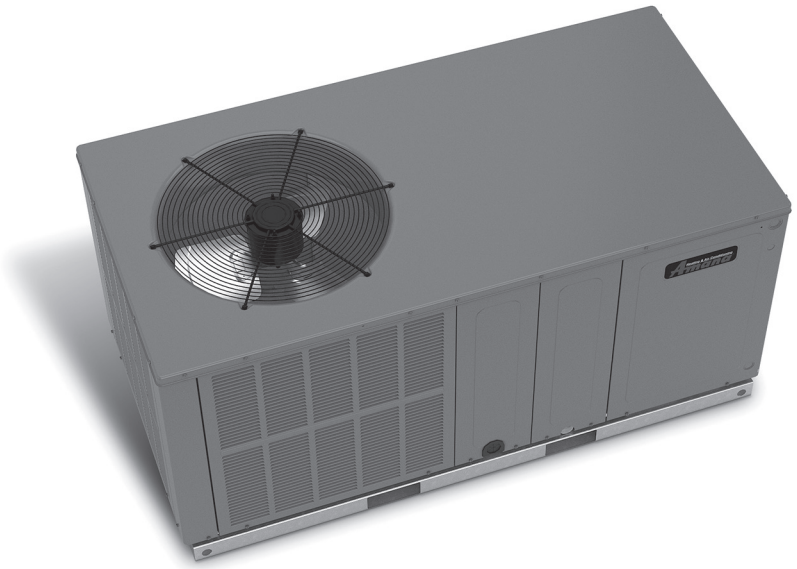
Heating & Air Conditioning
Amana
AMERICA'S BRAND FOR COMFORT™

APH16H

Cooling Capacity: 24,000 - 57,500 BTU/h
Heating Capacity: 22,800 - 54,500 BTU/h

High-Efficiency Packaged Heat Pumps 2 to 5 Tons Up to 16 SEER



Contents

Standard Features

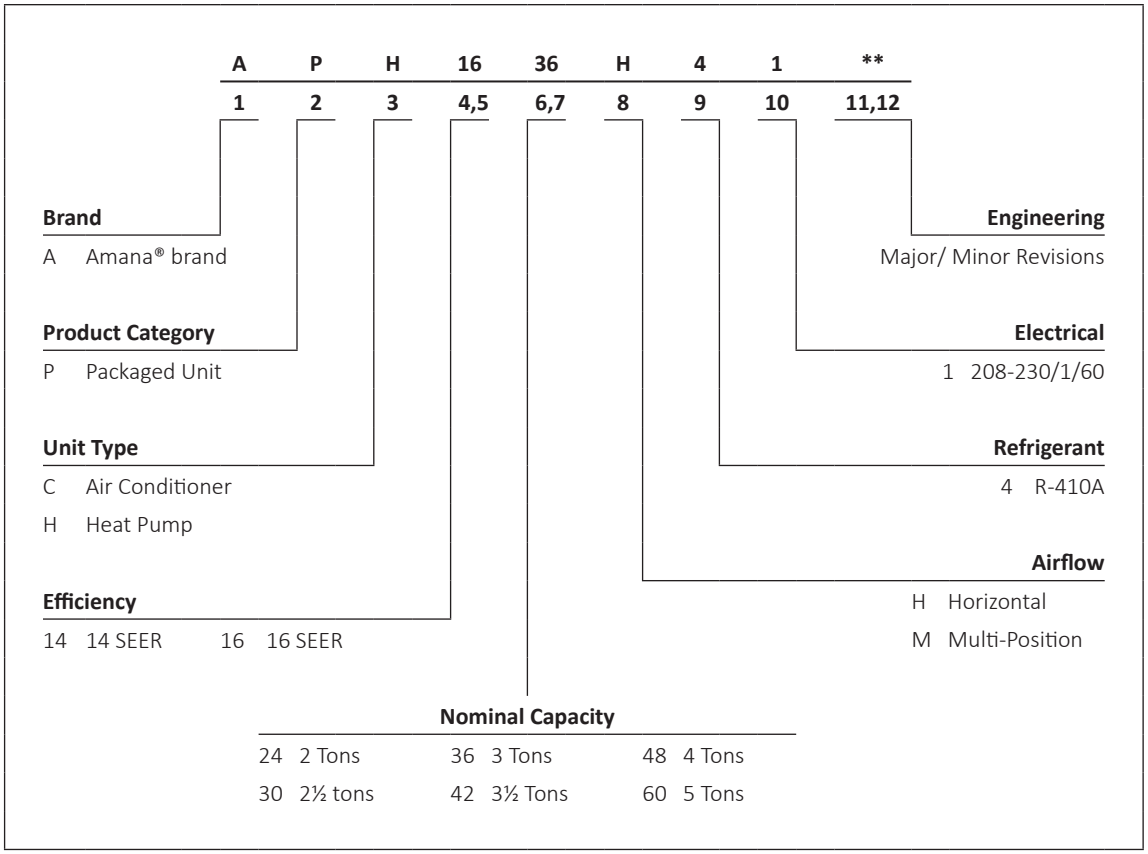
- High-efficiency scroll compressor
- Variable-speed ECM indoor blower motor
- Quiet horizontal discharge
- All-aluminum evaporator coil
- Copper tube / aluminum fin condenser coils
- Compressor sound blanket
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged system
- Electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Cabinet air leakage less than 2.0% at 1.0 inch H_2O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch H_2O when tested in accordance with ASHRAE standard 193
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint for all tonnages

LIFE TIME COMPRESSOR LIMITED WARRANTY* | 10 YEAR PARTS LIMITED WARRANTY* | ALL ALUMINUM COIL | ETL LISTED Intertek | AHRI CERTIFIED | COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL ISO 9001 | COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL ISO 14001

* Complete warranty details available from your local dealer or at www.amana-hac.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home) and 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.


A P H 16 36 H 4 1 **
1 2 3 4,5 6,7 8 9 10 11,12
Brand
A Amana® brand
Product Category
P Packaged Unit
Unit Type
C Air Conditioner
H Heat Pump
Efficiency
14 14 SEER
16 16 SEER
Nominal Capacity
24 2 Tons
30 2½ tons
36 3 Tons
42 3½ Tons
48 4 Tons
60 5 Tons
Airflow
H Horizontal
M Multi-Position
Refrigerant
4 R-410A
Electrical
1 208-230/1/60
Engineering
Major/ Minor Revisions

	APH16 24H41A*	APH16 30H41A*	APH16 36H41A*	APH16 42H41A*	APH16 42H41B*	APH16 48H41A*	APH16 60H41A*
COOLING CAPACITY							
Cooling Capacity (BTU/h)	24,000	28,400	36,000	42,000	42,000	46,000	57,500
Sensible BTU/h	18,200	21,400	27,000	30,000	30,000	34,600	40,500
SEER / EER	16.0 / 13.0	16.0 / 12.5	16.0 / 13.0	16.0 / 12.0	16.0 / 12.0	16.0 / 12.0	15.5/12
Decibels	76	76	78	78	79	80	80
AHRI Numbers	7953730	7953731	7953732	7953733	10259475	7953734	9008585
HEATING CAPACITY							
BTU/h (47°F)	22,800	27,600	32,200	40,000	40,000	44,000	54,500
C.O.P. (47°F)	3.8	3.8	3.8	3.8	3.8	3.8	3.6
BTU/h (17°F)	13,000	15,400	20,400	21,600	21,600	26,000	33,800
C.O.P. (17°F)	2.4	2.5	2.4	2.4	2.4	2.4	2.4
HSPF	8.0	8.0	8.0	8.0	8.2	8.0	8.2
EVAPORATOR MOTOR							
Type	ECM	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	11X8
Cooling CFM	875	1,050	1,200	1,300	1,300	1,600	1,700
Fan-Only CFM	800	950	1,100	1,200	1,200	1,400	1,600
RLA	4.3	4.3	4.3	4.3	4.3	6.8	6.8
No. of Speeds	Variable	Variable	Variable	Variable	Variable	Variable	Variable
Horsepower - RPM	½ - 1,050	½ - 1,050	½ - 1,050	¾ - 1,050	½ - 1,050	¾ - 1,050	¾ - 1,050
EVAPORATOR COIL							
Face Area (ft2)	5.2	5.2	6.2	6.2	6.2	6.2	7
Rows Deep/ Fins per Inch	3/ 14	3/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14
Indoor Metering Device Size	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Filter Size (ft2)	20 x 20 x 1	20 x 25 x 1	25 x 25 x 1	(2) 20 x 20 x 1	(2) 20x20x1	(2) 20 x 20 x 1	(2) 20x25x1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	116	116	170	170	170	170	175
CONDENSER FAN / COIL							
Horsepower - RPM	1/6 - 815	1/6 - 815	¼ - 1075	¼ - 1075	¼ - 1075	¼ - 1075	¼ - 1075
RLA/LRA	1.1 / 1.7	1.1 / 1.7	1.5 /3.0	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft2)	14.3	14.3	17	17	17	17	19
Outdoor Metering Device Size	0.047	0.047	0.057	0.059	TXV	TXV	TXV
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 20
COMPRESSOR							
Quantity / Type	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Two	1 / Scroll / Two	1 / Scroll / two
Compressor RLA/LRA	12.8 / 58.3	14.1 / 73	16.7 / 79	17.9 / 112	17.9 / 96	21.2 / 104	27.1/ 152.9
ELECTRICAL DATA							
Voltage/Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1
Indoor Blower FLA	4.3	4.3	4.3	4.3	4.3	6.8	6.8
Outdoor Fan RLA	1.1	1.1	1.4	1.4	1.4	1.4	1.4
Total Unit Amps	18.2	19.5	22.4	23.6	23.6	29.4	35.3
Min. Circuit Ampacity[1]	21	23	27	28	28	35	42.1
Min. Overcurrent Protection (amps)[2]	30	35	40	45	45	50	60
OPERATING WEIGHTS (LBS)	315	315	375	375	375	400	405
SHIPPING WEIGHTS (LBS)	325	325	385	385	385	410	415

[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.

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

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			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	950	MBh	23.1	23.9	26.2	-	22.5	23.3	25.6	-	22.0	22.8	25.0	-	21.5	22.2	24.4	-	20.4	21.1	23.1	-	18.9	19.6	21.4	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	15	13	10	-
		kW	1.42	1.45	1.50	-	1.54	1.57	1.62	-	1.64	1.67	1.73	-	1.72	1.76	1.82	-	1.80	1.84	1.90	-	1.86	1.91	1.97	-
		Amps	6.1	6.2	6.4	-	6.5	6.6	6.8	-	7.0	7.2	7.4	-	7.4	7.6	7.8	-	7.9	8.0	8.3	-	8.3	8.5	8.7	-
		Hi PR	218	234	247	-	244	263	278	-	278	299	316	-	316	340	360	-	356	383	404	-	393	423	447	-
		Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-
	875	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	1.42	1.45	1.50	-	1.53	1.57	1.62	-	1.63	1.67	1.72	-	1.72	1.76	1.82	-	1.79	1.83	1.90	-	1.86	1.90	1.97	-
		Amps	6.1	6.2	6.4	-	6.5	6.6	6.8	-	7.0	7.1	7.4	-	7.4	7.6	7.8	-	7.8	8.0	8.3	-	8.3	8.5	8.7	-
		Hi PR	217	234	247	-	244	262	277	-	277	298	315	-	315	339	358	-	355	382	403	-	392	422	446	-
		Lo PR	109	116	127	-	116	123	134	-	120	128	139	-	126	134	147	-	132	141	154	-	137	145	159	-
	750	MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	1.38	1.41	1.46	-	1.49	1.53	1.58	-	1.59	1.63	1.68	-	1.67	1.71	1.77	-	1.75	1.79	1.85	-	1.81	1.85	1.91	-
		Amps	5.9	6.0	6.2	-	6.3	6.5	6.7	-	6.8	7.0	7.2	-	7.2	7.4	7.6	-	7.7	7.8	8.1	-	8.1	8.2	8.5	-
		Hi PR	211	227	239	-	236	254	268	-	269	289	305	-	306	329	348	-	344	370	391	-	380	409	432	-
		Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
75	950	MBh	23.5	24.1	26.1	28.1	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.7	21.8	**22.5**	24.3	26.1	20.7	21.3	23.1	24.8	19.2	19.8	21.4	23.0
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	**0.82**	0.62	0.40	0.96	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	**18**	15	10	19	18	14	10	18	16	14	9
		kW	1.43	1.47	1.51	1.56	1.55	1.58	1.64	1.69	1.65	1.69	1.74	1.80	1.74	**1.78**	1.84	1.90	1.81	1.86	1.92	1.98	1.88	1.92	1.99	2.06
		Amps	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.1	7.1	7.2	7.4	7.7	7.5	**7.7**	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.8	9.1
		Hi PR	220	237	250	261	247	266	280	292	281	302	319	333	320	**344**	363	379	360	387	409	426	397	428	451	471
		Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	**136**	148	158	134	143	156	166	139	147	161	171
	875	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	**22.2**	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	**0.81**	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	**19**	15	11	20	19	15	11	19	17	14	10
		kW	1.43	1.46	1.51	1.56	1.54	1.58	1.63	1.69	1.65	1.68	1.74	1.80	1.73	**1.77**	1.83	1.90	1.81	1.85	1.91	1.98	1.87	1.92	1.98	2.05
		Amps	6.1	6.2	6.4	6.6	6.5	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.5	**7.6**	7.9	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.1
		Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	**343**	362	378	358	386	407	425	396	426	450	469
		Lo PR	110	118	128	137	117	124	136	144	121	129	141	150	127	**136**	148	158	134	142	155	165	138	147	160	171
	750	MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	**20.5**	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	**0.78**	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		kW	1.40	1.43	1.47	1.52	1.51	1.54	1.59	1.64	1.60	1.64	1.69	1.75	1.69	**1.73**	1.79	1.85	1.76	1.80	1.86	1.93	1.83	1.87	1.93	2.00
		Amps	6.0	6.1	6.3	6.5	6.4	6.5	6.7	6.9	6.9	7.0	7.2	7.5	7.3	**7.5**	7.7	7.9	7.7	7.9	8.1	8.4	8.1	8.3	8.6	8.9
		Hi PR	213	229	242	252	239	257	271	283	271	292	308	322	309	**333**	351	366	348	374	395	412	384	413	437	455
		Lo PR	107	114	124	133	113	120	132	140	118	125	137	146	124	**132**	144	153	130	138	150	160	134	143	156	166

