20.69	20.68	20.66	20.78	18.21	18.20	18.17	18.29	20.69	20.68	20.66	20.78	18.21	18.20	18.17	18.29																																																																								
	Hi PR	275.62	276.79	278.70	283.42	318.36	319.53	321.44	326.16	363.13	364.31	366.21	370.93	411.35	412.52	414.43	419.15	463.33	464.50	466.41	471.13	518.80	519.98	521.88	526.60	463.33	464.50	466.41	471.13	518.80	519.98	521.88	526.60	463.33	464.50	466.41	471.13																																																																								
	Lo PR	127.97	129.50	132.66	137.94	135.52	137.05	140.21	145.50	142.13	143.66	146.82	152.11	147.72	149.25	152.41	157.70	153.21	154.74	157.90	160.08	161.61	164.77	170.06	153.21	154.74	157.90	160.08	161.61	164.77	170.06	153.21	154.74	157.90	160.08	161.61	164.77	170.06																																																																							

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	34.0	34.5	35.5	-	33.7	34.2	35.2	-	32.8	33.3	34.3	-	31.3	31.8	32.8	-	29.4	29.9	30.9	-	27.7	28.2	29.2	-
	S/T	0.64	0.56	0.42	-	0.65	0.57	0.42	-	0.67	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.64	0.49	-	1.00	0.69	0.55	-
	ΔT	12.97	11.77	9.53	-	12.94	11.74	9.50	-	13.11	11.91	9.67	-	12.93	11.73	9.49	-	12.77	11.57	9.33	-	13.52	12.32	10.08	-
	kW	1.87	1.87	1.87	-	2.10	2.10	2.09	-	2.35	2.35	2.35	-	2.63	2.62	2.62	-	2.93	2.93	2.93	-	3.29	3.29	3.29	-
	Amps	6.75	6.74	6.72	-	7.74	7.73	7.71	-	8.84	8.83	8.81	-	10.03	10.02	10.01	-	11.36	11.36	11.34	-	12.93	12.92	12.90	-
	Lo PR	259	260	262	-	300	301	303	-	343	344	346	-	389	390	392	-	438	440	441	-	491	493	494	-
1150	MBh	34.5	34.9	36.0	-	34.2	34.6	35.7	-	33.3	33.7	34.8	-	31.7	32.2	33.2	-	29.9	30.4	31.4	-	28.2	28.6	29.7	-
	S/T	0.70	0.62	0.48	-	0.71	0.63	0.49	-	1.00	0.66	0.51	-	1.00	0.68	0.53	-	1.00	0.70	0.56	-	1.00	1.00	0.61	-
	ΔT	12.25	11.05	8.81	-	12.21	11.01	8.77	-	12.38	11.18	8.94	-	12.20	11.00	8.76	-	12.04	10.84	8.60	-	12.79	11.59	9.35	-
	kW	1.88	1.88	1.88	-	2.11	2.11	2.10	-	2.36	2.36	2.36	-	2.64	2.64	2.63	-	2.94	2.94	2.94	-	3.30	3.30	3.30	-
	Amps	6.80	6.79	6.77	-	7.79	7.78	7.76	-	8.89	8.88	8.86	-	10.08	10.07	10.06	-	11.42	11.41	11.39	-	12.98	12.97	12.96	-
	Lo PR	261	262	264	-	302	303	305	-	345	346	348	-	391	392	394	-	441	442	444	-	494	495	497	-
1294	MBh	35.0	35.5	36.5	-	34.7	35.2	36.2	-	33.8	34.3	35.3	-	32.3	32.8	33.8	-	30.4	30.9	31.9	-	28.7	29.2	30.2	-
	S/T	0.74	0.66	0.52	-	0.74	0.66	0.52	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.73	0.59	-	1.00	1.00	0.65	-
	ΔT	11.64	10.44	8.20	-	11.60	10.40	8.16	-	11.77	10.57	8.33	-	11.59	10.39	8.15	-	11.43	10.23	7.99	-	12.18	10.98	8.74	-
	kW	1.89	1.89	1.89	-	2.12	2.12	2.11	-	2.37	2.37	2.37	-	2.65	2.65	2.64	-	2.95	2.95	2.95	-	3.31	3.31	3.31	-
	Amps	6.84	6.83	6.82	-	7.83	7.82	7.80	-	8.93	8.92	8.91	-	10.13	10.12	10.10	-	11.46	11.45	11.43	-	13.02	13.02	13.00	-
	Lo PR	263	264	266	-	304	305	307	-	347	348	350	-	393	394	396	-	443	444	446	-	496	497	499	-

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
75	MBh	34.0	34.5	35.5	37.1	33.7	34.2	35.2	36.8	32.8	33.3	34.3	35.9	31.3	31.8	32.8	34.4	29.4	29.9	30.9	32.5	27.7	28.2	29.2	30.8
