

UP TO 14.5 SEER
1½ TO 5 TONS

ENERGY-EFFICIENT
SPLIT SYSTEM AIR CONDITIONER



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■ Standard Features

- Single-speed PSC condenser fan motor
- Energy-efficient scroll compressor
- High-density foam compressor sound blanket
- Advanced Copeland® CoreSense™ technology
- Factory-installed filter drier
- Copper tube / enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- Contactor with lug connection
- AHRI Certified; ETL Listed

■ Cabinet Features

- Heavy-gauge, galvanized-steel cabinet with grille-style sound control top
- Custom Nickel Gray powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 6-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Quebec.

	D	X	13	S	A	036	3	AA	
	1	2	3,4	5	6	7,8,9	10	11,12	
Brand	D - Daikin								Engineering Major & Minor revisions * Not used for inventory control.
Type	X - AC R-410A Z - HP R-410A								Voltage 1 - 208/230 V Single-Phase 60 Hz
SEER	13 - 13 SEER	18 - 18 SEER							Nominal Tonnage
	14 - 14 SEER	20 - 20 SEER							018 - 1½ tons
	16 - 16 SEER								024 - 2 tons
									030 - 2½ tons
									036 - 3 tons
									042 - 3½ tons
									048 - 4 tons
									060 - 5 tons
									061 - 5 tons (high capacity)
Compressor	S - Single Stage T - Two Stage								Feature Set
						A - Base C - Communicating			D - Deluxe N - Nominal

	DX13SA 0181A*	DX13SA 0241A*	DX13SA 0301A*	DX13SA 0361A*	DX13SA 0421A*	DX13SA 0481A*	DX13SA 0601A*	DX13SA 0611A*
CAPACITIES								
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000	60,000
Decibels	71	71	72	74	74	74	77	72
COMPRESSOR								
RLA	9.0	13.5	12.8	14.1	17.9	19.9	25.0	26.4
LRA	48	58.3	64	77	112	109	134	134
CONDENSER FAN MOTOR								
Horsepower	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4
FLA	0.7	0.7	0.7	1.4	1.3	1.3	1.3	1.3
REFRIGERATION SYSTEM								
Refrigerant Line Size								
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size								
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{4 5}	3/4"	3/4"	3/4"	3/4" ⁴	7/8" ⁵	7/8" ⁵	7/8" ⁵	7/8" ⁵
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	69	60	60	62	80	91	94	111
Shipped with Orifice Size (in.)	0.051	0.057	0.061	0.070	0.076	0.080	0.086	0.086
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	208/230-1
Minimum Circuit Ampacity ²	12	17.6	16.7	19.0	23.7	26.2	32.6	34.3
Max. Overcurrent Protection ³	20	30	25	30	40	45	50	60
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Equipment Weight (lbs)	102	115	115	118	171	175	184	211
Ship Weight (lbs)	117	128	132	135	189	193	202	233

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

⁴ Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

⁵ Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	525	MBh	15.6	16.2	17.7	-	15.3	15.8	17.3	-	14.9	15.4	16.9	-	14.5	15.1	16.5	-	13.8	14.3	15.7	-	12.8	13.3	14.5	-
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		Δ T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-
		kW	1.25	1.28	1.31	-	1.34	1.37	1.41	-	1.42	1.44	1.49	-	1.48	1.51	1.56	-	1.54	1.57	1.62	-	1.59	1.62	1.67	-
		Amps	4.7	4.8	4.9	-	5.0	5.1	5.3	-	5.4	5.6	5.7	-	5.8	5.9	6.1	-	6.1	6.3	6.5	-	6.5	6.7	6.9	-
	600	Hi PR	213	230	242	-	239	258	272	-	272	293	309	-	310	334	352	-	349	375	396	-	385	415	438	-
		Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-
		MBh	16.9	17.6	19.2	-	16.5	17.1	18.8	-	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.0	15.5	17.0	-	13.9	14.4	15.7	-
		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	-
		Δ T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
675	kW	1.28	1.31	1.34	-	1.37	1.40	1.44	-	1.45	1.48	1.52	-	1.52	1.55	1.59	-	1.57	1.61	1.66	-	1.63	1.66	1.71	-	
	Amps	4.8	4.9	5.0	-	5.1	5.3	5.4	-	5.6	5.7	5.9	-	5.9	6.1	6.3	-	6.3	6.5	6.7	-	6.7	6.8	7.1	-	
	Hi PR	220	237	250	-	247	266	280	-	281	302	319	-	320	344	363	-	360	387	409	-	397	428	452	-	
	Lo PR	107	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	
	MBh	17.4	18.1	19.8	-	17.0	17.7	19.3	-	16.6	17.2	18.9	-	16.2	16.8	18.4	-	15.4	16.0	17.5	-	14.3	14.8	16.2	-	
75	525	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	-
		Δ T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	1.29	1.32	1.35	-	1.38	1.41	1.45	-	1.46	1.49	1.53	-	1.53	1.56	1.61	-	1.59	1.62	1.67	-	1.64	1.67	1.72	-
		Amps	4.8	4.9	5.1	-	5.2	5.3	5.5	-	5.6	5.8	5.9	-	6.0	6.1	6.3	-	6.4	6.5	6.7	-	6.7	6.9	7.1	-
		Hi PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	413	-	401	432	456	-
	600	Lo PR	109	115	126	-	115	122	133	-	119	127	138	-	125	133	145	-	131	140	152	-	136	144	158	-
		MBh	17.2	17.7	19.2	20.6	16.8	17.3	18.7	20.1	16.4	16.9	18.3	19.6	16.0	16.5	17.9	19.2	15.2	15.7	17.0	18.2	14.1	14.5	15.7	16.9
		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
		Δ T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		kW	1.29	1.32	1.35	1.39	1.38	1.41	1.45	1.49	1.46	1.49	1.53	1.58	1.53	1.56	1.61	1.66	1.59	1.62	1.67	1.72	1.64	1.67	1.72	1.78
675	Amps	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.8	5.9	6.2	6.0	6.1	6.3	6.6	6.4	6.5	6.7	7.0	6.7	6.9	7.1	7.4	
	Hi PR	222	239	252	263	249	268	283	296	284	305	322	336	323	348	367	383	363	391	413	431	401	432	456	476	
	Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	
	MBh	17.7	18.3	19.8	21.2	17.3	17.8	19.3	20.7	16.9	17.4	18.8	20.2	16.5	17.0	18.4	19.7	15.7	16.1	17.5	18.7	14.5	15.0	16.2	17.4	
	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	0.62	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42	
75	Δ T	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	1.30	1.33	1.36	1.40	1.39	1.42	1.46	1.50	1.47	1.50	1.54	1.59	1.54	1.57	1.62	1.67	1.60	1.63	1.68	1.73	1.65	1.68	1.74	1.79	
	Amps	4.9	5.0	5.1	5.3	5.2	5.4	5.5	5.7	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.6	6.4	6.6	6.8	7.1	6.8	7.0	7.2	7.5	
	Hi PR	224	242	255	266	252	271	286	298	286	308	325	339	326	351	371	387	367	395	417	435	405	436	461	481	
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	16.2	16.5	17.7	18.9	15.8	16.1	17.3	18.4	15.4	15.8	16.8	18.0	15.0	15.4	16.4	17.6	14.3	14.6	15.6	16.7	13.2	13.5	14.5	15.5
	S/T	0.85	0.80	0.65	0.5	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.5	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.6	0.97	0.91	0.74	0.56
	Δ T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15
	kW	1.27	1.30	1.33	1.4	1.36	1.39	1.43	1.47	1.44	1.47	1.51	1.6	1.50	1.53	1.58	1.63	1.56	1.59	1.64	1.7	1.61	1.65	1.70	1.75
	Amps	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.5	5.7	5.8	6.0	5.9	6.0	6.2	6.5	6.3	6.4	6.6	6.9	6.6	6.8	7.0	7.3
	Hi PR	218	234	247	258.0	244	263	278	290	278	299	316	329.3	316	341	360	375	356	383	405	421.9	393	423	447	466
Lo PR	106	113	124	131.6	112	120	131	139	117	124	136	144.5	123	131	142	152	129	137	149	159.0	133	141	154	165	
80	MBh	17.5	17.9	19.1	20.5	17.1	17.5	18.7	20.0	16.7	17.1	18.2	19.5	16.3	16.7	17.8	19.0	15.5	15.8	16.9	18.1	14.3	14.7	15.7	16.7
	S/T	0.88	0.83	0.67	0.5	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.6	1.00	0.95	0.77	0.58
	Δ T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
	kW	1.30	1.33	1.36	1.4	1.39	1.42	1.46	1.50	1.47	1.50	1.54	1.6	1.54	1.57	1.62	1.67	1.60	1.63	1.68	1.7	1.65	1.68	1.74	1.79
	Amps	4.9	5.0	5.1	5.3	5.2	5.4	5.5	5.7	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.6	6.4	6.6	6.8	7.1	6.8	7.0	7.2	7.5
	Hi PR	224	242	255	266.0	252	271	286	298	286	308	325	339.5	326	351	371	387	367	395	417	435.0	405	436	461	481
Lo PR	110	117	127	135.6	116	123	135	143	120	128	140	148.9	126	135	147	156	133	141	154	164.0	137	146	159	170	
80	MBh	18.1	18.4	19.7	21.1	17.6	18.0	19.3	20.6	17.2	17.6	18.8	20.1	16.8	17.2	18.3	19.6	16.0	16.3	17.4	18.6	14.8	15.1	16.1	17.2
	S/T	0.92	0.87	0.70	0.5	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.6	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.6	1.00	1.00	0.81	0.60
	Δ T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
	kW	1.31	1.33	1.37	1.4	1.40	1.43	1.47	1.51	1.48	1.51	1.56	1.6	1.55	1.58	1.63	1.68	1.61	1.64	1.69	1.7	1.66	1.70	1.75	1.81
	Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.6	6.9	7.1	6.9	7.0	7.3	7.5
	Hi PR	227	244	258	268.7	254	274	289	301	289	311	329	342.9	329	355	374	391	371	399	421	439.3	410	441	465	485
Lo PR	111	118	129	137.0	117	124	136	145	122	129	141	150.4	128	136	148	158	134	142	155	165.6	138	147	161	171	