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 5-7 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	950	MBh	23.9	24.4	26.1	27.9	23.3	23.8	25.5	27.2	22.8	23.3	24.8	26.6	22.2	22.7	24.2	25.9	21.1	21.6	23.0	24.6	19.5	20.0	21.3	22.8
		S/T	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.81	0.60
		ΔT	21	20	18	14	22	21	18	14	22	21	18	14	21	21	18	14	20	20	18	14	19	19	17	13
		kW	1.45	1.48	1.53	1.58	1.56	1.60	1.65	1.70	1.66	1.70	1.76	1.82	1.75	1.79	1.85	1.92	1.83	1.87	1.94	2.00	1.90	1.94	2.01	2.08
		Amps	6.2	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.2	8.0	8.2	8.4	8.7	8.4	8.6	8.9	9.2
		Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	383	363	391	413	430	401	432	456	476
		Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173
	875	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	**24.0**	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	**0.76**	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	22	22	19	15	20	20	18	14
		kW	1.44	1.47	1.52	1.57	1.56	1.59	1.65	1.70	1.66	1.70	1.75	1.81	1.75	1.79	**1.85**	1.91	1.82	1.87	1.93	2.00	1.89	1.93	2.00	2.07
		Amps	6.2	6.3	6.5	6.7	6.6	6.7	6.9	7.2	7.1	7.3	7.5	7.7	7.5	7.7	**7.9**	8.2	8.0	8.2	8.4	8.7	8.4	8.6	8.9	9.2
		Hi PR	221	238	252	262	248	267	282	295	283	304	321	335	322	346	**366**	381	362	390	411	429	400	431	455	474
		Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	**150**	159	135	144	157	167	140	148	162	173
	750	MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		ΔT	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15
		kW	1.41	1.44	1.48	1.53	1.52	1.55	1.60	1.66	1.62	1.65	1.71	1.77	1.70	1.74	1.80	1.86	1.78	1.82	1.88	1.94	1.84	1.88	1.95	2.02
		Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.5	7.4	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.6	9.0
		Hi PR	215	231	244	255	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	418	441	460
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
85	950	MBh	24.3	24.8	25.9	27.7	23.7	24.2	25.3	27.0	23.2	23.6	24.7	26.4	22.6	23.0	24.1	25.7	21.5	21.9	22.9	24.4	19.9	20.3	21.2	22.6
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		ΔT	23	22	21	18	23	23	21	18	22	23	21	18	22	22	22	19	21	21	21	18	19	20	20	17
		kW	1.46	1.49	1.54	1.59	1.57	1.61	1.66	1.72	1.68	1.72	1.77	1.83	1.77	1.81	1.87	1.93	1.85	1.89	1.95	2.02	1.91	1.96	2.02	2.09
		Amps	6.2	6.3	6.5	6.7	6.7	6.8	7.0	7.2	7.2	7.3	7.6	7.8	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.8	8.5	8.7	9.0	9.3
		Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	371	386	367	395	417	435	405	436	461	480
		Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175
	875	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	24	24	22	19	24	24	22	19	24	24	23	19	24	24	23	20	22	23	22	19	21	21	21	18
		kW	1.45	1.49	1.54	1.59	1.57	1.61	1.66	1.72	1.67	1.71	1.77	1.83	1.76	1.80	1.86	1.93	1.84	1.88	1.95	2.01	1.91	1.95	2.02	2.09
		Amps	6.2	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.1	8.2	8.5	8.8	8.5	8.7	9.0	9.3
		Hi PR	224	241	254	265	251	270	285	297	285	307	324	338	325	350	369	385	366	394	416	433	404	435	459	479
		Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174
	750	MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7
		S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	22	23	22	19
		kW	1.42	1.45	1.50	1.55	1.53	1.57	1.62	1.67	1.63	1.67	1.72	1.78	1.72	1.76	1.82	1.88	1.79	1.83	1.90	1.96	1.86	1.90	1.96	2.03
		Amps	6.1	6.2	6.4	6.6	6.5	6.6	6.8	7.0	7.0	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.7	9.0
		Hi PR	217	233	247	257	243	262	277	289	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465
		Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 5-7 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			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	1180	MBh	27.8	28.8	31.6	-	27.2	28.2	30.9	-	26.5	27.5	30.1	-	25.9	26.8	29.4	-	24.6	25.5	27.9	-	22.8	23.6	25.9	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.72	0.50	-
		ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
		kW	1.74	1.78	1.84	-	1.88	1.92	1.99	-	2.01	2.05	2.12	-	2.11	2.16	2.24	-	2.21	2.26	2.33	-	2.29	2.34	2.42	-
		Amps	7.3	7.5	7.7	-	7.9	8.0	8.3	-	8.5	8.7	8.9	-	9.0	9.2	9.5	-	9.5	9.8	10.1	-	10.1	10.3	10.6	-
		Hi PR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	425	-	413	444	469	-
		Lo PR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	140	153	-	137	145	159	-
	1050	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.1	26.1	28.5	-	23.9	24.7	27.1	-	22.1	22.9	25.1	-
		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
		kW	1.73	1.77	1.82	-	1.87	1.91	1.97	-	1.99	2.03	2.10	-	2.10	2.14	2.22	-	2.19	2.24	2.31	-	2.27	2.32	2.40	-
		Amps	7.3	7.4	7.6	-	7.8	8.0	8.2	-	8.4	8.6	8.8	-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.0	10.2	10.5	-
		Hi PR	226	243	257	-	254	273	288	-	289	311	328	-	329	354	374	-	370	398	420	-	409	440	464	-
		Lo PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-
	925	MBh	25.7	26.6	29.1	-	25.1	26.0	28.5	-	24.5	25.4	27.8	-	23.9	24.7	27.1	-	22.7	23.5	25.8	-	21.0	21.8	23.9	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.79	0.66	0.46	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	1.70	1.74	1.79	-	1.83	1.88	1.94	-	1.95	2.00	2.07	-	2.06	2.11	2.18	-	2.15	2.20	2.27	-	2.23	2.28	2.36	-
		Amps	7.1	7.3	7.5	-	7.7	7.8	8.1	-	8.3	8.4	8.7	-	8.8	9.0	9.2	-	9.3	9.5	9.8	-	9.8	10.0	10.3	-
		Hi PR	222	239	252	-	249	268	283	-	283	304	322	-	322	347	366	-	363	390	412	-	401	431	455	-
		Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-

75	1180	MBh	28.3	29.1	31.5	33.9	27.6	28.5	30.8	33.1	27.0	27.8	30.1	32.3	26.3	**27.1**	29.3	31.5	25.0	25.8	27.9	29.9	23.2	23.9	25.8	27.7
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.94	**0.84**	0.64	0.41	0.98	0.87	0.66	0.43	0.98	0.88	0.67	0.43
		ΔT	19	17	14	10	19	18	14	10	19	18	14	10	19	**18**	15	10	19	18	14	10	18	16	13	9
		kW	1.76	1.80	1.85	1.92	1.90	1.94	2.01	2.07	2.02	2.07	2.14	2.21	2.13	**2.18**	2.26	2.33	2.23	2.28	2.36	2.44	2.31	2.36	2.44	2.53
		Amps	7.4	7.5	7.8	8.0	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.1	**9.3**	9.6	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.7	11.1
		Hi PR	231	248	262	274	259	279	294	307	295	317	335	349	336	**361**	381	398	377	406	429	447	417	449	474	494
		Lo PR	110	117	128	137	117	124	135	144	121	129	141	150	127	**135**	148	157	133	142	155	165	138	147	160	171
	1050	MBh	27.5	28.3	30.6	32.9	26.8	27.6	29.9	32.1	26.2	27.0	29.2	31.3	25.6	**26.3**	28.5	30.6	24.3	25.0	27.1	29.0	22.5	23.2	25.1	26.9
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	**0.80**	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
		ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	**18**	15	10	20	18	15	10	18	17	14	10
		kW	1.74	1.78	1.84	1.90	1.88	1.92	1.99	2.06	2.01	2.05	2.12	2.19	2.11	**2.16**	2.24	2.31	2.21	2.26	2.34	2.42	2.29	2.34	2.42	2.51
		Amps	7.3	7.5	7.7	8.0	7.9	8.0	8.3	8.5	8.5	8.7	8.9	9.2	9.0	**9.2**	9.5	9.8	9.5	9.8	10.1	10.4	10.1	10.3	10.6	11.0
		Hi PR	229	246	260	271	256	276	291	304	292	314	331	346	332	**357**	377	394	374	402	425	443	413	444	469	489
		Lo PR	109	116	127	135	115	123	134	143	120	128	139	148	126	**134**	146	156	132	141	153	163	137	145	159	169
	925	MBh	26.1	26.9	29.1	31.2	25.5	26.3	28.4	30.5	24.9	25.6	27.7	29.8	24.3	**25.0**	27.1	29.0	23.1	23.8	25.7	27.6	21.4	22.0	23.8	25.6
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	**0.77**	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	20	19	15	11	19	18	14	10
		kW	1.71	1.75	1.81	1.87	1.85	1.89	1.95	2.02	1.97	2.02	2.08	2.16	2.08	**2.13**	2.20	2.27	2.17	2.22	2.29	2.37	2.25	2.30	2.38	2.46
		Amps	7.2	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	8.9	**9.0**	9.3	9.7	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.8
		Hi PR	224	241	255	265	251	270	286	298	286	308	325	339	326	**350**	370	386	366	394	416	434	405	435	460	480
		Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	124	**131**	143	153	129	138	150	160	134	142	155	166

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 5-7 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80		MBh	28.8	29.4	31.4	33.6	28.1	28.7	30.7	32.8	27.5	28.1	30.0	32.1	26.8	27.4	29.3	31.3	25.5	26.0	27.8	29.7	23.6	24.1	25.7	27.5
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
		ΔT	21	20	18	14	22	20	18	14	21	20	18	14	21	21	18	14	20	20	18	14	18	19	17	13
	1180	kW	1.77	1.81	1.87	1.93	1.91	1.96	2.02	2.09	2.04	2.09	2.16	2.23	2.15	2.20	2.28	2.35	2.25	2.30	2.38	2.46	2.33	2.38	2.46	2.55
		Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.8	11.2
		Hi PR	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499
		Lo PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172
		MBh	28.0	28.6	30.5	32.6	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1	26.0	26.6	**28.4**	30.4	24.7	25.3	27.0	28.8	22.9	23.4	25.0	26.7
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	**0.75**	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59
		ΔT	22	21	18	15	22	21	19	15	22	21	19	15	22	21	**19**	15	22	21	18	15	20	20	17	14
	1050	kW	1.76	1.80	1.86	1.92	1.90	1.94	2.01	2.07	2.02	2.07	2.14	2.21	2.13	2.18	**2.26**	2.33	2.23	2.28	2.36	2.44	2.31	2.36	2.44	2.53
		Amps	7.4	7.5	7.8	8.0	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.1	9.3	**9.6**	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.7	11.1
		Hi PR	231	248	262	274	259	279	294	307	295	317	335	349	336	361	**381**	398	377	406	429	447	417	449	474	494
		Lo PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	**148**	157	133	142	155	165	138	147	160	171
		MBh	26.6	27.1	29.0	31.0	25.9	26.5	28.3	30.3	25.3	25.9	27.7	29.6	24.7	25.3	27.0	28.8	23.5	24.0	25.6	27.4	21.7	22.2	23.7	25.4
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
	925	kW	1.73	1.77	1.82	1.88	1.87	1.91	1.97	2.04	1.99	2.03	2.10	2.17	2.10	2.14	2.22	2.29	2.19	2.24	2.31	2.40	2.27	2.32	2.40	2.48
		Amps	7.3	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.2	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.9
		Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	464	484
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
85		MBh	29.3	29.9	31.3	33.4	28.6	29.2	30.6	32.6	27.9	28.5	29.8	31.8	27.3	27.8	29.1	31.1	25.9	26.4	27.7	29.5	24.0	24.5	25.6	27.3
		S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.99	0.80
		ΔT	23	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	21	21	18	19	19	20	17
	1180	kW	1.79	1.83	1.89	1.95	1.93	1.97	2.04	2.11	2.06	2.10	2.18	2.25	2.17	2.22	2.30	2.38	2.26	2.32	2.40	2.48	2.35	2.40	2.48	2.57
		Amps	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	9.8	10.0	10.3	10.7	10.3	10.6	10.9	11.3
		Hi PR	235	253	268	279	264	284	300	313	301	323	342	356	342	368	389	406	385	414	438	456	425	458	483	504
		Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	168	141	150	163	174
		MBh	28.5	29.0	30.4	32.4	27.8	28.3	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.1	25.1	25.6	26.8	28.6	23.3	23.7	24.9	26.5
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	23	23	22	19	24	23	22	19	24	23	22	19	23	24	22	19	22	22	22	19	20	21	20	18
	1050	kW	1.77	1.81	1.87	1.93	1.91	1.96	2.02	2.09	2.04	2.09	2.16	2.23	2.15	2.20	2.28	2.35	2.25	2.30	2.38	2.46	2.33	2.38	2.46	2.55
		Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.8	11.2
		Hi PR	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499
		Lo PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172
		MBh	27.0	27.6	28.9	30.8	26.4	26.9	28.2	30.1	25.8	26.3	27.5	29.4	25.1	25.6	26.8	28.6	23.9	24.4	25.5	27.2	22.1	22.6	23.6	25.2
		S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73
		ΔT	24	24	22	19	24	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
	925	kW	1.74	1.78	1.84	1.90	1.88	1.92	1.99	2.06	2.01	2.05	2.12	2.19	2.11	2.16	2.24	2.31	2.21	2.26	2.33	2.42	2.29	2.34	2.42	2.50
		Amps	7.3	7.5	7.7	8.0	7.9	8.0	8.3	8.5	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.4	10.1	10.3	10.6	11.0
		Hi PR	228	246	260	271	256	276	291	304	292	314	331	346	332	357	377	394	374	402	425	443	413	444	469	489
		Lo PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	140	153	163	137	145	159	169