	S/T	0.78	0.70	0.55	0.40	1.00	0.70	0.56	0.41	1.00	0.73	0.59	0.43	1.00	0.75	0.61	0.45	1.00	1.00	0.63	0.48	1.00	1.00	0.68	0.53
	ΔT	15.61	14.41	12.17	9.85	15.58	14.38	12.14	9.82	15.74	14.55	12.31	9.98	15.56	14.36	12.12	9.80	15.40	14.20	11.96	9.64	16.15	14.96	12.72	10.39
	kW	1.87	1.87	1.86	1.88	2.10	2.09	2.09	2.11	2.35	2.35	2.34	2.36	2.62	2.62	2.62	2.64	2.93	2.93	2.93	2.94	3.29	3.29	3.29	3.30
	Amps	6.74	6.73	6.72	6.79	7.73	7.72	7.70	7.78	8.83	8.82	8.81	8.88	10.03	10.02	10.00	10.08	11.36	11.35	11.33	11.41	12.92	12.91	12.90	12.97
	Lo PR	259	260	262	267	300	301	303	307	343	344	346	350	389	390	392	396	439	440	442	446	492	493	495	499
1150	MBh	34.48	35.0	36.0	37.5	34.2	34.7	35.7	37.2	33.3	33.8	34.8	36.3	31.8	32.2	33.3	34.8	29.9	30.4	31.4	32.9	28.2	28.7	29.7	31.2
	S/T	0.84	0.76	0.62	0.46	1.00	0.77	0.62	0.47	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	1.00	0.69	0.54	1.00	1.00	0.75	0.60
	ΔT	14.88	13.68	11.44	9.12	14.85	13.65	11.41	9.09	15.02	13.82	11.58	9.26	14.84	13.64	11.40	9.08	14.68	13.48	11.24	8.92	15.43	14.23	11.99	9.67
	kW	1.88	1.88	1.88	1.89	2.11	2.11	2.10	2.12	2.36	2.36	2.36	2.37	2.64	2.63	2.63	2.65	2.94	2.94	2.94	2.95	3.30	3.30	3.30	3.31
	Amps	6.79	6.78	6.77	6.84	7.78	7.77	7.76	7.83	8.88	8.88	8.86	8.93	10.08	10.07	10.05	10.13	11.41	11.40	11.38	11.46	12.97	12.97	12.95	13.02
	Lo PR	261	262	264	269	302	303	305	310	345	346	348	352	391	392	394	399	441	442	444	448	494	495	497	501
1294	MBh	35.0	35.5	36.5	38.1	34.7	35.2	36.2	37.8	33.8	34.3	35.3	36.9	32.3	32.8	33.8	35.3	30.4	30.9	31.9	33.5	28.7	29.2	30.2	31.8
	S/T	0.87	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.83	0.68	0.53	1.00	0.85	0.70	0.55	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63
	ΔT	14.27	13.07	10.83	8.51	14.24	13.04	10.80	8.48	14.41	13.21	10.97	8.65	14.23	13.03	10.79	8.47	14.07	12.87	10.63	8.31	14.82	13.62	11.38	9.06
	kW	1.89	1.89	1.89	1.90	2.12	2.12	2.11	2.13	2.37	2.37	2.37	2.38	2.65	2.64	2.64	2.66	2.95	2.95	2.95	2.96	3.31	3.31	3.31	3.32
	Amps	6.84	6.83	6.81	6.89	7.82	7.82	7.80	7.87	8.93	8.92	8.90	8.98	10.12	10.11	10.09	10.17	11.45	11.44	11.43	11.50	13.02	13.01	12.99	13.07
	Lo PR	263	265	266	271	304	305	307	312	347	348	350	355	393	394	396	401	443	444	446	450	496	497	499	503

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling 8 ±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15 ±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

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

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	MBh	34.2	34.7	35.7	37.3	33.9	34.4	35.4	37.0	33.0	33.5	34.5	36.1	31.5	32.0	33.0	34.5	29.6	30.1	31.1	32.7	27.9	28.4	29.4	31.0	27.9	28.4	29.4	31.0								
	S/T	1.00	0.83	0.68	0.5	1.00	0.83	0.69	0.5	1.00	0.86	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.82	0.7								
	ΔT	18.26	17.07	14.83	12.5	18.23	17.03	14.79	12.5	18.40	17.20	14.96	12.6	18.22	17.02	14.78	12.5	18.06	16.86	14.62	12.3	18.81	17.61	15.37	13.1	18.81	17.61	15.37	13.1								