85	MBh	16.5	16.8	17.6	18.7	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.3	17.4	14.5	14.8	15.5	16.6	13.5	13.7	14.4	15.3
	S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
	Δ T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	24	24	22	19
	kW	1.28	1.31	1.34	1.38	1.37	1.40	1.44	1.48	1.45	1.48	1.52	1.57	1.52	1.55	1.59	1.64	1.57	1.61	1.66	1.71	1.62	1.66	1.71	1.76
	Amps	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.5	6.7	6.9	6.7	6.8	7.1	7.3
	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	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	
85	MBh	17.8	18.2	19.0	20.3	17.4	17.8	18.6	19.8	17.0	17.3	18.2	19.4	16.6	16.9	17.7	18.9	15.8	16.1	16.8	18.0	14.6	14.9	15.6	16.6
	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	0.91	0.74	1.00	1.00	0.92	0.75
	Δ T	25	25	23	20	26	25	24	21	26	25	24	21	25	25	24	21	24	25	24	20	22	23	22	19
	kW	1.31	1.33	1.37	1.41	1.40	1.43	1.47	1.51	1.48	1.51	1.56	1.60	1.55	1.58	1.63	1.68	1.61	1.64	1.69	1.75	1.66	1.70	1.75	1.81
	Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.6	6.9	7.1	6.9	7.0	7.3	7.5
	Hi PR	227	244	258	269	254	274	289	301	289	311	329	343	329	355	374	391	371	399	421	439	410	441	465	485
Lo PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171	
85	MBh	18.4	18.7	19.6	20.9	17.9	18.3	19.2	20.4	17.5	17.9	18.7	19.9	17.1	17.4	18.2	19.5	16.2	16.5	17.3	18.5	15.0	15.3	16.1	17.1
	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	0.78
	Δ T	24	24	23	19	24	24	23	20	24	24	23	20	23	24	23	20	22	23	23	20	20	21	21	18
	kW	1.32	1.34	1.38	1.42	1.41	1.44	1.48	1.52	1.49	1.52	1.57	1.61	1.56	1.59	1.64	1.69	1.62	1.66	1.71	1.76	1.68	1.71	1.76	1.82
	Amps	4.9	5.1	5.2	5.4	5.3	5.5	5.6	5.8	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.5	6.7	6.9	7.2	6.9	7.1	7.3	7.6
	Hi PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490
Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	20.2	20.9	22.9	24.8	19.7	20.4	22.4	24.4	19.3	20.0	21.9	23.9	18.8	19.5	21.3	23.3	17.8	18.5	20.3	22.3	16.5	17.1	18.8	20.8
	S/T	0.69	0.58	0.40	0.41	0.72	0.60	0.41	0.42	0.73	0.61	0.42	0.43	0.76	0.63	0.44	0.45	0.79	0.66	0.45	0.46	0.79	0.66	0.46	0.47
	Δ T	18	16	12	12	19	16	12	12	19	16	12	12	19	16	12	12	18	16	12	12	17	15	11	11
	kW	1.60	1.64	1.68	1.72	1.72	1.75	1.81	1.86	1.82	1.86	1.91	1.96	1.91	1.95	2.01	2.06	1.98	2.03	2.09	2.14	2.05	2.09	2.16	2.21
	Amps	5.9	6.0	6.2	6.4	6.4	6.5	6.7	6.9	6.9	7.1	7.3	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.1
	Hi PR	222	239	253	260	249	268	283	292	284	305	322	332	323	348	367	378	363	391	413	426	402	432	456	470
	Lo PR	101	108	117	121	107	114	124	128	111	118	129	133	117	124	135	140	122	130	142	146	126	135	147	151
	MBh	21.9	22.7	24.8	26.6	21.4	22.2	24.3	26.3	20.9	21.6	23.7	25.7	20.4	21.1	23.1	25.1	19.3	20.0	22.0	24.0	17.9	18.6	20.3	22.3
	S/T	0.72	0.60	0.41	0.42	0.74	0.62	0.43	0.44	0.76	0.64	0.44	0.45	0.78	0.66	0.45	0.46	0.81	0.68	0.47	0.48	0.82	0.69	0.48	0.49
	Δ T	18	16	12	12	18	16	12	12	18	16	12	12	18	16	12	12	18	16	12	12	17	15	11	11
kW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.90	1.86	1.90	1.96	2.01	1.95	2.00	2.06	2.11	2.03	2.08	2.14	2.19	2.10	2.14	2.21	2.26	
Amps	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.1	7.1	7.3	7.5	7.7	7.6	7.8	8.1	8.3	8.1	8.3	8.6	8.8	8.6	8.8	9.1	9.3	
Hi PR	229	247	260	269	257	277	292	301	292	315	332	341	333	358	378	387	375	403	426	435	414	446	470	481	
Lo PR	104	111	121	125	110	117	128	132	114	122	133	137	120	128	140	144	126	134	146	150	130	139	151	155	
MBh	22.5	23.4	25.6	27.4	22.0	22.8	25.0	26.8	21.5	22.3	24.4	26.4	21.0	21.7	23.8	25.8	19.9	20.6	22.6	24.6	18.4	19.1	21.0	23.0	
S/T	0.75	0.63	0.43	0.44	0.78	0.65	0.45	0.46	0.80	0.67	0.46	0.47	0.82	0.69	0.48	0.49	0.85	0.71	0.49	0.50	0.86	0.72	0.50	0.51	
Δ T	17	15	11	11	17	15	11	11	18	15	12	12	18	15	12	12	17	15	11	11	16	14	11	11	
kW	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.91	1.88	1.92	1.97	2.02	1.97	2.01	2.07	2.12	2.05	2.09	2.16	2.21	2.12	2.16	2.23	2.28	
Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.4	7.6	7.8	7.7	7.9	8.2	8.4	8.2	8.4	8.7	8.9	8.7	8.9	9.2	9.4	
Hi PR	231	249	263	271	260	279	295	303	295	318	336	344	336	362	382	390	378	407	430	438	418	450	475	483	
Lo PR	105	112	122	126	111	118	129	133	116	123	134	138	121	129	141	145	127	135	148	152	132	140	153	157	

75	MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.2	21.8	23.4	19.1	19.7	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1
	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
	Δ T	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	1.62	1.65	1.70	1.75	1.73	1.77	1.82	1.88	1.83	1.87	1.93	1.99	1.92	1.96	2.02	2.09	2.00	2.04	2.11	2.17	2.07	2.11	2.18	2.25
	Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.8	8.4	8.7	8.9	9.3
	Hi PR	225	242	255	266	252	271	286	299	287	308	326	340	326	351	371	387	367	395	417	435	406	437	461	481
	Lo PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158
	MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8
	S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
	Δ T	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	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.07	2.14	2.05	2.09	2.16	2.23	2.12	2.16	2.23	2.30	
Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6	
Hi PR	231	249	263	274	260	280	295	308	295	318	336	350	336	362	382	399	379	407	430	449	418	450	475	496	
Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	
MBh	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.8	21.9	22.5	24.4	26.1	21.3	22.0	23.8	25.5	20.3	20.9	22.6	24.2	18.8	19.3	20.9	22.4	
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	
Δ T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10	
kW	1.67	1.70	1.75	1.80	1.79	1.82	1.88	1.94	1.89	1.93	1.99	2.05	1.99	2.03	2.09	2.16	2.07	2.11	2.18	2.25	2.13	2.18	2.25	2.32	
Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.3	7.4	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	
Hi PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	455	480	501	
Lo PR	106	113	124	132	112	120	131	139	117	124	136	144	123	131	142	152	129	137	149	159	133	141	154	164	

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0
	S/T	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.5	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.75	0.56
	Δ T	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	1.63	1.66	1.71	1.8	1.74	1.78	1.83	1.89	1.85	1.89	1.94	2.0	1.94	1.98	2.04	2.11	2.02	2.06	2.12	2.2	2.08	2.13	2.19	2.27
	Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.1	7.1	7.2	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4
	Hi PR	227	244	258	268.8	254	274	289	302	289	311	329	343.1	330	355	375	391	371	399	421	439.6	410	441	466	486
	Lo PR	103	110	120	127.6	109	116	127	135	113	121	132	140.1	119	127	138	147	125	133	145	154.3	129	137	150	160
	MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
	S/T	0.89	0.84	0.68	0.5	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.6	1.00	0.96	0.78	0.58
	Δ T	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	21	21	18	15
kW	1.67	1.70	1.75	1.8	1.79	1.82	1.88	1.94	1.89	1.93	1.99	2.1	1.99	2.03	2.09	2.16	2.07	2.11	2.18	2.2	2.13	2.18	2.25	2.32	
Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.3	7.4	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	
Hi PR	234	252	266	277.1	262	282	298	311	298	321	339	353.7	340	366	386	403	382	411	434	453.2	422	455	480	501	
Lo PR	106	113	124	131.6	112	120	131	139	117	124	136	144.5	123	131	143	152	129	137	149	159.0	133	141	154	165	
MBh	23.3	23.8	25.5	27.2	22.8	23.3	24.9	26.6	22.2	22.7	24.3	26.0	21.7	22.2	23.7	25.3	20.6	21.1	22.5	24.1	19.1	19.5	20.8	22.3	
S/T	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.6	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.6	1.00	1.00	0.82	0.61	
Δ T	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	1.68	1.71	1.76	1.8	1.80	1.84	1.89	1.95	1.91	1.95	2.01	2.1	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.3	2.15	2.20	2.27	2.34	
Amps	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.6	8.8	9.2	8.9	9.1	9.4	9.7	
Hi PR	236	254	268	279.9	265	285	301	314	301	324	342	357.2	343	369	390	407	386	416	439	457.7	427	459	485	506	
Lo PR	107	114	125	132.9	114	121	132	140	118	126	137	145.9	124	132	144	153	130	138	151	160.6	134	143	156	166	