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 5-7 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			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	1350	MBh	35.3	36.6	40.1	-	34.5	35.7	39.1	-	33.6	34.9	38.2	-	32.8	34.0	37.3	-	31.2	32.3	35.4	-	28.9	29.9	32.8	-
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	2.25	2.29	2.37	-	2.42	2.47	2.55	-	2.57	2.62	2.71	-	2.70	2.76	2.85	-	2.82	2.88	2.97	-	2.91	2.98	3.08	-
		Amps	9.4	9.6	9.8	-	10.0	10.2	10.5	-	10.8	11.0	11.3	-	11.4	11.7	12.0	-	12.1	12.4	12.7	-	12.7	13.0	13.4	-
		Hi PR	230	247	261	-	258	277	293	-	293	315	333	-	334	359	379	-	375	404	427	-	415	446	471	-
		Lo PR	112	119	130	-	118	125	137	-	123	130	142	-	129	137	150	-	135	144	157	-	140	148	162	-
	1200	MBh	34.2	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.8	37.1	-	31.9	33.0	36.2	-	30.3	31.4	34.4	-	28.0	29.1	31.8	-
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.23	2.28	2.35	-	2.40	2.45	2.53	-	2.55	2.60	2.69	-	2.68	2.74	2.83	-	2.79	2.85	2.95	-	2.89	2.95	3.05	-
		Amps	9.3	9.5	9.7	-	9.9	10.1	10.4	-	10.7	10.9	11.2	-	11.3	11.6	11.9	-	12.0	12.3	12.6	-	12.6	12.9	13.3	-
		Hi PR	227	245	258	-	255	275	290	-	290	312	330	-	330	356	376	-	372	400	422	-	411	442	467	-
		Lo PR	111	118	128	-	117	124	136	-	121	129	141	-	127	136	148	-	134	142	155	-	138	147	160	-
	1060	MBh	32.5	33.7	36.9	-	31.8	32.9	36.1	-	31.0	32.2	35.2	-	30.3	31.4	34.4	-	28.8	29.8	32.7	-	26.6	27.6	30.2	-
		S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		kW	2.19	2.24	2.31	-	2.36	2.41	2.49	-	2.51	2.56	2.64	-	2.64	2.69	2.78	-	2.75	2.81	2.90	-	2.84	2.90	3.00	-
		Amps	9.1	9.3	9.6	-	9.8	10.0	10.3	-	10.5	10.7	11.1	-	11.2	11.4	11.7	-	11.8	12.1	12.4	-	12.4	12.7	13.1	-
		Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	364	392	414	-	403	433	457	-
		Lo PR	108	115	126	-	114	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	135	144	157	-
75	1350	MBh	35.9	36.9	40.0	42.9	35.0	36.1	39.1	41.9	34.2	35.2	38.1	40.9	33.4	**34.4**	37.2	39.9	31.7	32.6	35.3	37.9	29.4	30.2	32.7	35.1
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.94	**0.84**	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		kW	2.26	2.31	2.38	2.46	2.44	2.49	2.57	2.65	2.59	2.65	2.73	2.82	2.72	**2.78**	2.88	2.97	2.84	2.90	3.00	3.10	2.94	3.00	3.10	3.21
		Amps	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.9	11.1	11.4	11.8	11.5	**11.8**	12.1	12.5	12.2	12.5	12.8	13.3	12.8	13.1	13.5	14.0
		Hi PR	232	250	264	275	260	280	296	309	296	319	336	351	337	**363**	383	400	379	408	431	450	419	451	476	497
		Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	**138**	151	161	136	145	158	169	141	150	164	174
	1200	MBh	34.8	35.9	38.8	41.7	34.0	35.0	37.9	40.7	33.2	34.2	37.0	39.7	32.4	**33.4**	36.1	38.8	30.8	31.7	34.3	36.8	28.5	29.4	31.8	34.1
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	**0.80**	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.41
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	**20**	17	12	22	20	16	11	20	19	15	11
		kW	2.25	2.29	2.37	2.44	2.42	2.47	2.55	2.63	2.57	2.62	2.71	2.80	2.70	**2.76**	2.85	2.95	2.82	2.88	2.97	3.07	2.91	2.98	3.08	3.18
		Amps	9.4	9.6	9.8	10.1	10.0	10.2	10.5	10.9	10.8	11.0	11.3	11.7	11.4	**11.7**	12.0	12.4	12.1	12.4	12.7	13.2	12.7	13.0	13.4	13.9
		Hi PR	230	247	261	272	258	277	293	305	293	315	333	347	334	**359**	379	396	376	404	427	445	415	447	472	492
		Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	**137**	150	159	135	144	157	167	140	148	162	173
	1060	MBh	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.7	31.5	32.5	35.2	37.7	30.8	**31.7**	34.3	36.8	29.2	30.1	32.6	35.0	27.1	27.9	30.2	32.4
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	**0.76**	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.61	0.39
		ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	22	21	17	12	21	19	16	11
		kW	2.21	2.26	2.33	2.40	2.38	2.43	2.51	2.59	2.53	2.58	2.67	2.75	2.66	**2.72**	2.80	2.90	2.77	2.83	2.92	3.02	2.87	2.93	3.03	3.13
		Amps	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.2	**11.5**	11.8	12.2	11.9	12.2	12.5	12.9	12.5	12.8	13.2	13.7
		Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	**352**	372	388	368	396	418	436	407	438	462	482
		Lo PR	109	116	127	135	116	123	134	143	120	128	140	149	126	**134**	147	156	132	141	154	164	137	146	159	169

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 9-12 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 7-11°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	36.5	37.3	39.9	42.6	35.7	36.4	38.9	41.6	34.8	35.6	38.0	40.6	34.0	34.7	37.1	39.6	32.3	33.0	35.2	37.7	29.9	30.5	32.6	34.9
		S/T	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	23	22	19	15	24	23	20	16	24	23	20	16	23	23	20	16	22	22	19	16	20	21	18	15
		kW	2.28	2.33	2.40	2.48	2.46	2.51	2.59	2.67	2.61	2.67	2.75	2.85	2.75	2.81	2.90	3.00	2.86	2.93	3.02	3.13	2.96	3.03	3.13	3.24
		Amps	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.1	11.0	11.2	11.5	11.9	11.6	11.9	12.2	12.7	12.3	12.6	13.0	13.4	13.0	13.2	13.7	14.1
		Hi PR	234	252	266	278	263	283	299	312	299	322	340	354	341	367	387	404	383	412	435	454	423	456	481	502
		Lo PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	162	138	146	160	170	142	151	165	176
	1200	MBh	35.4	36.2	38.7	41.4	34.6	35.4	37.8	40.4	33.8	34.5	36.9	39.4	33.0	33.7	**36.0**	38.5	31.3	32.0	34.2	36.6	29.0	29.7	31.7	33.9
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	**0.75**	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		ΔT	24	23	20	16	25	23	20	16	25	24	20	16	25	24	**21**	16	24	23	20	16	22	22	19	15
		kW	2.26	2.31	2.38	2.46	2.44	2.49	2.57	2.65	2.59	2.65	2.73	2.82	2.73	2.78	**2.88**	2.97	2.84	2.90	3.00	3.10	2.94	3.00	3.10	3.21
		Amps	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.9	11.1	11.4	11.8	11.5	11.8	**12.1**	12.5	12.2	12.5	12.8	13.3	12.8	13.1	13.5	14.0
		Hi PR	232	250	264	275	260	280	296	309	296	319	336	351	337	363	**383**	400	379	408	431	450	419	451	476	497
		Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	**151**	161	136	145	158	169	141	150	164	174
	1060	MBh	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.1	37.5	31.3	32.0	34.2	36.6	29.8	30.4	32.5	34.7	27.6	28.2	30.1	32.2
		S/T	0.85	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	20	16
		kW	2.23	2.28	2.35	2.42	2.40	2.45	2.53	2.61	2.55	2.60	2.69	2.78	2.68	2.74	2.83	2.92	2.79	2.85	2.95	3.05	2.89	2.95	3.05	3.15
		Amps	9.3	9.5	9.7	10.1	9.9	10.1	10.4	10.8	10.7	10.9	11.2	11.6	11.3	11.6	11.9	12.3	12.0	12.3	12.6	13.1	12.6	12.9	13.3	13.8
		Hi PR	227	245	258	269	255	275	290	302	290	312	330	344	330	356	376	392	372	400	422	441	411	442	467	487
		Lo PR	111	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171
85	1350	MBh	37.2	37.9	39.7	42.3	36.3	37.0	38.7	41.3	35.4	36.1	37.8	40.3	34.6	35.2	36.9	39.4	32.8	33.5	35.0	37.4	30.4	31.0	32.5	34.6
		S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
		ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	24	24	20	22	23	23	20	21	21	22	19
		kW	2.30	2.35	2.42	2.50	2.48	2.53	2.61	2.70	2.63	2.69	2.78	2.87	2.77	2.83	2.92	3.02	2.89	2.95	3.05	3.15	2.99	3.05	3.16	3.26
		Amps	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.1	11.0	11.3	11.6	12.0	11.7	12.0	12.3	12.8	12.4	12.7	13.1	13.5	13.1	13.4	13.8	14.3
		Hi PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	416	440	459	428	460	486	507
		Lo PR	115	122	134	142	122	129	141	150	126	134	147	156	133	141	154	164	139	148	161	172	144	153	167	178
	1200	MBh	36.1	36.8	38.5	41.1	35.2	35.9	37.6	40.1	34.4	35.1	36.7	39.2	33.6	34.2	35.8	38.2	31.9	32.5	34.0	36.3	29.5	30.1	31.5	33.6
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20
		kW	2.28	2.33	2.40	2.48	2.46	2.51	2.59	2.67	2.61	2.67	2.75	2.85	2.75	2.81	2.90	3.00	2.86	2.93	3.02	3.13	2.96	3.03	3.13	3.24
		Amps	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.1	11.0	11.2	11.5	11.9	11.6	11.9	12.2	12.7	12.3	12.6	13.0	13.4	13.0	13.2	13.7	14.1
		Hi PR	234	252	266	278	263	283	299	312	299	322	340	354	341	367	387	404	383	412	435	454	423	456	481	502
		Lo PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	162	138	146	160	170	142	151	165	176
	1060	MBh	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.7	33.3	34.9	37.2	31.9	32.5	34.0	36.3	30.3	30.9	32.3	34.5	28.0	28.6	29.9	31.9
		S/T	0.90	0.86	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.90	0.73
		ΔT	27	26	25	21	27	26	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	25	23	20
		kW	2.25	2.29	2.37	2.44	2.42	2.47	2.55	2.63	2.57	2.62	2.71	2.80	2.70	2.76	2.85	2.95	2.82	2.88	2.97	3.07	2.91	2.98	3.08	3.18
		Amps	9.4	9.6	9.8	10.1	10.0	10.2	10.5	10.9	10.8	11.0	11.3	11.7	11.4	11.7	12.0	12.4	12.1	12.4	12.7	13.2	12.7	13.0	13.4	13.9
		Hi PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	375	404	427	445	415	446	471	492
		Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	148	162	173

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 9-12 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 7-11°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			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	1460	MBh	39.7	41.1	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	2.58	2.63	2.72	-	2.78	2.84	2.93	-	2.95	3.02	3.11	-	3.11	3.17	3.28	-	3.24	3.31	3.42	-	3.35	3.43	3.54	-
		Amps	11.0	11.2	11.6	-	11.8	12.1	12.4	-	12.7	13.0	13.4	-	13.5	13.8	14.2	-	14.3	14.6	15.1	-	15.1	15.4	15.9	-
		Hi PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	415	438	-	426	459	484	-
		Lo PR	111	118	129	-	118	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	162	-
	1300	MBh	38.5	39.9	43.8	-	37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		ΔT	19	17	13	-	19	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		kW	2.56	2.61	2.69	-	2.75	2.81	2.90	-	2.93	2.99	3.09	-	3.08	3.15	3.25	-	3.21	3.28	3.39	-	3.32	3.40	3.51	-
		Amps	10.9	11.2	11.5	-	11.7	12.0	12.3	-	12.6	12.9	13.3	-	13.4	13.7	14.1	-	14.2	14.5	14.9	-	14.9	15.3	15.8	-
		Hi PR	234	251	265	-	262	282	298	-	298	321	339	-	339	365	386	-	382	411	434	-	422	454	479	-
		Lo PR	110	117	128	-	116	124	135	-	121	129	140	-	127	135	148	-	133	142	155	-	138	146	160	-
	1150	MBh	36.6	37.9	41.6	-	35.8	37.1	40.6	-	34.9	36.2	39.6	-	34.1	35.3	38.7	-	32.3	33.5	36.7	-	30.0	31.1	34.0	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		kW	2.52	2.57	2.65	-	2.71	2.77	2.86	-	2.88	2.94	3.04	-	3.03	3.10	3.20	-	3.16	3.23	3.33	-	3.27	3.34	3.45	-
		Amps	10.8	11.0	11.3	-	11.5	11.8	12.1	-	12.4	12.7	13.1	-	13.2	13.5	13.9	-	13.9	14.2	14.7	-	14.7	15.0	15.5	-
		Hi PR	229	246	260	-	257	276	292	-	292	314	332	-	333	358	378	-	374	403	425	-	413	445	470	-
		Lo PR	108	115	125	-	114	121	132	-	119	126	138	-	124	132	145	-	130	139	152	-	135	144	157	-

75	1460	MBh	40.4	41.6	45.0	48.3	39.4	40.6	43.9	47.2	38.5	39.6	42.9	46.0	37.5	**38.7**	41.8	44.9	35.7	36.7	39.7	42.7	33.0	34.0	36.8	39.5
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.92	**0.83**	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	**20**	16	11	22	20	16	11	20	19	15	10
		kW	2.60	2.65	2.74	2.83	2.80	2.86	2.95	3.05	2.98	3.04	3.14	3.24	3.13	**3.20**	3.31	3.42	3.26	3.34	3.45	3.56	3.38	3.45	3.57	3.69
		Amps	11.1	11.3	11.7	12.1	11.9	12.2	12.5	12.9	12.8	13.1	13.5	14.0	13.6	**13.9**	14.3	14.8	14.4	14.7	15.2	15.7	15.2	15.5	16.0	16.6
		Hi PR	238	256	271	282	267	288	304	317	304	327	346	360	346	**373**	394	410	390	419	443	462	430	463	489	510
		Lo PR	112	120	131	139	119	126	138	147	123	131	143	153	130	**138**	151	160	136	145	158	168	140	149	163	174
	1300	MBh	39.2	40.3	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	36.5	**37.5**	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.79**	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	22	20	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	22	21	17	12	21	19	16	11
		kW	2.58	2.63	2.72	2.80	2.78	2.84	2.93	3.02	2.95	3.02	3.11	3.22	3.11	**3.18**	3.28	3.39	3.24	3.31	3.42	3.53	3.35	3.43	3.54	3.66
		Amps	11.0	11.2	11.6	12.0	11.8	12.1	12.4	12.8	12.7	13.0	13.4	13.8	13.5	**13.8**	14.2	14.7	14.3	14.6	15.1	15.6	15.1	15.4	15.9	16.5
		Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	**369**	390	406	386	415	438	457	426	459	484	505
		Lo PR	111	118	129	138	118	125	137	145	122	130	142	151	128	**137**	149	159	134	143	156	166	139	148	162	172
	1150	MBh	37.2	38.3	41.5	44.5	36.4	37.4	40.5	43.5	35.5	36.5	39.6	42.5	34.6	**35.7**	38.6	41.4	32.9	33.9	36.7	39.3	30.5	31.4	34.0	36.4
		S/T	0.77	0.69	0.52	0.33	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	**0.75**	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	**22**	18	12	23	21	17	12	22	20	16	11
		kW	2.54	2.59	2.67	2.76	2.73	2.79	2.88	2.97	2.90	2.97	3.06	3.16	3.06	**3.12**	3.22	3.33	3.18	3.25	3.36	3.47	3.29	3.37	3.48	3.60
		Amps	10.8	11.1	11.4	11.8	11.6	11.9	12.2	12.6	12.5	12.8	13.2	13.6	13.3	**13.6**	14.0	14.5	14.1	14.4	14.8	15.3	14.8	15.1	15.6	16.2
		Hi PR	231	249	263	274	259	279	295	307	295	317	335	350	336	**362**	382	398	378	407	430	448	418	449	475	495
		Lo PR	109	116	127	135	115	123	134	142	120	127	139	148	126	**134**	146	156	132	140	153	163	136	145	158	169