	kW	1.87	1.87	1.86	1.88	2.10	2.10	2.09	2.11	2.35	2.35	2.35	2.36	2.63	2.62	2.62	2.64	2.93	2.93	2.93	2.94	3.29	3.29	3.29	3.30	3.29	3.29	3.29	3.30								
	Amps	6.75	6.74	6.72	6.80	7.73	7.73	7.71	7.79	8.84	8.83	8.81	8.89	10.03	10.02	10.01	10.08	11.36	11.36	11.34	11.41	12.93	12.92	12.90	12.98	12.93	12.92	12.90	12.98								
	Hi PR	260	261	263	267	300	302	303	308	343	344	346	351	389	391	392	397	439	440	442	447	492	493	495	500	492	493	495	500								
	Lo PR	128	130	133	138	136	137	141	146	143	144	148	153	148	150	153	159	154	156	159	164	161	163	166	171	161	163	166	171								
	MBh	34.7	35.1	36.2	37.7	34.4	34.8	35.8	37.4	33.5	33.9	35.0	36.5	31.9	32.4	33.4	35.0	30.1	30.5	31.6	33.1	28.4	28.8	29.9	31.4	28.4	28.8	29.9	31.4								
	S/T	1.00	0.89	0.75	0.6	1.00	0.90	0.75	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7								
	ΔT	17.54	16.34	14.10	11.8	17.51	16.31	14.07	11.7	17.68	16.48	14.24	11.9	17.49	16.30	14.06	11.7	17.33	16.13	13.90	11.6	18.09	16.89	14.65	12.3	18.09	16.89	14.65	12.3								
1600	kW	1.88	1.88	1.88	1.89	2.11	2.11	2.10	2.12	2.36	2.36	2.36	2.37	2.64	2.64	2.63	2.65	2.94	2.94	2.94	2.96	3.30	3.30	3.30	3.32	3.30	3.30	3.30	3.32								
	Amps	6.80	6.79	6.77	6.85	7.79	7.78	7.76	7.84	8.89	8.88	8.86	8.94	10.08	10.07	10.06	10.13	11.41	11.41	11.39	11.47	12.98	12.97	12.95	13.03	12.98	12.97	12.95	13.03								
	Hi PR	262	263	265	269	303	304	306	310	345	347	348	353	392	393	395	399	441	442	444	449	494	495	497	502	494	495	497	502								
	Lo PR	130	132	135	140	138	139	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173	163	165	168	173								
	MBh	35.2	35.7	36.7	38.2	34.9	35.4	36.4	37.9	34.0	34.5	35.5	37.1	32.5	33.0	34.0	35.5	30.6	31.1	32.1	33.7	28.9	29.4	30.4	31.9	28.9	29.4	30.4	31.9								
	S/T	1.00	0.93	0.78	0.6	1.00	0.93	0.79	0.6	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	1.00	1.00	1.00	0.8								
	ΔT	16.93	15.73	13.49	11.2	16.90	15.70	13.46	11.1	17.07	15.87	13.63	11.3	16.88	15.69	13.45	11.1	16.72	15.52	13.28	11.0	17.48	16.28	14.04	11.7	17.48	16.28	14.04	11.7								
	kW	1.89	1.89	1.89	1.90	2.12	2.12	2.11	2.13	2.37	2.37	2.37	2.38	2.65	2.65	2.64	2.66	2.95	2.95	2.95	2.97	3.31	3.31	3.31	3.33	3.31	3.31	3.31	3.33								
	Amps	6.84	6.83	6.82	6.89	7.83	7.82	7.80	7.88	8.93	8.92	8.91	8.98	10.12	10.12	10.10	10.18	11.46	11.45	11.43	11.51	13.02	13.01	13.00	13.07	13.02	13.01	13.00	13.07								
	Hi PR	264	265	267	271	305	306	308	312	348	349	351	355	394	395	397	401	443	445	446	451	496	498	499	504	496	498	499	504								
Lo PR	132	134	137	142	140	141	145	150	147	148	151	157	152	154	157	163	158	160	163	168	165	167	170	175	165	167	170	175									
85	MBh	34.8	35.3	36.3	37.8	34.5	35.0	36.0	37.5	33.6	34.1	35.1	36.6	32.1	32.5	33.6	35.1	30.2	30.7	31.7	33.2	28.5	29.0	30.0	31.5	28.5	29.0	30.0	31.5								
	S/T	1.00	0.93	0.79	0.6	1.00	1.00	0.80	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8								
	ΔT	20.62	19.42	17.18	14.9	20.59	19.39	17.15	14.8	20.76	19.56	17.32	15.0	20.57	19.38	17.14	14.8	20.41	19.21	16.98	14.7	21.17	19.97	17.73	15.4	21.17	19.97	17.73	15.4								