85	MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8
	S/T	0.90	0.87	0.79	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	0.73	1.00	1.00	0.90	0.73
	Δ T	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19
	kW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.90	1.86	1.90	1.96	2.02	1.95	1.99	2.06	2.12	2.03	2.08	2.14	2.21	2.10	2.14	2.21	2.28
	Amps	6.1	6.2	6.4	6.7	6.6	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5
	Hi PR	229	247	260	272	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	491
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
	MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
	S/T	0.94	0.90	0.81	0.66	0.97	0.94	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	0.94	0.76
	Δ T	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	1.68	1.71	1.76	1.82	1.80	1.84	1.89	1.95	1.91	1.95	2.01	2.07	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.26	2.15	2.20	2.27	2.34	
Amps	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.6	8.8	9.2	8.9	9.1	9.4	9.7	
Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	416	439	458	427	459	485	506	
Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	
MBh	23.7	24.2	25.3	27.0	23.2	23.6	24.8	26.4	22.6	23.1	24.2	25.8	22.1	22.5	23.6	25.1	21.0	21.4	22.4	23.9	19.4	19.8	20.7	22.1	
S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80	
Δ T	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	21	22	22	19	20	20	21	18	
kW	1.69	1.72	1.78	1.83	1.81	1.85	1.91	1.97	1.92	1.96	2.02	2.09	2.02	2.06	2.12	2.19	2.10	2.14	2.21	2.28	2.17	2.22	2.29	2.36	
Amps	6.3	6.4	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.2	9.5	9.8	
Hi PR	239	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	875	MBh	24.9	25.8	28.3	-	24.4	25.2	27.7	-	23.8	24.6	27.0	-	23.2	24.0	26.3	-	22.0	22.8	25.0	-	20.4	21.2	23.2	-	20.4	21.2	23.2	-							
		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	-	0.80	0.67	0.46	-							
		Δ T	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-							
		kW	1.97	2.01	2.07	-	2.12	2.16	2.22	-	2.24	2.29	2.36	-	2.35	2.40	2.48	-	2.45	2.50	2.58	-	2.53	2.58	2.67	-	2.53	2.58	2.67	-							
		Amps	7.2	7.4	7.7	-	7.8	8.0	8.3	-	8.5	8.7	9.0	-	9.1	9.4	9.7	-	9.7	10.0	10.3	-	10.3	10.6	10.9	-	10.3	10.6	10.9	-							
	Hi PR	239	257	271	-	268	288	304	-	305	328	346	-	347	373	394	-	390	420	444	-	431	464	490	-	431	464	490	-								
	Lo PR	107	113	124	-	113	120	131	-	117	124	136	-	123	131	143	-	129	137	150	-	133	142	155	-	133	142	155	-								
	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	-	22.1	22.9	25.1	-								
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-								
	Δ T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-	16	14	11	-								
kW	2.02	2.06	2.12	-	2.17	2.21	2.28	-	2.30	2.34	2.42	-	2.41	2.46	2.54	-	2.51	2.56	2.64	-	2.59	2.65	2.73	-	2.59	2.65	2.73	-									
Amps	7.4	7.6	7.9	-	8.1	8.3	8.5	-	8.8	9.0	9.3	-	9.4	9.6	10.0	-	10.0	10.3	10.6	-	10.6	10.9	11.3	-	10.6	10.9	11.3	-									
Hi PR	246	265	280	-	276	297	314	-	314	338	357	-	358	385	407	-	402	433	457	-	445	479	505	-	445	479	505	-									
Lo PR	110	117	128	-	116	123	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-	137	146	159	-									
MBh	27.3	28.3	31.0	-	26.7	27.6	30.3	-	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.1	25.0	27.4	-	22.3	23.2	25.4	-	22.3	23.2	25.4	-									
S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-									
Δ T	16	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	15	13	10	-	15	13	10	-									
kW	2.02	2.06	2.13	-	2.17	2.22	2.28	-	2.30	2.35	2.42	-	2.42	2.47	2.55	-	2.52	2.57	2.65	-	2.60	2.66	2.74	-	2.60	2.66	2.74	-									
Amps	7.5	7.6	7.9	-	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.4	9.6	10.0	-	10.0	10.3	10.6	-	10.6	10.9	11.3	-	10.6	10.9	11.3	-									
Hi PR	247	266	281	-	277	298	315	-	315	339	358	-	359	386	408	-	404	434	459	-	446	480	507	-	446	480	507	-									
Lo PR	110	117	128	-	116	124	135	-	121	129	140	-	127	135	148	-	133	142	155	-	138	146	160	-	138	146	160	-									

75	875	MBh	25.4	26.1	28.3	30.3	24.8	25.5	27.6	29.6	24.2	24.9	26.9	28.9	23.6	24.3	26.3	28.2	22.4	23.1	25.0	26.8	20.8	21.4	23.1	24.8
		S/T	0.79	0.71	0.54	0.35	0.82	0.73	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
		Δ T	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	1.99	2.03	2.09	2.15	2.13	2.18	2.24	2.31	2.26	2.31	2.38	2.45	2.37	2.42	2.50	2.58	2.47	2.52	2.60	2.69	2.55	2.61	2.69	2.78
		Amps	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.2	9.4	9.8	10.1	9.8	10.1	10.4	10.8	10.4	10.7	11.0	11.5
	Hi PR	241	260	274	286	271	291	308	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516	
	Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166	
	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	0.74	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	
	Δ T	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	11	20	18	15	10	19	17	14	10	
kW	2.03	2.08	2.14	2.20	2.18	2.23	2.30	2.37	2.31	2.36	2.44	2.51	2.43	2.48	2.56	2.64	2.53	2.58	2.67	2.75	2.61	2.67	2.76	2.85		
Amps	7.5	7.7	8.0	8.3	8.1	8.3	8.6	8.9	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.4	11.8		
Hi PR	249	268	283	295	279	300	317	331	317	341	361	376	361	389	411	428	407	437	462	482	449	483	510	532		
Lo PR	111	118	129	137	117	125	136	145	122	130	141	151	128	136	149	158	134	143	156	166	139	148	161	172		
MBh	27.8	28.6	30.9	33.2	27.1	27.9	30.2	32.4	26.5	27.2	29.5	31.6	25.8	26.6	28.8	30.9	24.5	25.3	27.3	29.3	22.7	23.4	25.3	27.2		
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	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42		
Δ T	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	11	19	18	14	10	18	16	13	9		
kW	2.04	2.08	2.14	2.21	2.19	2.23	2.30	2.37	2.32	2.37	2.44	2.52	2.44	2.49	2.57	2.65	2.54	2.59	2.67	2.76	2.62	2.68	2.76	2.85		
Amps	7.5	7.7	8.0	8.3	8.2	8.4	8.6	9.0	8.9	9.1	9.4	9.8	9.5	9.7	10.1	10.5	10.1	10.4	10.7	11.2	10.8	11.0	11.4	11.8		
Hi PR	249	268	283	296	280	301	318	332	318	342	362	377	362	390	412	430	408	439	463	483	451	485	512	534		
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		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	25.8	26.4	28.2	30.1	25.2	25.8	27.5	29.4	24.6	25.1	26.9	28.7	24.0	24.5	26.2	28.0	22.8	23.3	24.9	26.6	21.1	21.6	23.1	24.7
	S/T	0.87	0.82	0.66	0.5	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.5	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.6	1.00	0.94	0.76	0.57
	Δ T	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	2.00	2.04	2.10	2.2	2.15	2.19	2.26	2.33	2.28	2.33	2.40	2.5	2.39	2.44	2.52	2.60	2.49	2.54	2.62	2.7	2.57	2.63	2.71	2.80
	Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.5	9.9	10.2	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.6
	Hi PR	244	262	277	288.7	273	294	311	324	311	335	353	368.5	354	381	402	420	398	429	453	472.1	440	474	500	522
	Lo PR	109	116	126	134.4	115	122	133	142	119	127	139	147.6	125	133	146	155	131	140	153	162.5	136	145	158	168
	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	0.85	0.69	0.5	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.5	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.6	1.00	0.97	0.79	0.59
	Δ T	22	21	18	15	22	21	19	15	22	21	19	15	23	22	19	15	22	21	19	15	20	20	17	14
kW	2.05	2.09	2.15	2.2	2.20	2.25	2.31	2.39	2.33	2.38	2.46	2.5	2.45	2.50	2.58	2.67	2.55	2.60	2.69	2.8	2.64	2.69	2.78	2.87	
Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.8	11.1	11.5	11.9	
Hi PR	251	270	285	297.7	282	303	320	334	320	345	364	379.9	365	393	415	433	411	442	467	486.7	454	488	516	538	
Lo PR	112	119	130	138.6	118	126	137	146	123	131	143	152.2	129	137	150	160	135	144	157	167.5	140	149	163	173	
MBh	28.2	28.9	30.8	33.0	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.8	28.7	30.7	25.0	25.5	27.2	29.1	23.1	23.6	25.2	27.0	
S/T	0.92	0.86	0.70	0.5	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.6	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.6	1.00	0.99	0.81	0.60	
Δ T	21	20	18	14	21	21	18	14	22	21	18	14	21	21	18	14	20	20	18	14	19	19	17	13	
kW	2.05	2.10	2.16	2.2	2.21	2.25	2.32	2.39	2.34	2.39	2.46	2.5	2.46	2.51	2.59	2.67	2.56	2.61	2.69	2.8	2.64	2.70	2.79	2.88	
Amps	7.6	7.8	8.1	8.4	8.2	8.4	8.7	9.1	9.0	9.2	9.5	9.9	9.6	9.8	10.2	10.6	10.2	10.5	10.8	11.3	10.9	11.1	11.5	12.0	
Hi PR	252	271	286	298.5	283	304	321	335	321	346	365	381.0	366	394	416	434	412	443	468	488.2	455	490	517	539	
Lo PR	112	120	131	139.0	119	126	138	147	123	131	143	152.6	130	138	151	160	136	145	158	168.0	141	149	163	174	