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 8-12 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8-12°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1460	MBh	41.1	42.0	44.8	47.9	40.1	41.0	43.8	46.8	39.2	40.0	42.8	45.7	38.2	39.0	41.7	44.6	36.3	37.1	39.6	42.4	33.6	34.4	36.7	39.2
		S/T	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60
		ΔT	24	23	20	16	24	23	20	16	25	23	20	16	24	23	20	16	23	23	20	16	21	22	19	15
		kW	2.62	2.68	2.76	2.85	2.82	2.88	2.98	3.07	3.00	3.07	3.17	3.27	3.16	3.23	3.33	3.45	3.29	3.37	3.48	3.60	3.41	3.48	3.60	3.72
		Amps	11.2	11.4	11.8	12.2	12.0	12.3	12.6	13.0	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.9	15.3	15.9	15.3	15.7	16.2	16.7
		Hi PR	241	259	273	285	270	291	307	320	307	330	349	364	350	376	397	415	394	423	447	466	435	468	494	515
		Lo PR	114	121	132	140	120	128	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142	151	165	176
	1300	MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	**40.5**	43.3	35.2	36.0	38.5	41.1	32.6	33.4	35.6	38.1
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	**0.74**	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	**21**	17	25	24	21	17	23	22	19	16
		kW	2.60	2.66	2.74	2.83	2.80	2.86	2.95	3.05	2.98	3.04	3.14	3.24	3.13	3.20	**3.31**	3.42	3.26	3.34	3.45	3.56	3.38	3.45	3.57	3.69
		Amps	11.1	11.3	11.7	12.1	11.9	12.2	12.5	12.9	12.8	13.1	13.5	14.0	13.6	13.9	**14.3**	14.8	14.4	14.7	15.2	15.7	15.2	15.5	16.0	16.6
		Hi PR	238	256	271	282	267	288	304	317	304	327	346	360	346	373	**394**	410	390	419	443	462	430	463	489	510
		Lo PR	112	120	131	139	119	126	138	147	123	131	143	153	130	138	**151**	160	136	145	158	168	141	149	163	174
	1150	MBh	37.9	38.7	41.4	44.2	37.0	37.8	40.4	43.2	36.1	36.9	39.4	42.2	35.2	36.0	38.5	41.1	33.5	34.2	36.6	39.1	31.0	31.7	33.9	36.2
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
		ΔT	26	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		kW	2.56	2.61	2.69	2.78	2.75	2.81	2.90	3.00	2.93	2.99	3.09	3.19	3.08	3.15	3.25	3.36	3.21	3.28	3.39	3.50	3.32	3.40	3.51	3.63
		Amps	10.9	11.2	11.5	11.9	11.7	12.0	12.3	12.7	12.6	12.9	13.3	13.7	13.4	13.7	14.1	14.6	14.2	14.5	14.9	15.5	14.9	15.3	15.8	16.3
		Hi PR	234	251	265	277	262	282	298	311	298	321	339	353	339	365	386	402	382	411	434	453	422	454	479	500
		Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	146	160	170
85	1460	MBh	41.8	42.6	44.6	47.6	40.8	41.6	43.6	46.5	39.9	40.6	42.5	45.4	38.9	39.6	41.5	44.3	36.9	37.6	39.4	42.1	34.2	34.9	36.5	39.0
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	25	25	24	21	26	25	24	21	25	25	24	21	24	25	24	21	23	24	24	21	22	22	22	19
		kW	2.64	2.70	2.78	2.87	2.85	2.91	3.00	3.10	3.03	3.09	3.19	3.30	3.18	3.26	3.36	3.48	3.32	3.39	3.51	3.63	3.44	3.51	3.63	3.76
		Amps	11.3	11.5	11.9	12.3	12.1	12.4	12.7	13.2	13.0	13.3	13.7	14.2	13.8	14.2	14.6	15.1	14.7	15.0	15.5	16.0	15.5	15.8	16.3	16.9
		Hi PR	243	262	276	288	273	294	310	323	310	334	352	368	353	380	401	419	397	428	452	471	439	473	499	520
		Lo PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	147	161	171	143	152	166	177
	1300	MBh	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5	40.3	43.0	35.9	36.6	38.3	40.8	33.2	33.9	35.5	37.8
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		ΔT	26	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	25	26	25	21	23	24	23	20
		kW	2.62	2.68	2.76	2.85	2.82	2.88	2.98	3.07	3.00	3.07	3.17	3.27	3.16	3.23	3.33	3.45	3.29	3.37	3.48	3.60	3.41	3.48	3.60	3.72
		Amps	11.2	11.4	11.8	12.2	12.0	12.3	12.6	13.0	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.9	15.3	15.9	15.3	15.7	16.2	16.7
		Hi PR	241	259	273	285	270	291	307	320	307	330	349	364	350	376	397	415	394	423	447	466	435	468	494	515
		Lo PR	114	121	132	140	120	128	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142	151	165	176
	1150	MBh	38.5	39.3	41.2	43.9	37.7	38.4	40.2	42.9	36.8	37.5	39.2	41.9	35.9	36.6	38.3	40.8	34.1	34.7	36.4	38.8	31.6	32.2	33.7	35.9
		S/T	0.88	0.85	0.77	0.62	0.92	0.88	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.84	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.72
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21
		kW	2.58	2.63	2.72	2.80	2.78	2.84	2.93	3.02	2.95	3.02	3.11	3.22	3.11	3.17	3.28	3.39	3.24	3.31	3.42	3.53	3.35	3.43	3.54	3.66
		Amps	11.0	11.2	11.6	12.0	11.8	12.1	12.4	12.8	12.7	13.0	13.4	13.8	13.5	13.8	14.2	14.7	14.3	14.6	15.1	15.6	15.1	15.4	15.9	16.4
		Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457	426	459	484	505
		Lo PR	111	118	129	138	118	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	162	172

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 8-12 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8-12°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			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	1485	MBh	43.2	44.7	49.0	-	42.2	43.7	47.9	-	41.2	42.7	46.7	-	40.2	41.6	45.6	-	38.2	39.5	43.3	-	35.3	36.6	40.1	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		1448	2.72	2.78	2.87	-	2.94	3.00	3.10	-	3.12	3.19	3.30	-	3.29	3.36	3.48	-	3.43	3.51	3.63	-	3.55	3.64	3.76	-
		AMPS	11.5	11.8	12.1	-	12.4	12.6	13.0	-	13.3	13.6	14.0	-	14.2	14.5	14.9	-	15.0	15.3	15.8	-	15.8	16.2	16.7	-
		HI PR	237	255	269	-	266	286	302	-	302	325	343	-	344	370	391	-	387	417	440	-	428	460	486	-
		LO PR	109	116	127	-	115	123	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
	1323	MBh	41.9	43.4	47.6	-	40.9	42.4	46.5	-	40.0	41.4	45.4	-	39.0	40.4	44.3	-	37.0	38.4	42.1	-	34.3	35.6	39.0	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		1290	2.70	2.76	2.85	-	2.91	2.98	3.07	-	3.10	3.17	3.27	-	3.26	3.34	3.45	-	3.40	3.48	3.60	-	3.52	3.60	3.73	-
		AMPS	11.4	11.7	12.0	-	12.3	12.5	12.9	-	13.2	13.5	13.9	-	14.0	14.4	14.8	-	14.9	15.2	15.7	-	15.7	16.1	16.6	-
		HI PR	234	252	266	-	263	283	299	-	299	322	340	-	341	367	387	-	383	413	436	-	424	456	481	-
		LO PR	108	115	125	-	114	121	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-
	1171	MBh	39.8	41.3	45.2	-	38.9	40.3	44.2	-	38.0	39.4	43.1	-	37.0	38.4	42.1	-	35.2	36.5	40.0	-	32.6	33.8	37.0	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		Delta T	21	18	14	-	21	19	14	-	21	19	14	-	22	19	14	-	21	18	14	-	20	17	13	-
		1142	2.66	2.71	2.80	-	2.86	2.93	3.02	-	3.05	3.11	3.22	-	3.21	3.28	3.39	-	3.35	3.42	3.54	-	3.46	3.54	3.66	-
		AMPS	11.2	11.5	11.8	-	12.0	12.3	12.7	-	13.0	13.3	13.7	-	13.8	14.1	14.5	-	14.6	15.0	15.4	-	15.4	15.8	16.3	-
		HI PR	230	247	261	-	258	277	293	-	293	316	333	-	334	359	380	-	376	404	427	-	415	447	472	-
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-

75	1485	MBh	43.9	45.2	48.9	52.5	42.9	44.2	47.8	51.3	41.9	43.1	46.7	50.1	40.8	**42.0**	45.5	48.8	38.8	39.9	43.2	46.4	35.9	37.0	40.1	43.0
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	**0.83**	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42
		ΔT	23	21	17	12	23	21	17	12	23	21	18	12	23	**22**	18	12	23	21	17	12	22	20	16	11
		kW	2.74	2.80	2.89	2.99	2.96	3.03	3.12	3.23	3.15	3.22	3.33	3.44	3.32	**3.39**	3.51	3.63	3.46	3.54	3.66	3.79	3.59	3.67	3.79	3.92
		Amps	11.6	11.9	12.2	12.6	12.5	12.7	13.1	13.6	13.4	13.7	14.2	14.6	14.3	**14.6**	15.1	15.6	15.1	15.5	16.0	16.5	16.0	16.3	16.9	17.5
		Hi PR	239	257	272	284	268	289	305	318	305	329	347	362	348	**374**	395	412	391	421	445	464	432	465	491	512
		Lo PR	110	117	128	136	116	124	135	144	121	129	141	150	127	**135**	148	157	133	142	155	165	138	147	160	170
	1323	MBh	42.6	43.9	47.5	51.0	41.6	42.9	46.4	49.8	40.6	41.8	45.3	48.6	39.7	**40.8**	44.2	47.4	37.7	38.8	42.0	45.1	34.9	35.9	38.9	41.7
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.79**	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	**22**	18	13	24	22	18	12	22	21	17	12
		kW	2.72	2.78	2.87	2.96	2.94	3.00	3.10	3.20	3.12	3.19	3.30	3.41	3.29	**3.37**	3.48	3.60	3.43	3.51	3.63	3.75	3.56	3.64	3.76	3.89
		Amps	11.5	11.8	12.1	12.5	12.4	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.2	**14.5**	14.9	15.5	15.0	15.3	15.8	16.4	15.8	16.2	16.7	17.3
		Hi PR	237	255	269	281	266	286	302	315	302	325	344	358	344	**371**	391	408	387	417	440	459	428	461	486	507
		Lo PR	109	116	127	135	115	123	134	143	120	128	139	148	126	**134**	146	156	132	140	153	163	136	145	159	169
	1171	MBh	40.5	41.7	45.1	48.4	39.6	40.7	44.1	47.3	38.6	39.8	43.0	46.2	37.7	**38.8**	42.0	45.1	35.8	36.8	39.9	42.8	33.1	34.1	36.9	39.6
		S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	**0.75**	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		ΔT	24	23	18	13	25	23	19	13	25	23	19	13	25	**23**	19	13	25	23	19	13	23	21	17	12
		kW	2.68	2.74	2.82	2.92	2.89	2.95	3.05	3.15	3.07	3.14	3.24	3.35	3.24	**3.31**	3.42	3.53	3.37	3.45	3.57	3.69	3.49	3.57	3.69	3.82
		Amps	11.3	11.6	11.9	12.3	12.2	12.4	12.8	13.2	13.1	13.4	13.8	14.3	13.9	**14.2**	14.7	15.2	14.7	15.1	15.6	16.1	15.6	15.9	16.4	17.0
		Hi PR	232	250	264	275	260	280	296	309	296	319	337	351	337	**363**	383	400	380	408	431	450	419	451	477	497
		Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	**131**	143	153	129	138	150	160	134	142	155	165

