

UP TO 16 SEER  
1½ TO 5 TONS

HIGH-EFFICIENCY  
SPLIT SYSTEM AIR CONDITIONER



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### Standard Features

- High-efficiency Copeland® scroll compressor
- High-density foam compressor sound blanket
- Advanced Copeland® CoreSense™ Technology
- Single-speed PSC condenser fan motor
- Factory-installed filter drier
- Copper tube / enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- 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
- Rust-resistant coated screws
- 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.)












Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).



\* Complete warranty details available from your local dealer or at [www.daikincomfort.com](http://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 Québec.

	<b>D</b>	<b>X</b>	<b>16</b>	<b>S</b>	<b>A</b>	<b>036</b>	<b>3</b>	<b>AA</b>	
	1	2	3,4	5	6	7,8,9	10	11,12	
<b>Brand</b>	D - Daikin								<b>Engineering*</b> Major & Minor revisions * Not used for inventory control.
<b>Type</b>	X - AC R-410A Z - HP R-410A								<b>Voltage</b> 1 - 208/230 V Single-Phase 60 Hz
<b>SEER</b>	14 - 14 SEER    18 - 18 SEER 16 - 16 SEER    20 - 20 SEER								<b>Nominal Tonnage</b>
<b>Compressor</b>	S - Single Stage T - Two Stage								<b>Feature Set</b>
						018 - 1½ tons 024 - 2 tons 030 - 2½ tons	031 - 2½ tons 036 - 3 tons 037 - 3 tons 042 - 3½ tons	048 - 4 tons 060 - 5 tons 061 - 5 tons (high capacity)	A - Base C - Communicating D - Deluxe N - Nominal

	DX16SA 0181A*	DX16SA 0241A*	DX16SA 0301A*	DX16SA 0311A*	DX16SA 0361A*	DX16SA 0371A*	DX16SA 0421A*	DX16SA 0481A*	DX16SA 0601A*	DX16SA 0611A*
<b>CAPACITIES</b>										
Nominal Cooling (BTU/h)	18,000	23,600	29,000	30,000	34,800	36,000	42,000	45,500	54,000	57,000
Decibels	71.5	71.5	71.5	71.5	71.5	73	73	73	73	73
<b>COMPRESSOR</b>										
RLA	9.0	13.5	12.8	12.8	14.1	15.4	17.9	17.9	21.4	25
LRA	46	58.3	64	64	77	83.9	112	112	135	134
<b>CONDENSER FAN MOTOR</b>										
Horsepower	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/4	1/3	1/4
FLA	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.30	2.80	1.30
<b>REFRIGERATION SYSTEM</b>										
Refrigerant Line Size										
Liquid Line Size ("O.D.)	3/8"	3/8"	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"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Refrigerant Connection Size										
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	78	70	78	94	94	93	110	121	237	125
<b>ELECTRICAL DATA</b>										
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	208/230-1	208/230-1
Minimum Circuit Ampacity <sup>2</sup>	12.2	17.8	17.0	17.0	18.6	20.2	23.3	23.7	28.3	32.6
Max. Overcurrent Protection <sup>3</sup>	20	30	25	25	30	35	40	40	50	50
Min / Max Volts	197/253	197/253	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"	1/2" or 3/4"	1/2" or 3/4"
<b>EQUIPMENT WEIGHT (LBS)</b>	145	142	149	161	162	182	206	219	279	291
<b>SHIP WEIGHT (LBS)</b>	163	160	167	179	180	204	228	241	301	314
<b>ENERGY STAR® CERTIFIED <sup>^</sup></b>										NO

**^ ENERGY STAR NOTES**

- Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).
- The [www.energystar.gov](http://www.energystar.gov) website provides up-to-date system combinations certified to meet ENERGY STAR requirements. See Page 24 for all ENERGY STAR certified combinations as of this document's revision date.

<sup>1</sup> Tested and rated in accordance with AHRI Standard 210/240

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

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

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1 1/2" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.  
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

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
<b>70</b>	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-
	S/T	0.66	0.55	0.38	-	0.69	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.64	0.44	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	KW	1.18	1.20	1.23	-	1.26	1.28	1.31	-	1.32	1.35	1.38	-	1.38	1.41	1.45	-	1.43	1.46	1.50	-	1.47	1.50	1.54	-
	Amps	4.3	4.3	4.5	-	4.6	4.7	4.8	-	4.9	5.0	5.2	-	5.2	5.4	5.5	-	5.6	5.7	5.9	-	5.9	6.0	6.2	-
	Hi PR	198	213	225	-	222	239	252	-	253	272	287	-	288	310	327	-	324	348	368	-	358	385	406	-
	Lo PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	144	-	128	136	148	-
	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
	S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
	ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-
KW	1.21	1.23	1.26	-	1.28	1.31	1.34	-	1.35	1.38	1.41	-	1.41	1.44	1.48	-	1.46	1.49	1.53	-	1.51	1.54	1.58	-	
Amps	4.4	4.5	4.6	-	4.7	4.8	4.9	-	5.1	5.2	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-	
Hi PR	204	220	232	-	229	246	260	-	260	280	296	-	297	319	337	-	334	359	379	-	369	397	419	-	
Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-	
MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-	
S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	
ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-	
KW	1.21	1.23	1.26	-	1.28	1.31	1.34	-	1.35	1.38	1.41	-	1.41	1.44	1.48	-	1.46	1.49	1.53	-	1.51	1.54	1.58	-	
Amps	4.4	4.5	4.6	-	4.7	4.8	4.9	-	5.1	5.2	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-	
Hi PR	204	220	232	-	229	246	260	-	260	280	296	-	297	319	337	-	334	359	379	-	369	397	419	-	
Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-	

<b>525</b>	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	<b>15.4</b>	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
	S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	<b>0.74</b>	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.59	0.38
	ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	<b>20</b>	16	11	21	20	16	11	20	18	15	10
	KW	1.19	1.21	1.24	1.28	1.27	1.29	1.32	1.36	1.33	1.36	1.39	1.43	1.39	<b>1.42</b>	1.46	1.50	1.44	1.47	1.51	1.55	1.48	1.51	1.56	1.60
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.2	5.4	5.3	<b>5.4</b>	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5
	Hi PR	200	215	227	237	224	242	255	266	255	275	290	303	291	<b>313</b>	330	345	327	352	372	388	361	389	411	428
	Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	<b>127</b>	138	147	125	133	145	154	129	137	150	160
	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	<b>16.7</b>	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
	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	0.86	<b>0.77</b>	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
	ΔT	19	18	15	10	19	18	15	10	19	18	15	10	20	<b>18</b>	15	10	19	18	15	10	18	17	14	9
KW	1.21	1.24	1.27	1.30	1.29	1.32	1.35	1.39	1.36	1.39	1.42	1.46	1.42	<b>1.45</b>	1.49	1.53	1.47	1.50	1.54	1.59	1.52	1.55	1.59	1.64	
Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.4	<b>5.6</b>	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.2	6.4	6.7	
Hi PR	206	222	234	244	231	249	263	274	263	283	299	312	300	<b>323</b>	341	355	337	363	383	400	373	401	423	442	
Lo PR	106	113	124	132	113	120	131	139	117	124	136	145	123	<b>131</b>	143	152	129	137	150	159	133	142	155	165	
MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	<b>16.7</b>	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1	
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	0.86	<b>0.77</b>	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39	
ΔT	19	17	14	10	19	17	14	10	19	17	14	10	19	<b>17</b>	14	10	19	17	14	10	17	16	13	9	
KW	1.21	1.24	1.27	1.30	1.29	1.32	1.35	1.39	1.36	1.39	1.42	1.46	1.42	<b>1.45</b>	1.49	1.53	1.47	1.50	1.54	1.59	1.52	1.55	1.59	1.64	
Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.4	<b>5.6</b>	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.2	6.4	6.7	
Hi PR	206	222	234	244	231	249	263	274	263	283	299	312	300	<b>323</b>	341	355	337	363	383	400	373	401	423	442	
Lo PR	106	113	124	132	113	120	131	139	117	124	136	145	123	<b>131</b>	143	152	129	137	150	159	133	142	155	165	

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

EXPANDED COOLING DATA — DX16SA0181A\* / CA\*F3636\*6D\*+EEP+TXV (CONT.)

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	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6
	S/T	0.83	0.77	0.63	0.47	0.86	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
	ΔT	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	1.20	1.22	1.25	1.28	1.27	1.30	1.33	1.37	1.34	1.37	1.40	1.44	1.40	1.43	1.47	1.51	1.45	1.48	1.52	1.57	1.49	1.52	1.57	1.61
	Amps	4.3	4.4	4.6	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.5	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.5
	Hi PR	202	217	230	239	227	244	258	269	258	277	293	306	294	316	334	348	330	355	375	392	365	393	415	433
	Lo PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	146	156	130	139	152	161
	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
	S/T	0.86	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	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56
	ΔT	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	14	22	21	18	14	20	19	17	13
KW	1.22	1.24	1.28	1.31	1.30	1.32	1.36	1.40	1.37	1.40	1.43	1.48	1.43	1.46	1.50	1.54	1.48	1.51	1.56	1.60	1.53	1.56	1.60	1.65	
Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	6.1	6.3	6.5	6.7	
Hi PR	208	224	237	247	234	251	266	277	266	286	302	315	303	326	344	359	341	366	387	404	376	405	428	446	
Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	
MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9	
S/T	0.86	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	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56	
ΔT	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	21	20	17	14	19	19	16	13	
KW	1.22	1.24	1.28	1.31	1.30	1.32	1.36	1.40	1.37	1.40	1.43	1.48	1.43	1.46	1.50	1.54	1.48	1.51	1.56	1.60	1.53	1.56	1.60	1.65	
Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	6.1	6.3	6.5	6.7	
Hi PR	208	224	237	247	234	251	266	277	266	286	302	315	303	326	344	359	341	366	387	404	376	405	428	446	
Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	

85	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5
	S/T	0.87	0.84	0.75	0.61	0.90	0.87	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	0.99	0.96	0.87	0.70
	ΔT	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	26	25	24	20	24	23	22	19
	KW	1.21	1.23	1.26	1.29	1.28	1.31	1.34	1.38	1.35	1.38	1.41	1.45	1.41	1.44	1.48	1.52	1.46	1.49	1.53	1.58	1.51	1.53	1.58	1.63
	Amps	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.1	5.1	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6
	Hi PR	204	220	232	242	229	246	260	271	260	280	296	309	297	319	337	352	334	359	379	395	369	397	419	437
	Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
	S/T	0.90	0.87	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	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
	ΔT	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	23	23	21	19	21	21	20	17
KW	1.23	1.25	1.29	1.32	1.31	1.33	1.37	1.41	1.38	1.41	1.44	1.49	1.44	1.47	1.51	1.55	1.49	1.52	1.57	1.61	1.54	1.57	1.62	1.66	
Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.3	6.5	6.8	
Hi PR	210	226	239	249	236	254	268	280	268	289	305	318	306	329	347	362	344	370	391	408	380	409	432	450	
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	
MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8	
S/T	0.90	0.87	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	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73	
ΔT	22	22	20	18	22	22	21	18	22	22	21	18	23	22	21	18	23	22	21	18	20	20	19	17	
KW	1.23	1.25	1.29	1.32	1.31	1.33	1.37	1.41	1.38	1.41	1.44	1.49	1.44	1.47	1.51	1.55	1.49	1.52	1.57	1.61	1.54	1.57	1.62	1.66	
Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.3	6.5	6.8	
Hi PR	210	226	239	249	236	254	268	280	268	289	305	318	306	329	347	362	344	370	391	408	380	409	432	450	
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	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	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	22.1	22.9	25.1	-	21.6	22.4	24.5	-	21.1	21.9	23.9	-	20.6	21.3	23.4	-	19.5	20.3	22.2	-	18.1	18.8	20.6	-
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	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	1.96	1.96	1.96	-	1.96	1.96	1.96	-	1.96	1.96	1.96	-	1.96	1.96	1.97	-	1.96	1.97	1.97	-	1.97	1.97	1.97	-
	Amps	7.6	7.6	7.6	-	7.6	7.6	7.6	-	7.7	7.7	7.7	-	7.7	7.7	7.7	-	7.7	7.7	7.8	-	7.8	7.8	7.8	-
	Hi PR	205	221	233	-	230	248	262	-	262	282	298	-	298	321	339	-	336	361	381	-	371	399	421	-
	Lo PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
	MBh	22.5	23.3	25.5	-	21.9	22.7	24.9	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	19.8	20.6	22.5	-	18.4	19.1	20.9	-
	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	0.46	-	0.81	0.68	0.47	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
kW	1.96	1.96	1.96	-	1.96	1.96	1.96	-	1.96	1.96	1.96	-	1.96	1.96	1.97	-	1.97	1.97	1.97	-	1.97	1.97	1.97	-	
Amps	7.6	7.6	7.6	-	7.6	7.6	7.7	-	7.7	7.7	7.7	-	7.7	7.7	7.7	-	7.7	7.8	7.8	-	7.8	7.8	7.8	-	
Hi PR	209	225	237	-	234	252	266	-	266	287	303	-	303	326	345	-	341	367	388	-	377	406	429	-	
Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	
MBh	23.2	24.1	26.4	-	22.7	23.5	25.8	-	22.2	23.0	25.2	-	21.6	22.4	24.5	-	20.5	21.3	23.3	-	19.0	19.7	21.6	-	
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	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	1.96	1.96	1.96	-	1.96	1.96	1.96	-	1.96	1.96	1.96	-	1.96	1.97	1.97	-	1.97	1.97	1.97	-	1.97	1.97	1.97	-	
Amps	7.6	7.6	7.6	-	7.6	7.6	7.7	-	7.7	7.7	7.7	-	7.7	7.7	7.7	-	7.7	7.8	7.8	-	7.8	7.8	7.8	-	
Hi PR	213	229	242	-	239	257	271	-	272	292	309	-	309	333	352	-	348	375	396	-	385	414	437	-	
Lo PR	106	113	123	-	112	119	130	-	117	124	136	-	123	130	142	-	128	137	149	-	133	141	154	-	
75	MBh	22.5	23.2	25.1	26.9	22.0	22.6	24.5	26.3	21.4	22.1	23.9	25.6	20.9	21.5	23.3	25.0	19.9	20.5	22.1	23.8	18.4	19.0	20.5	22.0
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.97	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97
	Amps	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8
	Hi PR	207	223	236	246	233	250	264	276	265	285	301	314	301	324	342	357	339	365	385	402	374	403	426	444
	Lo PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160
	MBh	22.8	23.5	25.4	27.3	22.3	23.0	24.9	26.7	21.8	22.4	24.3	26.0	21.2	21.9	23.7	25.4	20.2	20.8	22.5	24.1	18.7	19.2	20.8	22.4
	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	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	
Amps	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	
Hi PR	211	227	240	250	237	255	269	280	269	290	306	319	306	330	348	363	345	371	392	409	381	410	433	452	
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	23.6	24.3	26.3	28.3	23.1	23.8	25.7	27.6	22.5	23.2	25.1	27.0	22.0	22.6	24.5	26.3	20.9	21.5	23.3	25.0	19.3	19.9	21.6	23.1	
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	0.93	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43	
ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	
Amps	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	
Hi PR	215	231	244	255	241	260	274	286	274	295	312	325	313	336	355	371	352	378	400	417	389	418	442	461	
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	

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

EXPANDED COOLING DATA — DX16SA0241A\* / CA\*F3636\*6D\*+EEP+TXV (CONT.)