85	MBh	26.3	26.8	28.0	29.9	25.7	26.1	27.4	29.2	25.0	25.5	26.7	28.5	24.4	24.9	26.1	27.8	23.2	23.7	24.8	26.4	21.5	21.9	23.0	24.5
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
	Δ T	25	25	23	20	25	25	24	20	25	25	24	21	26	25	24	21	24	25	24	20	23	23	22	19
	kW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.30	2.34	2.42	2.49	2.41	2.46	2.54	2.62	2.51	2.56	2.64	2.73	2.59	2.65	2.73	2.82
	Amps	7.4	7.6	7.9	8.2	8.1	8.3	8.5	8.9	8.8	9.0	9.3	9.7	9.4	9.6	10.0	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.3	11.7
	Hi PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	445	478	505	527
	Lo PR	110	117	127	136	116	123	135	143	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	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	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	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
	Δ T	24	23	22	19	24	23	22	19	24	23	22	19	23	24	22	19	22	22	22	19	20	21	21	18
kW	2.07	2.11	2.17	2.24	2.22	2.26	2.33	2.41	2.35	2.40	2.48	2.56	2.47	2.52	2.60	2.69	2.57	2.63	2.71	2.80	2.66	2.72	2.80	2.90	
Amps	7.7	7.8	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.6	9.9	9.7	9.9	10.2	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0	
Hi PR	254	273	288	301	285	306	323	337	324	348	368	384	369	397	419	437	415	446	471	492	458	493	521	543	
Lo PR	113	120	131	140	120	127	139	148	124	132	144	154	131	139	152	161	137	146	159	169	141	151	164	175	
MBh	28.7	29.3	30.7	32.7	28.1	28.6	30.0	32.0	27.4	27.9	29.3	31.2	26.7	27.3	28.5	30.4	25.4	25.9	27.1	28.9	23.5	24.0	25.1	26.8	
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	
Δ T	23	22	21	18	23	23	21	18	22	23	21	18	22	22	21	19	21	21	21	18	19	20	20	17	
kW	2.07	2.11	2.18	2.24	2.22	2.27	2.34	2.41	2.36	2.41	2.48	2.56	2.48	2.53	2.61	2.69	2.58	2.63	2.72	2.81	2.66	2.72	2.81	2.90	
Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.7	10.3	10.6	10.9	11.4	11.0	11.2	11.6	12.1	
Hi PR	254	274	289	302	285	307	324	338	325	349	369	385	370	398	420	438	416	448	473	493	460	495	522	545	
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	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	1050	MBh	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.2	31.9	-	27.4	28.4	31.2	-	26.1	27.0	29.6	-	24.2	25.0	27.4	-
		S/T	0.68	0.56	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	-
		Δ T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
	1200	kW	2.36	2.40	2.47	-	2.52	2.57	2.65	-	2.67	2.72	2.80	-	2.79	2.85	2.94	-	2.90	2.96	3.05	-	3.00	3.06	3.15	-
		Amps	8.6	8.8	9.1	-	9.3	9.6	9.9	-	10.1	10.4	10.7	-	10.8	11.1	11.4	-	11.5	11.8	12.2	-	12.2	12.5	12.9	-
		Hi PR	232	249	263	-	260	280	295	-	295	318	336	-	337	362	382	-	379	407	430	-	418	450	475	-
	1350	Lo PR	99	105	115	-	104	111	121	-	108	115	126	-	114	121	132	-	119	127	139	-	124	131	143	-
		MBh	32.0	33.1	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	29.7	30.8	33.8	-	28.2	29.3	32.1	-	26.2	27.1	29.7	-
		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	-
	75	1050	Δ T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11
kW			2.43	2.48	2.55	-	2.60	2.65	2.73	-	2.75	2.80	2.89	-	2.88	2.94	3.03	-	2.99	3.06	3.15	-	3.09	3.16	3.25	-
Amps			9.0	9.2	9.5	-	9.7	9.9	10.2	-	10.5	10.8	11.1	-	11.2	11.5	11.9	-	11.9	12.2	12.6	-	12.6	12.9	13.4	-
1200		Hi PR	241	259	274	-	271	291	307	-	308	331	350	-	350	377	398	-	394	424	448	-	436	469	495	-
		Lo PR	103	109	119	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-
		MBh	30.0	30.9	33.4	35.9	29.3	30.2	32.7	35.1	28.6	29.5	31.9	34.2	27.9	28.7	31.1	33.4	26.5	27.3	29.6	31.7	24.6	25.3	27.4	29.4
1350		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
		Δ T	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10
		kW	2.38	2.42	2.49	2.56	2.54	2.59	2.67	2.75	2.69	2.74	2.82	2.91	2.82	2.87	2.96	3.05	2.93	2.99	3.08	3.17	3.02	3.08	3.18	3.28
75		1050	Amps	8.7	8.9	9.2	9.6	9.4	9.6	10.0	10.3	10.2	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.7	12.3	12.6	13.0
	Hi PR		234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	412	435	453	423	455	480	501
	Lo PR		100	106	116	123	105	112	122	130	110	117	127	136	115	122	134	142	121	128	140	149	125	133	145	154
	1200	MBh	32.5	33.5	36.2	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.5	37.1	30.2	31.1	33.7	36.2	28.7	29.6	32.0	34.4	26.6	27.4	29.7	31.8
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.92	0.82	0.62	0.40
		Δ T	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10
	1350	kW	2.43	2.48	2.55	2.62	2.60	2.65	2.73	2.81	2.75	2.80	2.89	2.98	2.88	2.94	3.03	3.13	2.99	3.06	3.15	3.25	3.09	3.16	3.25	3.36
		Amps	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.5	10.8	11.1	11.5	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1	12.6	12.9	13.4	13.9
		Hi PR	241	259	274	286	271	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	436	469	495	516
	1350	Lo PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
MBh		33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.3	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8	
S/T		0.84	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	
1350	Δ T	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	2.45	2.49	2.57	2.64	2.62	2.67	2.75	2.83	2.77	2.83	2.91	3.00	2.90	2.96	3.05	3.15	3.02	3.08	3.18	3.28	3.12	3.18	3.28	3.38	
	Amps	9.0	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.9	11.2	11.6	11.3	11.6	12.0	12.4	12.0	12.3	12.7	13.2	12.7	13.1	13.5	14.0	
1350	Hi PR	244	262	277	289	273	294	311	324	311	334	353	368	354	381	402	420	398	429	453	472	440	474	500	522	
	Lo PR	104	111	121	129	110	117	127	136	114	121	133	141	120	127	139	148	126	134	146	155	130	138	151	161	
	MBh	30.0	30.9	33.4	35.9	29.3	30.2	32.7	35.1	28.6	29.5	31.9	34.2	27.9	28.7	31.1	33.4	26.5	27.3	29.6	31.7	24.6	25.3	27.4	29.4	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1050	MBh	30.5	31.2	33.3	35.6	29.8	30.5	32.6	34.8	29.1	29.8	31.8	34.0	28.4	29.0	31.0	33.2	27.0	27.6	29.5	31.5	25.0	25.5	27.3	29.2
	S/T	0.84	0.79	0.64	0.5	0.87	0.82	0.67	0.50	0.90	0.84	0.68	0.5	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.5	0.97	0.91	0.74	0.55
	Δ T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
	kW	2.39	2.44	2.51	2.6	2.56	2.61	2.69	2.77	2.71	2.76	2.84	2.9	2.84	2.90	2.98	3.08	2.95	3.01	3.10	3.2	3.04	3.11	3.20	3.30
	Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.6	10.9	11.3	11.0	11.3	11.6	12.1	11.7	12.0	12.4	12.9	12.4	12.7	13.1	13.6
	Hi PR	236	254	268	280.0	265	285	301	314	302	324	343	357.4	343	370	390	407	386	416	439	457.9	427	459	485	506
	Lo PR	101	107	117	124.7	106	113	124	132	111	118	129	136.9	116	124	135	144	122	130	142	150.7	126	134	146	156
	MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	30.8	31.4	33.6	35.9	29.2	29.9	31.9	34.1	27.1	27.7	29.6	31.6
	S/T	0.87	0.82	0.67	0.5	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.6	1.00	0.94	0.77	0.57
	Δ T	22	21	18	15	22	21	19	15	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14
kW	2.45	2.49	2.57	2.6	2.62	2.67	2.75	2.83	2.77	2.83	2.91	3.0	2.90	2.96	3.05	3.15	3.02	3.08	3.18	3.3	3.12	3.18	3.28	3.39	
Amps	9.0	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.9	11.2	11.6	11.3	11.6	12.0	12.4	12.0	12.3	12.7	13.2	12.7	13.1	13.5	14.0	
Hi PR	244	262	277	288.7	273	294	311	324	311	334	353	368.4	354	381	402	420	398	429	453	472.0	440	474	500	522	
Lo PR	104	111	121	128.5	110	117	128	136	114	121	133	141.1	120	128	139	148	126	134	146	155.4	130	138	151	161	
MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.5	32.6	
S/T	0.92	0.86	0.70	0.5	0.95	0.89	0.73	0.54	1.00	0.91	0.74	0.6	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.6	1.00	1.00	0.80	0.60	
Δ T	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	14	21	21	18	14	19	19	17	13	
kW	2.46	2.51	2.59	2.7	2.64	2.69	2.77	2.85	2.79	2.85	2.93	3.0	2.93	2.99	3.08	3.17	3.04	3.10	3.20	3.3	3.14	3.21	3.31	3.41	
Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.7	12.1	12.5	12.1	12.4	12.9	13.3	12.9	13.2	13.6	14.1	
Hi PR	246	265	280	291.6	276	297	314	327	314	338	357	372.1	358	385	406	424	402	433	457	476.8	444	478	505	527	
Lo PR	105	112	122	129.8	111	118	129	137	115	123	134	142.5	121	129	141	150	127	135	147	156.9	131	140	152	162	