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 8-12 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8-12°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1485	MBh	44.7	45.7	48.8	52.1	43.6	44.6	47.6	50.9	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.5	39.5	40.4	43.1	46.1	36.6	37.4	39.9	42.7
		S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
		ΔT	26	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	24	25	21	17	23	23	20	16
		kW	2.77	2.83	2.92	3.01	2.98	3.05	3.15	3.26	3.18	3.25	3.36	3.47	3.35	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.96
		Amps	11.7	12.0	12.3	12.7	12.6	12.8	13.2	13.7	13.6	13.9	14.3	14.8	14.4	14.7	15.2	15.7	15.3	15.6	16.1	16.7	16.1	16.5	17.0	17.6
		Hi PR	242	260	275	286	271	292	308	321	308	332	350	366	351	378	399	416	395	425	449	468	437	470	496	517
		Lo PR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	166	139	148	162	172
	1323	MBh	43.4	44.3	47.4	50.6	42.4	43.3	46.3	49.5	41.4	42.3	45.2	48.3	40.4	41.2	**44.1**	47.1	38.3	39.2	41.9	44.7	35.5	36.3	38.8	41.4
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	**0.74**	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		ΔT	27	25	22	18	27	26	22	18	27	26	22	18	27	26	**23**	18	27	26	22	18	25	24	21	17
		kW	2.74	2.80	2.89	2.99	2.96	3.03	3.12	3.23	3.15	3.22	3.33	3.44	3.32	3.39	**3.51**	3.63	3.46	3.54	3.66	3.79	3.59	3.67	3.79	3.92
		Amps	11.6	11.9	12.2	12.6	12.5	12.7	13.1	13.6	13.4	13.7	14.2	14.6	14.3	14.6	**15.1**	15.6	15.1	15.5	16.0	16.5	16.0	16.3	16.9	17.5
		Hi PR	239	257	272	284	268	289	305	318	305	329	347	362	348	374	**395**	412	391	421	445	464	432	465	491	512
		Lo PR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	**148**	157	133	142	155	165	138	147	160	171
	1171	MBh	41.2	42.1	45.0	48.1	40.3	41.1	43.9	47.0	39.3	40.2	42.9	45.9	38.3	39.2	41.9	44.7	36.4	37.2	39.8	42.5	33.7	34.5	36.8	39.4
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
		ΔT	27	26	23	18	28	26	23	18	28	27	23	18	28	27	23	19	27	26	23	18	26	25	21	17
		kW	2.70	2.76	2.85	2.94	2.91	2.98	3.07	3.18	3.10	3.17	3.27	3.38	3.26	3.34	3.45	3.57	3.40	3.48	3.60	3.72	3.52	3.60	3.73	3.86
		Amps	11.4	11.7	12.0	12.4	12.3	12.5	12.9	13.3	13.2	13.5	13.9	14.4	14.0	14.4	14.8	15.3	14.9	15.2	15.7	16.2	15.7	16.1	16.6	17.1
		Hi PR	234	252	266	278	263	283	299	312	299	322	340	355	341	367	387	404	383	413	436	454	424	456	481	502
		Lo PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
85	1485	MBh	45.5	46.3	48.5	51.8	44.4	45.3	47.4	50.6	43.4	44.2	46.3	49.4	42.3	43.1	45.2	48.2	40.2	41.0	42.9	45.8	37.2	37.9	39.7	42.4
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	27	27	25	22	27	27	26	22	27	27	26	22	26	27	26	22	25	25	26	22	23	23	24	21
		kW	2.79	2.85	2.94	3.04	3.01	3.08	3.18	3.28	3.20	3.28	3.38	3.50	3.38	3.45	3.57	3.69	3.52	3.60	3.72	3.85	3.65	3.73	3.86	3.99
		Amps	11.8	12.1	12.4	12.8	12.7	12.9	13.3	13.8	13.7	14.0	14.4	14.9	14.5	14.9	15.3	15.9	15.4	15.7	16.2	16.8	16.2	16.6	17.1	17.8
		Hi PR	244	263	277	289	274	295	311	325	311	335	354	369	355	382	403	420	399	429	454	473	441	475	501	523
		Lo PR	112	120	131	139	119	126	138	147	123	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174
	1323	MBh	44.1	45.0	47.1	50.3	43.1	43.9	46.0	49.1	42.1	42.9	44.9	47.9	41.1	41.9	43.8	46.8	39.0	39.8	41.6	44.4	36.1	36.8	38.6	41.2
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	27	28	26	23	25	26	25	21
		kW	2.77	2.83	2.92	3.01	2.98	3.05	3.15	3.26	3.18	3.25	3.36	3.47	3.35	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.96
		Amps	11.7	12.0	12.3	12.7	12.6	12.8	13.2	13.7	13.6	13.9	14.3	14.8	14.4	14.7	15.2	15.7	15.3	15.6	16.1	16.7	16.1	16.5	17.0	17.6
		Hi PR	242	260	275	286	271	292	308	321	308	332	350	366	351	378	399	416	395	425	449	468	437	470	496	517
		Lo PR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	166	139	148	162	172
	1171	MBh	41.9	42.7	44.8	47.8	41.0	41.8	43.7	46.7	40.0	40.8	42.7	45.5	39.0	39.8	41.6	44.4	37.1	37.8	39.6	42.2	34.3	35.0	36.6	39.1
		S/T	0.88	0.85	0.77	0.63	0.92	0.88	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.72
		ΔT	29	29	27	23	29	29	27	24	30	29	27	24	30	29	28	24	29	29	27	24	27	27	25	22
		kW	2.72	2.78	2.87	2.96	2.94	3.00	3.10	3.20	3.12	3.19	3.30	3.41	3.29	3.36	3.48	3.60	3.43	3.51	3.63	3.75	3.55	3.64	3.76	3.89
		Amps	11.5	11.8	12.1	12.5	12.4	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.2	14.5	14.9	15.5	15.0	15.3	15.8	16.4	15.8	16.2	16.7	17.3
		Hi PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	417	440	459	428	460	486	507
		Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 8-12 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8-12°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			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	1800	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	3.03	3.09	3.19	-	3.27	3.34	3.45	-	3.48	3.56	3.67	-	3.66	3.75	3.87	-	3.82	3.91	4.04	-	3.96	4.05	4.19	-
		Amps	13.3	13.6	14.0	-	14.3	14.6	15.0	-	15.4	15.7	16.2	-	16.3	16.7	17.2	-	17.3	17.7	18.2	-	18.2	18.6	19.2	-
		Hi PR	241	260	274	-	271	291	308	-	308	331	350	-	351	377	398	-	394	424	448	-	436	469	495	-
		Lo PR	109	116	127	-	116	123	134	-	120	128	140	-	126	134	147	-	132	141	154	-	137	146	159	-
	1600	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.47	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	3.00	3.07	3.17	-	3.24	3.31	3.42	-	3.45	3.53	3.64	-	3.63	3.72	3.84	-	3.79	3.88	4.01	-	3.93	4.02	4.15	-
		Amps	13.2	13.5	13.9	-	14.2	14.5	14.9	-	15.2	15.6	16.0	-	16.2	16.6	17.1	-	17.1	17.5	18.1	-	18.1	18.5	19.0	-
		Hi PR	239	257	271	-	268	288	305	-	305	328	346	-	347	374	394	-	391	420	444	-	431	464	490	-
		Lo PR	108	115	126	-	114	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	135	144	157	-
	1400	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.79	0.66	0.46	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	2.93	2.99	3.09	-	3.16	3.23	3.34	-	3.36	3.44	3.55	-	3.54	3.62	3.74	-	3.69	3.78	3.90	-	3.82	3.91	4.04	-
		Amps	12.9	13.2	13.6	-	13.8	14.1	14.5	-	14.9	15.2	15.6	-	15.8	16.1	16.6	-	16.7	17.1	17.6	-	17.6	18.0	18.6	-
		Hi PR	232	249	263	-	260	280	295	-	296	318	336	-	337	362	383	-	379	408	430	-	419	450	476	-
		Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	153	-
75	1800	MBh	45.8	47.2	51.1	54.8	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	42.6	**43.9**	47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.93	**0.84**	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	**19**	15	11	20	18	15	10	19	17	14	10
		kW	3.05	3.12	3.22	3.33	3.30	3.37	3.48	3.60	3.51	3.59	3.71	3.83	3.70	**3.78**	3.91	4.04	3.86	3.94	4.08	4.22	3.99	4.09	4.22	4.37
		Amps	13.4	13.7	14.1	14.6	14.4	14.7	15.1	15.6	15.5	15.8	16.3	16.9	16.5	**16.8**	17.3	17.9	17.4	17.8	18.4	19.0	18.4	18.8	19.4	20.1
		Hi PR	244	262	277	289	273	294	311	324	311	335	353	369	354	**381**	402	420	398	429	453	472	440	474	500	522
		Lo PR	111	118	128	137	117	124	136	144	121	129	141	150	127	**136**	148	158	134	142	155	165	138	147	160	171
	1600	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	**42.6**	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	**0.80**	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		kW	3.03	3.10	3.20	3.30	3.27	3.34	3.45	3.57	3.48	3.56	3.68	3.80	3.67	**3.75**	3.87	4.01	3.82	3.91	4.04	4.18	3.96	4.05	4.19	4.33
		Amps	13.3	13.6	14.0	14.5	14.3	14.6	15.0	15.5	15.4	15.7	16.2	16.7	16.3	**16.7**	17.2	17.8	17.3	17.7	18.2	18.8	18.2	18.6	19.2	19.9
		Hi PR	241	260	274	286	271	291	308	321	308	331	350	365	351	**377**	398	416	394	425	448	468	436	469	495	517
		Lo PR	109	116	127	135	116	123	134	143	120	128	140	149	126	**134**	147	156	132	141	154	164	137	146	159	169
	1400	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	**39.3**	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	**0.77**	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	2.96	3.02	3.12	3.22	3.19	3.26	3.36	3.48	3.39	3.47	3.58	3.70	3.57	**3.65**	3.77	3.90	3.73	3.81	3.94	4.07	3.86	3.95	4.08	4.22
		Amps	13.0	13.3	13.7	14.1	13.9	14.2	14.6	15.1	15.0	15.3	15.8	16.3	15.9	**16.3**	16.8	17.3	16.8	17.2	17.7	18.4	17.8	18.2	18.7	19.4
		Hi PR	234	252	266	277	263	283	298	311	299	321	339	354	340	**366**	387	403	383	412	435	454	423	455	480	501
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	**130**	142	151	128	136	149	159	133	141	154	164

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 10-13 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 10-14°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1800	MBh	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6
		S/T	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
		kW	3.08	3.15	3.25	3.36	3.32	3.40	3.51	3.63	3.54	3.62	3.74	3.86	3.73	3.81	3.94	4.08	3.89	3.98	4.11	4.25	4.03	4.12	4.26	4.41
		Amps	13.5	13.8	14.2	14.7	14.5	14.8	15.3	15.8	15.6	16.0	16.5	17.0	16.6	17.0	17.5	18.1	17.6	18.0	18.5	19.2	18.5	19.0	19.5	20.2
		Hi PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	407	424	402	433	457	477	445	479	505	527
		Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	148	162	173
	1600	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	**46.0**	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	**0.75**	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		ΔT	23	22	19	15	23	22	20	16	23	23	20	16	24	23	**20**	16	23	22	19	16	21	21	18	15
		kW	3.05	3.12	3.22	3.33	3.30	3.37	3.48	3.60	3.51	3.59	3.71	3.83	3.70	3.78	**3.91**	4.04	3.86	3.94	4.08	4.22	3.99	4.09	4.22	4.37
		Amps	13.4	13.7	14.1	14.6	14.4	14.7	15.1	15.6	15.5	15.8	16.3	16.9	16.5	16.8	**17.3**	17.9	17.4	17.8	18.4	19.0	18.4	18.8	19.4	20.1
		Hi PR	244	262	277	289	273	294	311	324	311	335	353	369	354	381	**403**	420	398	429	453	472	440	474	500	522
		Lo PR	111	118	128	137	117	124	136	144	121	129	141	150	127	136	**148**	158	134	142	155	165	138	147	160	171
	1400	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9
		S/T	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.92	0.75	0.56
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		kW	2.98	3.04	3.14	3.25	3.21	3.28	3.39	3.50	3.42	3.50	3.61	3.73	3.60	3.68	3.81	3.94	3.76	3.84	3.97	4.11	3.89	3.98	4.11	4.26
		Amps	13.1	13.4	13.8	14.2	14.0	14.3	14.8	15.3	15.1	15.5	15.9	16.5	16.1	16.4	16.9	17.5	17.0	17.4	17.9	18.5	17.9	18.3	18.9	19.5
		Hi PR	236	254	269	280	265	285	301	314	302	325	343	358	344	370	390	407	387	416	439	458	427	460	485	506
		Lo PR	107	114	125	133	113	120	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166
85	1800	MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	19	21	22	22	19	20	20	21	18
		kW	3.10	3.17	3.28	3.38	3.35	3.42	3.54	3.66	3.57	3.65	3.77	3.90	3.76	3.84	3.97	4.11	3.92	4.01	4.15	4.29	4.06	4.16	4.30	4.45
		Amps	13.6	13.9	14.3	14.8	14.6	14.9	15.4	15.9	15.8	16.1	16.6	17.2	16.7	17.1	17.6	18.3	17.7	18.1	18.7	19.3	18.7	19.1	19.7	20.4
		Hi PR	249	268	282	295	279	300	317	331	317	341	360	376	361	389	411	428	406	437	462	482	449	483	510	532
		Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174
	1600	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	23	24	23	20	22	22	22	19
		kW	3.08	3.15	3.25	3.36	3.32	3.40	3.51	3.63	3.54	3.62	3.74	3.86	3.73	3.81	3.94	4.08	3.89	3.98	4.11	4.25	4.03	4.12	4.26	4.41
		Amps	13.5	13.8	14.2	14.7	14.5	14.8	15.3	15.8	15.6	16.0	16.5	17.0	16.6	17.0	17.5	18.1	17.6	18.0	18.5	19.2	18.5	19.0	19.5	20.2
		Hi PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	407	424	402	433	457	477	445	479	505	527
		Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	148	162	173
	1400	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
		S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73
		ΔT	25	25	23	20	25	25	24	20	25	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19
		kW	3.00	3.07	3.17	3.27	3.24	3.31	3.42	3.53	3.45	3.53	3.64	3.77	3.63	3.71	3.84	3.97	3.79	3.88	4.01	4.14	3.92	4.01	4.15	4.29
		Amps	13.2	13.5	13.9	14.3	14.2	14.5	14.9	15.4	15.2	15.6	16.0	16.6	16.2	16.5	17.0	17.6	17.1	17.5	18.1	18.7	18.1	18.5	19.0	19.7
		Hi PR	239	257	271	283	268	288	304	318	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 10-13 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 10-14°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			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	1908	MBh	58.8	60.9	66.7	-	57.4	59.5	65.2	-	56.0	58.1	63.6	-	54.7	56.6	62.1	-	51.9	53.8	59.0	-	48.1	49.8	54.6	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		kW	3.87	3.95	4.08	-	4.17	4.27	4.41	-	4.44	4.54	4.70	-	4.68	4.79	4.95	-	4.89	5.00	5.17	-	5.06	5.18	5.35	-
		Amps	16.9	17.3	17.8	-	18.2	18.6	19.2	-	19.7	20.1	20.7	-	20.9	21.4	22.1	-	22.2	22.7	23.4	-	23.4	24.0	24.7	-
		Hi PR	252	271	286	-	282	304	321	-	321	346	365	-	366	394	416	-	411	443	468	-	455	489	517	-
		Lo PR	106	112	123	-	111	119	129	-	116	123	135	-	122	129	141	-	128	136	148	-	132	140	153	-
	1700	MBh	57.0	59.1	64.8	-	55.7	57.7	63.3	-	54.4	56.4	61.8	-	53.1	55.0	60.3	-	50.4	52.2	57.2	-	46.7	48.4	53.0	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		kW	3.84	3.92	4.05	-	4.14	4.23	4.37	-	4.41	4.51	4.66	-	4.64	4.75	4.91	-	4.84	4.95	5.12	-	5.02	5.13	5.31	-
		Amps	16.8	17.2	17.7	-	18.0	18.4	19.0	-	19.5	19.9	20.6	-	20.7	21.2	21.9	-	22.0	22.5	23.2	-	23.2	23.8	24.5	-
		Hi PR	249	268	283	-	280	301	318	-	318	342	361	-	362	390	412	-	407	438	463	-	450	484	511	-
		Lo PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-
	1504	MBh	54.2	56.2	61.5	-	52.9	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.2	57.2	-	47.9	49.6	54.4	-	44.4	46.0	50.4	-
		S/T	0.64	0.54	0.37	-	0.67	0.56	0.39	-	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-
		ΔT	21	18	14	-	22	19	14	-	22	19	14	-	22	19	14	-	21	19	14	-	20	17	13	-
		kW	3.77	3.86	3.98	-	4.07	4.16	4.30	-	4.33	4.43	4.58	-	4.56	4.67	4.82	-	4.76	4.87	5.03	-	4.93	5.04	5.22	-
		Amps	16.5	16.9	17.4	-	17.7	18.1	18.7	-	19.2	19.6	20.2	-	20.4	20.9	21.5	-	21.6	22.1	22.8	-	22.8	23.3	24.1	-
		Hi PR	244	263	277	-	274	295	311	-	312	335	354	-	355	382	403	-	399	430	454	-	441	475	501	-
		Lo PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
75	1908	MBh	59.7	61.5	66.6	71.5	58.4	60.1	65.0	69.8	57.0	58.7	63.5	68.1	55.6	**57.2**	61.9	66.5	52.8	54.4	58.8	63.2	48.9	50.4	54.5	58.5
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.78**	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	**22**	18	12	23	21	17	12	22	20	16	11
		kW	3.90	3.98	4.11	4.25	4.21	4.30	4.44	4.59	4.48	4.58	4.74	4.90	4.72	**4.83**	4.99	5.17	4.93	5.04	5.21	5.39	5.11	5.22	5.40	5.59
		Amps	17.1	17.5	18.0	18.6	18.4	18.8	19.3	20.0	19.8	20.3	20.9	21.7	21.1	**21.6**	22.3	23.1	22.4	22.9	23.6	24.5	23.6	24.2	25.0	25.9
		Hi PR	254	274	289	301	285	307	324	338	324	349	369	384	369	**398**	420	438	416	447	472	493	459	494	522	544
		Lo PR	107	113	124	132	113	120	131	139	117	125	136	145	123	**131**	143	152	129	137	150	159	133	142	155	165
	1700	MBh	58.0	59.7	64.6	69.4	56.7	58.3	63.1	67.8	55.3	56.9	61.6	66.2	54.0	**55.6**	60.1	64.5	51.3	52.8	57.1	61.3	47.5	48.9	52.9	56.8
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	**0.75**	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	**22**	18	13	24	22	18	13	22	21	17	12
		kW	3.87	3.95	4.08	4.22	4.17	4.27	4.41	4.56	4.44	4.54	4.70	4.86	4.68	**4.79**	4.95	5.12	4.89	5.00	5.17	5.35	5.06	5.18	5.35	5.54
		Amps	16.9	17.3	17.8	18.4	18.2	18.6	19.2	19.8	19.7	20.1	20.7	21.5	20.9	**21.4**	22.1	22.9	22.2	22.7	23.4	24.3	23.4	24.0	24.7	25.6
		Hi PR	252	271	286	298	282	304	321	335	321	346	365	381	366	**394**	416	434	412	443	468	488	455	489	517	539
		Lo PR	106	112	123	131	111	119	129	138	116	123	135	143	122	**129**	141	151	128	136	148	158	132	140	153	163
	1504	MBh	55.1	56.7	61.4	65.9	53.8	55.4	60.0	64.4	52.5	54.1	58.6	62.8	51.3	**52.8**	57.1	61.3	48.7	50.1	54.3	58.2	45.1	46.4	50.3	54.0
		S/T	0.73	0.65	0.49	0.32	0.76	0.68	0.51	0.33	0.78	0.69	0.53	0.34	0.80	**0.72**	0.54	0.35	0.83	0.74	0.56	0.36	0.84	0.75	0.57	0.37
		ΔT	25	23	19	13	25	23	19	13	25	23	19	13	25	**23**	19	13	25	23	19	13	23	21	17	12
		kW	3.80	3.89	4.01	4.15	4.10	4.20	4.33	4.48	4.37	4.47	4.62	4.77	4.60	**4.71**	4.87	5.03	4.80	4.91	5.08	5.25	4.97	5.09	5.26	5.44
		Amps	16.7	17.0	17.5	18.1	17.9	18.3	18.9	19.5	19.3	19.8	20.4	21.1	20.6	**21.0**	21.7	22.5	21.8	22.3	23.0	23.8	23.0	23.6	24.3	25.2
		Hi PR	247	265	280	292	277	298	315	328	315	339	358	373	359	**386**	407	425	403	434	458	478	446	480	506	528
		Lo PR	103	110	120	128	109	116	127	135	114	121	132	140	119	**127**	139	148	125	133	145	155	129	138	150	160