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	700	MBh	22.9	23.4	25.0	26.7	22.4	22.8	24.4	26.1	21.8	22.3	23.8	25.5	21.3	21.8	23.2	24.8	20.2	20.7	22.1	23.6	18.7	19.1	20.5	21.9	
		S/T	0.85	0.80	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56	
		ΔT	25	24	21	17	26	25	21	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16	
		kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97
		Amps	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	Hi PR	209	225	238	248	235	253	267	278	267	288	304	317	304	327	346	361	342	342	368	389	406	378	407	430	448	
	Lo PR	104	111	121	129	110	117	128	137	115	122	133	142	115	128	140	149	126	134	147	156	131	139	152	162		
	MBh	23.2	23.7	25.4	27.1	22.7	23.2	24.8	26.5	22.2	22.6	24.2	25.9	21.6	22.1	23.6	25.2	20.5	21.0	22.4	24.0	19.0	19.4	20.8	22.2		
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.58		
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	23	23	20	16		
kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97		
Amps	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8		
Hi PR	213	229	242	252	239	257	272	283	272	293	309	322	310	333	352	367	348	348	375	396	413	385	414	437	456		
Lo PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164			
MBh	24.1	24.6	26.3	28.1	23.5	24.0	25.6	27.4	22.9	23.4	25.0	26.8	22.4	22.9	24.4	26.1	21.3	21.7	23.2	24.8	19.7	20.1	21.5	23.0			
S/T	0.93	0.88	0.71	0.53	1.00	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	23	22	19	15	24	22	19	15	23	22	19	15	23	22	20	16	22	22	19	15	20	21	18	14			
kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97		
Amps	7.6	7.6	7.6	7.7	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	7.9		
Hi PR	217	234	247	257	244	262	277	289	277	298	315	329	316	340	359	374	355	355	382	404	421	393	422	446	465		
Lo PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	139	152	162	136	144	157	168			

85	700	MBh	23.3	23.7	24.9	26.5	22.7	23.2	24.3	25.9	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	20.6	21.0	22.0	23.4	19.1	19.4	20.4	21.7	
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	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	21
		kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97
		Amps	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	Hi PR	211	228	240	251	237	255	270	281	270	290	307	320	307	331	349	364	346	346	372	393	410	382	411	434	453	
	Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163		
	MBh	23.6	24.1	25.2	26.9	23.1	23.5	24.7	26.3	22.5	23.0	24.1	25.7	22.0	22.4	23.5	25.1	20.9	21.3	22.3	23.8	19.4	19.7	20.7	22.0		
	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	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75		
	ΔT	27	26	25	21	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	24	23	20	20	
kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97		
Amps	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9		
Hi PR	215	232	244	255	241	260	274	286	275	295	312	325	313	336	355	371	352	352	379	400	417	389	418	442	461		
Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166			
MBh	24.5	24.9	26.1	27.9	23.9	24.4	25.5	27.2	23.3	23.8	24.9	26.6	22.8	23.2	24.3	25.9	21.6	22.0	23.1	24.6	20.0	20.4	21.4	22.8			
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	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	23	23	20	20	21	21	19	19		
kW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.97	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97		
Amps	7.6	7.6	7.6	7.7	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9		
Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	359	386	408	425	396	427	450	470		
Lo PR	110	117	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  
 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	25.5	26.4	28.9	-	24.9	25.8	28.2	-	24.3	25.2	27.6	-	23.7	24.6	26.9	-	22.5	23.3	25.6	-	20.8	21.6	23.7	-
	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	-
	ΔT	1.9	1.6	1.2	-	1.9	1.6	1.2	-	1.9	1.6	1.3	-	1.9	1.7	1.3	-	1.9	1.6	1.2	-	1.8	1.5	1.2	-
	kW	1.87	1.90	1.96	-	2.00	2.04	2.10	-	2.11	2.15	2.22	-	2.21	2.26	2.32	-	2.30	2.34	2.41	-	2.37	2.42	2.49	-
	Amps	6.8	6.9	7.1	-	7.3	7.5	7.7	-	7.9	8.1	8.4	-	8.5	8.7	9.0	-	9.0	9.2	9.5	-	9.5	9.8	10.1	-
	Hi PR	214	230	243	-	240	259	273	-	273	294	311	-	311	335	354	-	350	377	398	-	387	416	440	-
	Lo PR	104	110	120	-	110	117	127	-	114	121	132	-	120	127	139	-	125	133	146	-	130	138	151	-
	MBh	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.3	29.9	-	25.7	26.6	29.1	-	24.4	25.3	27.7	-	22.6	23.4	25.6	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	1.8	1.6	1.2	-	1.9	1.6	1.2	-	1.9	1.6	1.2	-	1.9	1.6	1.2	-	1.9	1.6	1.2	-	1.7	1.5	1.1	-
kW	1.91	1.95	2.00	-	2.04	2.08	2.14	-	2.16	2.20	2.27	-	2.26	2.31	2.38	-	2.35	2.40	2.47	-	2.43	2.48	2.55	-	
Amps	6.9	7.1	7.3	-	7.5	7.7	7.9	-	8.2	8.3	8.6	-	8.7	8.9	9.2	-	9.3	9.5	9.8	-	9.8	10.1	10.4	-	
Hi PR	221	238	251	-	248	267	282	-	282	303	320	-	321	345	365	-	361	388	410	-	399	429	453	-	
Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	138	150	-	134	142	155	-	
MBh	28.4	29.5	32.3	-	27.8	28.8	31.5	-	27.1	28.1	30.8	-	26.4	27.4	30.0	-	25.1	26.0	28.5	-	23.3	24.1	26.4	-	
S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
ΔT	1.8	1.5	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.5	1.2	-	1.7	1.4	1.1	-	
kW	1.92	1.96	2.02	-	2.06	2.10	2.16	-	2.18	2.22	2.29	-	2.28	2.33	2.40	-	2.37	2.42	2.49	-	2.45	2.50	2.57	-	
Amps	7.0	7.2	7.4	-	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	9.9	10.1	10.5	-	
Hi PR	223	240	253	-	250	269	284	-	285	306	323	-	324	349	368	-	365	392	414	-	403	434	458	-	
Lo PR	108	115	125	-	114	121	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	

75	MBh	25.9	26.7	28.9	31.0	25.3	26.0	28.2	30.3	24.7	25.4	27.5	29.5	24.1	24.8	26.8	28.8	22.9	23.6	25.5	27.4	21.2	21.8	23.6	25.4
	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	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	2.2	2.0	1.6	1.1	2.2	2.0	1.7	1.1	2.2	2.0	1.7	1.1	2.2	2.0	1.7	1.1	2.2	2.0	1.6	1.1	2.0	1.9	1.5	1.1
	kW	1.88	1.92	1.97	2.03	2.01	2.05	2.11	2.17	2.13	2.17	2.23	2.30	2.23	2.27	2.34	2.41	2.31	2.36	2.43	2.51	2.39	2.44	2.51	2.59
	Amps	6.8	7.0	7.2	7.5	7.4	7.5	7.8	8.1	8.0	8.2	8.5	8.8	8.5	8.8	9.0	9.4	9.1	9.3	9.6	10.0	9.6	9.9	10.2	10.6
	Hi PR	216	233	246	256	243	261	276	288	276	297	314	327	314	338	357	373	354	381	402	419	391	421	444	463
	Lo PR	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	150	127	135	147	157	131	139	152	162
	MBh	28.1	28.9	31.3	33.6	27.4	28.2	30.5	32.8	26.8	27.5	29.8	32.0	26.1	26.9	29.1	31.2	24.8	25.5	27.6	29.7	23.0	23.6	25.6	27.5
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	2.1	2.0	1.6	1.1	2.2	2.0	1.6	1.1	2.2	2.0	1.6	1.1	2.2	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.0	1.8	1.5	1.0
kW	1.92	1.96	2.02	2.08	2.06	2.10	2.16	2.22	2.18	2.22	2.29	2.36	2.28	2.33	2.40	2.47	2.37	2.42	2.49	2.57	2.45	2.50	2.57	2.66	
Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.8	9.0	9.3	9.7	9.4	9.6	9.9	10.3	9.9	10.2	10.5	10.9	
Hi PR	223	240	253	264	250	269	284	297	285	306	323	337	324	349	368	384	365	392	414	432	403	434	458	478	
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	
MBh	28.9	29.8	32.2	34.6	28.2	29.1	31.5	33.8	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	25.5	26.3	28.5	30.5	23.7	24.4	26.4	28.3	
S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	
ΔT	2.0	1.9	1.5	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	1.9	1.8	1.5	1.0	
kW	1.94	1.97	2.03	2.09	2.07	2.11	2.18	2.24	2.19	2.24	2.30	2.37	2.30	2.35	2.42	2.49	2.39	2.44	2.51	2.59	2.47	2.52	2.60	2.68	
Amps	7.1	7.2	7.5	7.8	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.7	10.0	10.4	10.0	10.2	10.6	11.0	
Hi PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	419	437	407	438	462	482	
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

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	26.4	26.9	28.8	30.8	25.7	26.3	28.1	30.0	25.1	25.7	27.4	29.3	24.5	25.1	26.8	28.6	23.3	23.8	25.4	27.2	21.6	22.0	23.6	25.2
	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	0.93	0.76	0.57	1.00	0.94	0.77	0.57
	ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15
	kW	1.90	1.93	1.99	2.04	2.03	2.07	2.13	2.19	2.14	2.19	2.25	2.32	2.25	2.29	2.36	2.43	2.33	2.38	2.45	2.53	2.41	2.46	2.53	2.61
	Amps	6.9	7.0	7.3	7.5	7.4	7.6	7.9	8.2	8.1	8.3	8.5	8.9	8.6	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.3	10.7
	Hi PR	219	235	248	259	245	264	279	291	279	300	317	331	318	342	361	376	357	385	406	424	395	425	449	468
	Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164
	MBh	28.6	29.2	31.2	33.3	27.9	28.5	30.5	32.6	27.2	27.8	29.7	31.8	26.6	27.1	29.0	31.0	25.2	25.8	27.6	29.5	23.4	23.9	25.5	27.3
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15
kW	1.94	1.97	2.03	2.09	2.07	2.11	2.18	2.24	2.19	2.24	2.30	2.37	2.30	2.35	2.42	2.49	2.39	2.44	2.51	2.59	2.47	2.52	2.60	2.68	
Amps	7.1	7.2	7.5	7.8	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.7	10.0	10.4	10.0	10.2	10.6	11.0	
Hi PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	419	437	407	438	463	482	
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	
MBh	29.4	30.1	32.1	34.3	28.7	29.4	31.4	33.5	28.0	28.7	30.6	32.7	27.4	28.0	29.9	31.9	26.0	26.6	28.4	30.3	24.1	24.6	26.3	28.1	
S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62	
ΔT	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	1.95	1.99	2.05	2.11	2.09	2.13	2.19	2.26	2.21	2.25	2.32	2.39	2.32	2.36	2.44	2.51	2.41	2.46	2.53	2.61	2.48	2.54	2.62	2.70	
Amps	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.5	10.1	10.3	10.7	11.1	
Hi PR	228	245	259	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
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	

85	MBh	26.8	27.3	28.6	30.5	26.2	26.7	28.0	29.8	25.6	26.1	27.3	29.1	24.9	25.4	26.6	28.4	23.7	24.2	25.3	27.0	22.0	22.4	23.4	25.0
	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	0.74
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	25	24	21	23	24	23	20
	kW	1.91	1.95	2.00	2.06	2.04	2.08	2.14	2.21	2.16	2.20	2.27	2.34	2.26	2.31	2.38	2.45	2.35	2.40	2.47	2.55	2.43	2.48	2.55	2.63
	Amps	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.6	9.3	9.5	9.8	10.2	9.8	10.1	10.4	10.8
	Hi PR	221	238	251	262	248	267	281	294	282	303	320	334	321	345	365	380	361	388	410	428	399	429	453	473
	Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	137	150	160	134	142	155	165
	MBh	29.1	29.6	31.0	33.1	28.4	28.9	30.3	32.3	27.7	28.2	29.6	31.6	27.0	27.6	28.9	30.8	25.7	26.2	27.4	29.2	23.8	24.2	25.4	27.1
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
	ΔT	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19
kW	1.95	1.99	2.05	2.11	2.09	2.13	2.19	2.26	2.21	2.25	2.32	2.39	2.32	2.36	2.44	2.51	2.41	2.46	2.53	2.61	2.48	2.54	2.62	2.70	
Amps	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.5	10.1	10.3	10.7	11.1	
Hi PR	228	245	259	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
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	
MBh	29.9	30.5	31.9	34.1	29.2	29.8	31.2	33.3	28.5	29.1	30.5	32.5	27.8	28.4	29.7	31.7	26.4	27.0	28.2	30.1	24.5	25.0	26.2	27.9	
S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81	
ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	20	20	21	18	
kW	1.97	2.00	2.06	2.12	2.10	2.15	2.21	2.28	2.23	2.27	2.34	2.41	2.33	2.38	2.45	2.53	2.43	2.48	2.55	2.63	2.50	2.56	2.64	2.72	
Amps	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.5	8.7	8.9	9.3	9.0	9.3	9.6	9.9	9.6	9.9	10.2	10.6	10.2	10.4	10.8	11.2	
Hi PR	230	247	261	272	258	278	293	306	293	316	333	348	334	359	380	396	376	404	427	445	415	447	472	492	
Lo PR	111	118	129	138	118	125	137	145	122	130	142	151	128	137	149	159	135	143	156	166	139	148	162	172	