1050	MBh	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.6	29.6	30.2	31.6	33.7	28.9	29.5	30.9	32.9	27.5	28.0	29.3	31.3	25.4	25.9	27.2	29.0
	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	0.68	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.72
	Δ T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	24	19	22	22	21	18
	kW	2.41	2.46	2.53	2.60	2.58	2.63	2.71	2.79	2.73	2.78	2.87	2.95	2.86	2.92	3.01	3.10	2.97	3.03	3.13	3.22	3.07	3.13	3.23	3.33
	Amps	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.7	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0	12.5	12.8	13.2	13.7
	Hi PR	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511
	Lo PR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157
	MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.6	31.3	31.9	33.4	35.7	29.7	30.3	31.8	33.9	27.6	28.1	29.4	31.4
	S/T	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	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	0.74
	Δ T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	23	22	19	21	22	21	18
kW	2.46	2.51	2.59	2.66	2.64	2.69	2.77	2.85	2.79	2.85	2.93	3.02	2.93	2.99	3.08	3.17	3.04	3.10	3.20	3.30	3.14	3.21	3.31	3.41	
Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.7	12.1	12.5	12.1	12.4	12.9	13.3	12.9	13.2	13.6	14.1	
Hi PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527	
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162	
MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.7	32.3	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3	
S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
Δ T	23	22	21	18	23	23	21	18	23	23	21	19	22	22	22	19	21	21	21	18	19	20	20	17	
kW	2.48	2.53	2.60	2.68	2.66	2.71	2.79	2.88	2.81	2.87	2.96	3.05	2.95	3.01	3.10	3.20	3.07	3.13	3.23	3.33	3.17	3.23	3.33	3.44	
Amps	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.5	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.3	
Hi PR	248	267	282	294	279	300	317	330	317	341	360	376	361	389	410	428	406	437	462	482	449	483	510	532	
Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	158	133	141	154	164	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-
	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	-
	Δ T	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
	kW	2.81	2.86	2.94	-	3.00	3.06	3.15	-	3.17	3.24	3.33	-	3.33	3.39	3.50	-	3.45	3.53	3.63	-	3.57	3.64	3.75	-
	Amps	10.3	10.6	10.9	-	11.1	11.4	11.8	-	12.1	12.4	12.8	-	12.9	13.2	13.7	-	13.7	14.1	14.5	-	14.5	14.9	15.4	-
	Hi PR	220	237	250	-	247	266	281	-	281	302	319	-	320	344	363	-	360	387	409	-	398	428	452	-
	Lo PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	147	-
	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
	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	-	0.86	0.71	0.49	-	0.86	0.72	0.50	-
	Δ T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
kW	2.87	2.92	3.01	-	3.07	3.13	3.22	-	3.25	3.31	3.41	-	3.40	3.47	3.58	-	3.54	3.61	3.72	-	3.65	3.73	3.84	-	
Amps	10.6	10.9	11.2	-	11.5	11.7	12.1	-	12.4	12.7	13.1	-	13.3	13.6	14.0	-	14.1	14.5	14.9	-	15.0	15.3	15.8	-	
Hi PR	227	244	258	-	255	274	289	-	289	312	329	-	330	355	375	-	371	399	421	-	410	441	466	-	
Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-	
MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-	
S/T	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.48	-	0.86	0.72	0.50	-	0.90	0.75	0.52	-	0.90	0.76	0.52	-	
Δ T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
kW	2.89	2.94	3.03	-	3.09	3.15	3.25	-	3.27	3.34	3.44	-	3.43	3.50	3.61	-	3.56	3.64	3.75	-	3.68	3.76	3.87	-	
Amps	10.7	11.0	11.3	-	11.6	11.8	12.2	-	12.5	12.8	13.3	-	13.4	13.7	14.2	-	14.2	14.6	15.1	-	15.1	15.5	16.0	-	
Hi PR	229	247	260	-	257	277	292	-	292	315	332	-	333	358	378	-	375	403	426	-	414	445	470	-	
Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	148	-	131	140	153	-	

75	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	34.2	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0
	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	0.95	0.85	0.64	0.41
	Δ T	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	kW	2.83	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.46	3.35	3.42	3.52	3.63	3.48	3.55	3.66	3.78	3.59	3.67	3.78	3.90
	Amps	10.4	10.7	11.0	11.4	11.2	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.0	15.5	16.1
	Hi PR	222	239	253	263	249	268	283	296	284	305	322	336	323	348	367	383	363	391	413	431	402	432	456	476
	Lo PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	137	145	123	131	143	152	127	136	148	158
	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.91	0.81	0.61	0.40	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
	Δ T	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	2.89	2.95	3.03	3.12	3.09	3.15	3.25	3.35	3.27	3.34	3.44	3.54	3.43	3.50	3.61	3.72	3.57	3.64	3.75	3.87	3.68	3.76	3.88	4.00	
Amps	10.7	11.0	11.3	11.7	11.6	11.8	12.2	12.7	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.7	14.3	14.6	15.1	15.7	15.1	15.5	16.0	16.6	
Hi PR	229	247	260	272	257	277	292	305	292	315	332	347	333	358	378	395	375	403	426	444	414	446	470	491	
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163	
MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0	
S/T	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.92	0.70	0.45	
Δ T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	19	18	15	10	
kW	2.91	2.97	3.05	3.14	3.12	3.18	3.27	3.37	3.30	3.36	3.47	3.57	3.46	3.53	3.64	3.75	3.59	3.67	3.78	3.90	3.71	3.79	3.91	4.03	
Amps	10.8	11.1	11.4	11.8	11.7	11.9	12.3	12.8	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.4	14.7	15.2	15.8	15.2	15.6	16.1	16.7	
Hi PR	231	249	263	274	260	279	295	308	295	318	336	350	336	362	382	399	378	407	430	449	418	450	475	496	
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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		ENTERING INDOOR WET BULB TEMPERATURE																								
MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7		
S/T	0.90	0.85	0.69	0.5	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.5	0.99	0.93	0.76	0.57	1.03	0.96	0.78	0.6	1.04	0.97	0.79	0.59		
Δ T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15		
kW	2.85	2.90	2.98	3.1	3.05	3.11	3.20	3.29	3.22	3.29	3.39	3.5	3.38	3.45	3.55	3.66	3.51	3.58	3.69	3.8	3.62	3.70	3.81	3.93		
Amps	10.5	10.8	11.1	11.5	11.4	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.2	13.5	13.9	14.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3		
Hi PR	225	242	255	266.1	252	271	286	299	287	308	326	339.6	326	351	371	387	367	395	417	435.1	406	437	461	481		
Lo PR	103	110	120	127.4	109	116	126	135	113	120	131	139.8	119	126	138	147	124	132	145	154.0	129	137	150	159		
80		MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		S/T	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.6	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.6	1.00	1.00	0.82	0.61
		Δ T	24	23	20	16	25	23	20	16	25	24	20	16	24	24	21	16	23	23	20	16	21	22	19	15
		kW	2.91	2.97	3.05	3.1	3.12	3.18	3.27	3.37	3.30	3.36	3.47	3.6	3.46	3.53	3.64	3.75	3.59	3.67	3.78	3.9	3.71	3.79	3.91	4.03
Amps	10.8	11.1	11.4	11.8	11.7	11.9	12.3	12.8	12.7	13.0	13.4	13.9	13.5	13.9	14.3	14.8	14.4	14.7	15.2	15.8	15.2	15.6	16.1	16.7		
Hi PR	231	249	263	274.3	260	279	295	308	295	318	336	350.1	336	362	382	399	378	407	430	448.6	418	450	475	496		
Lo PR	106	113	123	131.3	112	119	130	139	117	124	135	144.2	122	130	142	151	128	137	149	158.7	133	141	154	164		
1575		MBh	40.6	41.5	44.3	47.3	39.6	40.5	43.3	46.2	38.7	39.5	42.2	45.1	37.7	38.6	41.2	44.0	35.9	36.6	39.1	41.8	33.2	33.9	36.3	38.8
		S/T	1.00	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.6	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.6	1.00	1.00	0.86	0.64
		Δ T	24	22	19	15	23	23	20	16	23	23	20	16	22	23	20	16	21	21	19	16	19	20	18	15
		kW	2.93	2.99	3.08	3.2	3.14	3.20	3.30	3.40	3.32	3.39	3.49	3.6	3.48	3.56	3.66	3.78	3.62	3.70	3.81	3.9	3.74	3.82	3.94	4.06
Amps	10.9	11.2	11.5	11.9	11.8	12.0	12.4	12.9	12.8	13.1	13.5	14.0	13.6	14.0	14.4	15.0	14.5	14.9	15.4	15.9	15.4	15.7	16.3	16.9		
Hi PR	234	252	266	277.1	262	282	298	311	298	321	339	353.6	340	366	386	403	382	411	434	453.1	422	455	480	501		
Lo PR	107	114	125	132.6	113	121	132	140	118	125	137	145.6	124	132	144	153	130	138	151	160.3	134	143	156	166		

1225		MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5
		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
		Δ T	26	26	24	21	27	26	25	21	26	26	25	21	26	26	25	22	25	25	25	21	23	23	23	20
		kW	2.87	2.92	3.01	3.10	3.07	3.13	3.22	3.32	3.25	3.31	3.41	3.52	3.40	3.47	3.58	3.69	3.54	3.61	3.72	3.84	3.65	3.73	3.84	3.97
1400		Amps	10.6	10.9	11.2	11.6	11.5	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.3	13.6	14.0	14.6	14.1	14.5	14.9	15.5	14.9	15.3	15.8	16.4
		Hi PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486
		Lo PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161
		MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
1575		S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
		Δ T	26	25	24	21	26	26	24	21	25	26	24	21	24	25	25	21	23	24	24	21	22	22	23	20
		kW	2.93	2.99	3.08	3.17	3.14	3.20	3.30	3.40	3.32	3.39	3.49	3.60	3.48	3.56	3.66	3.78	3.62	3.70	3.81	3.93	3.74	3.82	3.94	4.06
		Amps	10.9	11.2	11.5	11.9	11.8	12.0	12.4	12.9	12.8	13.1	13.5	14.0	13.6	14.0	14.4	15.0	14.5	14.9	15.4	15.9	15.4	15.7	16.3	16.9
Hi PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	455	480	501		
Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166		
85		MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5
		S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.83
		Δ T	24	24	23	20	24	24	23	20	23	23	23	20	22	23	24	20	21	22	23	20	20	20	21	19
		kW	2.95	3.01	3.10	3.19	3.16	3.23	3.32	3.42	3.35	3.42	3.52	3.63	3.51	3.58	3.69	3.81	3.65	3.73	3.84	3.96	3.77	3.85	3.97	4.10
1575		Amps	11.0	11.3	11.6	12.0	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	13.8	14.1	14.6	15.1	14.6	15.0	15.5	16.1	15.5	15.9	16.4	17.1
		Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506
		Lo PR	108	115	126	134	114	122	133	142	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
				Shaded area reflects AHRI conditions																						