	kW	1.87	1.87	1.87	1.89	2.10	2.10	2.10	2.11	2.36	2.35	2.35	2.37	2.63	2.63	2.62	2.64	2.94	2.94	2.93	2.95	3.30	3.29	3.29	3.31	3.30	3.29	3.29	3.31								
	Amps	6.77	6.76	6.74	6.82	7.75	7.75	7.73	7.80	8.86	8.85	8.83	8.91	10.05	10.04	10.02	10.10	11.38	11.37	11.36	11.43	12.95	12.94	12.92	13.00	12.95	12.94	12.92	13.00								
	Hi PR	261	262	264	268	302	303	305	309	345	346	347	352	391	392	394	398	440	441	443	448	493	494	496	501	493	494	496	501								
	Lo PR	130	132	135	140	138	139	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173	163	165	168	173								
	MBh	35.2	35.7	36.7	38.3	34.9	35.4	36.4	38.0	34.0	34.5	35.5	37.1	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.9	29.4	30.4	32.0	28.9	29.4	30.4	32.0								
	S/T	1.00	1.00	0.85	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	1.00	1.00	1.00	0.8								
	ΔT	19.90	18.70	16.46	14.1	19.86	18.66	16.42	14.1	20.03	18.83	16.59	14.3	19.85	18.65	16.41	14.1	19.69	18.49	16.25	13.9	20.44	19.24	17.00	14.7	20.44	19.24	17.00	14.7								
1600	kW	1.89	1.88	1.88	1.90	2.11	2.11	2.11	2.13	2.37	2.37	2.36	2.38	2.64	2.64	2.64	2.65	2.95	2.95	2.94	2.96	3.31	3.31	3.30	3.32	3.31	3.31	3.30	3.32								
	Amps	6.82	6.81	6.79	6.87	7.80	7.80	7.78	7.86	8.91	8.90	8.88	8.96	10.10	10.09	10.08	10.15	11.43	11.43	11.41	11.48	13.00	12.99	12.97	13.05	13.00	12.99	12.97	13.05								
	Hi PR	263	264	266	271	304	305	307	311	347	348	350	354	393	394	396	400	443	444	445	450	496	497	498	503	496	497	498	503								
	Lo PR	132	134	137	142	140	141	145	150	147	148	151	157	152	154	157	163	158	159	163	168	165	167	170	175	165	167	170	175								
	MBh	35.8	36.2	37.3	38.8	35.5	35.9	37.0	38.5	34.6	35.1	36.1	37.6	33.0	33.5	34.5	36.1	31.2	31.7	32.7	34.2	29.5	30.0	31.0	32.5	29.5	30.0	31.0	32.5								
	S/T	1.00	1.00	0.89	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.92	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	1.00	1.00	1.00	0.9								
	ΔT	19.29	18.09	15.85	13.5	19.25	18.05	15.81	13.5	19.42	18.22	15.98	13.7	19.24	18.04	15.80	13.5	19.08	17.88	15.64	13.3	19.83	18.63	16.39	14.1	19.83	18.63	16.39	14.1								
	kW	1.90	1.89	1.89	1.91	2.12	2.12	2.12	2.14	2.38	2.38	2.37	2.39	2.65	2.65	2.65	2.66	2.96	2.96	2.95	2.97	3.32	3.32	3.32	3.33	3.32	3.32	3.32	3.33								
	Amps	6.86	6.85	6.83	6.91	7.85	7.84	7.82	7.90	8.95	8.94	8.93	9.00	10.14	10.14	10.12	10.19	11.48	11.47	11.45	11.53	13.04	13.03	13.02	13.09	13.04	13.03	13.02	13.09								
	Hi PR	265	266	268	273	306	307	309	314	349	350	352	356	395	396	398	402	445	446	448	452	498	499	501	505	498	499	501	505								
Lo PR	134	136	139	144	142	143	147	152	149	150	153	159	154	156	159	165	160	162	165	170	167	169	172	177	167	169	172	177									
DB: Entering Indoor Dry Bulb Temperature		kW = Total system power																																			
High and low pressures are measured at the liquid and suction access fittings.		Amps = outdoor unit amps (comp.+fan)																																			
		Shaded area reflects AHRI conditions.																																			

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

Shaded area reflects AHRI conditions.