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

Shaded area reflects AHRI 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												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
<b>70</b>	MBh	29.1	29.5	30.4	-	28.8	29.2	30.1	-	28.1	28.5	29.4	-	26.8	27.2	28.0	-	25.2	25.6	26.5	-	23.7	24.1	25.0	-
	S/T	0.62	0.54	0.40	-	0.63	0.55	0.41	-	0.65	0.57	0.44	-	0.67	0.59	0.46	-	1.00	0.62	0.48	-	1.00	0.67	0.53	-
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-
	kW	1.67	1.67	1.67	-	1.86	1.86	1.86	-	2.07	2.07	2.07	-	2.30	2.30	2.30	-	2.55	2.55	2.55	-	2.85	2.85	2.85	-
	Amps	6.0	6.0	6.0	-	6.9	6.8	6.8	-	7.8	7.8	7.8	-	8.9	8.8	8.8	-	10.0	10.0	10.0	-	11.4	11.4	11.4	-
	Hi PR	241	242	244	-	280	281	282	-	319	321	322	-	362	363	365	-	409	410	412	-	458	459	461	-
Lo PR	123	125	128	-	130	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	156	159	-	
<b>875</b>	MBh	29.5	29.9	30.8	-	29.2	29.6	30.5	-	28.5	28.9	29.7	-	27.2	27.6	28.4	-	25.6	26.0	26.8	-	24.1	24.5	25.4	-
	S/T	0.68	0.60	0.47	-	0.69	0.61	0.47	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	20	18	14	-
	kW	1.68	1.68	1.68	-	1.87	1.87	1.87	-	2.08	2.08	2.08	-	2.31	2.31	2.31	-	2.56	2.56	2.56	-	2.86	2.86	2.86	-
	Amps	6.0	6.0	6.0	-	6.9	6.9	6.9	-	7.9	7.9	7.8	-	8.9	8.9	8.9	-	10.1	10.1	10.0	-	11.4	11.4	11.4	-
	Hi PR	243	245	246	-	282	283	284	-	322	323	324	-	364	366	367	-	411	412	414	-	460	461	463	-
Lo PR	125	126	129	-	132	134	137	-	139	140	144	-	144	146	149	-	150	151	154	-	157	158	161	-	
<b>1125</b>	MBh	29.9	30.3	31.2	-	29.7	30.1	31.0	-	28.9	29.3	30.2	-	27.6	28.0	28.9	-	26.0	26.4	27.3	-	24.6	25.0	25.8	-
	S/T	0.72	0.64	0.50	-	0.72	0.65	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.77	0.63	-
	ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-
	kW	1.69	1.69	1.69	-	1.88	1.88	1.88	-	2.09	2.09	2.09	-	2.32	2.32	2.31	-	2.57	2.57	2.57	-	2.87	2.87	2.87	-
	Amps	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.9	7.9	7.9	-	8.9	8.9	8.9	-	10.1	10.1	10.1	-	11.5	11.5	11.4	-
	Hi PR	245	247	248	-	284	285	286	-	323	325	326	-	366	368	369	-	413	414	416	-	462	463	465	-
Lo PR	127	128	131	-	134	136	139	-	141	142	146	-	146	148	151	-	152	153	156	-	159	160	163	-	

<b>75</b>	MBh	29.5	29.9	30.8	31.7	28.9	29.3	30.1	31.5	28.1	28.5	29.4	30.7	26.8	<b>27.2</b>	28.1	29.4	25.2	25.6	26.5	27.8	23.7	24.1	25.0	26.3
	S/T	0.75	0.68	0.54	0.39	0.76	0.68	0.54	0.40	1.00	0.71	0.57	0.42	1.00	<b>0.73</b>	0.59	0.44	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.52
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	<b>22</b>	19	14	24	22	18	15	25	23	19	16
	kW	1.67	1.67	1.67	1.68	1.86	1.86	1.86	1.87	2.07	2.07	2.07	2.08	2.30	<b>2.30</b>	2.29	2.31	2.55	2.55	2.55	2.56	2.85	2.85	2.85	2.86
	Amps	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.8	7.8	7.8	7.9	8.9	<b>8.8</b>	8.8	8.9	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.4
	Hi PR	242	243	244	249	280	281	282	287	320	321	322	327	363	<b>364</b>	365	370	409	410	412	416	458	459	461	465
Lo PR	123	125	128	133	131	132	135	140	137	139	142	147	143	<b>144</b>	147	153	148	150	153	158	155	156	160	165	
<b>1000</b>	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.8	31.1	27.2	<b>27.6</b>	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7
	S/T	0.81	0.74	0.60	0.45	0.82	0.74	0.60	0.46	1.00	0.77	0.63	0.48	1.00	<b>0.79</b>	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58
	ΔT	23	21	18	14	23	21	17	14	23	21	18	14	23	<b>21</b>	17	14	22	21	17	14	24	22	18	15
	kW	1.68	1.68	1.68	1.69	1.87	1.87	1.87	1.88	2.08	2.08	2.08	2.09	2.31	<b>2.31</b>	2.30	2.32	2.56	2.56	2.56	2.57	2.86	2.86	2.86	2.87
	Amps	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.9	7.8	7.8	7.9	8.9	<b>8.9</b>	8.9	8.9	10.1	10.1	10.0	10.1	11.4	11.4	11.4	11.5
	Hi PR	244	245	246	251	282	283	285	289	322	323	324	329	365	<b>366</b>	367	372	411	412	414	418	460	462	463	467
Lo PR	125	126	129	135	132	134	137	142	139	140	144	149	144	<b>146</b>	149	154	150	151	155	160	157	158	161	167	
<b>1125</b>	MBh	30.0	30.4	31.2	32.6	29.7	30.1	31.0	32.3	28.9	29.3	30.2	31.5	27.6	<b>28.0</b>	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2
	S/T	0.85	0.77	0.63	0.49	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.52	1.00	<b>0.82</b>	0.68	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.76	0.61
	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	<b>20</b>	17	13	22	20	16	13	23	21	17	14
	kW	1.69	1.69	1.69	1.70	1.88	1.88	1.87	1.89	2.09	2.09	2.08	2.10	2.32	<b>2.32</b>	2.31	2.33	2.57	2.57	2.57	2.58	2.87	2.87	2.86	2.88
	Amps	6.1	6.1	6.0	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	7.9	8.9	<b>8.9</b>	8.9	9.0	10.1	10.1	10.1	10.1	11.5	11.5	11.4	11.5
	Hi PR	246	247	248	253	284	285	287	291	324	325	326	331	367	<b>368</b>	369	374	413	414	416	420	462	464	465	469
Lo PR	127	128	132	137	134	136	139	144	141	142	146	151	146	<b>148</b>	151	156	152	153	157	162	159	160	163	169	

Amps = 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	MBh	29.3	29.7	30.5	31.9	29.0	29.4	30.3	31.6	28.2	28.7	29.5	30.9	26.9	27.3	28.2	29.5	25.3	25.8	26.6	27.9	23.9	24.3	25.2	26.5
	S/T	1.00	0.80	0.66	0.52	1.00	0.81	0.67	0.52	1.00	0.84	0.70	0.55	1.00	0.86	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.65
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	29	27	24	20
	kW	1.67	1.67	1.67	1.68	1.86	1.86	1.86	1.87	2.07	2.07	2.07	2.08	2.30	2.30	2.30	2.31	2.55	2.55	2.55	2.56	2.85	2.85	2.85	2.86
	Amps	6.0	6.0	6.0	6.0	6.9	6.8	6.8	6.9	7.8	7.8	7.8	7.9	8.9	8.8	8.8	8.9	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.4
	Hi PR	242	243	245	249	280	281	283	287	320	321	323	327	363	364	366	370	409	410	412	416	459	460	462	466
	Lo PR	124	125	128	133	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	158	155	157	160	165
	MBh	29.6	30.1	30.9	32.3	29.4	29.8	30.7	32.0	28.6	29.0	29.9	31.2	27.3	27.7	28.6	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.85	0.71
	ΔT	27	25	22	18	27	25	22	18	27	25	22	18	27	25	21	18	27	25	21	18	28	26	22	19
kW	1.68	1.68	1.68	1.69	1.87	1.87	1.87	1.88	2.08	2.08	2.08	2.09	2.31	2.31	2.31	2.32	2.56	2.56	2.56	2.57	2.86	2.86	2.86	2.87	
Amps	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.9	7.9	7.8	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.1	10.1	11.4	11.4	11.4	11.5	
Hi PR	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	411	413	414	418	461	462	464	468	
Lo PR	125	127	130	135	133	134	138	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167	
MBh	30.1	30.5	31.4	32.7	29.8	30.3	31.1	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.7	25.1	26.0	27.3	
S/T	1.00	0.90	0.76	0.61	1.00	0.91	0.77	0.62	1.00	0.93	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.89	0.74	
ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	27	25	21	18	
kW	1.69	1.69	1.69	1.70	1.88	1.88	1.88	1.89	2.09	2.09	2.09	2.10	2.32	2.32	2.31	2.33	2.57	2.57	2.57	2.58	2.87	2.87	2.86	2.88	
Amps	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	7.9	8.9	8.9	8.9	9.0	10.1	10.1	10.1	10.1	11.5	11.5	11.4	11.5	
Hi PR	246	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	413	415	416	420	463	464	466	470	
Lo PR	127	129	132	137	135	136	140	145	141	143	146	151	147	148	152	157	152	154	157	162	159	161	164	169	

85	MBh	29.8	30.2	31.0	32.4	29.5	29.9	30.8	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.7	30.0	25.8	26.2	27.1	28.4	24.4	24.8	25.7	27.0
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	1.00	0.86	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	1.00	0.75
	ΔT	32	30	26	23	31	30	26	23	32	30	26	23	31	30	26	23	31	29	26	22	32	31	27	24
	kW	1.68	1.68	1.67	1.69	1.87	1.86	1.86	1.88	2.08	2.07	2.07	2.09	2.30	2.30	2.30	2.31	2.56	2.56	2.55	2.57	2.86	2.85	2.85	2.86
	Amps	6.0	6.0	6.0	6.1	6.9	6.9	6.8	6.9	7.8	7.8	7.8	7.9	8.9	8.9	8.9	8.9	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.4
	Hi PR	243	244	246	250	281	282	284	288	321	322	324	328	364	365	367	371	411	412	413	418	460	461	463	467
	Lo PR	125	127	130	135	133	134	138	143	139	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167
	MBh	30.1	30.5	31.4	32.7	29.9	30.3	31.2	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.8	25.2	26.0	27.4
	S/T	1.00	0.97	0.83	0.68	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.81
	ΔT	30	29	25	22	30	29	25	22	31	29	25	22	30	29	25	22	30	28	25	21	31	29	26	22
kW	1.69	1.69	1.68	1.70	1.88	1.87	1.87	1.89	2.09	2.08	2.08	2.10	2.31	2.31	2.31	2.32	2.57	2.57	2.56	2.58	2.87	2.86	2.86	2.87	
Amps	6.1	6.0	6.0	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	7.9	8.9	8.9	8.9	9.0	10.1	10.1	10.1	10.1	11.4	11.4	11.4	11.5	
Hi PR	245	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463	465	469	
Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169	
MBh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	32.9	29.6	30.0	30.9	32.2	28.3	28.7	29.5	30.9	26.7	27.1	28.0	29.3	25.2	25.6	26.5	27.8	
S/T	1.00	1.00	0.86	0.72	1.00	1.00	0.87	0.72	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.85	
ΔT	29	28	24	21	29	28	24	21	30	28	24	21	29	28	24	21	29	27	24	20	30	28	25	22	
kW	1.70	1.69	1.69	1.71	1.88	1.88	1.88	1.89	2.09	2.09	2.09	2.10	2.32	2.32	2.32	2.33	2.58	2.57	2.57	2.59	2.87	2.87	2.87	2.88	
Amps	6.1	6.1	6.1	6.1	7.0	6.9	6.9	7.0	7.9	7.9	7.9	8.0	9.0	8.9	8.9	9.0	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.5	
Hi PR	247	248	250	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	422	464	465	467	471	
Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	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	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	30.6	31.7	34.7	-	29.1	30.2	33.1	-	28.4	29.5	32.3	-	27.0	28.0	30.7	-	25.0	25.9	28.4	-	25.0	25.9	28.4	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.80	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-
	KW	2.23	2.27	2.34	-	2.39	2.44	2.51	-	2.65	2.70	2.79	-	2.75	2.81	2.90	-	2.84	2.90	2.99	-	2.84	2.90	2.99	-
	Amps	8.1	8.3	8.5	-	8.7	8.9	9.2	-	10.1	10.4	10.7	-	10.8	11.1	11.4	-	11.5	11.7	12.1	-	11.5	11.7	12.1	-
	Hi PR	219	236	249	-	246	265	280	-	319	343	362	-	359	386	408	-	396	427	450	-	396	427	450	-
	Lo PR	103	109	120	-	109	116	126	-	119	126	138	-	124	132	144	-	129	137	149	-	129	137	149	-
	MBh	33.1	34.3	37.6	-	32.3	33.5	36.7	-	30.8	31.9	35.0	-	29.3	30.3	33.2	-	27.1	28.1	30.8	-	27.1	28.1	30.8	-
	S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.83	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-	0.87	0.73	0.51	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-
	KW	2.28	2.33	2.39	-	2.44	2.49	2.57	-	2.71	2.77	2.85	-	2.82	2.88	2.97	-	2.91	2.97	3.07	-	2.91	2.97	3.07	-
	Amps	8.3	8.5	8.8	-	9.0	9.2	9.5	-	10.4	10.7	11.1	-	11.1	11.4	11.8	-	11.8	12.1	12.5	-	11.8	12.1	12.5	-
Hi PR	226	243	257	-	254	273	288	-	329	354	374	-	370	398	420	-	409	440	464	-	409	440	464	-	
Lo PR	106	113	123	-	112	119	130	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-	
MBh	34.1	35.3	38.7	-	33.3	34.5	37.8	-	31.7	32.9	36.0	-	30.1	31.2	34.2	-	27.9	28.9	31.7	-	27.9	28.9	31.7	-	
S/T	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.87	0.73	0.51	-	0.91	0.76	0.53	-	0.92	0.76	0.53	-	0.92	0.76	0.53	-	
ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-	
KW	2.30	2.34	2.41	-	2.46	2.51	2.59	-	2.61	2.66	2.74	-	2.73	2.79	2.88	-	2.84	2.90	2.99	-	2.94	3.00	3.09	-	
Amps	8.4	8.6	8.9	-	9.1	9.3	9.6	-	10.5	10.8	11.2	-	11.2	11.5	11.9	-	11.9	12.2	12.6	-	11.9	12.2	12.6	-	
Hi PR	228	246	260	-	256	276	291	-	332	357	377	-	374	402	424	-	413	444	469	-	413	444	469	-	
Lo PR	107	114	124	-	113	120	131	-	124	131	144	-	130	138	150	-	134	143	156	-	134	143	156	-	
75	MBh	31.1	32.0	34.6	37.2	30.4	31.3	33.8	36.3	29.6	30.5	33.0	35.4	28.9	29.8	32.2	34.6	27.5	28.3	30.6	32.8	25.4	26.2	28.4	30.4
	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
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	KW	2.25	2.29	2.36	2.43	2.41	2.45	2.53	2.60	2.55	2.60	2.68	2.76	2.67	2.73	2.81	2.90	2.78	2.83	2.92	3.01	2.87	2.93	3.02	3.11
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.2	10.5	10.8	11.3	10.9	11.2	11.6	12.0	11.6	11.9	12.3	12.7
	Hi PR	222	239	252	263	249	268	283	295	283	304	321	335	322	347	366	382	362	390	412	430	400	431	455	475
	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	33.7	34.7	37.5	40.3	32.9	33.9	36.6	39.3	32.1	33.1	35.8	38.4	31.3	32.2	34.9	37.5	29.8	30.6	33.2	35.6	27.6	28.4	30.7	33.0
	S/T	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43
	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	2.30	2.34	2.41	2.48	2.46	2.51	2.59	2.67	2.61	2.66	2.74	2.83	2.73	2.79	2.88	2.97	2.84	2.90	2.99	3.09	2.94	3.00	3.09	3.19
	Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.2	11.6	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1
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	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	
MBh	34.7	35.7	38.6	41.5	33.9	34.9	37.7	40.5	33.1	34.0	36.9	39.6	32.3	33.2	36.0	38.6	30.6	31.6	34.2	36.7	28.4	29.2	31.6	34.0	
S/T	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45	
ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	19	19	15	10	
KW	2.32	2.36	2.43	2.50	2.48	2.53	2.61	2.69	2.63	2.68	2.76	2.85	2.76	2.81	2.90	2.99	2.86	2.93	3.02	3.11	2.96	3.02	3.12	3.22	
Amps	8.4	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.3	11.7	11.3	11.6	12.0	12.5	12.0	12.3	12.7	13.2	
Hi PR	231	248	262	274	259	279	294	307	295	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494	
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  
 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	1050	MBh	31.6	32.3	34.5	36.9	30.9	31.6	33.7	36.1	30.2	30.8	32.9	35.2	29.4	30.1	32.1	34.3	28.0	28.6	30.5	32.6	25.9	26.5	28.3	30.2
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.04	0.98	0.79	0.59	1.05	0.98	0.80	0.60
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16	
	kW	2.26	2.31	2.38	2.45	2.42	2.47	2.55	2.62	2.57	2.62	2.70	2.78	2.69	2.75	2.83	2.92	2.80	2.86	2.94	3.04	2.89	2.95	3.04	3.14	
	Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.7	9.9	10.2	10.6	10.3	10.6	11.0	11.4	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.8	
	Hi PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	404	435	460	479	
	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	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.1	32.7	33.4	35.7	38.1	31.9	32.6	34.8	37.2	30.3	30.9	33.1	35.3	28.1	28.7	30.6	32.7	
	S/T	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.57	1.00	0.98	0.79	0.59	1.00	1.00	0.82	0.62	1.00	1.00	0.83	0.62	
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	23	24	21	17	21	22	19	16	
kW	2.32	2.36	2.43	2.50	2.48	2.53	2.61	2.69	2.63	2.68	2.76	2.85	2.76	2.81	2.90	2.99	2.87	2.93	3.02	3.11	2.96	3.02	3.12	3.22		
Amps	8.4	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.3	11.7	11.3	11.6	12.0	12.5	12.0	12.3	12.7	13.2		
Hi PR	231	248	262	274	259	279	294	307	295	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494		
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		
MBh	35.3	36.1	38.5	41.2	34.5	35.2	37.6	40.2	33.7	34.4	36.7	39.3	32.8	33.5	35.8	38.3	31.2	31.9	34.1	36.4	28.9	29.5	31.5	33.7		
S/T	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.81	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.65	1.00	1.00	0.87	0.65		
ΔT	24	23	20	16	23	23	20	16	23	23	20	16	22	23	20	16	21	22	20	16	20	20	19	15		
kW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.70	2.78	2.87	2.78	2.83	2.92	3.02	2.89	2.95	3.04	3.14	2.98	3.05	3.14	3.24		
Amps	8.5	8.7	9.0	9.4	9.2	9.5	9.8	10.1	10.0	10.3	10.6	11.0	10.7	11.0	11.4	11.8	11.4	11.7	12.1	12.6	12.1	12.4	12.9	13.3		
Hi PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499		
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		