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 5-7 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1908	MBh	60.8	62.1	66.4	71.0	59.4	60.7	64.8	69.3	58.0	59.2	63.3	67.7	56.6	57.8	61.8	66.0	53.7	54.9	58.7	62.7	49.8	50.9	54.3	58.1
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57
		ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16
		kW	3.93	4.02	4.15	4.29	4.24	4.34	4.48	4.63	4.52	4.62	4.78	4.94	4.76	4.87	5.04	5.21	4.97	5.08	5.26	5.44	5.15	5.27	5.45	5.64
		Amps	17.2	17.6	18.1	18.8	18.5	18.9	19.5	20.2	20.0	20.5	21.1	21.8	21.3	21.8	22.5	23.3	22.6	23.1	23.8	24.7	23.8	24.4	25.2	26.1
		Hi PR	257	276	292	304	288	310	327	341	328	353	372	388	373	402	424	442	420	452	477	498	464	499	527	550
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	167
	1700	MBh	59.0	60.3	64.5	68.9	57.7	58.9	63.0	67.3	56.3	57.5	61.5	65.7	54.9	56.1	**60.0**	64.1	52.2	53.3	57.0	60.9	48.3	49.4	52.8	56.4
		S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	**0.70**	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	**23**	18	27	26	22	18	25	24	21	17
		kW	3.90	3.98	4.11	4.25	4.21	4.30	4.44	4.59	4.48	4.58	4.74	4.90	4.72	4.83	**4.99**	5.17	4.93	5.04	5.21	5.39	5.11	5.22	5.40	5.59
		Amps	17.1	17.5	18.0	18.6	18.4	18.8	19.3	20.0	19.8	20.3	20.9	21.7	21.1	21.6	**22.3**	23.1	22.4	22.9	23.6	24.5	23.6	24.2	25.0	25.9
		Hi PR	254	274	289	301	285	307	324	338	324	349	369	385	370	398	**420**	438	416	447	472	493	459	494	522	544
		Lo PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	**143**	152	129	137	150	159	133	142	155	165
	1504	MBh	56.1	57.3	61.2	65.5	54.8	56.0	59.8	63.9	53.5	54.6	58.4	62.4	52.2	53.3	57.0	60.9	49.6	50.6	54.1	57.8	45.9	46.9	50.1	53.6
		S/T	0.80	0.75	0.61	0.46	0.83	0.78	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.91	0.86	0.70	0.52	0.92	0.86	0.70	0.52
		ΔT	27	26	23	18	28	27	23	19	28	27	23	19	28	27	23	19	28	26	23	18	26	25	21	17
		kW	3.84	3.92	4.05	4.18	4.14	4.23	4.37	4.52	4.41	4.51	4.66	4.81	4.64	4.75	4.91	5.08	4.84	4.95	5.12	5.30	5.02	5.13	5.31	5.49
		Amps	16.8	17.2	17.7	18.3	18.0	18.4	19.0	19.7	19.5	19.9	20.6	21.3	20.7	21.2	21.9	22.7	22.0	22.5	23.2	24.0	23.2	23.8	24.5	25.4
		Hi PR	249	268	283	295	280	301	318	331	318	342	361	377	362	390	412	429	407	438	463	483	450	484	511	533
		Lo PR	104	111	121	129	110	117	128	137	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	162
85	1908	MBh	61.9	63.1	66.1	70.5	60.4	61.6	64.5	68.8	59.0	60.1	63.0	67.2	57.6	58.7	61.4	65.6	54.7	55.7	58.4	62.3	50.6	51.6	54.1	57.7
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	28	26	23	26	27	26	22	24	25	24	21
		kW	3.96	4.05	4.18	4.32	4.28	4.38	4.52	4.67	4.56	4.66	4.82	4.98	4.80	4.91	5.08	5.26	5.01	5.13	5.30	5.49	5.19	5.31	5.50	5.69
		Amps	17.4	17.7	18.3	18.9	18.7	19.1	19.7	20.4	20.2	20.6	21.3	22.0	21.5	22.0	22.7	23.5	22.8	23.3	24.0	24.9	24.1	24.6	25.4	26.3
		Hi PR	259	279	295	307	291	313	331	345	331	356	376	392	377	406	428	447	424	456	482	503	469	504	532	555
		Lo PR	109	116	126	135	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168
	1700	MBh	60.1	61.2	64.1	68.4	58.7	59.8	62.6	66.8	57.3	58.4	61.1	65.2	55.9	57.0	59.7	63.6	53.1	54.1	56.7	60.5	49.2	50.1	52.5	56.0
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.97	0.88	0.71
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	29	27	23	29	28	27	23	27	26	25	22
		kW	3.93	4.02	4.15	4.29	4.24	4.34	4.48	4.63	4.52	4.62	4.78	4.94	4.76	4.87	5.04	5.21	4.97	5.08	5.26	5.44	5.15	5.27	5.45	5.64
		Amps	17.2	17.6	18.1	18.8	18.5	18.9	19.5	20.2	20.0	20.5	21.1	21.8	21.3	21.8	22.5	23.3	22.6	23.1	23.8	24.7	23.8	24.4	25.2	26.1
		Hi PR	257	276	292	304	288	310	327	341	328	353	372	388	373	402	424	442	420	452	477	498	464	499	527	550
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	167
	1504	MBh	57.1	58.2	60.9	65.0	55.7	56.8	59.5	63.5	54.4	55.5	58.1	62.0	53.1	54.1	56.7	60.5	50.4	51.4	53.8	57.4	46.7	47.6	49.9	53.2
		S/T	0.84	0.81	0.73	0.59	0.87	0.84	0.76	0.61	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.96	0.93	0.84	0.68
		ΔT	29	29	27	24	30	29	28	24	30	29	28	24	30	29	28	24	29	29	27	24	28	27	26	22
		kW	3.87	3.95	4.08	4.21	4.17	4.27	4.41	4.55	4.44	4.54	4.70	4.86	4.68	4.79	4.95	5.12	4.89	5.00	5.17	5.35	5.06	5.18	5.35	5.54
		Amps	16.9	17.3	17.8	18.4	18.2	18.6	19.2	19.8	19.7	20.1	20.7	21.5	20.9	21.4	22.1	22.9	22.2	22.7	23.4	24.3	23.4	24.0	24.7	25.6
		Hi PR	252	271	286	298	282	304	321	335	321	346	365	381	366	394	416	433	411	443	468	488	455	489	517	539
		Lo PR	106	112	123	131	111	119	129	138	116	123	135	143	122	129	141	151	128	136	148	158	132	140	153	163

IDB = Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

KW = Total system power

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

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 5-7 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.

APH1624H41

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.7	27.1	25.5	23.9	22.8	22.1	20.5	18.9	16.2	15.0	13.8	13.0	12.5	11.2	10.0	8.7	7.4	6.1
T/R	30.3	28.7	27.0	25.3	24.1	23.4	21.7	20.0	17.1	15.8	14.6	13.8	13.2	11.9	10.5	9.2	7.8	6.4
kW	1.96	1.92	1.88	1.84	1.81	1.80	1.76	1.72	1.70	1.66	1.62	1.60	1.58	1.54	1.50	1.46	1.42	1.38
Amps	9.8	9.1	8.5	8.1	7.8	7.7	7.3	6.9	6.6	6.4	6.1	6.0	5.9	5.6	5.3	5.0	4.7	4.3
COP	4.28	4.14	3.98	3.80	3.68	3.60	3.42	3.23	2.78	2.63	2.48	2.38	2.32	2.13	1.94	1.74	1.53	1.29
HI PR	397	381	366	350	342	335	322	309	296	283	272	265	260	251	241	231	223	215
LO PR	140	129	121	111	105	101	93	83	75	67	59	55	53	44	38	32	28	22

APH1630H41

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	34.7	32.8	30.9	28.9	27.6	26.7	24.8	22.9	19.2	17.7	16.3	15.4	14.8	13.3	11.8	10.3	8.8	7.2
T/R	30.6	29.0	27.3	25.5	24.3	23.6	21.9	20.2	16.9	15.6	14.4	13.6	13.1	11.7	10.4	9.1	7.7	6.3
kW	2.37	2.32	2.27	2.22	2.19	2.17	2.13	2.08	2.03	1.98	1.94	1.91	1.89	1.84	1.79	1.74	1.69	1.64
Amps	11.7	10.9	10.2	9.7	9.3	9.2	8.7	8.3	7.9	7.6	7.3	7.1	7.0	6.7	6.3	6.0	5.6	5.1
COP	4.28	4.14	3.98	3.81	3.68	3.60	3.42	3.23	2.76	2.61	2.47	2.36	2.30	2.12	1.93	1.73	1.52	1.28
HI PR	408	391	376	359	351	344	331	318	304	291	279	272	268	257	247	237	229	221
LO PR	132	123	115	105	100	96	88	78	71	63	56	52	50	42	36	31	27	21

APH1636H41**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	40.5	38.3	36.1	33.7	32.2	31.2	29.0	26.7	25.4	23.5	21.6	20.4	19.6	17.6	15.6	13.6	11.6	9.5
T/R	31.2	29.6	27.8	26.0	24.8	24.1	22.4	20.6	19.6	18.1	16.7	15.7	15.2	13.6	12.1	10.5	9.0	7.4
kW	2.84	2.78	2.73	2.67	2.64	2.61	2.56	2.50	2.52	2.46	2.40	2.37	2.35	2.29	2.23	2.18	2.12	2.06
Amps	14.1	13.1	12.3	11.7	11.3	11.1	10.5	10.1	9.7	9.3	8.9	8.7	8.6	8.2	7.8	7.4	6.9	6.3
COP	4.17	4.03	3.87	3.69	3.57	3.49	3.31	3.12	2.95	2.79	2.63	2.52	2.45	2.25	2.05	1.83	1.61	1.35
HI PR	391	375	360	344	336	330	317	304	291	278	267	261	256	246	237	227	219	211
LO PR	133	123	115	106	100	96	88	79	71	63	56	52	50	42	36	31	27	21

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

AMPS: Unit amps (comp.+ evaporator motor + condenser fan motor)

High pressure is measured at the liquid line access fitting; low pressure is measured at the compressor suction access fitting.

kW = Total system power

APH1642H41A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	47.3	44.7	42.1	39.4	37.6	36.4	33.8	31.2	26.9	24.8	22.9	21.6	20.8	18.7	16.5	14.4	12.3	10.1
T/R	33.7	31.9	30.0	28.0	26.8	26.0	24.1	22.2	19.2	17.7	16.3	15.4	14.8	13.3	11.8	10.3	8.8	7.2
kW	3.25	3.18	3.12	3.05	3.02	2.99	2.93	2.86	2.85	2.79	2.72	2.69	2.66	2.59	2.53	2.46	2.40	2.33
Amps	16.5	15.4	14.5	13.7	13.2	13.0	12.3	11.7	11.3	10.8	10.4	10.2	10.0	9.6	9.0	8.6	8.0	7.3
COP	4.26	4.11	3.95	3.77	3.65	3.57	3.38	3.19	2.76	2.61	2.46	2.35	2.29	2.11	1.92	1.71	1.50	1.27
HI PR	395	379	364	348	340	333	320	308	295	281	270	264	259	249	240	230	222	214
LO PR	131	122	114	105	99	95	88	78	70	63	55	51	49	42	36	30	27	21

APH1642H41B*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	52.1	49.4	46.4	43.4	41.5	40.2	37.3	34.4	30.3	27.9	25.7	24.3	23.4	21.0	18.6	16.2	13.9	11.3
T/R	36.5	34.5	32.5	30.4	29.0	28.1	26.1	24.1	21.2	19.6	18.0	17.0	16.4	14.7	13.0	11.4	9.7	7.9
kW	3.55	3.48	3.41	3.34	3.30	3.26	3.19	3.12	3.01	2.94	2.87	2.83	2.80	2.73	2.66	2.59	2.52	2.45
Amps	17.7	16.5	15.5	14.6	14.1	13.9	13.1	12.5	12.0	11.5	11.0	10.8	10.7	10.2	9.6	9.1	8.5	7.7
COP	4.29	4.15	3.99	3.81	3.68	3.60	3.42	3.23	2.94	2.78	2.63	2.52	2.45	2.25	2.05	1.83	1.61	1.36
EER	15	14	14	13	13	12	12	11	10	10	9	9	8	8	7	6	6	5
HI PR	403	386	371	355	347	340	327	314	301	287	276	269	264	254	244	234	226	218
LO PR	140	130	122	111	105	101	93	83	75	67	59	55	53	45	38	32	28	22