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

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	1750	MBh	57.99	58.81	60.54	-	57.47	58.29	60.02	-	55.96	56.78	58.51	-	53.35	54.17	55.90	-	50.17	50.99	52.72	-	47.26	48.08	49.81	-
		S/T	0.63	0.55	0.41	-	0.63	0.55	0.41	-	0.66	0.58	0.44	-	0.68	0.60	0.46	-	1.00	0.62	0.48	-	1.00	0.68	0.54	-
		ΔT	10.85	9.84	7.97	-	10.82	9.82	7.94	-	10.96	9.96	8.08	-	10.81	9.81	7.93	-	10.67	9.67	7.80	-	11.30	10.30	8.43	-
		kW	3.69	3.69	3.68	-	4.12	4.12	4.11	-	4.60	4.60	4.59	-	5.12	5.11	5.11	-	5.69	5.69	5.68	-	6.37	6.37	6.36	-
		Amps	13.02	13.00	12.97	-	14.88	14.86	14.83	-	16.95	16.94	16.91	-	19.20	19.18	19.15	-	21.71	21.70	21.66	-	24.65	24.64	24.61	-
70	2000	Hi PR	264.37	265.52	267.38	-	306.09	307.23	309.09	-	349.79	350.94	352.80	-	396.85	398.00	399.86	-	447.59	448.74	450.60	-	501.74	502.89	504.75	-
		Lo PR	121.67	123.17	126.27	-	129.07	130.58	133.68	-	135.56	137.06	140.16	-	141.04	142.54	145.64	-	146.42	147.92	151.02	-	153.16	154.66	157.76	-
		MBh	58.75	59.57	61.30	-	58.23	59.05	60.79	-	56.72	57.54	59.27	-	54.11	54.93	56.67	-	50.93	51.75	53.48	-	48.02	48.84	50.57	-
		S/T	0.69	0.61	0.47	-	0.69	0.62	0.48	-	0.72	0.64	0.50	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.74	0.60	-
		ΔT	10.24	9.24	7.36	-	10.21	9.21	7.34	-	10.35	9.35	7.48	-	10.20	9.20	7.33	-	10.07	9.07	7.19	-	10.70	9.69	7.82	-
70	2250	kW	3.72	3.71	3.71	-	4.14	4.14	4.13	-	4.62	4.62	4.61	-	5.14	5.14	5.13	-	5.72	5.71	5.71	-	6.39	6.39	6.38	-
		Amps	13.11	13.10	13.07	-	14.97	14.96	14.93	-	17.05	17.03	17.00	-	19.30	19.28	19.25	-	21.81	21.79	21.76	-	24.75	24.74	24.70	-
		Hi PR	266.62	267.76	269.62	-	308.33	309.48	311.34	-	352.04	353.19	355.04	-	399.10	400.25	402.10	-	449.84	450.98	452.84	-	503.99	505.13	506.99	-
		Lo PR	123.46	124.96	128.06	-	130.86	132.37	135.47	-	137.35	138.85	141.95	-	142.83	144.33	147.43	-	148.21	149.71	152.81	-	154.95	156.45	159.55	-
		MBh	59.67	60.49	62.22	-	59.15	59.97	61.70	-	57.63	58.45	60.19	-	55.03	55.85	57.58	-	51.84	52.66	54.40	-	48.94	49.76	51.49	-
75	1750	S/T	0.72	0.64	0.50	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-
		ΔT	9.73	8.73	6.85	-	9.70	8.70	6.83	-	9.84	8.84	6.97	-	9.69	8.69	6.82	-	9.56	8.56	6.68	-	10.19	9.18	7.31	-
		kW	3.74	3.73	3.73	-	4.16	4.16	4.15	-	4.64	4.64	4.63	-	5.16	5.15	5.15	-	5.74	5.73	5.72	-	6.41	6.41	6.40	-
		Amps	13.19	13.18	13.15	-	15.05	15.04	15.01	-	17.13	17.12	17.08	-	19.38	19.36	19.33	-	21.89	21.87	21.84	-	24.83	24.82	24.79	-
		Hi PR	268.80	269.94	271.80	-	310.51	311.66	313.52	-	354.22	355.36	357.22	-	401.28	402.43	404.28	-	452.02	453.16	455.02	-	506.16	507.31	509.17	-
75	2000	Lo PR	125.44	126.95	130.04	-	132.85	134.35	137.45	-	139.33	140.83	143.93	-	144.81	146.31	149.41	-	150.19	151.69	154.79	-	156.93	158.43	161.53	-
		MBh	58.02	58.84	60.58	63.22	57.51	58.32	60.06	62.70	55.99	56.81	58.54	61.19	53.39	54.21	55.94	58.58	50.20	51.02	52.75	55.40	47.30	48.11	49.85	52.49
		S/T	0.76	0.68	0.54	0.39	0.77	0.69	0.55	0.40	1.00	0.71	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.52