85	1050	MBh	32.2	32.8	34.4	36.7	31.4	32.0	33.6	35.8	30.7	31.3	32.8	34.9	29.9	30.5	32.0	34.1	28.4	29.0	30.4	32.4	26.3	26.9	28.1	30.0
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.99	0.80	1.00	1.00	0.96	0.78
	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	26	27	26	22	22	25	25	22	24	24	24	24	20
	kW	2.28	2.33	2.39	2.46	2.44	2.49	2.57	2.64	2.59	2.64	2.72	2.80	2.71	2.77	2.85	2.94	2.82	2.88	2.97	3.06	2.91	2.97	3.07	3.17	
	Amps	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.1	11.5	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0	
	Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	373	390	370	398	420	438	409	440	464	484	
	Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	
	MBh	34.9	35.5	37.2	39.7	34.1	34.7	36.4	38.8	33.2	33.9	35.5	37.9	32.4	33.1	34.6	36.9	30.8	31.4	32.9	35.1	28.5	29.1	30.5	32.5	
	S/T	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.99	0.81	
	ΔT	27	26	25	21	26	26	25	22	25	26	25	22	25	25	25	22	24	24	25	21	22	22	23	20	
kW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.70	2.78	2.87	2.78	2.83	2.92	3.02	2.89	2.95	3.04	3.14	2.98	3.05	3.14	3.24		
Amps	8.5	8.7	9.0	9.4	9.2	9.5	9.8	10.1	10.0	10.3	10.6	11.0	10.7	11.0	11.4	11.8	11.4	11.7	12.1	12.6	12.1	12.4	12.9	13.3		
Hi PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499		
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		
MBh	35.9	36.6	38.3	40.9	35.1	35.8	37.4	40.0	34.2	34.9	36.6	39.0	33.4	34.1	35.7	38.0	31.7	32.4	33.9	36.1	29.4	30.0	31.4	33.5		
S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.98	0.81	1.00	1.00	0.99	0.84	1.00	1.00	0.99	0.85		
ΔT	24	25	24	21	24	24	24	21	23	24	24	21	23	23	24	21	22	22	23	21	20	20	21	19		
kW	2.35	2.40	2.47	2.54	2.52	2.57	2.65	2.73	2.67	2.72	2.81	2.89	2.80	2.86	2.95	3.04	2.91	2.97	3.07	3.16	3.01	3.07	3.17	3.27		
Amps	8.6	8.8	9.1	9.4	9.3	9.5	9.9	10.2	10.1	10.4	10.7	11.1	10.8	11.1	11.5	11.9	11.5	11.8	12.2	12.7	12.2	12.5	13.0	13.5		
Hi PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504		
Lo PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	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	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	36.6	37.1	38.2	-	36.3	36.8	37.9	-	35.3	35.9	37.0	-	33.7	34.2	35.3	-	31.7	32.2	33.3	-	29.8	30.4	31.5	-
	S/T	0.60	0.53	0.39	-	0.61	0.53	0.40	-	0.63	0.56	0.42	-	0.65	0.58	0.44	-	0.67	0.60	0.46	-	1.00	0.65	0.51	-
	ΔT	21	19	15	-	21	19	15	-	21	19	16	-	21	19	15	-	21	19	15	-	22	20	16	-
	kW	2.10	2.10	2.10	-	2.34	2.34	2.34	-	2.61	2.61	2.60	-	2.90	2.89	2.89	-	3.22	3.21	3.21	-	3.59	3.59	3.59	-
	Amps	7.6	7.6	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.2	-	12.7	12.7	12.7	-	14.4	14.4	14.4	-
	Hi PR	245	246	248	-	283	285	286	-	324	325	327	-	367	369	370	-	414	416	417	-	465	466	467	-
	Lo PR	118	120	123	-	126	127	130	-	132	133	136	-	137	139	142	-	143	144	147	-	149	151	154	-
	MBh	37.1	37.6	38.7	-	36.8	37.3	38.4	-	35.8	36.3	37.4	-	34.2	34.7	35.8	-	32.2	32.7	33.8	-	30.3	30.8	31.9	-
	S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	0.69	0.62	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.71	0.57	-
	ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	14	-	21	19	15	-
kW	2.12	2.11	2.11	-	2.35	2.35	2.35	-	2.62	2.62	2.61	-	2.91	2.91	2.90	-	3.23	3.23	3.22	-	3.61	3.60	3.60	-	
Amps	7.7	7.7	7.7	-	8.8	8.8	8.7	-	10.0	10.0	10.0	-	11.3	11.3	11.3	-	12.8	12.8	12.7	-	14.5	14.5	14.5	-	
Hi PR	247	248	250	-	286	287	288	-	326	327	329	-	370	371	372	-	417	418	419	-	467	468	469	-	
Lo PR	120	122	125	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-	
MBh	37.7	38.2	39.3	-	37.4	37.9	39.0	-	36.4	36.9	38.0	-	34.8	35.3	36.4	-	32.7	33.3	34.4	-	30.9	31.4	32.5	-	
S/T	0.70	0.62	0.48	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-	
ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	13	-	20	18	14	-	
kW	2.13	2.12	2.12	-	2.36	2.36	2.36	-	2.63	2.63	2.62	-	2.92	2.92	2.91	-	3.24	3.24	3.23	-	3.62	3.61	3.61	-	
Amps	7.7	7.7	7.7	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	11.4	11.3	11.3	-	12.8	12.8	12.8	-	14.5	14.5	14.5	-	
Hi PR	249	250	252	-	288	289	290	-	328	329	331	-	372	373	374	-	419	420	421	-	469	470	472	-	
Lo PR	122	124	127	-	129	131	134	-	136	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	

75	MBh	36.6	37.2	38.3	39.9	36.3	36.8	37.9	39.6	35.4	35.9	37.0	38.6	33.7	34.2	35.3	37.0	31.7	32.2	33.3	35.0	29.9	30.4	31.5	33.2
	S/T	0.73	0.65	0.52	0.38	0.74	0.66	0.53	0.38	0.76	0.69	0.55	0.41	1.00	0.70	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.78	0.64	0.50
	ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	25	23	19	16	26	24	20	17
	kW	2.10	2.10	2.10	2.11	2.34	2.34	2.33	2.35	2.61	2.60	2.60	2.62	2.89	2.89	2.89	2.91	3.22	3.21	3.21	3.23	3.59	3.59	3.59	3.60
	Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.3	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5
	Hi PR	245	246	248	252	284	285	286	291	324	325	327	331	368	369	370	375	415	416	417	422	465	466	468	472
	Lo PR	118	120	123	128	126	127	130	135	132	133	136	141	137	139	142	147	143	144	147	152	149	151	154	159
	MBh	37.1	37.6	38.7	40.4	36.8	37.3	38.4	40.1	35.8	36.4	37.5	39.1	34.2	34.7	35.8	37.5	32.2	32.7	33.8	35.5	30.4	30.9	32.0	33.6
	S/T	0.79	0.71	0.58	0.44	0.80	0.72	0.59	0.44	1.00	0.75	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.79	0.65	0.51	1.00	0.84	0.70	0.56
	ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	24	22	18	14	25	23	19	16
kW	2.11	2.11	2.11	2.13	2.35	2.35	2.35	2.36	2.62	2.62	2.61	2.63	2.91	2.90	2.90	2.92	3.23	3.23	3.22	3.24	3.60	3.60	3.60	3.62	
Amps	7.7	7.7	7.7	7.7	8.8	8.8	8.7	8.8	10.0	10.0	10.0	10.0	11.3	11.3	11.3	11.4	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.5	
Hi PR	247	248	250	254	286	287	289	293	326	327	329	333	370	371	373	377	417	418	420	424	467	468	470	474	
Lo PR	120	122	125	130	127	129	132	137	134	135	138	143	139	140	144	149	144	146	149	154	151	152	155	160	
MBh	37.7	38.2	39.3	41.0	37.4	37.9	39.0	40.7	36.4	36.9	38.0	39.7	34.8	35.3	36.4	38.1	32.8	33.3	34.4	36.0	30.9	31.4	32.5	34.2	
S/T	0.82	0.75	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.54	1.00	0.87	0.74	0.59	
ΔT	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	23	21	17	13	24	22	18	15	
kW	2.12	2.12	2.12	2.14	2.36	2.36	2.36	2.38	2.63	2.63	2.62	2.64	2.92	2.91	2.91	2.93	3.24	3.24	3.23	3.25	3.61	3.61	3.61	3.63	
Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.4	12.8	12.8	12.8	12.9	14.5	14.5	14.5	14.6	
Hi PR	249	250	252	256	288	289	291	295	328	329	331	335	372	373	375	379	419	420	422	426	469	470	472	476	
Lo PR	122	124	127	132	129	131	134	139	136	137	140	145	141	142	145	150	146	148	151	156	153	154	157	162	

Amps = 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.

EXPANDED COOLING DATA — DX16SA0371A\* / CA\*F4860\*6D\*+EEP+TXV (CONT.)