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	0.71	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	-
	Δ T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
	kW	3.22	3.28	3.37	-	3.44	3.51	3.62	-	3.64	3.72	3.83	-	3.82	3.90	4.02	-	3.97	4.05	4.18	-	4.10	4.19	4.32	-
	Amps	11.8	12.1	12.5	-	12.8	13.1	13.5	-	13.9	14.2	14.7	-	14.8	15.2	15.7	-	15.8	16.2	16.7	-	16.7	17.1	17.7	-
	Hi PR	242	260	275	-	271	292	308	-	308	332	351	-	351	378	399	-	395	425	449	-	437	470	496	-
	Lo PR	104	110	120	-	110	117	127	-	114	121	132	-	120	127	139	-	125	133	146	-	130	138	151	-
	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	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	Δ T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
kW	3.29	3.35	3.45	-	3.52	3.59	3.70	-	3.73	3.80	3.92	-	3.91	3.99	4.12	-	4.07	4.15	4.28	-	4.20	4.29	4.42	-	
Amps	12.2	12.5	12.9	-	13.1	13.5	13.9	-	14.3	14.6	15.1	-	15.3	15.6	16.2	-	16.2	16.6	17.2	-	17.2	17.6	18.2	-	
Hi PR	249	268	283	-	280	301	318	-	318	342	361	-	362	390	412	-	407	439	463	-	450	485	512	-	
Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	
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	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-	
Δ T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	3.31	3.38	3.48	-	3.55	3.62	3.73	-	3.76	3.83	3.95	-	3.94	4.02	4.15	-	4.10	4.18	4.32	-	4.23	4.32	4.46	-	
Amps	12.3	12.6	13.0	-	13.3	13.6	14.0	-	14.4	14.8	15.3	-	15.4	15.8	16.3	-	16.4	16.8	17.4	-	17.4	17.8	18.4	-	
Hi PR	252	271	286	-	282	304	321	-	321	346	365	-	366	394	416	-	412	443	468	-	455	489	517	-	
Lo PR	108	115	125	-	114	121	132	-	119	126	138	-	125	132	145	-	130	139	152	-	135	144	157	-	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
75	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	0.80	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
	Δ T	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	3.24	3.30	3.40	3.50	3.47	3.54	3.64	3.75	3.67	3.75	3.86	3.98	3.85	3.93	4.05	4.18	4.00	4.09	4.21	4.35	4.13	4.22	4.35	4.49
	Amps	11.9	12.2	12.6	13.1	12.9	13.2	13.7	14.2	14.0	14.4	14.8	15.4	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.5	16.9	17.3	17.9	18.6
	Hi PR	244	263	277	289	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523
	Lo PR	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	149	127	135	147	157	131	139	152	162
	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	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	Δ T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
kW	3.31	3.38	3.48	3.58	3.55	3.62	3.73	3.84	3.76	3.83	3.95	4.08	3.94	4.02	4.15	4.28	4.10	4.18	4.32	4.45	4.23	4.32	4.46	4.60	
Amps	12.3	12.6	13.0	13.5	13.3	13.6	14.0	14.6	14.4	14.8	15.3	15.8	15.4	15.8	16.3	16.9	16.4	16.8	17.4	18.0	17.4	17.8	18.4	19.1	
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	108	115	125	134	114	121	132	141	119	126	138	147	125	132	145	154	131	139	152	161	135	144	157	167	
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	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44	
Δ T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10	
kW	3.34	3.40	3.50	3.61	3.58	3.65	3.76	3.87	3.79	3.86	3.98	4.11	3.97	4.06	4.18	4.31	4.13	4.22	4.35	4.49	4.27	4.36	4.50	4.64	
Amps	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.5	14.9	15.4	16.0	15.6	15.9	16.5	17.1	16.6	17.0	17.5	18.2	17.5	18.0	18.6	19.3	
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	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	

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

Shaded area reflects ACCA (TVA) conditions

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	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	0.88	0.83	0.67	0.5	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.6	1.01	0.95	0.77	0.58
		Δ T	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		kW	3.26	3.33	3.42	3.5	3.49	3.56	3.67	3.78	3.79	3.77	3.89	4.0	3.88	3.96	4.08	4.21	4.03	4.12	4.25	4.4	4.17	4.25	4.39	4.53
		Amps	12.1	12.3	12.7	13.2	13.0	13.3	13.8	14.3	14.2	14.5	15.0	15.5	15.1	15.5	16.0	16.6	16.1	16.5	17.0	17.7	17.1	17.5	18.1	18.8
		Hi PR	247	265	280	292.3	277	298	315	328	315	339	358	373.1	359	386	407	425	403	434	458	478.0	446	480	506	528
	Lo PR	106	113	123	130.9	112	119	130	138	116	124	135	143.7	122	130	142	151	128	136	149	158.2	132	141	154	164	
	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	0.91	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.6	1.00	0.94	0.77	0.57	1.00	0.98	0.79	0.6	1.00	0.98	0.80	0.60
		Δ T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	21	21	19	15
		kW	3.34	3.40	3.50	3.6	3.58	3.65	3.76	3.87	3.79	3.86	3.98	4.1	3.97	4.06	4.18	4.31	4.13	4.22	4.35	4.5	4.27	4.36	4.50	4.64
		Amps	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.6	14.9	15.4	16.0	15.6	15.9	16.5	17.1	16.6	17.0	17.5	18.2	17.5	18.0	18.6	19.3
Hi PR		254	274	289	301.4	285	307	324	338	325	349	369	384.6	370	398	420	438	416	447	473	492.8	459	494	522	545	
Lo PR	109	116	127	134.9	115	123	134	143	120	127	139	148.1	126	134	146	156	132	140	153	163.1	136	145	158	169		
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	0.96	0.90	0.73	0.5	1.00	0.93	0.76	0.57	1.00	0.95	0.78	0.6	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.6	1.00	1.00	0.84	0.63	
	Δ T	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	16	21	22	19	15	20	20	18	14	
	kW	3.36	3.43	3.53	3.6	3.60	3.68	3.79	3.90	3.82	3.89	4.01	4.1	4.00	4.09	4.21	4.35	4.16	4.25	4.39	4.5	4.30	4.39	4.53	4.68	
	Amps	12.5	12.8	13.2	13.7	13.5	13.8	14.3	14.8	14.7	15.0	15.5	16.1	15.7	16.1	16.6	17.2	16.7	17.1	17.7	18.4	17.7	18.1	18.8	19.5	
	Hi PR	257	276	292	304.4	288	310	327	342	328	353	372	388.5	373	402	424	442	420	452	477	497.7	464	499	527	550	
Lo PR	110	117	128	136.3	116	124	135	144	121	129	140	149.6	127	135	148	157	133	142	155	164.7	138	147	160	170		

85	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	0.92	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	
		Δ T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	25	25	24	21	23	23	20	20
		kW	3.29	3.35	3.45	3.55	3.52	3.59	3.70	3.81	3.73	3.80	3.92	4.04	3.91	3.99	4.11	4.24	4.07	4.15	4.28	4.42	4.20	4.29	4.42	4.56	
		Amps	12.2	12.5	12.9	13.3	13.1	13.5	13.9	14.4	14.3	14.6	15.1	15.7	15.3	15.6	16.2	16.8	16.2	16.6	17.2	17.9	17.2	17.6	18.2	18.9	
		Hi PR	249	268	283	295	280	301	318	331	318	342	361	377	362	390	411	429	407	438	463	483	450	484	511	533	
	Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165		
	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	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
		Δ T	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	21	22	22	22	19	
		kW	3.36	3.43	3.53	3.64	3.60	3.68	3.79	3.90	3.82	3.89	4.01	4.14	4.00	4.09	4.21	4.35	4.16	4.25	4.39	4.53	4.30	4.39	4.53	4.68	
		Amps	12.5	12.8	13.2	13.7	13.5	13.8	14.3	14.8	14.7	15.0	15.5	16.1	15.7	16.1	16.6	17.2	16.7	17.1	17.7	18.4	17.7	18.1	18.8	19.5	
Hi PR		257	276	292	304	288	310	327	342	328	353	372	388	373	402	424	442	420	452	477	498	464	499	527	550		
Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	147	160	170			
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	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.81	1.00	1.00	0.96	0.81		
	Δ T	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	21	20	20	18		
	kW	3.39	3.45	3.56	3.66	3.63	3.70	3.82	3.93	3.85	3.93	4.05	4.17	4.04	4.12	4.25	4.38	4.20	4.29	4.42	4.56	4.34	4.43	4.57	4.72		
	Amps	12.6	12.9	13.3	13.8	13.6	14.0	14.4	15.0	14.8	15.2	15.7	16.3	15.8	16.2	16.8	17.4	16.9	17.3	17.9	18.5	17.9	18.3	18.9	19.7		
	Hi PR	259	279	295	307	291	313	331	345	331	356	376	392	377	406	428	447	424	456	482	503	469	504	533	555		
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			