		ΔT	13.05	12.05	10.18	8.24	13.02	12.02	10.15	8.21	13.17	12.16	10.29	8.35	13.01	12.01	10.14	8.20	12.88	11.88	10.00	8.06	13.51	12.50	10.63	8.69
		kW	3.69	3.69	3.68	3.71	4.12	4.12	4.11	4.14	4.60	4.59	4.59	4.62	5.11	5.11	5.10	5.14	5.69	5.69	5.68	5.71	6.37	6.37	6.36	6.39
75	2250	Amps	13.01	12.99	12.96	13.10	14.86	14.85	14.82	14.96	16.94	16.93	16.89	17.04	19.19	19.17	19.14	19.28	21.70	21.68	21.65	21.79	24.64	24.63	24.60	24.74
		Hi PR	264.60	265.75	267.61	272.22	306.32	307.47	309.33	313.94	350.03	351.17	353.03	357.64	397.09	398.23	400.09	404.70	447.83	448.97	450.83	455.44	501.97	503.12	504.98	509.59
		Lo PR	121.70	123.20	126.30	131.48	129.10	130.61	133.70	138.89	135.59	137.09	140.19	145.37	141.07	142.57	145.67	150.85	146.45	147.95	151.05	156.23	153.18	154.69	157.79	162.97
		MBh	58.79	59.61	61.34	63.98	58.27	59.09	60.82	63.47	56.75	57.57	59.30	61.95	54.15	54.97	56.70	59.35	50.96	51.78	53.52	56.16	48.06	48.88	50.61	53.25
		S/T	0.82	0.74	0.60	0.46	0.83	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.53	1.00	1.00	0.73	0.58
75	2250	ΔT	12.45	11.44	9.57	7.63	12.42	11.42	9.54	7.60	12.56	11.56	9.68	7.74	12.41	11.40	9.53	7.59	12.27	11.27	9.40	7.46	12.90	11.90	10.03	8.09
		kW	3.71	3.71	3.70	3.74	4.14	4.14	4.13	4.16	4.62	4.62	4.61	4.64	5.14	5.13	5.13	5.16	5.71	5.71	5.70	5.74	6.39	6.39	6.38	6.41
		Amps	13.10	13.09	13.06	13.20	14.96	14.95	14.91	15.06	17.04	17.02	16.99	17.13	19.28	19.27	19.24	19.38	21.79	21.78	21.75	21.89	24.74	24.72	24.69	24.83
		Hi PR	266.85	268.00	269.86	274.46	308.57	309.71	311.57	316.18	352.27	353.42	355.28	359.89	399.33	400.48	402.34	406.95	450.07	451.22	453.08	457.69	504.22	505.37	507.23	511.83
		Lo PR	123.49	124.99	128.09	133.27	130.89	132.40	135.49	140.68	137.38	138.88	141.98	147.16	142.86	144.36	147.46	152.64	148.24	149.74	152.84	158.02	154.97	156.48	159.58	164.76
75	2250	MBh	59.70	60.52	62.25	64.90	59.18	60.00	61.73	64.38	57.67	58.49	60.22	62.87	55.06	55.88	57.61	60.26	51.88	52.70	54.43	57.08	48.97	49.79	51.52	54.17
		S/T	0.86	0.78	0.64	0.49	0.86	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	1.00	0.77	0.62
		ΔT	11.94	10.93	9.06	7.12	11.91	10.91	9.03	7.09	12.05	11.05	9.17	7.23	11.90	10.89	9.02	7.08	11.76	10.76	8.89	6.95	12.39	11.39	9.52	7.58
		kW	3.73	3.73	3.72	3.75	4.16	4.16	4.15	4.18	4.64	4.63	4.63	4.66	5.15	5.15	5.14	5.18	5.73	5.73	5.72	5.75	6.41	6.41	6.40	6.43
		Amps	13.18	13.17	13.14	13.28	15.04	15.03	15.00	15.14	17.12	17.10	17.07	17.21	19.36	19.35	19.32	19.46	21.87	21.86	21.83	21.97	24.82	24.81	24.77	24.92
75	2250	Hi PR	269.03	270.18	272.04	276.64	310.75	311.89	313.75	318.36	354.45	355.60	357.46	362.07	401.51	402.66	404.52	409.13	452.25	453.40	455.26	459.86	506.40	507.55	509.40	514.01
		Lo PR	125.47	126.98	130.07	135.25	132.87	134.38	137.48	142.66	139.36	140.86	143.96	149.14	144.84	146.34	149.44	154.62	150.22	151.72	154.82	160.00	156.96	158.46	161.56	166.74
		Shaded area reflects ACCA (TVA) conditions.																								