APH1648H41**

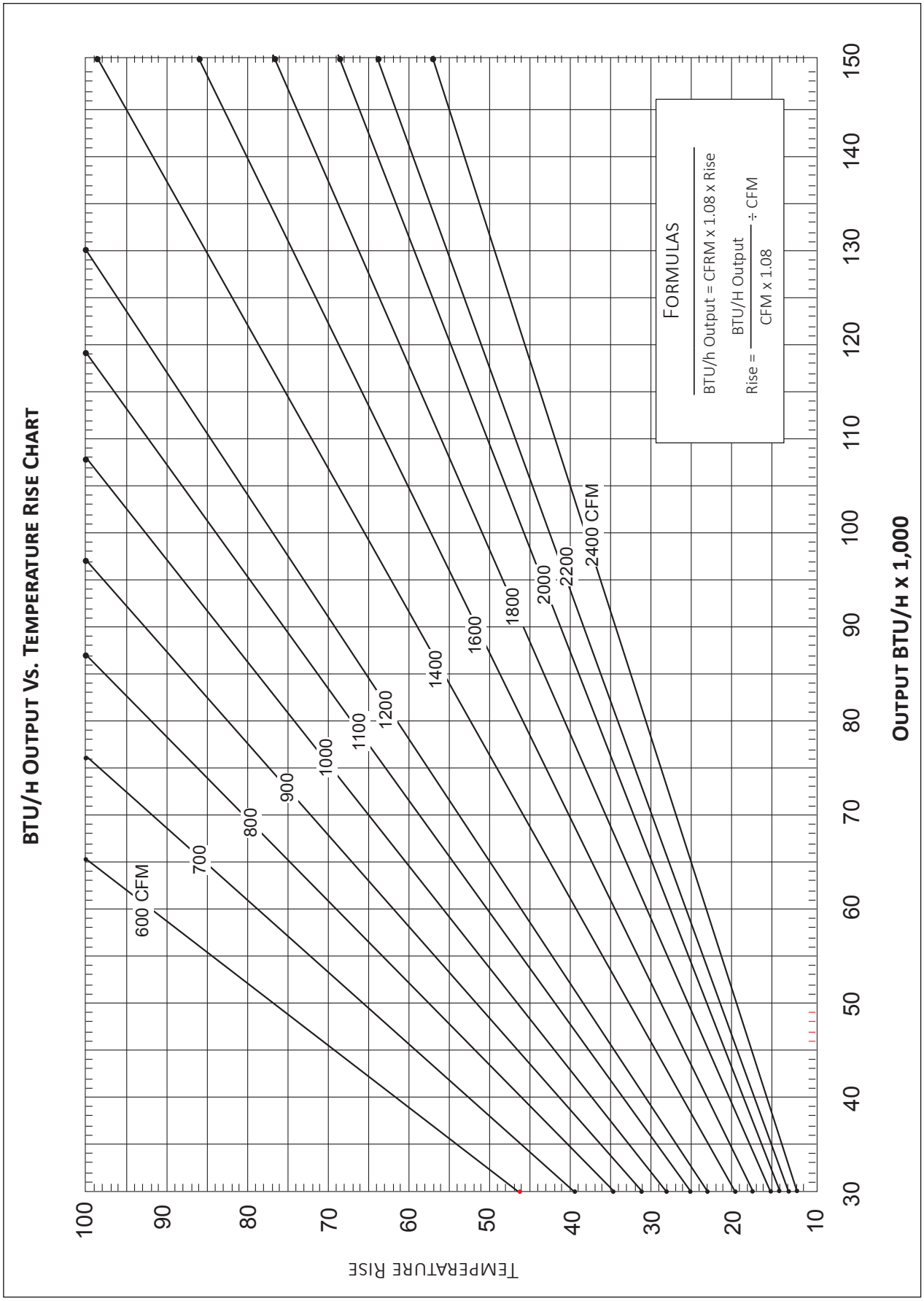
	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	32.4	29.9	27.5	26.0	25.0	22.5	19.9	17.4	14.8	12.1
T/R	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	18.7	17.3	15.9	15.0	14.5	13.0	11.5	10.1	8.6	7.0
kW	3.74	3.66	3.59	3.51	3.47	3.44	3.36	3.29	3.33	3.25	3.17	3.13	3.10	3.02	2.94	2.86	2.78	2.71
Amps	18.8	17.5	16.5	15.6	15.1	14.8	14.1	13.4	12.9	12.4	11.9	11.6	11.5	11.0	10.4	9.8	9.2	8.5
COP	4.33	4.18	4.02	3.84	3.71	3.63	3.45	3.25	2.85	2.69	2.54	2.43	2.37	2.18	1.98	1.77	1.56	1.31
HI PR	382	366	352	337	329	323	310	298	285	272	261	255	251	241	232	222	214	207
LO PR	132	122	114	105	99	95	88	78	70	63	55	51	50	42	36	31	27	21

APH1660H41

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.5	67.6	63.7	59.5	56.8	55.1	51.2	47.2	42.1	38.8	35.8	33.8	32.5	29.2	25.9	22.6	19.3	15.8
T/R	38.9	36.8	34.7	32.4	31.0	30.0	27.9	25.7	22.9	21.2	19.5	18.4	17.7	15.9	14.1	12.3	10.5	8.6
kW	4.85	4.76	4.66	4.56	4.50	4.46	4.36	4.27	4.20	4.10	4.00	3.94	3.91	3.80	3.71	3.61	3.51	3.41
Amps	24.2	22.5	21.1	20.0	19.3	18.9	17.9	17.1	16.4	15.7	15.0	14.7	14.5	13.9	13.0	12.3	11.5	10.5
COP	4.31	4.16	4.00	3.82	3.70	3.61	3.43	3.24	2.93	2.77	2.62	2.51	2.44	2.24	2.04	1.83	1.61	1.35
HI PR	406	389	374	358	349	343	329	316	303	289	278	271	266	256	246	236	228	220
LO PR	128	118	111	102	96	92	85	76	68	61	54	50	48	41	35	30	26	20

Above information is for nominal CFM and 70° indoor dry bulb. Instantaneous capacity listed. AMPS: Unit amps (comp.+ evaporator motor + condenser fan motor)

High pressure is measured at the liquid line access fitting; low pressure is measured at the compressor suction access fitting. kW = Total system power


BTU/H Output Vs. Temperature Rise Chart
Temperature Rise
Output BTU/H x 1,000
600 CFM
700
800
900
1000
1100
1200
1400
1600
1800
2000
2200
2400 CFM
Formulas
BTU/h Output = CFRM x 1.08 x Rise
Rise = BTU/H Output ÷ CFM / CFM x 1.08

APH1624H41

COOLING/ HP SPEED	ADJUST TAP	CFM*	ELECTRIC HEAT	ADJUST TAP	CFM*
	Minus	858		Minus	858
D	Normal	953	D	Normal	953
	Plus	1,048		Plus	1,048
	Minus	800		Minus	800
C	Normal	905	C	Normal	905
	Plus	986		Plus	986
	Minus	743		Minus	743
B	Normal**	847	B	Normal**	847
	Plus	939		Plus	939
	Minus	714		Minus	714
A	Normal	815	A	Normal	815
	Plus	903		Plus	903

* @ 0.1 - 0.9 ESP **Factory Default is "B" Normal

APH1630H41

COOLING/ HP SPEED	ADJUST TAP	CFM*	ELECTRIC HEAT	ADJUST TAP	CFM*
	Minus	969		Minus	969
D	Normal	1,073	D	Normal	1,073
	Plus	1,180		Plus	1,180
	Minus	930		Minus	930
C	Normal**	1,032	C	Normal**	1,032
	Plus	1,135		Plus	1,135
	Minus	834		Minus	834
B	Normal	984	B	Normal	984
	Plus	1,101		Plus	1,101
	Minus	833		Minus	833
A	Normal	937	A	Normal	937
	Plus	1,036		Plus	1,036

* @ 0.1 - 0.9 ESP **Factory Default is "B" Normal

APH1636H41

COOLING/ HP SPEED	ADJUST TAP	CFM*	ELECTRIC HEAT	ADJUST TAP	CFM*
	Minus	1,135		Minus	1,135
D	Normal	1,270	D	Normal	1,270
	Plus	1,371		Plus	1,371
	Minus	1,042		Minus	1,042
C	Normal	1,178	C	Normal	1,178
	Plus	1,307		Plus	1,307
	Minus	932		Minus	932
B	Normal**	1,065	B	Normal**	1,065
	Plus	1,181		Plus	1,181
	Minus	823		Minus	823
A	Normal	952	A	Normal	952
	Plus	1,080		Plus	1,080

* @ 0.1 - 0.9 ESP **Factory Default is "B" Normal

APH1642H41A*

COOLING/ HP SPEED	ADJUST TAP	CFM*	ELECTRIC HEAT	ADJUST TAP	CFM*
	Minus	1,289		Minus	1,289
D	Normal	1,392	D	Normal	1,392
	Plus	1,440		Plus	1,440
	Minus	1,219		Minus	1,219
C	Normal	1,323	C	Normal	1,323
	Plus	1,419		Plus	1,419
	Minus	1,182		Minus	1,182
B	Normal**	1,294	B	Normal**	1,294
	Plus	1,384		Plus	1,384
	Minus	1,105		Minus	1,105
A	Normal	1,219	A	Normal	1,219
	Plus	1,304		Plus	1,304

* @ 0.1 - 0.9 ESP **Factory Default is "B" Normal

APH1642H41B*

COOLING/ HP SPEED	ADJUST TAP	CFM*	ELECTRIC HEAT	ADJUST TAP	CFM*
	Minus	1,289		Minus	1,289
D	Normal	1,392	D	Normal	1,392
	Plus	1,440		Plus	1,440
	Minus	1,219		Minus	1,219
C	Normal**	1,323	C	Normal**	1,323
	Plus	1,419		Plus	1,419
	Minus	1,182		Minus	1,182
B	Normal	1,294	B	Normal	1,294
	Plus	1,384		Plus	1,384
	Minus	1,105		Minus	1,105
A	Normal	1,219	A	Normal	1,219
	Plus	1,304		Plus	1,304

* @ 0.1 - 0.9 ESP **Factory Default is "C" Normal

APH1648H41

COOLING/ HP SPEED	ADJUST TAP	CFM*	ELECTRIC HEAT	ADJUST TAP	CFM*
	Minus	1,506		Minus	1,506
D	Normal	1,699	D	Normal	1,699
	Plus	1,872		Plus	1,872
	Minus	1,420		Minus	1,420
C	Normal**	1,596	C	Normal**	1,596
	Plus	1,764		Plus	1,764
	Minus	1,323		Minus	1,323
B	Normal	1,491	B	Normal	1,491
	Plus	1,642		Plus	1,642
	Minus	1,217		Minus	1,217
A	Normal	1,385	A	Normal	1,385
	Plus	1,537		Plus	1,537

* @ 0.1 - 0.9 ESP **Factory Default is "B" Normal

APH1660H41					
COOLING/ HP SPEED	**ADJUST TAP**	**CFM***	**ELECTRIC HEAT**	**ADJUST TAP**	**CFM***
D	Minus	1,506	D	Minus	1,506
	Normal**	1,699		Normal**	1,699
	Plus	1,872		Plus	1,872
C	Minus	1,420	C	Minus	1,420
	Normal	1,596		Normal	1,596
	Plus	1,764		Plus	1,764
B	Minus	1,323	B	Minus	1,323
	Normal	1,491		Normal	1,491
	Plus	1,642		Plus	1,642
A	Minus	1,217	A	Minus	1,217
	Normal	1,385		Normal	1,385
	Plus	1,537		Plus	1,537

* @ 0.1 - 0.9 ESP **Factory Default is "D" Normal

Model and Heat Kit Usage	Circuit #1		Circuit #2		Single-Point Kit		Actual kW / BTU@ 240V
	MCA[1]	MOP[2]	MCA[1]	MOP[2]	MCA[1]	MOP[2]	
APH1624H41**	4.3	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	46	50	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	58	60	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	71	80	9.5 / 32,400
APH1630H41**	4.3	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	48	50	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	60	60	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	73	80	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	97	100	14.25 / 48,600
APH1636H41**	4.3	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	51	60	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	63	70	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	76	80	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	101	110	14.25 / 48,600
APH1642H41**	4.3	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	53	60	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	65	70	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	78	80	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	102	110	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	127	150	19.0 / 64,800
APH1648H41**	6.8	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	59	70	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	71	80	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	84	90	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	109	110	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	134	150	19.0 / 64,800
APH1660H41**	6.8	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	59	70	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	71	80	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	84	90	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	109	110	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	134	150	19.0 / 64,800

[1] Minimum Circuit Ampacity @ 208 / 240 V

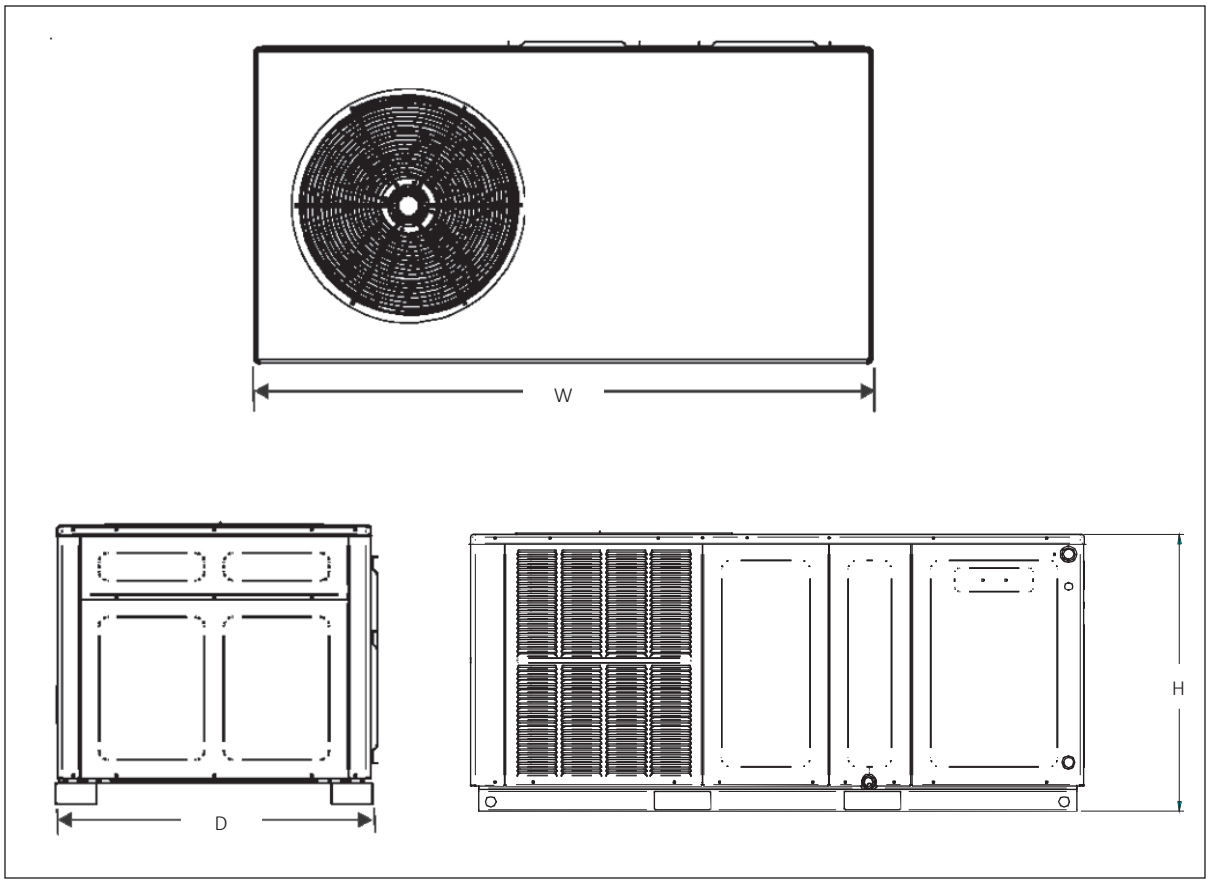
[2] Maximum Overcurrent Protection Device @ 208 / 240 V

* Revision level that may or may not be designated

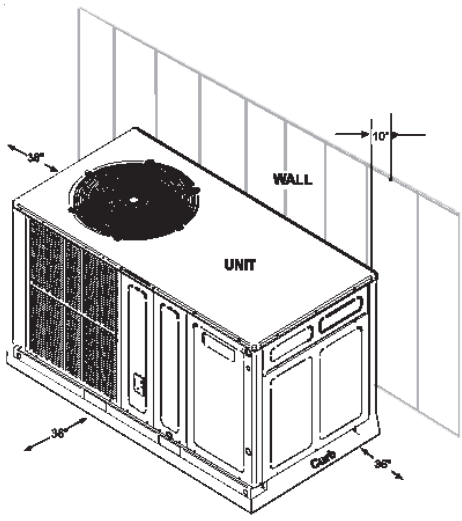
C Circuit breaker option

^ Heat Kit requires three-phase power supply

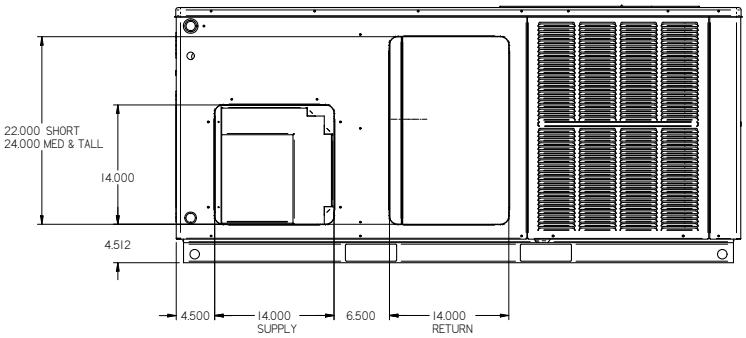
HKP-15C and HKP-20C replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.