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	
	Δ T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
	kW	4.03	4.11	4.24	-	4.33	4.42	4.56	-	4.60	4.70	4.85	-	4.83	4.94	5.10	-	5.03	5.14	5.31	-	5.21	5.32	5.49	-	
	Amps	15.2	15.6	16.1	-	16.5	16.9	17.5	-	18.0	18.4	19.0	-	19.2	19.7	20.4	-	20.5	21.0	21.7	-	21.7	22.3	23.0	-	
	Hi PR	259	279	294	-	291	313	330	-	331	356	376	-	376	405	428	-	423	456	481	-	468	504	532	-	
	Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	
	Δ T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
	kW	4.03	4.11	4.24	-	4.33	4.42	4.56	-	4.60	4.70	4.85	-	4.83	4.94	5.10	-	5.03	5.14	5.31	-	5.21	5.32	5.49	-	
	Amps	15.2	15.6	16.1	-	16.5	16.9	17.5	-	18.0	18.4	19.0	-	19.2	19.7	20.4	-	20.5	21.0	21.7	-	21.7	22.3	23.0	-	
Hi PR	259	279	294	-	291	313	330	-	331	356	376	-	376	405	428	-	423	456	481	-	468	504	532	-		
Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-		
2250	MBh	56.1	58.2	63.7	-	54.8	56.8	62.3	-	53.5	55.5	60.8	-	52.2	54.1	59.3	-	49.6	51.4	56.3	-	45.9	47.6	52.2	-	
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	Δ T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	
	kW	4.09	4.18	4.31	-	4.40	4.49	4.63	-	4.67	4.77	4.92	-	4.91	5.02	5.18	-	5.12	5.23	5.40	-	5.29	5.41	5.58	-	
	Amps	15.5	15.9	16.4	-	16.8	17.2	17.8	-	18.3	18.8	19.4	-	19.6	20.1	20.8	-	20.9	21.4	22.1	-	22.1	22.7	23.5	-	
	Hi PR	264	284	300	-	296	319	337	-	337	363	383	-	384	413	436	-	432	465	491	-	477	514	542	-	
	Lo PR	107	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	
	75	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		Δ T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
		kW	4.06	4.15	4.27	4.41	4.37	4.46	4.60	4.75	4.64	4.74	4.89	5.04	4.87	4.98	5.14	5.31	5.07	5.19	5.35	5.53	5.25	5.36	5.54	5.72
		Amps	15.4	15.8	16.3	16.9	16.7	17.1	17.6	18.3	18.1	18.6	19.2	20.0	19.4	19.9	20.6	21.4	20.7	21.2	21.9	22.8	21.9	22.5	23.3	24.2
Hi PR		262	282	297	310	294	316	334	348	334	359	379	396	380	409	432	451	428	460	486	507	473	509	537	560	
Lo PR		106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	
MBh		55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0	
S/T		0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39	
Δ T		23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	
kW		4.06	4.15	4.27	4.41	4.37	4.46	4.60	4.75	4.64	4.74	4.89	5.04	4.87	4.98	5.14	5.31	5.07	5.19	5.35	5.53	5.25	5.36	5.54	5.72	
Amps		15.4	15.8	16.3	16.9	16.7	17.1	17.6	18.3	18.1	18.6	19.2	20.0	19.4	19.9	20.6	21.4	20.7	21.2	21.9	22.8	21.9	22.5	23.3	24.2	
Hi PR	262	282	297	310	294	316	334	348	334	359	379	396	380	409	432	451	428	460	486	507	473	509	537	560		
Lo PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165		
2250	MBh	57.1	58.8	63.6	68.3	55.8	57.4	62.1	66.7	54.4	56.0	60.7	65.1	53.1	54.7	59.2	63.5	50.4	51.9	56.2	60.3	46.7	48.1	52.1	55.9	
	S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
	Δ T	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	4.13	4.21	4.34	4.48	4.44	4.53	4.67	4.82	4.71	4.81	4.97	5.13	4.95	5.06	5.22	5.40	5.16	5.27	5.44	5.62	5.34	5.45	5.63	5.82	
	Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.3	23.2	22.4	22.9	23.7	24.6	
	Hi PR	267	287	303	316	299	322	340	355	341	366	387	404	388	417	441	460	436	470	496	517	482	519	548	571	
	Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
	S/T	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.57
	Δ T	25	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
	kW	4.09	4.18	4.31	4.4	4.40	4.49	4.64	4.78	4.67	4.77	4.93	5.1	4.91	5.02	5.18	5.35	5.12	5.23	5.40	5.6	5.29	5.41	5.59	5.77
	Amps	15.5	15.9	16.4	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.1	19.6	20.1	20.8	21.6	20.9	21.4	22.1	23.0	22.2	22.7	23.5	24.4
	Hi PR	264	284	300	313.2	297	319	337	351	337	363	383	399.7	384	413	437	455	432	465	491	512.2	477	514	543	566
	Lo PR	107	114	125	133.0	114	121	132	140	118	126	137	146.0	124	132	144	153	130	138	151	160.7	134	143	156	166
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
	S/T	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.57
	Δ T	25	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
kW	4.09	4.18	4.31	4.4	4.40	4.49	4.64	4.78	4.67	4.77	4.93	5.1	4.91	5.02	5.18	5.35	5.12	5.23	5.40	5.6	5.29	5.41	5.59	5.77	
Amps	15.5	15.9	16.4	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.1	19.6	20.1	20.8	21.6	20.9	21.4	22.1	23.0	22.2	22.7	23.5	24.4	
Hi PR	264	284	300	313.2	297	319	337	351	337	363	383	399.7	384	413	437	455	432	465	491	512.2	477	514	543	566	
Lo PR	107	114	125	133.0	114	121	132	140	118	126	137	146.0	124	132	144	153	130	138	151	160.7	134	143	156	166	
MBh	58.1	59.4	63.4	67.8	56.7	58.0	61.9	66.2	55.4	56.6	60.5	64.6	54.0	55.2	59.0	63.1	51.3	52.5	56.0	59.9	47.6	48.6	51.9	55.5	
S/T	0.92	0.86	0.70	0.5	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.6	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.6	1.00	1.00	0.81	0.60	
Δ T	22	21	18	15	22	21	18	15	23	21	18	15	22	21	19	15	21	21	18	15	19	20	17	14	
kW	4.16	4.24	4.38	4.5	4.47	4.57	4.71	4.86	4.75	4.85	5.01	5.2	4.99	5.10	5.27	5.44	5.20	5.32	5.49	5.7	5.38	5.50	5.68	5.87	
Amps	15.8	16.2	16.7	17.4	17.1	17.6	18.1	18.8	18.6	19.1	19.8	20.5	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.4	22.6	23.1	23.9	24.9	
Hi PR	270	290	306	319.5	302	326	344	358	344	370	391	407.7	392	422	445	464	441	474	501	522.4	487	524	553	577	
Lo PR	110	117	127	135.6	116	123	135	143	120	128	140	148.9	126	135	147	156	133	141	154	163.9	137	146	159	170	

85	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
	Δ T	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	4.13	4.21	4.34	4.48	4.44	4.53	4.67	4.82	4.71	4.81	4.97	5.13	4.95	5.06	5.22	5.40	5.16	5.27	5.44	5.63	5.34	5.45	5.63	5.82
	Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.3	23.2	22.4	22.9	23.7	24.6
	Hi PR	267	287	303	316	300	322	340	355	341	367	387	404	388	417	441	460	436	470	496	517	482	519	548	572
	Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
	Δ T	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	4.13	4.21	4.34	4.48	4.44	4.53	4.67	4.82	4.71	4.81	4.97	5.13	4.95	5.06	5.22	5.40	5.16	5.27	5.44	5.63	5.34	5.45	5.63	5.82	
Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.3	23.2	22.4	22.9	23.7	24.6	
Hi PR	267	287	303	316	300	322	340	355	341	367	387	404	388	417	441	460	436	470	496	517	482	519	548	572	
Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	
MBh	59.1	60.3	63.1	67.3	57.7	58.8	61.6	65.8	56.4	57.4	60.2	64.2	55.0	56.0	58.7	62.6	52.2	53.2	55.8	59.5	48.4	49.3	51.7	55.1	
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	0.77	1.00	1.00	0.96	0.78	
Δ T	23	23	22	19	24	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18	
kW	4.19	4.28	4.41	4.55	4.51	4.60	4.75	4.90	4.79	4.89	5.05	5.21	5.03	5.14	5.31	5.49	5.24	5.36	5.53	5.72	5.42	5.55	5.73	5.92	
Amps	16.0	16.4	16.9	17.5	17.3	17.7	18.3	19.0	18.8	19.3	19.9	20.7	20.1	20.7	21.4	22.2	21.5	22.0	22.8	23.7	22.8	23.4	24.2	25.1	
Hi PR	272	293	309	323	305	329	347	362	347	374	395	412	396	426	450	469	445	479	506	528	492	529	559	583	
Lo PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65°F				75°F				85°F				95°F				105°F				115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-				
	S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-				
	Δ T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	20	16	12	-				
	kW	4.00	4.08	4.21	-	4.31	4.40	4.54	-	4.58	4.68	4.84	-	4.82	4.93	5.09	-	5.03	5.14	5.31	-	5.20	5.32	5.50	-				
	Amps	15.5	15.9	16.4	-	16.8	17.2	17.8	-	18.3	18.8	19.4	-	19.6	20.1	20.8	-	20.9	21.4	22.2	-	22.2	22.7	23.5	-				
	Hi PR	249	268	283	-	280	301	318	-	318	342	362	-	362	390	412	-	408	439	463	-	451	485	512	-				
	Lo PR	100	106	116	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	125	132	145	-				
	MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-				
	S/T	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.75	0.62	0.43	-				
	Δ T	21	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	20	17	13	-				
kW	3.97	4.05	4.18	-	4.27	4.37	4.51	-	4.54	4.64	4.80	-	4.78	4.89	5.05	-	4.99	5.10	5.27	-	5.16	5.28	5.45	-					
Amps	15.4	15.8	16.3	-	16.7	17.1	17.7	-	18.1	18.6	19.2	-	19.4	19.9	20.6	-	20.7	21.2	22.0	-	22.0	22.5	23.3	-					
Hi PR	247	266	281	-	277	298	315	-	315	339	358	-	359	386	408	-	404	434	459	-	446	480	507	-					
Lo PR	99	105	115	-	104	111	121	-	108	115	126	-	114	121	132	-	119	127	138	-	123	131	143	-					
MBh	55.6	57.7	63.2	-	54.3	56.3	61.7	-	53.0	55.0	60.2	-	51.8	53.6	58.8	-	49.2	51.0	55.8	-	45.5	47.2	51.7	-					
S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-					
Δ T	16	14	10	-	16	14	10	-	16	14	10	-	16	14	11	-	16	14	10	-	15	13	10	-					
kW	4.03	4.12	4.25	-	4.34	4.44	4.58	-	4.62	4.72	4.88	-	4.86	4.97	5.13	-	5.07	5.18	5.36	-	5.25	5.37	5.55	-					
Amps	15.7	16.1	16.6	-	17.0	17.4	18.0	-	18.5	19.0	19.6	-	19.8	20.3	21.0	-	21.1	21.6	22.4	-	22.4	23.0	23.7	-					
Hi PR	252	271	286	-	283	304	321	-	321	346	365	-	366	394	416	-	412	443	468	-	455	490	517	-					
Lo PR	101	107	117	-	106	113	123	-	110	118	128	-	116	123	135	-	122	129	141	-	126	134	146	-					

75	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1
	S/T	0.78	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
	Δ T	23	21	17	12	23	21	18	12	23	21	18	12	23	21	18	12	23	21	17	12	22	20	16	11
	kW	4.03	4.12	4.25	4.39	4.34	4.44	4.58	4.73	4.62	4.72	4.88	5.04	4.86	4.97	5.14	5.31	5.07	5.18	5.36	5.54	5.25	5.37	5.55	5.74
	Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	19.0	19.6	20.4	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.3	22.4	23.0	23.8	24.7
	Hi PR	252	271	286	299	283	304	321	335	321	346	365	381	366	394	416	434	412	443	468	488	455	490	517	539
	Lo PR	101	107	117	124	106	113	123	131	110	118	128	137	116	123	135	144	122	129	141	150	126	134	146	156
	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5
	S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.33	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.85	0.76	0.57	0.37
	Δ T	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	18	12
kW	4.00	4.09	4.21	4.35	4.31	4.40	4.54	4.69	4.58	4.68	4.84	5.00	4.82	4.93	5.09	5.26	5.03	5.14	5.31	5.49	5.20	5.32	5.50	5.69	
Amps	15.5	15.9	16.5	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.2	19.6	20.1	20.8	21.6	20.9	21.4	22.2	23.0	22.2	22.7	23.5	24.4	
Hi PR	249	268	283	296	280	301	318	332	318	343	362	377	363	390	412	430	408	439	463	483	451	485	512	534	
Lo PR	100	106	116	123	105	112	122	130	109	116	127	135	115	122	133	142	120	128	140	149	125	133	145	154	
MBh	56.6	58.3	63.1	67.7	55.3	56.9	61.6	66.1	53.9	55.5	60.1	64.5	52.6	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4	
S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
Δ T	18	17	14	9	18	17	14	10	18	17	14	10	19	17	14	10	18	17	14	10	17	16	13	9	
kW	4.06	4.15	4.28	4.42	4.38	4.47	4.62	4.77	4.66	4.76	4.92	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.79	
Amps	15.8	16.2	16.8	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.6	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9	
Hi PR	254	274	289	302	285	307	324	338	325	349	369	385	370	398	420	438	416	448	473	493	460	495	522	545	
Lo PR	102	108	118	126	107	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157	