		kW = Total system power																								
		Amps = outdoor unit amps (comp.+fan)																								
IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																								
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
	1750	MBh	57.99	58.81	60.54	-	57.47	58.29	60.02	-	55.96	56.78	58.51	-	53.35	54.17	55.90	-	50.17	50.99						

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F															
		65°F				75°F				85°F				95°F				105°F				115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1750	MBh	58.33	59.14	60.88	63.52	57.81	58.63	60.36	63.00	56.29	57.11	58.84	61.49	53.69	54.51	56.24	58.88	50.50	51.32	53.05	55.70	47.60	48.41	50.15	52.79	47.60	48.41	50.15	52.79
	S/T	0.89	0.81	0.67	0.52	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.56	1.00	0.86	0.72	0.58	1.00	1.00	0.75	0.60	1.00	1.00	0.80	0.65	1.00	1.00	0.80	0.65
	ΔT	15.27	14.27	12.40	10.46	15.24	14.24	12.37	10.43	15.39	14.38	12.51	10.57	15.23	14.23	12.36	10.42	15.10	14.10	12.22	10.28	15.73	14.73	12.85	10.91	15.73	14.73	12.85	10.91
	kW	3.69	3.69	3.68	3.72	4.12	4.12	4.11	4.14	4.60	4.60	4.59	4.62	5.12	5.11	5.11	5.14	5.69	5.69	5.68	5.72	6.37	6.37	6.36	6.39	6.37	6.37	6.36	6.39
	Amps	13.01	13.00	12.97	13.11	14.87	14.86	14.83	14.97	16.95	16.94	16.90	17.05	19.20	19.18	19.15	19.29	21.71	21.69	21.66	21.80	24.65	24.64	24.61	24.75	24.65	24.64	24.61	24.75
	Hi PR	265.09	266.24	268.10	272.70	306.81	307.96	309.81	314.42	350.51	351.66	353.52	358.13	397.57	398.72	400.58	405.19	448.31	449.46	451.32	455.93	502.46	503.61	505.47	510.07	502.46	503.61	505.47	510.07
2000	Lo PR	122.24	123.74	126.84	132.02	129.64	131.14	134.24	139.42	136.12	137.63	140.73	145.91	141.61	143.11	146.21	151.39	146.99	148.49	151.59	156.77	153.72	155.23	158.32	163.51	153.72	155.23	158.32	163.51
	MBh	59.09	59.91	61.64	64.28	58.57	59.39	61.12	63.77	57.05	57.87	59.60	62.25	54.45	55.27	57.00	59.65	51.26	52.08	53.82	56.46	48.36	49.18	50.91	53.56	48.36	49.18	50.91	53.56
	S/T	1.00	0.87	0.73	0.59	1.00	0.88	0.74	0.59	1.00	0.91	0.77	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71
	ΔT	14.67	13.66	11.79	9.85	14.64	13.64	11.76	9.82	14.78	13.78	11.90	9.96	14.63	13.63	11.75	9.81	14.49	13.49	11.62	9.68	15.12	14.12	12.25	10.31	15.12	14.12	12.25	10.31
	kW	3.72	3.71	3.71	3.74	4.14	4.14	4.13	4.17	4.62	4.62	4.61	4.64	5.14	5.14	5.13	5.16	5.72	5.71	5.71	5.74	6.39	6.39	6.38	6.42	6.39	6.39	6.38	6.42
	Amps	13.11	13.10	13.06	13.21	14.97	14.96	14.92	15.07	17.05	17.03	17.00	17.14	19.29	19.28	19.25	19.39	21.80	21.79	21.76	21.90	24.75	24.73	24.70	24.84	24.75	24.73	24.70	24.84
2250	Hi PR	267.34	268.48	270.34	274.95	309.05	310.20	312.06	316.67	352.76	353.91	355.76	360.37	399.82	400.97	402.83	407.43	450.56	451.71	453.56	458.17	504.71	505.85	507.71	512.32	504.71	505.85	507.71	512.32
	Lo PR	124.03	125.53	128.63	133.81	131.43	132.93	136.03	141.21	137.91	139.42	142.52	147.70	143.40	144.90	148.00	153.18	148.78	150.28	153.38	158.56	155.51	157.02	160.11	165.30	155.51	157.02	160.11	165.30
	MBh	60.00	60.82	62.55	65.20	59.48	60.30	62.03	64.68	57.97	58.79	60.52	63.17	55.36	56.18	57.91	60.56	52.18	53.00	54.73	57.38	49.27	50.09	51.82	54.47	49.27	50.09	51.82	54.47