MINIMAL CLEARANCES

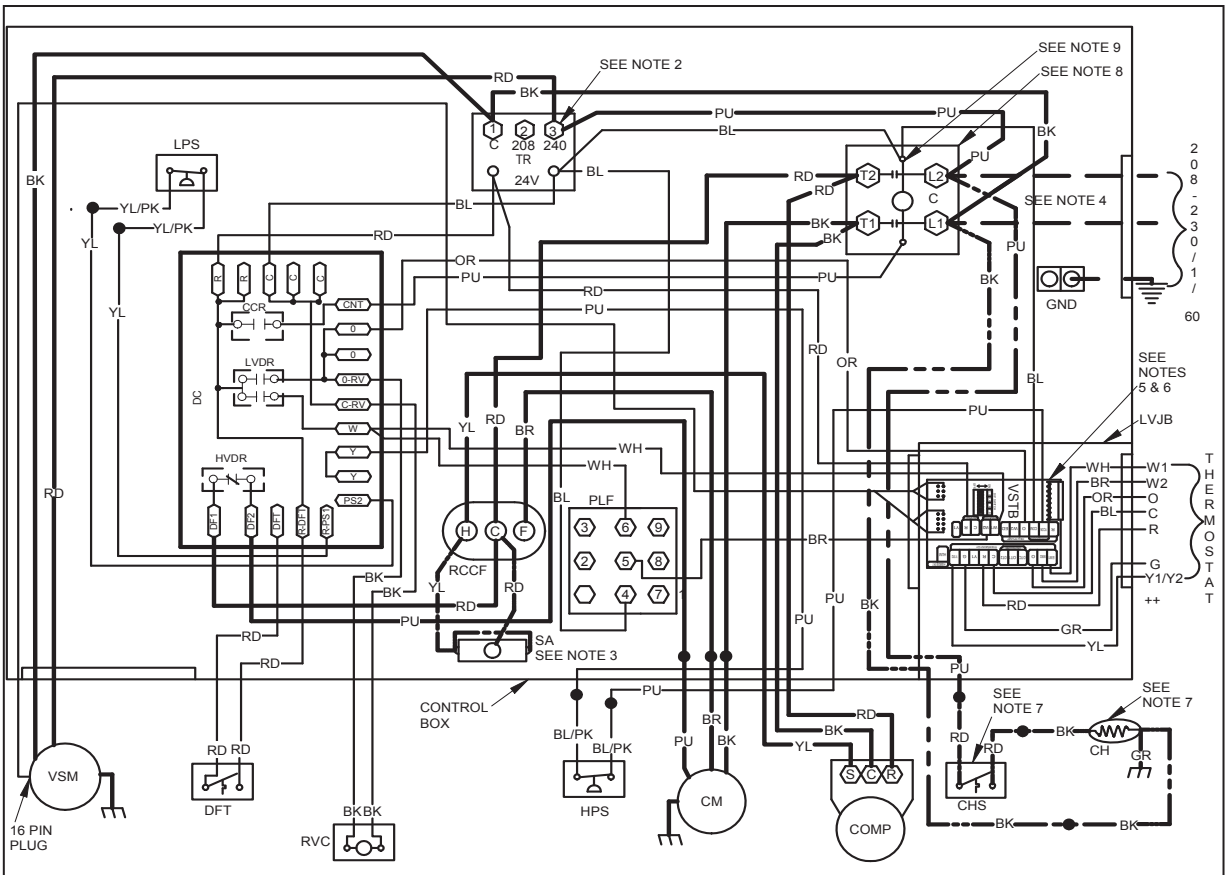


DUCT OPENINGS



BACK VIEW
(DUCT OPENINGS)

MODEL	DIMENSIONS			CHASSIS SIZE
	W"	D"	H"	
APH1624H41**	66	34	30	Small
APH1630H41**	66	34	30	Small
APH1636H41**	66	34	35	Medium
APH1642H41**	66	34	35	Medium
APH1648H41**	66	34	35	Medium
APH1660H41**	66	34	38¾	Large



COMPONENT LEGEND	
C	CONTACTOR
CCR	COMPRESSOR CONTACTOR RELAY
CH	CRANKCASE HEATER
CHS	CRANKCASE HEATER SWITCH
CM	CONDENSER MOTOR
COMP	COMPRESSOR
CSR	COMPRESSOR SOLENOID RELAY
DC	DEFROST CONTROL
DFT	DEFROST THERMOSTAT
GND	EQUIPMENT GROUND
HPS	HIGH PRESSURE SWITCH
HVDR	HIGH VOLTAGE DEFROST RELAY
LPS	LOW PRESSURE SWITCH
LVDR	LOW VOLTAGE DEFROST RELAY
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RVC	REVERSING VALVE COIL
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
SOL	HI STAGE SOLENOID
TR	TRANSFORMER
VSM	VARIABLE SPEED MOTOR
VSTB	VARIABLE SPEED TERM BLOCK

FACTORY WIRING

- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

FIELD WIRING

- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

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

EQUIPMENT GROUND	FIELD GROUND
JUNCTION	FIELD SPLICE
TERMINAL	SWITCH (TEMP)
INTERNAL TO INTEGRATED CONTROL	IGNITER
PLUG CONNECTION	SWITCH (PRESS.)
	OVERCURRENT PROT. DEVICE

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE AND RED WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
3. START ASSIST FACTOR EQUIPPED WHEN REQUIRED
4. USE COPPER CONDUCTORS ONLY

   ++ USE N.E.C. CLASS 2 WIRE
5. SET DIP SWITCH 4 ON VSTB TO OFF POSITION
6. REFER TO IO FOR FAN SPEED SETTINGS
7. CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.
8. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.
9. COMMON SIDE OF CONTACTOR CAN NOT BE GROUNDED OR CONNECTED TO ANY OTHER COMMON (24V).

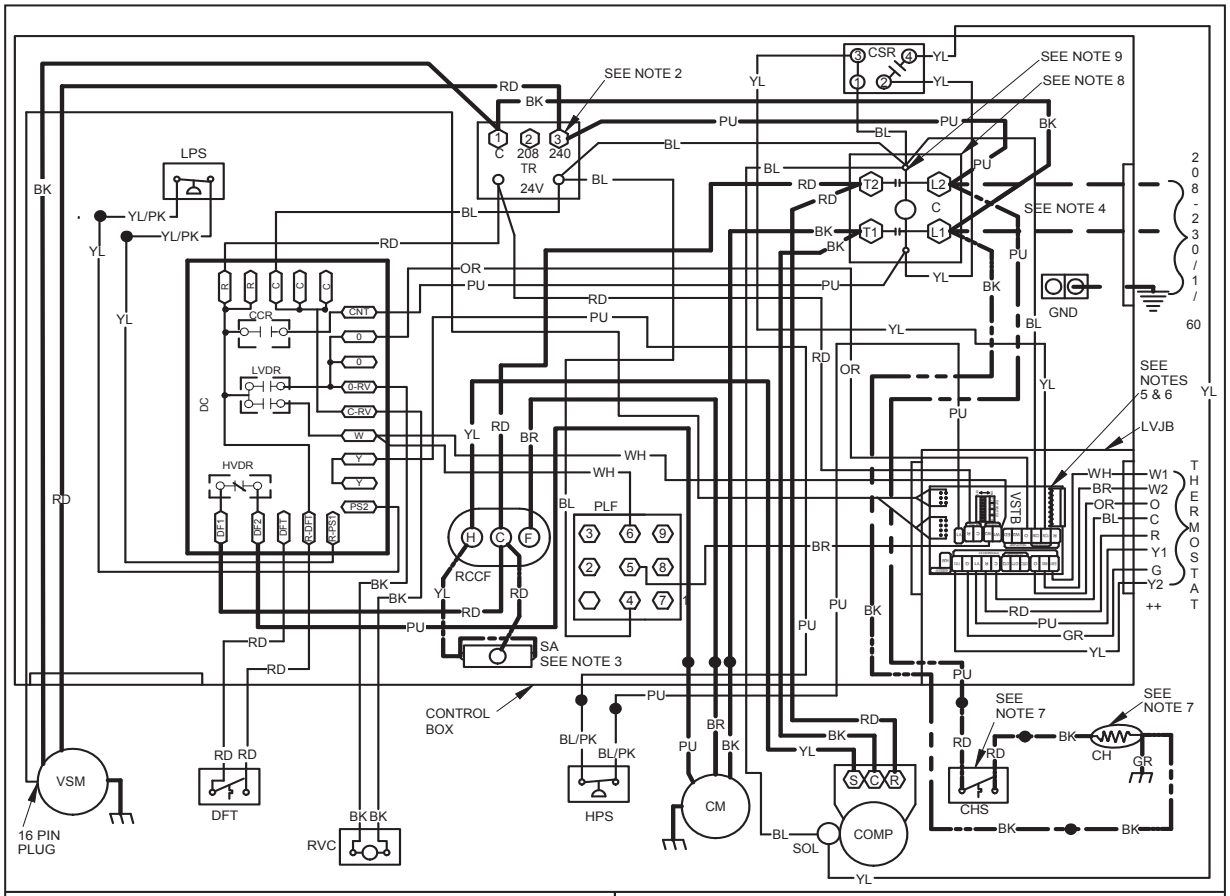
SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

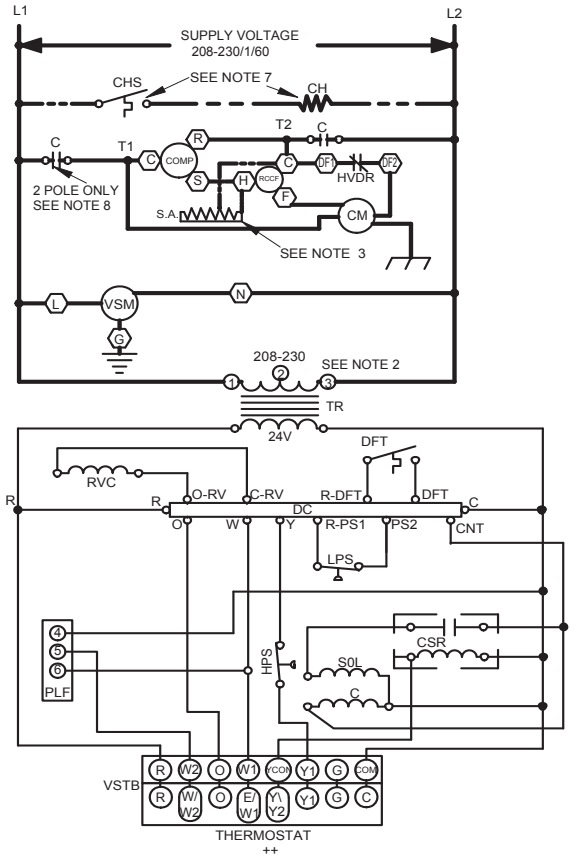
0140G03659-A

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

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





COMPONENT LEGEND

C	CONTACTOR
CCR	COMPRESSOR CONTACTOR RELAY
CH	CRANKCASE HEATER
CHS	CRANKCASE HEATER SWITCH
CM	CONDENSER MOTOR
COMP	COMPRESSOR
CSR	COMPRESSOR SOLENOID RELAY
DC	DEFROST CONTROL
DFT	DEFROST THERMOSTAT
GND	EQUIPMENT GROUND
HPS	HIGH PRESSURE SWITCH
HVDR	HIGH VOLTAGE DEFROST RELAY
LPS	LOW PRESSURE SWITCH
LVDR	LOW VOLTAGE DEFROST RELAY
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RVC	REVERSING VALVE COIL
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
SOL	HI STAGE SOLENOID
TR	TRANSFORMER
VSM	VARIABLE SPEED MOTOR
VSTB	VARIABLE SPEED TERM BLOCK

FACTORY WIRING

- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

FIELD WIRING

- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

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

- EQUIPMENT GROUND
- JUNCTION
- TERMINAL
- INTERNAL TO INTEGRATED CONTROL
- PLUG CONNECTION
- FIELD GROUND
- FIELD SPLICE
- SWITCH (TEMP)
- IGNITER
- SWITCH (PRESS.)
- OVERCURRENT PROT. DEVICE

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE AND RED WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
3. START ASSIST FACTOR EQUIPPED WHEN REQUIRED
4. USE COPPER CONDUCTORS ONLY

   ++ USE N.E.C. CLASS 2 WIRE
5. SET DIP SWITCH 4 ON VSTB TO OFF POSITION
6. REFER TO IO FOR FAN SPEED SETTINGS
7. CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.
8. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.
9. COMMON SIDE OF CONTACTOR CAN NOT BE GROUNDED OR CONNECTED TO ANY OTHER COMMON (24V).

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

0140G03657-A

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

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

ACCESSORY DESCRIPTION	ITEM NUMBER	
	SMALL CHASSIS	MEDIUM/LARGE CHASSIS
Downflow Economizer (use w/PCCP roof curb)	DDNECNJPCHHA	DDNECNJPCHHA
Downflow Plenum Kit (use w/PCCP roof curb)	PCP101-103	PCP101-103
Downflow Plenum Kit (R-8) (use w/PCCP roof curb)	PCP101-103 R8	PCP101-103 R8
Elbow Flashing w/R-8 Liner	PCEF101-103	PCEF101-103
Economizer Wiring Harness (2 - 3.5 Ton)	0259G00215	0259G00215
Economizer Wiring Harness (4 - 5 Ton)	N/A	0259L00411
External Horizontal Filter Rack	DPHFRA	DPHFRA
Horizontal Economizer	DHZECNJPGCHM	DHZECNJPGCHM
Manual Damper (use with PCP101-103)	PCMD101-103	PCMD101-103
Manual Damper - Horizontal	GPHMD101-103	GPHMD101-103
Motorized Damper (use with PCP101-103)	PCMDM101-103	PCMDM101-103
Outdoor Thermostat & Emergency Heat Relay Kit	OT/EHR18-60	OT/EHR18-60
Outdoor Thermostat Kit w/ Lockout Stat	OT18-60A	OT18-60A
Roof Curb	PCCP101-103	PCCP101-103
Square to Round Downflow (use w/PCCP roof curb)	SQRPC101	SQRPC102-103
Square to Round Horizontal	SQRPCH101	SQRPCH102-103

SINGLE-POINT KIT ACCESSORY KITS

Select the single-point kit accessory based on the unit model.

MODEL	SINGLE-POINT KIT
APH1624H41**	SPK-30
APH1630H41**	SPK-35
APH1636H41**	SPK-40
APH1642H41**	SPK-45
APH1648H41**	SPK-50
APH1660H41**	SPK-60