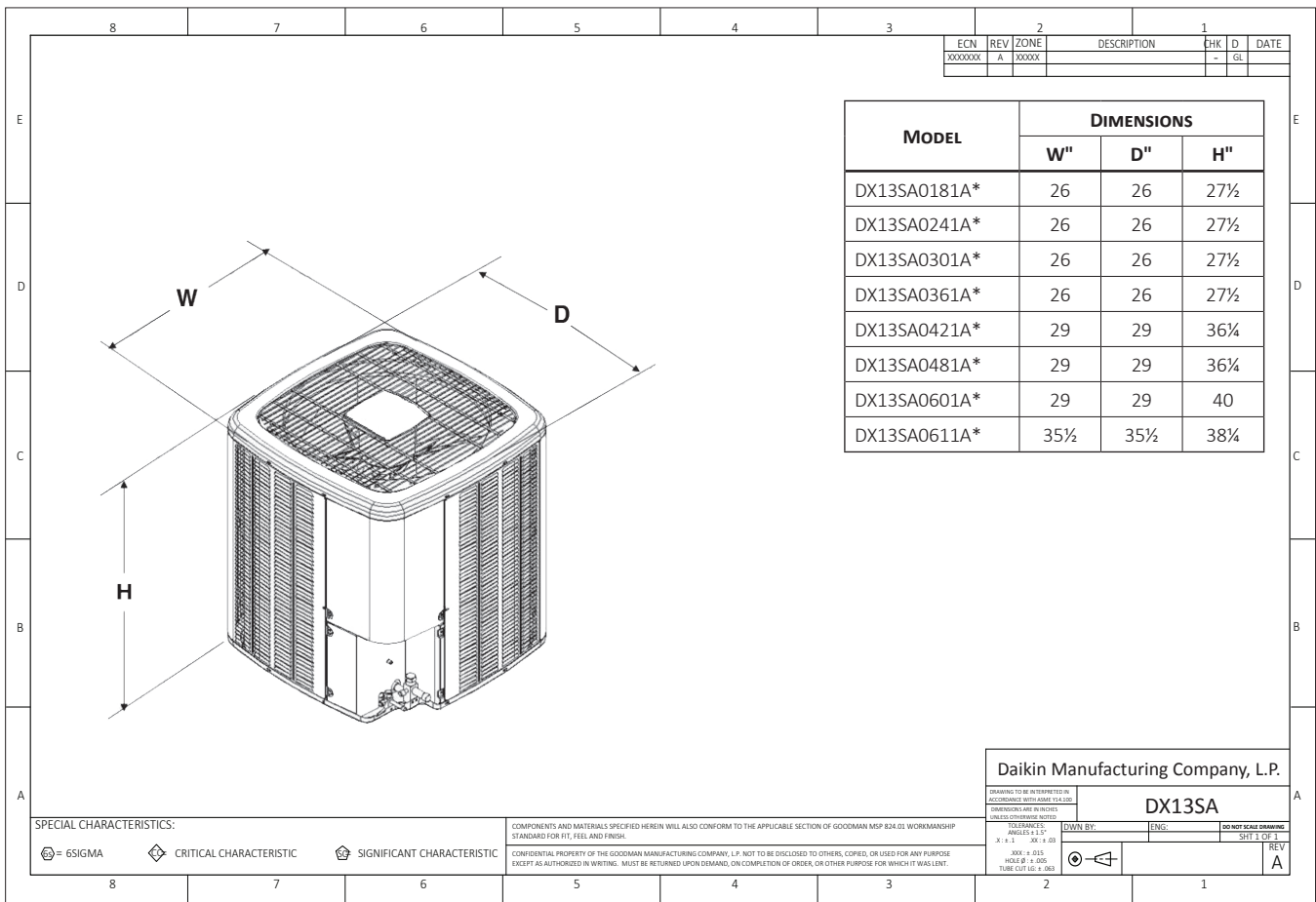
IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		ENTERING INDOOR WET BULB TEMPERATURE																							
	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7
	S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.5	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.6	1.00	0.92	0.75	0.56
	Δ T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	25	23	20	16
1750	kW	4.06	4.15	4.28	4.4	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.1	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.6	5.29	5.41	5.59	5.79
	Amps	15.8	16.2	16.8	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.6	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9
	Hi PR	254	274	289	301.6	286	307	324	338	325	349	369	384.9	370	398	420	438	416	448	473	493.1	460	495	522	545
	Lo PR	102	108	118	125.7	107	114	125	133	112	119	130	138.0	117	125	136	145	123	131	143	152.0	127	135	148	157
80	MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2
	S/T	0.81	0.76	0.62	0.5	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.5	0.89	0.83	0.68	0.51	0.92	0.87	0.70	0.5	0.93	0.87	0.71	0.53
	Δ T	28	26	23	18	28	27	23	19	28	27	23	19	28	27	24	19	28	27	23	19	26	25	22	17
	kW	4.03	4.12	4.25	4.4	4.34	4.44	4.58	4.73	4.62	4.72	4.88	5.0	4.86	4.97	5.14	5.31	5.07	5.18	5.36	5.5	5.25	5.37	5.55	5.74
	Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	19.0	19.6	20.4	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.3	22.4	23.0	23.8	24.7
	Hi PR	252	271	286	298.6	283	304	321	335	321	346	365	381.0	366	394	416	434	412	443	468	488.2	455	490	517	539
	Lo PR	101	107	117	124.5	106	113	123	132	110	118	128	136.7	116	123	135	144	122	129	141	150.5	126	134	146	156
	MBh	57.6	58.8	62.9	67.2	56.2	57.5	61.4	65.6	54.9	56.1	59.9	64.1	53.6	54.7	58.5	62.5	50.9	52.0	55.6	59.4	47.1	48.2	51.5	55.0
	S/T	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.6	1.00	0.93	0.76	0.56
	Δ T	20	19	17	14	21	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	19	18	16	13
kW	4.10	4.18	4.32	4.5	4.42	4.51	4.66	4.81	4.70	4.80	4.96	5.1	4.94	5.06	5.22	5.40	5.16	5.27	5.45	5.6	5.34	5.46	5.64	5.84	
Amps	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	20.0	20.7	20.2	20.7	21.4	22.2	21.5	22.1	22.8	23.7	22.8	23.4	24.2	25.2	
Hi PR	257	277	292	305	288	310	328	342	328	353	373	388.7	373	402	424	443	420	452	478	498	464	500	528	550	
Lo PR	103	109	119	127	108	115	126	134	113	120	131	139.4	118	126	137	146	124	132	144	153.5	128	137	149	159	

1750	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4
	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
	Δ T	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	26	22	25	25	24	21
	kW	4.10	4.19	4.32	4.46	4.42	4.51	4.66	4.81	4.70	4.80	4.96	5.12	4.95	5.06	5.22	5.40	5.16	5.27	5.45	5.63	5.34	5.46	5.64	5.84
	Amps	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	20.0	20.7	20.2	20.7	21.4	22.2	21.5	22.1	22.8	23.7	22.8	23.4	24.2	25.2
	Hi PR	257	277	292	305	288	310	328	342	328	353	373	389	374	402	424	443	420	452	478	498	464	500	528	550
	Lo PR	103	109	119	127	108	115	126	134	113	120	131	139	118	126	138	146	124	132	144	153	128	137	149	159
	MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8
	S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.77	0.62	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.98	0.94	0.85	0.69
	Δ T	29	29	27	24	30	29	28	24	30	29	28	24	30	30	28	24	30	29	28	24	28	27	26	22
kW	4.06	4.15	4.28	4.42	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.79	
Amps	15.8	16.2	16.8	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.6	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9	
Hi PR	254	274	289	302	286	307	324	338	325	349	369	385	370	398	420	438	416	448	473	493	460	495	522	545	
Lo PR	102	108	118	126	107	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157	
2250	MBh	58.6	59.7	62.5	66.7	57.2	58.3	61.1	65.2	55.9	56.9	59.6	63.6	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6
	S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73
	Δ T	22	21	20	17	22	22	20	18	22	22	20	18	22	22	21	18	21	21	20	18	20	20	19	16
	kW	4.13	4.22	4.35	4.49	4.45	4.55	4.70	4.85	4.74	4.84	5.00	5.17	4.99	5.10	5.27	5.45	5.20	5.32	5.49	5.68	5.38	5.51	5.69	5.89
	Amps	16.1	16.5	17.1	17.7	17.5	17.9	18.5	19.2	19.0	19.5	20.2	20.9	20.4	20.9	21.6	22.4	21.7	22.3	23.0	23.9	23.0	23.6	24.4	25.4
	Hi PR	260	279	295	308	291	313	331	345	331	356	376	393	377	406	429	447	424	457	482	503	469	505	533	556
	Lo PR	104	110	120	128	110	117	127	135	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

***ALL AHRI SYSTEM RATINGS ARE ACCESSIBLE IN THE UNITARY MATCHUP TOOL VIA
DAIKIN CITY OR IN THE DAIKIN SYSTEM CONFIGURATOR TOOL VIA PARTNERLINK.***



ACCESSORIES

MODEL	DESCRIPTION	DX13SA 018**	DX13SA 024**	DX13SA 030**	DX13SA 036**	DX13SA 042**	DX13SA 048**	DX13SA 060**	DX13SA 0611**
ABK-20	Anchor Bracket Kit ⁰	X	X	X	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X	X	X	X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X	X
LSK01A	Liquid Line Solenoid Kit	X	X	X	X	X	X	X	X
OT18-60A	Outdoor Thermostat	X	X	X	X	X	X	X	X
TX2N4 ²	TXV Kit	X							
TX2N4A ²	TXV Kit	X	X						
TX3N4 ²	TXV Kit			X	X				
TX5N4 ²	TXV Kit					X	X	X	X

⁰ Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