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
80	MBh	36.8	37.4	38.4	40.1	36.5	37.0	38.1	39.8	35.6	36.1	37.2	38.8	33.9	34.4	35.5	37.2	31.9	32.4	33.5	35.2	30.1	30.6	31.7	33.3
	S/T	0.85	0.78	0.64	0.50	1.00	0.79	0.65	0.51	1.00	0.81	0.68	0.53	1.00	0.83	0.69	0.55	1.00	0.85	0.72	0.57	1.00	1.00	0.77	0.63
	ΔT	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	29	27	24	20	30	28	25	21
	kW	2.10	2.10	2.10	2.12	2.34	2.34	2.34	2.35	2.61	2.61	2.60	2.62	2.90	2.89	2.89	2.91	3.22	3.21	3.21	3.23	3.59	3.59	3.59	3.61
	Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.3	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5
	Hi PR	245	247	248	253	284	285	287	291	325	326	327	332	368	369	371	375	415	416	418	422	465	466	468	472
	Lo PR	119	120	123	128	126	128	131	136	132	134	137	142	138	139	142	147	143	145	148	153	150	151	154	159
	MBh	37.3	37.8	38.9	40.6	37.0	37.5	38.6	40.3	36.0	36.6	37.6	39.3	34.4	34.9	36.0	37.7	32.4	32.9	34.0	35.7	30.5	31.1	32.2	33.8
	S/T	0.91	0.84	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.87	0.73	0.59	1.00	0.89	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.83	0.69
	ΔT	28	26	23	19	28	26	23	19	28	27	23	19	28	26	23	19	28	26	22	19	29	27	24	20
kW	2.12	2.11	2.11	2.13	2.35	2.35	2.35	2.37	2.62	2.62	2.61	2.63	2.91	2.91	2.91	2.93	3.23	3.23	3.22	3.24	3.61	3.60	3.60	3.62	
Amps	7.7	7.7	7.7	7.7	8.8	8.8	8.7	8.8	10.0	10.0	10.0	10.0	11.3	11.3	11.3	11.4	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6	
Hi PR	248	249	250	255	286	287	289	293	327	328	329	334	370	371	373	377	417	418	420	424	467	468	470	474	
Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	151	153	156	161	
MBh	37.9	38.4	39.5	41.2	37.6	38.1	39.2	40.9	36.6	37.1	38.2	39.9	35.0	35.5	36.6	38.2	33.0	33.5	34.6	36.2	31.1	31.6	32.7	34.4	
S/T	1.00	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.86	0.72	
ΔT	27	25	22	18	27	25	22	18	27	26	22	18	27	25	22	18	27	25	21	18	28	26	23	19	
kW	2.13	2.12	2.12	2.14	2.36	2.36	2.36	2.38	2.63	2.63	2.62	2.64	2.92	2.92	2.91	2.93	3.24	3.24	3.23	3.25	3.62	3.61	3.61	3.63	
Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.4	12.8	12.8	12.8	12.9	14.5	14.5	14.5	14.6	
Hi PR	250	251	252	257	288	289	291	295	329	330	331	336	372	373	375	379	419	420	422	426	469	470	472	476	
Lo PR	123	124	127	132	130	131	134	139	136	138	141	146	141	143	146	151	147	148	151	156	153	155	158	163	

85	MBh	37.5	38.0	39.1	40.7	37.1	37.6	38.7	40.4	36.2	36.7	37.8	39.5	34.5	35.0	36.1	37.8	32.5	33.0	34.1	35.8	30.7	31.2	32.3	34.0
	S/T	1.00	0.88	0.74	0.60	1.00	0.89	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73
	ΔT	33	31	28	24	33	31	28	24	33	32	28	24	33	31	28	24	33	31	27	24	34	32	29	25
	kW	2.11	2.11	2.10	2.12	2.35	2.34	2.34	2.36	2.61	2.61	2.61	2.62	2.90	2.90	2.89	2.91	3.22	3.22	3.22	3.23	3.60	3.60	3.59	3.61
	Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.3	11.3	11.2	11.3	12.7	12.7	12.7	12.8	14.5	14.5	14.4	14.5
	Hi PR	247	248	249	254	285	286	288	292	326	327	329	333	369	370	372	376	416	417	419	423	466	468	469	473
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	151	153	156	161
	MBh	37.9	38.5	39.5	41.2	37.6	38.1	39.2	40.9	36.7	37.2	38.3	39.9	35.0	35.5	36.6	38.3	33.0	33.5	34.6	36.3	31.2	31.7	32.8	34.4
	S/T	1.00	0.94	0.80	0.66	1.00	0.95	0.81	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.88	0.73	1.00	1.00	0.93	0.79
	ΔT	32	30	27	23	32	30	26	23	32	30	27	23	32	30	26	23	32	30	26	22	33	31	27	24
kW	2.12	2.12	2.11	2.13	2.36	2.36	2.35	2.37	2.62	2.62	2.62	2.64	2.91	2.91	2.91	2.92	3.23	3.23	3.23	3.25	3.61	3.61	3.60	3.62	
Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.4	12.8	12.8	12.8	12.8	14.5	14.5	14.5	14.6	
Hi PR	249	250	251	256	287	288	290	294	328	329	331	335	371	372	374	378	418	419	421	425	469	470	471	476	
Lo PR	122	124	127	132	130	131	134	139	136	137	140	146	141	143	146	151	147	148	151	156	153	155	158	163	
MBh	38.5	39.0	40.1	41.8	38.2	38.7	39.8	41.5	37.2	37.7	38.8	40.5	35.6	36.1	37.2	38.9	33.6	34.1	35.2	36.9	31.7	32.3	33.3	35.0	
S/T	1.00	0.97	0.84	0.70	1.00	0.98	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	1.00	0.82	
ΔT	31	29	26	22	31	29	25	22	31	29	26	22	31	29	25	22	31	29	25	21	32	30	26	23	
kW	2.13	2.13	2.12	2.14	2.37	2.37	2.36	2.38	2.63	2.63	2.63	2.65	2.92	2.92	2.92	2.93	3.24	3.24	3.24	3.26	3.62	3.62	3.61	3.63	
Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.8	8.9	10.1	10.0	10.0	10.1	11.4	11.4	11.3	11.4	12.8	12.8	12.8	12.9	14.6	14.6	14.5	14.6	
Hi PR	251	252	254	258	289	290	292	296	330	331	333	337	373	374	376	380	420	421	423	427	471	472	473	478	
Lo PR	124	126	129	134	132	133	136	141	138	139	142	147	143	145	148	153	149	150	153	158	155	157	160	165	

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
<b>70</b>	MBh	36.9	38.2	41.9	-	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	32.6	33.8	37.0	-	30.2	31.3	34.3	-
	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	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	2.70	2.76	2.83	-	2.89	2.95	3.03	-	3.06	3.12	3.21	-	3.20	3.27	3.37	-	3.33	3.39	3.50	-	3.43	3.50	3.61	-
	Amps	9.9	10.1	10.4	-	10.7	10.9	11.3	-	11.6	11.8	12.2	-	12.3	12.6	13.1	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-
	Hi PR	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	408	-	396	427	451	-
	Lo PR	102	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
	MBh	40.0	41.4	45.4	-	39.0	40.5	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-
	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	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	2.76	2.82	2.90	-	2.96	3.02	3.10	-	3.13	3.19	3.29	-	3.28	3.34	3.45	-	3.40	3.48	3.58	-	3.51	3.59	3.70	-
	Amps	10.1	10.4	10.7	-	10.9	11.2	11.6	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.5	13.8	14.3	-	14.3	14.6	15.1	-
Hi PR	226	243	257	-	254	273	288	-	289	311	328	-	329	354	374	-	370	398	420	-	409	440	464	-	
Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-	
MBh	41.2	42.7	46.7	-	40.2	41.7	45.7	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	36.4	37.7	41.3	-	33.7	34.9	38.3	-	
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	-	
ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
kW	2.78	2.84	2.92	-	2.98	3.04	3.13	-	3.15	3.21	3.31	-	3.30	3.37	3.47	-	3.43	3.50	3.61	-	3.54	3.62	3.73	-	
Amps	10.2	10.5	10.8	-	11.0	11.3	11.7	-	12.0	12.3	12.7	-	12.8	13.1	13.6	-	13.6	14.0	14.4	-	14.4	14.8	15.3	-	
Hi PR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	425	-	413	444	469	-	
Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-	

<b>75</b>	MBh	37.5	38.6	41.8	44.9	36.6	37.7	40.8	43.8	35.8	36.8	39.9	42.8	34.9	<b>35.9</b>	38.9	41.7	33.1	34.1	36.9	39.6	30.7	31.6	34.2	36.7
	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	<b>0.79</b>	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	<b>21</b>	17	12	23	21	17	12	21	20	16	11
	kW	2.72	2.78	2.86	2.94	2.91	2.97	3.06	3.15	3.08	3.14	3.23	3.33	3.23	<b>3.29</b>	3.39	3.50	3.35	3.42	3.53	3.64	3.46	3.53	3.64	3.76
	Amps	10.0	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.7	11.9	12.3	12.8	12.5	<b>12.8</b>	13.2	13.7	13.3	13.6	14.0	14.6	14.0	14.4	14.9	15.4
	Hi PR	222	239	252	263	249	268	283	295	283	304	321	335	322	<b>347</b>	366	382	363	390	412	430	401	431	455	475
	Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	<b>127</b>	139	148	125	133	145	155	129	138	150	160
	MBh	40.6	41.8	45.3	48.6	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	<b>38.9</b>	42.1	45.2	35.9	37.0	40.0	43.0	33.3	34.2	37.1	39.8
	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	<b>0.82</b>	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	22	20	17	12	23	21	17	12	23	21	17	12	23	<b>21</b>	17	12	22	21	17	12	21	19	16	11
	kW	2.78	2.84	2.92	3.01	2.98	3.04	3.13	3.22	3.15	3.21	3.31	3.41	3.30	<b>3.37</b>	3.47	3.58	3.43	3.50	3.61	3.72	3.54	3.62	3.73	3.85
	Amps	10.2	10.5	10.8	11.2	11.0	11.3	11.7	12.1	12.0	12.3	12.7	13.2	12.8	<b>13.1</b>	13.6	14.1	13.6	14.0	14.4	15.0	14.4	14.8	15.3	15.9
Hi PR	229	246	260	271	256	276	291	304	292	314	331	346	332	<b>357</b>	377	394	374	402	425	443	413	444	469	489	
Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	<b>131</b>	143	152	129	137	150	160	133	142	155	165	
MBh	41.9	43.1	46.6	50.1	40.9	42.1	45.6	48.9	39.9	41.1	44.5	47.7	38.9	<b>40.1</b>	43.4	46.6	37.0	38.1	41.2	44.2	34.3	35.3	38.2	41.0	
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	<b>0.86</b>	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44	
ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	<b>20</b>	16	11	21	20	16	11	20	18	15	10	
kW	2.80	2.86	2.94	3.03	3.00	3.06	3.15	3.25	3.17	3.24	3.34	3.44	3.33	<b>3.40</b>	3.50	3.61	3.46	3.53	3.64	3.75	3.57	3.65	3.76	3.88	
Amps	10.3	10.6	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	12.9	<b>13.2</b>	13.7	14.2	13.8	14.1	14.6	15.1	14.6	14.9	15.4	16.0	
Hi PR	231	248	262	274	259	279	294	307	295	317	335	349	336	<b>361</b>	381	398	377	406	429	447	417	449	474	494	
Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	<b>132</b>	144	154	130	139	151	161	135	143	157	167	

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



EXPANDED COOLING DATA — DX16SA0421A\* / CA\*F4860\*6D\*+EEP+TXV (CONT.)

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	38.2	39.0	41.7	44.5	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.4	33.7	34.5	36.8	39.4	31.2	31.9	34.1	36.5
	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	1.01	0.95	0.77	0.58
	ΔT	25	24	21	17	26	24	21	17	26	25	21	17	26	25	21	17	24	24	21	17	24	23	20	16
	kW	2.74	2.80	2.88	2.96	2.93	2.99	3.08	3.17	3.10	3.17	3.26	3.36	3.25	3.32	3.42	3.52	3.38	3.45	3.55	3.66	3.49	3.56	3.67	3.79
	Amps	10.0	10.3	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	12.9	12.6	12.9	13.3	13.8	13.4	13.7	14.2	14.7	14.2	14.5	15.0	15.6
	Hi PR	224	241	254	265	251	270	286	298	286	308	325	339	325	350	370	386	366	394	416	434	405	435	460	480
	Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	MBh	41.4	42.3	45.2	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.7	33.9	34.6	37.0	39.5
	S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.98	0.79	0.59	1.00	0.98	0.80	0.60
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	19	16
kW	2.80	2.86	2.94	3.03	3.00	3.06	3.15	3.25	3.18	3.24	3.34	3.44	3.33	3.40	3.50	3.61	3.46	3.53	3.64	3.75	3.57	3.65	3.76	3.88	
Amps	10.3	10.6	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.8	14.1	14.6	15.1	14.6	14.9	15.4	16.0	
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	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	
MBh	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.6	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.2	37.6	38.5	41.1	43.9	34.9	35.6	38.1	40.7	
S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63	
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	20	16	20	21	19	15	
kW	2.82	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.47	3.35	3.42	3.53	3.64	3.49	3.56	3.67	3.78	3.60	3.67	3.79	3.91	
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	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.1	15.6	16.2	
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	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	

85	MBh	38.8	39.6	41.5	44.2	37.9	38.7	40.5	43.2	37.0	37.7	39.5	42.2	36.1	36.8	38.6	41.2	34.3	35.0	36.6	39.1	31.8	32.4	33.9	36.2
	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	27	26	25	22	27	27	25	22	27	27	25	22	27	26	25	22	26	26	25	22	24	24	24	20
	kW	2.76	2.82	2.90	2.98	2.96	3.01	3.10	3.20	3.13	3.19	3.28	3.38	3.28	3.34	3.44	3.55	3.40	3.47	3.58	3.69	3.51	3.59	3.70	3.82
	Amps	10.1	10.4	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7
	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	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163
	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2
	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
	ΔT	26	26	25	21	27	26	25	22	26	26	25	22	26	26	25	22	24	25	25	21	23	23	23	20
kW	2.82	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.47	3.35	3.42	3.53	3.64	3.49	3.56	3.67	3.78	3.60	3.67	3.79	3.91	
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	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.1	15.6	16.2	
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	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	
MBh	43.3	44.2	46.3	49.4	42.3	43.2	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.0	45.9	38.3	39.0	40.9	43.6	35.5	36.2	37.9	40.4	
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	1.00	0.81	1.00	1.00	1.00	0.81	
ΔT	25	25	24	20	25	25	24	21	24	25	24	21	24	24	24	21	22	23	24	21	21	21	22	19	
kW	2.85	2.90	2.98	3.07	3.05	3.11	3.20	3.30	3.22	3.29	3.39	3.49	3.38	3.45	3.55	3.67	3.51	3.59	3.70	3.81	3.63	3.70	3.82	3.94	
Amps	10.5	10.8	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.2	13.5	13.9	14.5	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3	
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	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	