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.90	0.75	1.00	1.00	0.90	0.75
	ΔT	14.16	13.15	11.28	9.34	14.13	13.13	11.25	9.31	14.27	13.27	11.39	9.45	14.12	13.12	11.24	9.30	13.98	12.98	11.11	9.17	14.61	13.61	11.74	9.80	14.61	13.61	11.74	9.80
	kW	3.74	3.73	3.72	3.76	4.16	4.16	4.15	4.18	4.64	4.64	4.63	4.66	5.16	5.15	5.15	5.18	5.73	5.73	5.72	5.76	6.41	6.41	6.40	6.43	6.41	6.41	6.40	6.43
2250	Amps	13.19	13.18	13.15	13.29	15.05	15.04	15.01	15.15	17.13	17.11	17.08	17.22	19.37	19.36	19.33	19.47	21.88	21.87	21.84	21.98	24.83	24.82	24.78	24.93	24.83	24.82	24.78	24.93
	Hi PR	269.52	270.66	272.52	277.13	311.23	312.38	314.24	318.85	354.94	356.08	357.94	362.55	402.00	403.15	405.00	409.61	452.74	453.88	455.74	460.35	506.89	508.03	509.89	514.50	506.89	508.03	509.89	514.50
	Lo PR	126.01	127.51	130.61	135.79	133.41	134.92	138.01	143.20	139.90	141.40	144.50	149.68	145.38	146.88	149.98	155.16	150.76	152.26	155.36	160.54	157.49	159.00	162.10	167.28	157.49	159.00	162.10	167.28

1750	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	MBh	59.30	60.12	61.85	64.50	58.78	59.60	61.33	63.98	57.27	58.09	59.82	62.47	54.66	55.48	57.22	59.86	51.48	52.30	54.03	56.68	48.57	49.39	51.12	53.77	48.57	49.39	51.12	53.77	48.57	49.39	51.12	53.77
	S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.80	0.76	1.00	1.00	0.80	0.76	1.00	1.00	0.80	0.76
	ΔT	17.24	16.24	14.37	12.43	17.21	16.21	14.34	12.40	17.36	16.35	14.48	12.54	17.20	16.20	14.33	12.39	17.07	16.07	14.19	12.25	17.70	16.69	14.82	12.88	17.70	16.69	14.82	12.88	17.70	16.69	14.82	12.88
	kW	3.70	3.70	3.69	3.72	4.13	4.13	4.12	4.15	4.61	4.60	4.60	4.63	5.12	5.12	5.11	5.15	5.70	5.70	5.69	5.72	6.38	6.38	6.37	6.40	6.38	6.38	6.37	6.40	6.38	6.38	6.37	6.40
	Amps	13.05	13.04	13.00	13.15	14.91	14.90	14.86	15.01	16.99	16.97	16.94	17.08	19.23	19.22	19.19	19.33	21.74	21.73	21.70	21.84	24.69	24.67	24.64	24.78	24.69	24.67	24.64	24.78	24.69	24.67	24.64	24.78
2000	Hi PR	266.33	267.48	269.34	273.95	308.05	309.20	311.06	315.67	351.76	352.90	354.76	359.37	398.82	399.96	401.82	406.43	449.56	450.70	452.56	457.17	503.70	504.85	506.71	511.32	503.70	504.85	506.71	511.32	503.70	504.85	506.71	511.32
	Lo PR	124.06	125.57	128.66	133.85	131.47	132.97	136.07	141.25	137.95	139.45	142.55	147.73	143.43	144.93	148.03	153.21	148.81	150.31	153.41	158.59	155.55	157.05	160.15	165.33	155.55	157.05	160.15	165.33	155.55	157.05	160.15	165.33
	MBh	60.06	60.88	62.62	65.26	59.54	60.36	62.10	64.74	58.03	58.85	60.58	63.23	55.43	56.24	57.98	60.62	52.24	53.06	54.79	57.44	49.33	50.15	51.89	54.53	49.33	50.15	51.89	54.53	49.33	50.15	51.89	54.53
	S/T	1.00	0.98	0.84	0.69	1.00	0.98	0.84	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.82	0.78	1.00	1.00	0.82	0.78	1.00	1.00	0.82	0.78
	ΔT	16.64	15.63	13.76	11.82	16.61	15.61	13.73	11.79	16.75	15.75	13.87	11.93	16.60	15.59	13.72	11.78	16.46	15.46	13.59	11.65	17.09	16.09	14.22	12.28	17.09	16.09	14.22	12.28	17.09	16.09	14.22	12.28
2250	kW	3.72	3.72	3.71	3.75	4.15	4.15	4.14	4.17	4.63	4.63	4.62	4.65	5.15	5.14	5.14	5.17	5.72	5.72	5.71	5.75	6.40	6.40	6.39	6.42	6.40	6.40	6.39	6.42	6.40	6.40	6.39	6.42