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	42.6	44.2	48.4	-	41.6	43.2	47.3	-	40.7	42.1	46.2	-	39.7	41.1	45.0	-	37.7	39.1	42.8	-	34.9	36.2	39.6	-
	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	2.95	3.01	3.10	-	3.16	3.22	3.32	-	3.34	3.41	3.51	-	3.50	3.57	3.68	-	3.64	3.71	3.83	-	3.76	3.84	3.95	-
	Amps	10.8	11.0	11.4	-	11.6	11.9	12.3	-	12.6	12.9	13.4	-	13.5	13.8	14.3	-	14.4	14.7	15.2	-	15.2	15.6	16.1	-
	Hi PR	219	235	248	-	245	264	279	-	279	300	317	-	318	342	361	-	357	385	406	-	395	425	449	-
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-
	MBh	43.3	44.9	49.2	-	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-
	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	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
kW	2.99	3.05	3.14	-	3.20	3.26	3.36	-	3.39	3.45	3.56	-	3.55	3.62	3.73	-	3.69	3.76	3.88	-	3.81	3.89	4.01	-	
Amps	10.9	11.2	11.6	-	11.8	12.1	12.5	-	12.8	13.1	13.6	-	13.7	14.1	14.5	-	14.6	15.0	15.5	-	15.5	15.8	16.4	-	
Hi PR	222	239	253	-	250	269	284	-	284	305	322	-	323	348	367	-	364	391	413	-	402	432	457	-	
Lo PR	108	115	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	139	151	-	135	143	156	-	
MBh	44.8	46.4	50.9	-	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.3	-	39.6	41.0	45.0	-	36.7	38.0	41.6	-	
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	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-	
ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	3.03	3.09	3.18	-	3.25	3.31	3.41	-	3.44	3.51	3.61	-	3.60	3.68	3.79	-	3.75	3.82	3.94	-	3.87	3.95	4.07	-	
Amps	11.1	11.4	11.8	-	12.0	12.3	12.7	-	13.1	13.4	13.8	-	14.0	14.3	14.8	-	14.9	15.2	15.7	-	15.8	16.1	16.7	-	
Hi PR	227	244	258	-	255	274	289	-	289	312	329	-	330	355	375	-	371	399	421	-	410	441	466	-	
Lo PR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-	

75	MBh	43.4	44.6	48.3	51.9	42.4	43.6	47.2	50.7	41.3	42.6	46.1	49.5	40.3	41.5	45.0	48.2	38.3	39.5	42.7	45.8	35.5	36.5	39.6	42.5
	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
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	kW	2.97	3.03	3.12	3.21	3.18	3.25	3.34	3.44	3.37	3.44	3.54	3.65	3.53	3.60	3.71	3.83	3.67	3.74	3.86	3.98	3.79	3.87	3.99	4.11
	Amps	10.9	11.1	11.5	11.9	11.7	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	221	238	251	262	248	267	282	294	282	303	320	334	321	345	365	380	361	389	410	428	399	429	453	473
	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
	MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	42.2	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
	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	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
kW	3.01	3.07	3.16	3.25	3.22	3.29	3.39	3.49	3.41	3.48	3.59	3.70	3.58	3.65	3.76	3.88	3.72	3.79	3.91	4.04	3.84	3.92	4.04	4.17	
Amps	11.0	11.3	11.7	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.7	14.2	13.8	14.2	14.7	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.5	17.2	
Hi PR	225	242	255	266	252	271	286	299	287	309	326	340	327	351	371	387	367	395	417	435	406	437	461	481	
Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	
MBh	45.6	46.9	50.8	54.5	44.5	45.8	49.6	53.2	43.4	44.7	48.4	52.0	42.4	43.6	47.2	50.7	40.3	41.5	44.9	48.2	37.3	38.4	41.6	44.6	
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	
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	3.06	3.12	3.21	3.30	3.27	3.34	3.44	3.54	3.46	3.53	3.64	3.75	3.63	3.71	3.82	3.94	3.78	3.85	3.97	4.10	3.90	3.98	4.11	4.24	
Amps	11.2	11.5	11.9	12.3	12.1	12.4	12.8	13.3	13.2	13.5	14.0	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.8	17.5	
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	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	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

EXPANDED COOLING DATA — DX16SA0481A\* / CA\*F4961\*6D\*+EEP+TXV (CONT.)

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	44.1	45.1	48.2	51.5	43.1	44.0	47.1	50.3	42.1	43.0	45.9	49.1	41.1	41.9	44.8	47.9	39.0	39.9	42.6	45.5	36.1	36.9	39.4	42.2
	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	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
	ΔT	25	24	21	17	26	24	21	17	26	24	21	17	26	25	21	17	24	24	21	17	24	23	20	16
	kW	3.00	3.05	3.14	3.24	3.21	3.27	3.37	3.47	3.39	3.46	3.57	3.68	3.56	3.63	3.74	3.86	3.70	3.77	3.89	4.01	3.82	3.90	4.02	4.15
	Amps	11.0	11.2	11.6	12.0	11.9	12.1	12.5	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	223	240	253	264	250	269	284	297	285	306	323	337	324	349	368	384	365	393	414	432	403	434	458	478
	Lo PR	108	115	126	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8
	S/T	0.90	0.85	0.69	0.51	0.93	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	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	19	15
kW	3.03	3.09	3.18	3.28	3.25	3.31	3.41	3.52	3.44	3.51	3.61	3.73	3.60	3.68	3.79	3.91	3.75	3.82	3.94	4.07	3.87	3.95	4.07	4.20	
Amps	11.1	11.4	11.8	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.8	14.4	14.0	14.3	14.8	15.4	14.9	15.2	15.8	16.3	15.8	16.1	16.7	17.3	
Hi PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486	
Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	
MBh	46.4	47.4	50.6	54.1	45.3	46.3	49.4	52.9	44.2	45.2	48.3	51.6	43.1	44.1	47.1	50.3	41.0	41.9	44.7	47.8	38.0	38.8	41.4	44.3	
S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63	
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	21	19	15	19	20	18	14	
kW	3.08	3.14	3.23	3.33	3.30	3.36	3.46	3.57	3.49	3.56	3.67	3.78	3.66	3.74	3.85	3.97	3.80	3.88	4.01	4.13	3.93	4.01	4.14	4.27	
Amps	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.4	13.3	13.6	14.1	14.6	14.2	14.6	15.1	15.6	15.1	15.5	16.0	16.7	16.1	16.4	17.0	17.7	
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	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	

85	MBh	44.9	45.8	47.9	51.1	43.9	44.7	46.8	50.0	42.8	43.6	45.7	48.8	41.8	42.6	44.6	47.6	39.7	40.4	42.4	45.2	36.8	37.5	39.2	41.9
	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
	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	27	25	22	24	25	23	20
	kW	3.02	3.08	3.17	3.26	3.23	3.30	3.39	3.50	3.42	3.49	3.59	3.70	3.58	3.66	3.77	3.89	3.73	3.80	3.92	4.04	3.85	3.93	4.05	4.18
	Amps	11.1	11.3	11.7	12.1	12.0	12.2	12.7	13.1	13.0	13.3	13.7	14.3	13.9	14.2	14.7	15.3	14.8	15.1	15.6	16.2	15.7	16.0	16.6	17.2
	Hi PR	225	242	256	267	253	272	287	300	288	309	327	341	327	352	372	388	368	396	419	437	407	438	463	482
	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
	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
	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
	ΔT	26	26	25	21	27	26	25	22	27	26	25	22	26	26	25	22	25	25	25	21	23	23	23	20
kW	3.06	3.12	3.21	3.30	3.27	3.34	3.44	3.54	3.46	3.53	3.64	3.75	3.63	3.71	3.82	3.94	3.78	3.85	3.97	4.10	3.90	3.98	4.11	4.24	
Amps	11.2	11.5	11.9	12.3	12.1	12.4	12.8	13.3	13.2	13.5	14.0	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.8	17.5	
Hi PR	229	247	260	272	257	277	292	305	292	315	332	347	333	358	379	395	375	403	426	444	414	446	471	491	
Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172	
MBh	47.2	48.1	50.4	53.7	46.1	47.0	49.2	52.5	45.0	45.9	48.0	51.2	43.9	44.7	46.9	50.0	41.7	42.5	44.5	47.5	38.6	39.4	41.2	44.0	
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	1.00	0.81	1.00	1.00	1.00	0.81	
ΔT	24	24	23	19	24	24	23	20	23	23	23	20	22	23	23	20	21	22	23	20	20	20	21	18	
kW	3.10	3.16	3.25	3.35	3.32	3.39	3.49	3.60	3.52	3.59	3.70	3.81	3.69	3.77	3.88	4.00	3.83	3.92	4.04	4.17	3.96	4.04	4.17	4.31	
Amps	11.4	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.4	13.8	14.2	14.8	14.4	14.7	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.2	17.8	
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	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	164	175	

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
<b>70</b>	MBh	51.4	53.2	58.3	-	50.2	52.0	57.0	-	49.0	50.8	55.6	-	47.8	49.5	54.3	-	45.4	47.1	51.6	-	42.1	43.6	47.8	-
	S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
	kW	3.42	3.48	3.58	-	3.65	3.72	3.83	-	3.86	3.94	4.06	-	4.05	4.13	4.25	-	4.20	4.29	4.42	-	4.34	4.43	4.56	-
	Amps	12.6	12.9	13.3	-	13.6	13.9	14.4	-	14.8	15.1	15.6	-	15.8	16.1	16.7	-	16.7	17.2	17.7	-	17.7	18.2	18.8	-
	Hi PR	216	233	246	-	243	261	276	-	276	297	313	-	314	338	357	-	353	380	402	-	391	420	444	-
Lo PR	103	109	119	-	109	115	126	-	113	120	131	-	118	126	138	-	124	132	144	-	128	137	149	-	
<b>1750</b>	MBh	51.4	53.2	58.3	-	50.2	52.0	57.0	-	49.0	50.8	55.6	-	47.8	49.5	54.3	-	45.4	47.1	51.6	-	42.1	43.6	47.8	-
	S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
	kW	3.42	3.48	3.58	-	3.65	3.72	3.83	-	3.86	3.94	4.06	-	4.05	4.13	4.25	-	4.20	4.29	4.42	-	4.34	4.43	4.56	-
	Amps	12.6	12.9	13.3	-	13.6	13.9	14.4	-	14.8	15.1	15.6	-	15.8	16.1	16.7	-	16.7	17.2	17.7	-	17.7	18.2	18.8	-
	Hi PR	216	233	246	-	243	261	276	-	276	297	313	-	314	338	357	-	353	380	402	-	391	420	444	-
Lo PR	103	109	119	-	109	115	126	-	113	120	131	-	118	126	138	-	124	132	144	-	128	137	149	-	
<b>2250</b>	MBh	53.2	55.1	60.4	-	51.9	53.8	59.0	-	50.7	52.5	57.6	-	49.5	51.3	56.2	-	47.0	48.7	53.4	-	43.5	45.1	49.4	-
	S/T	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.71	0.49	-	0.89	0.74	0.51	-	0.90	0.75	0.52	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	kW	3.47	3.53	3.63	-	3.71	3.78	3.89	-	3.92	4.00	4.12	-	4.11	4.19	4.32	-	4.27	4.36	4.49	-	4.41	4.50	4.64	-
	Amps	12.8	13.1	13.6	-	13.9	14.2	14.6	-	15.0	15.4	15.9	-	16.0	16.4	17.0	-	17.1	17.5	18.0	-	18.1	18.5	19.1	-
	Hi PR	220	237	251	-	247	266	281	-	281	303	320	-	320	345	364	-	361	388	410	-	398	429	453	-
Lo PR	105	111	122	-	111	118	129	-	115	122	134	-	121	129	140	-	127	135	147	-	131	139	152	-	

<b>1750</b>	MBh	52.2	53.8	58.2	62.5	51.0	52.5	56.9	61.0	49.8	51.3	55.5	59.6	48.6	<b>50.0</b>	54.2	58.1	46.2	47.5	51.5	55.2	42.8	44.0	47.7	51.2
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.91	<b>0.82</b>	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	23	21	17	12	23	21	17	12	23	21	18	12	23	<b>22</b>	18	12	23	22	17	12	22	20	16	11
	kW	3.44	3.51	3.61	3.71	3.68	3.75	3.86	3.98	3.89	3.97	4.09	4.21	4.08	<b>4.16</b>	4.29	4.42	4.24	4.32	4.46	4.59	4.37	4.46	4.60	4.75
	Amps	12.7	13.0	13.4	13.9	13.7	14.1	14.5	15.0	14.9	15.3	15.7	16.3	15.9	<b>16.3</b>	16.8	17.4	16.9	17.3	17.9	18.6	17.9	18.3	18.9	19.6
	Hi PR	218	235	248	259	245	264	278	290	279	300	317	330	317	<b>342</b>	361	376	357	384	406	423	395	425	448	468
Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	<b>127</b>	139	148	125	133	146	155	130	138	151	160	
<b>1625</b>	MBh	52.2	53.8	58.2	62.5	51.0	52.5	56.9	61.0	49.8	51.3	55.5	59.6	48.6	<b>50.0</b>	54.2	58.1	46.2	47.5	51.5	55.2	42.8	44.0	47.7	51.2
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.91	<b>0.82</b>	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	<b>22</b>	18	13	24	22	18	13	22	21	17	12
	kW	3.44	3.51	3.61	3.71	3.68	3.75	3.86	3.98	3.89	3.97	4.09	4.21	4.08	<b>4.16</b>	4.29	4.42	4.24	4.32	4.46	4.59	4.37	4.46	4.60	4.75
	Amps	12.7	13.0	13.4	13.9	13.7	14.1	14.5	15.0	14.9	15.3	15.7	16.3	15.9	<b>16.3</b>	16.8	17.4	16.9	17.3	17.9	18.6	17.9	18.3	18.9	19.6
	Hi PR	218	235	248	259	245	264	278	290	279	300	317	330	317	<b>342</b>	361	376	357	384	406	423	395	425	448	468
Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	<b>127</b>	139	148	125	133	146	155	130	138	151	160	
<b>2250</b>	MBh	54.1	55.7	60.3	64.7	52.8	54.4	58.9	63.2	51.6	53.1	57.5	61.7	50.3	<b>51.8</b>	56.1	60.2	47.8	49.2	53.3	57.2	44.3	45.6	49.3	52.9
	S/T	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.97	<b>0.87</b>	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.91	0.69	0.44
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	<b>18</b>	15	10	20	18	15	10	18	17	14	10
	kW	3.49	3.56	3.66	3.77	3.73	3.81	3.92	4.04	3.95	4.03	4.15	4.28	4.14	<b>4.22</b>	4.35	4.49	4.30	4.39	4.53	4.67	4.44	4.53	4.67	4.82
	Amps	13.0	13.3	13.7	14.2	14.0	14.3	14.8	15.3	15.2	15.5	16.0	16.6	16.2	<b>16.6</b>	17.1	17.8	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.0
	Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	<b>348</b>	368	384	364	392	414	432	402	433	457	477
Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	<b>130</b>	142	151	128	136	149	158	132	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
<b>80</b>	MBh	53.2	54.3	58.1	62.1	51.9	53.1	56.7	60.6	50.7	51.8	55.4	59.2	49.5	50.5	54.0	57.7	47.0	48.0	51.3	54.8	43.5	44.5	47.5	50.8
	S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.59	1.00	0.98	0.80	0.60
	ΔT	26	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	26	22	17	23	23	20	16
	kW	3.47	3.53	3.63	3.74	3.71	3.78	3.89	4.01	3.92	4.00	4.12	4.25	4.11	4.19	4.32	4.45	4.27	4.36	4.49	4.63	4.41	4.50	4.64	4.78
	Amps	12.8	13.1	13.6	14.1	13.9	14.2	14.6	15.2	15.0	15.4	15.9	16.5	16.0	16.4	17.0	17.6	17.1	17.5	18.0	18.7	18.1	18.5	19.1	19.8
	Hi PR	221	237	251	261	247	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	398	429	453	472
	Lo PR	105	112	122	130	111	118	129	137	115	122	134	142	121	129	140	150	127	135	147	157	131	139	152	162
	MBh	53.2	54.3	58.1	62.1	51.9	53.1	56.7	60.6	50.7	51.8	55.4	59.2	49.5	50.5	54.0	57.7	47.0	48.0	51.3	54.8	43.5	44.5	47.5	50.8
	S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.59	1.00	0.98	0.80	0.60
	ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	26	26	22	18	24	24	21	17
kW	3.47	3.53	3.63	3.74	3.71	3.78	3.89	4.01	3.92	4.00	4.12	4.25	4.11	4.19	4.32	4.45	4.27	4.36	4.49	4.63	4.41	4.50	4.64	4.78	
Amps	12.8	13.1	13.6	14.1	13.9	14.2	14.6	15.2	15.0	15.4	15.9	16.5	16.0	16.4	17.0	17.6	17.1	17.5	18.0	18.7	18.1	18.5	19.1	19.8	
Hi PR	221	237	251	261	247	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	398	429	453	472	
Lo PR	105	112	122	130	111	118	129	137	115	122	134	142	121	129	140	150	127	135	147	157	131	139	152	162	
MBh	55.0	56.2	60.1	64.2	53.8	54.9	58.7	62.7	52.5	53.6	57.3	61.2	51.2	52.3	55.9	59.7	48.6	49.7	53.1	56.8	45.1	46.0	49.2	52.6	
S/T	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.94	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.85	0.64	
ΔT	22	21	18	15	22	21	18	15	21	22	18	15	21	21	19	15	20	20	18	15	18	19	17	14	
kW	3.52	3.58	3.69	3.80	3.76	3.84	3.95	4.07	3.98	4.06	4.18	4.31	4.17	4.26	4.39	4.52	4.34	4.42	4.56	4.70	4.48	4.57	4.71	4.86	
Amps	13.1	13.4	13.8	14.3	14.1	14.4	14.9	15.5	15.3	15.7	16.2	16.8	16.3	16.7	17.3	17.9	17.4	17.8	18.4	19.1	18.4	18.8	19.5	20.2	
Hi PR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	406	437	462	482	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	137	150	160	134	142	155	165	

<b>1750</b>	MBh	54.1	55.1	57.8	61.6	52.8	53.9	56.4	60.2	51.6	52.6	55.1	58.8	50.3	51.3	53.7	57.3	47.8	48.7	51.0	54.5	44.3	45.1	47.3	50.4
	S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	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
	ΔT	27	27	25	22	28	27	26	22	27	27	26	22	26	27	26	22	25	26	25	22	23	24	24	21
	kW	3.49	3.56	3.66	3.77	3.74	3.81	3.92	4.04	3.95	4.03	4.15	4.28	4.14	4.23	4.35	4.49	4.30	4.39	4.53	4.67	4.44	4.53	4.67	4.82
	Amps	13.0	13.3	13.7	14.2	14.0	14.3	14.8	15.3	15.2	15.5	16.0	16.6	16.2	16.6	17.1	17.8	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.0
	Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477
	Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164
	MBh	54.1	55.1	57.8	61.6	52.8	53.9	56.4	60.2	51.6	52.6	55.1	58.8	50.3	51.3	53.7	57.3	47.8	48.7	51.0	54.5	44.3	45.1	47.3	50.4
	S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	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
	ΔT	28	28	26	23	29	28	27	23	28	28	27	23	28	28	27	23	26	27	27	23	24	25	25	22
kW	3.49	3.56	3.66	3.77	3.74	3.81	3.92	4.04	3.95	4.03	4.15	4.28	4.14	4.23	4.35	4.49	4.30	4.39	4.53	4.67	4.44	4.53	4.67	4.82	
Amps	13.0	13.3	13.7	14.2	14.0	14.3	14.8	15.3	15.2	15.5	16.0	16.6	16.2	16.6	17.1	17.8	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.0	
Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477	
Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164	
MBh	56.0	57.1	59.8	63.8	54.7	55.8	58.4	62.3	53.4	54.4	57.0	60.8	52.1	53.1	55.6	59.3	49.5	50.4	52.8	56.4	45.8	46.7	48.9	52.2	
S/T	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.94	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83	
ΔT	23	23	22	19	22	23	22	19	22	22	22	19	21	22	22	19	20	21	22	19	19	19	20	18	
kW	3.54	3.61	3.71	3.82	3.79	3.87	3.98	4.10	4.01	4.09	4.21	4.34	4.20	4.29	4.42	4.56	4.37	4.46	4.60	4.74	4.51	4.61	4.75	4.90	
Amps	13.2	13.5	13.9	14.4	14.2	14.6	15.0	15.6	15.4	15.8	16.3	16.9	16.5	16.9	17.4	18.1	17.5	18.0	18.5	19.2	18.6	19.0	19.6	20.4	
Hi PR	227	245	258	269	255	274	290	302	290	312	330	344	330	355	375	391	372	400	422	440	411	442	467	487	
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	

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	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-
	ΔT	21	18	14	-	21	19	14	-	21	19	14	-	22	19	14	-	21	18	14	-	20	17	13	-
	kW	3.75	3.83	3.95	-	4.04	4.13	4.27	-	4.31	4.40	4.55	-	4.54	4.64	4.79	-	4.73	4.84	5.00	-	4.90	5.01	5.18	-
	Amps	13.4	13.8	14.3	-	14.6	15.0	15.5	-	16.0	16.4	17.0	-	17.2	17.6	18.3	-	18.4	18.8	19.5	-	19.5	20.0	20.8	-
	Hi PR	227	244	248	-	257	276	280	-	292	314	318	-	333	358	363	-	359	386	392	-	426	458	464	-
Lo PR	113	116	127	-	116	120	131	-	120	124	135	-	123	127	139	-	126	130	141	-	129	133	145	-	
70	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
	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	20	18	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
	kW	3.78	3.86	3.99	-	4.08	4.17	4.31	-	4.34	4.44	4.59	-	4.57	4.68	4.83	-	4.77	4.88	5.05	-	4.94	5.06	5.23	-
	Amps	13.6	13.9	14.4	-	14.8	15.1	15.7	-	16.1	16.6	17.2	-	17.3	17.8	18.4	-	18.5	19.0	19.7	-	19.7	20.2	21.0	-
	Hi PR	229	247	250	-	259	279	283	-	295	317	322	-	336	361	366	-	363	390	396	-	430	462	469	-
Lo PR	114	117	128	-	117	121	132	-	121	125	136	-	124	128	140	-	127	131	143	-	130	134	146	-	
2000	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	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	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	3.81	3.89	4.02	-	4.11	4.20	4.34	-	4.38	4.48	4.63	-	4.61	4.72	4.88	-	4.81	4.92	5.09	-	4.98	5.10	5.27	-
	Amps	13.7	14.1	14.6	-	14.9	15.3	15.8	-	16.3	16.7	17.3	-	17.5	18.0	18.6	-	18.7	19.2	19.9	-	19.9	20.4	21.2	-
	Hi PR	232	249	253	-	262	282	286	-	298	320	325	-	339	365	370	-	366	394	400	-	434	467	474	-
Lo PR	115	119	129	-	118	122	133	-	122	126	138	-	126	130	141	-	128	132	144	-	131	135	148	-	
1550	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	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.37
	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	3.75	3.83	3.95	4.08	4.04	4.13	4.27	4.41	4.31	4.40	4.55	4.70	4.54	4.64	4.79	4.96	4.73	4.84	5.00	5.18	4.90	5.01	5.18	5.36
	Amps	13.4	13.8	14.3	14.8	14.6	15.0	15.5	16.2	16.0	16.4	17.0	17.7	17.2	17.6	18.3	19.0	18.4	18.8	19.5	20.3	19.5	20.0	20.8	21.6
	Hi PR	227	244	248	253	257	276	280	286	292	314	318	326	333	358	363	371	359	386	392	400	426	458	464	475
Lo PR	113	116	127	135	116	120	131	139	120	124	135	144	123	127	139	148	126	130	141	151	129	133	145	154	
75	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
	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	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
	kW	3.78	3.86	3.99	4.12	4.08	4.17	4.31	4.45	4.34	4.44	4.59	4.74	4.57	4.68	4.83	5.00	4.77	4.88	5.05	5.22	4.94	5.06	5.23	5.41
	Amps	13.6	13.9	14.4	15.0	14.8	15.1	15.7	16.3	16.1	16.6	17.2	17.9	17.3	17.8	18.4	19.2	18.5	19.0	19.7	20.5	19.7	20.2	21.0	21.8
	Hi PR	229	247	250	256	259	279	283	289	295	317	322	329	336	361	366	374	363	390	396	404	430	462	469	479
Lo PR	114	117	128	137	117	121	132	141	121	125	136	145	124	128	140	149	127	131	143	152	130	134	146	156	
2000	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	0.79	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	0.82	0.62	0.40
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	20	19	16	11	20	18	15	10
	kW	3.81	3.89	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.48	4.63	4.78	4.61	4.72	4.88	5.04	4.81	4.92	5.09	5.26	4.98	5.10	5.27	5.46
	Amps	13.7	14.1	14.6	15.1	14.9	15.3	15.8	16.5	16.3	16.7	17.3	18.0	17.5	18.0	18.6	19.4	18.7	19.2	19.9	20.7	19.9	20.4	21.2	22.0
	Hi PR	232	249	253	258	262	282	286	292	298	320	325	332	339	365	370	378	366	394	400	408	434	467	474	484
Lo PR	115	119	129	138	118	122	133	142	122	126	138	147	126	130	141	151	128	132	144	154	131	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

EXPANDED COOLING DATA — DX16SA0611A\* / CA\*F4961\*6D\*+EEP+TXV (CONT.)

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
<b>80</b>	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	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.48	0.87	0.82	0.66	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54
	ΔT	27	26	23	18	28	26	23	18	28	26	23	18	28	27	23	19	27	26	23	18	26	25	21	17
	kW	3.75	3.83	3.95	4.08	4.04	4.13	4.27	4.41	4.31	4.40	4.55	4.70	4.54	4.64	4.79	4.96	4.73	4.84	5.00	5.18	4.90	5.01	5.18	5.36
	Amps	13.4	13.8	14.3	14.8	14.6	15.0	15.5	16.2	16.0	16.4	17.0	17.7	17.2	17.6	18.3	19.0	18.4	18.8	19.5	20.3	19.5	20.0	20.8	21.6
	Hi PR	227	244	248	253	257	276	280	286	292	314	318	326	333	358	363	371	359	386	392	400	426	458	464	475
	Lo PR	113	116	127	135	116	120	131	139	120	124	135	144	123	127	139	148	126	130	141	151	129	133	145	154
	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
	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	1.00	0.92	0.75	0.56	1.00	0.93	0.75	0.56
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	27	25	22	17	25	24	20	16
kW	3.78	3.86	3.99	4.12	4.08	4.17	4.31	4.45	4.34	4.44	4.59	4.74	4.57	4.68	4.83	5.00	4.77	4.88	5.05	5.22	4.94	5.06	5.23	5.41	
Amps	13.6	13.9	14.4	15.0	14.8	15.1	15.7	16.3	16.1	16.6	17.2	17.9	17.3	17.8	18.4	19.2	18.5	19.0	19.7	20.5	19.7	20.2	21.0	21.8	
Hi PR	229	247	250	256	259	279	283	289	295	317	322	329	336	361	366	374	363	390	396	404	430	462	469	479	
Lo PR	114	117	128	137	117	121	132	141	121	125	136	145	124	128	140	149	127	131	143	152	130	134	146	156	
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	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	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	24	22	19	16	22	21	18	15	
kW	3.81	3.89	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.48	4.63	4.78	4.61	4.72	4.88	5.04	4.81	4.92	5.09	5.26	4.98	5.10	5.27	5.46	
Amps	13.7	14.1	14.6	15.1	14.9	15.3	15.8	16.5	16.3	16.7	17.3	18.0	17.5	18.0	18.6	19.4	18.7	19.2	19.9	20.7	19.9	20.4	21.2	22.0	
Hi PR	232	249	253	258	262	282	286	292	298	320	325	332	339	365	370	378	366	394	400	408	434	467	474	484	
Lo PR	115	119	129	138	118	122	133	142	122	126	138	147	126	130	141	151	128	132	144	154	131	135	148	157	

<b>85</b>	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	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.91	0.88	0.80	0.65	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	0.99	0.95	0.86	0.70
	ΔT	29	29	27	23	29	29	27	24	29	29	27	24	30	29	28	24	29	29	27	24	27	27	25	22
	kW	3.75	3.83	3.95	4.08	4.04	4.13	4.27	4.41	4.31	4.40	4.55	4.70	4.54	4.64	4.79	4.96	4.73	4.84	5.00	5.18	4.90	5.01	5.18	5.36
	Amps	13.4	13.8	14.3	14.8	14.6	15.0	15.5	16.2	16.0	16.4	17.0	17.7	17.2	17.6	18.3	19.0	18.4	18.8	19.5	20.3	19.5	20.0	20.8	21.6
	Hi PR	227	244	248	253	257	276	280	286	292	314	318	326	333	358	363	371	359	386	392	400	426	458	464	475
	Lo PR	113	116	127	135	116	120	131	139	120	124	135	144	123	127	139	148	126	130	141	151	129	133	145	154
	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
	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	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21
kW	3.78	3.86	3.99	4.12	4.08	4.17	4.31	4.45	4.34	4.44	4.59	4.74	4.57	4.68	4.83	5.00	4.77	4.88	5.05	5.22	4.94	5.06	5.23	5.41	
Amps	13.6	13.9	14.4	15.0	14.8	15.1	15.7	16.3	16.1	16.6	17.2	17.9	17.3	17.8	18.4	19.2	18.5	19.0	19.7	20.5	19.7	20.2	21.0	21.8	
Hi PR	229	247	250	256	259	279	283	289	295	317	322	329	336	361	366	374	363	390	396	404	430	462	469	479	
Lo PR	114	117	128	137	117	121	132	141	121	125	136	145	124	128	140	149	127	131	143	152	130	134	146	156	
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	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	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	24	23	20	22	23	22	19	
kW	3.81	3.89	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.48	4.63	4.78	4.61	4.72	4.88	5.04	4.81	4.92	5.09	5.26	4.98	5.10	5.27	5.46	
Amps	13.7	14.1	14.6	15.1	14.9	15.3	15.8	16.5	16.3	16.7	17.3	18.0	17.5	18.0	18.6	19.4	18.7	19.2	19.9	20.7	19.9	20.4	21.2	22.0	
Hi PR	232	249	253	258	262	282	286	292	298	320	325	332	339	365	370	378	366	394	400	408	434	467	474	484	
Lo PR	115	119	129	138	118	122	133	142	122	126	138	147	126	130	141	151	128	132	144	154	131	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 AHRI conditions

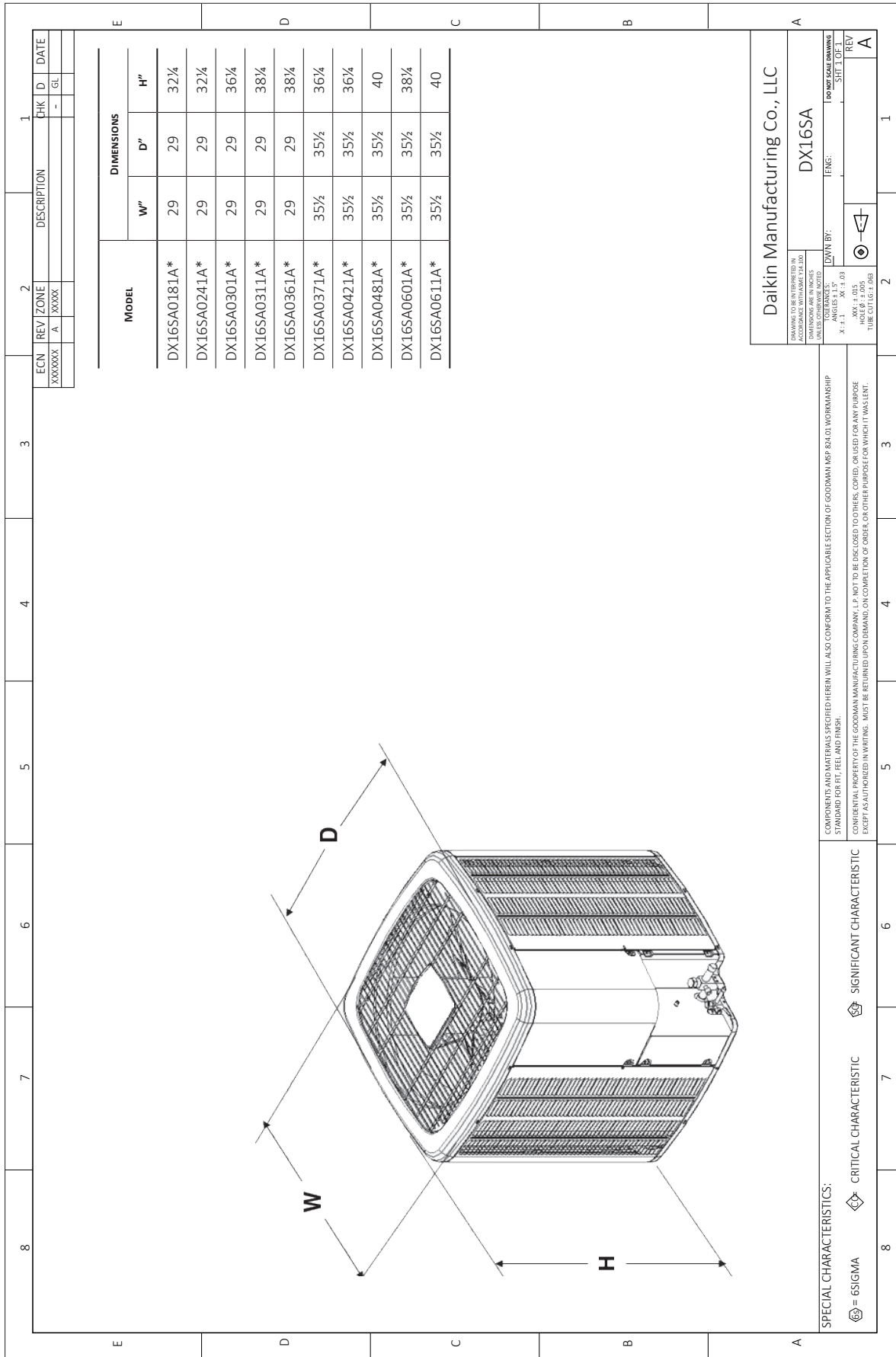
Amps = outdoor unit amps (comp.+fan)

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.***



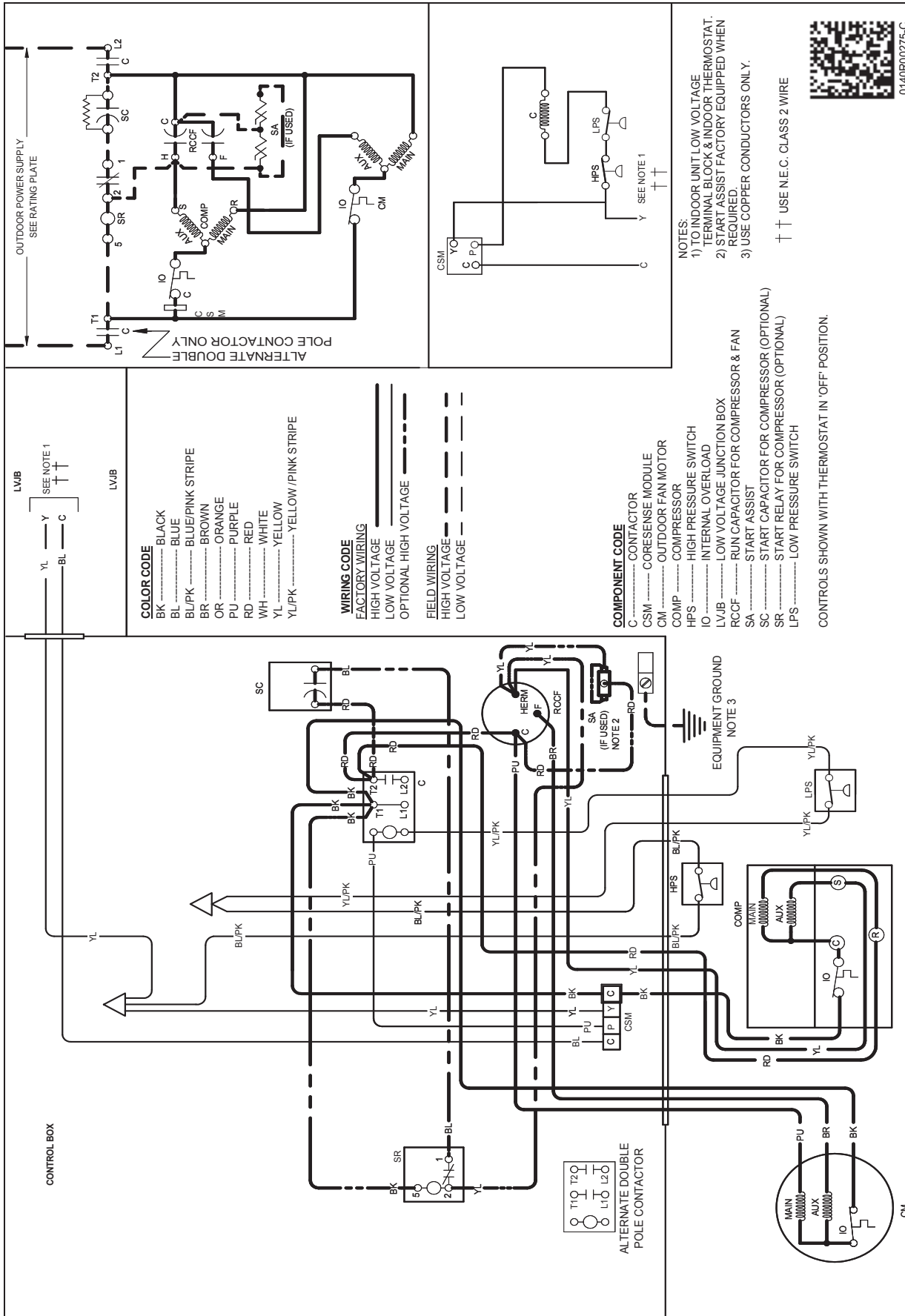


Daikin Manufacturing Co., LLC

DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.100 (DIMENSIONS AND NOTES)	DX16SA
DWG BY: _____	ENG: _____
TOLERANCES: X: ± 1.1      XX: ± 0.8	SHEET 1 OF 1
XXX: ± 0.05 HOLE & TAP: ± 0.05 TUBE CUT TO ± 0.03	REV: _____
	A

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.  
 CONFIDENTIAL PROPERTY OF THE GOODMAN MANUFACTURING COMPANY, L.P. NOT TO BE DISCLOSED TO OTHERS, COPIED, OR USED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING. MUST BE RETURNED UPON DEMAND, ON COMPLETION OF ORDER, OR OTHER PURPOSE FOR WHICH IT WAS LENT.

SPECIAL CHARACTERISTICS:  
 = 6SIGMA      = CRITICAL CHARACTERISTIC      = SIGNIFICANT CHARACTERISTIC

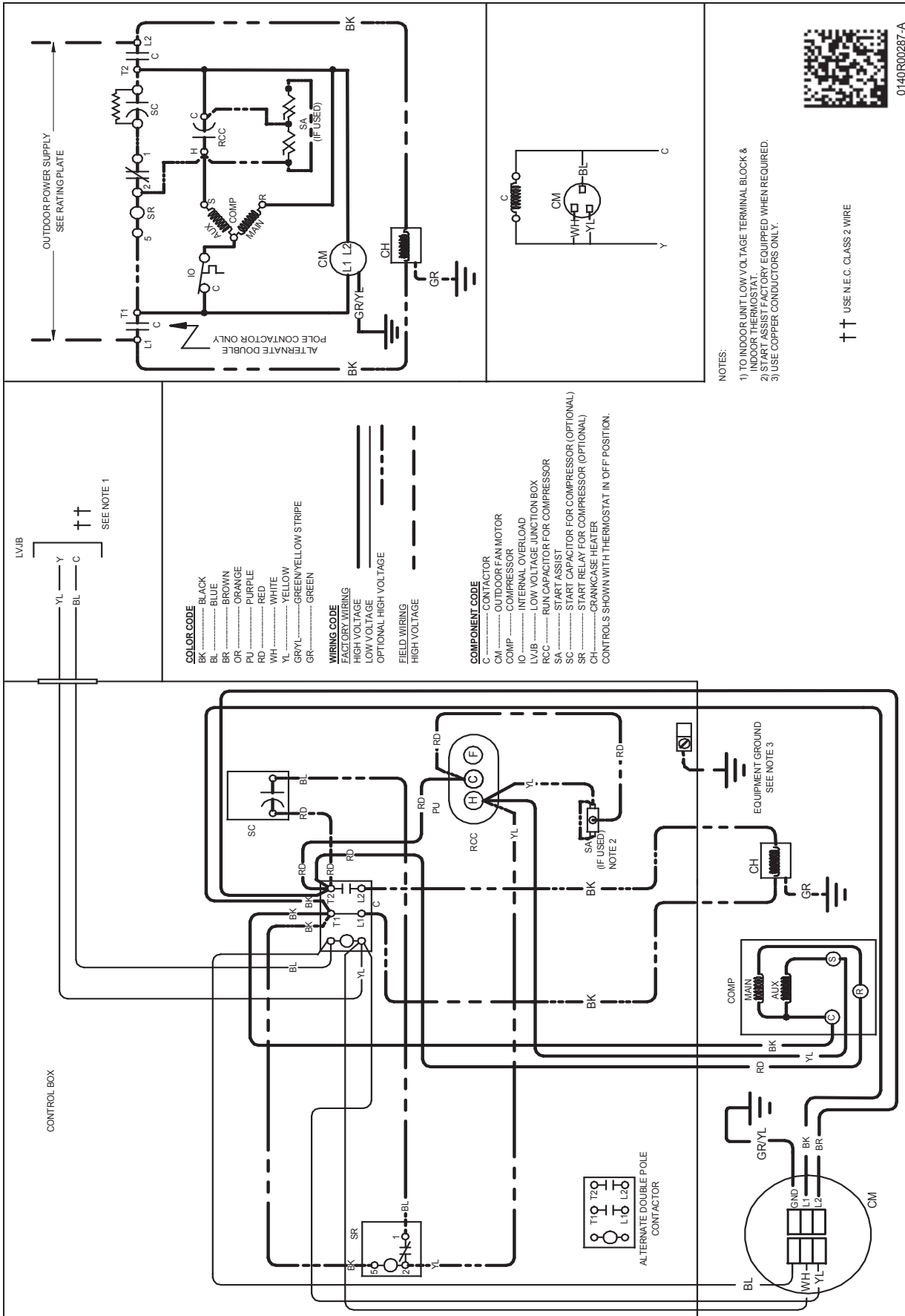


**WARNING**

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 on the unit for the most up-to-date wiring.



**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 on the unit for the most up-to-date wiring.

MODEL	DESCRIPTION	DX16SA 0181A*	DX16SA 0241A*	DX16SA 0301A*	DX16SA 0311A*	DX16SA 0361A*	DX16SA 0371A*	DX16SA 0421A*	DX16SA 0481A*	DX16SA 0601A*	DX16SA 0611A*
ABK-20	Anchor Bracket Kit ^	X	X	X	X	X	X	X	X	X	X
ABK-21	Anchor Bracket Kit ^										
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X	X	X				
CSR-U-2	Hard-start Kit					X	X	X	X	X	X
CSR-U-3	Hard-start Kit								X	X	X
0130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X	X	X	X
LAKT01A	Freeze-Stat Kit	X	X	X	X	X	X	X	X	X	X
TXV-30 <sup>2</sup>	TXV Kit	X	X	X	X						
TXV-42 <sup>2</sup>	TXV Kit					X	X	X			
TXV-48 <sup>2</sup>	TXV Kit								X		
TXV-60 <sup>2</sup>	TXV Kit									X	X

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

<sup>1</sup> Field-installed, non-bleed, expansion valve kit



