

# FIT<sup>1</sup>

UP TO 17.2 SEER2  
1½ TO 5 TONS

DAIKIN FIT  
HIGH-EFFICIENCY,  
COMMUNICATING,  
VARIABLE-SPEED, INVERTER DRIVE SIDE DISCHARGE  
SPLIT SYSTEM AIR CONDITIONER

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### Standard Features

- Daikin variable-speed swing compressors
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Daikin *One+* smart thermostat and other Daikin communicating equipment
- Daikin control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Daikin Inside intelligence for diagnostics
- Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA)
- Field-selectable boost mode increases compressor speed during unusually high loads
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

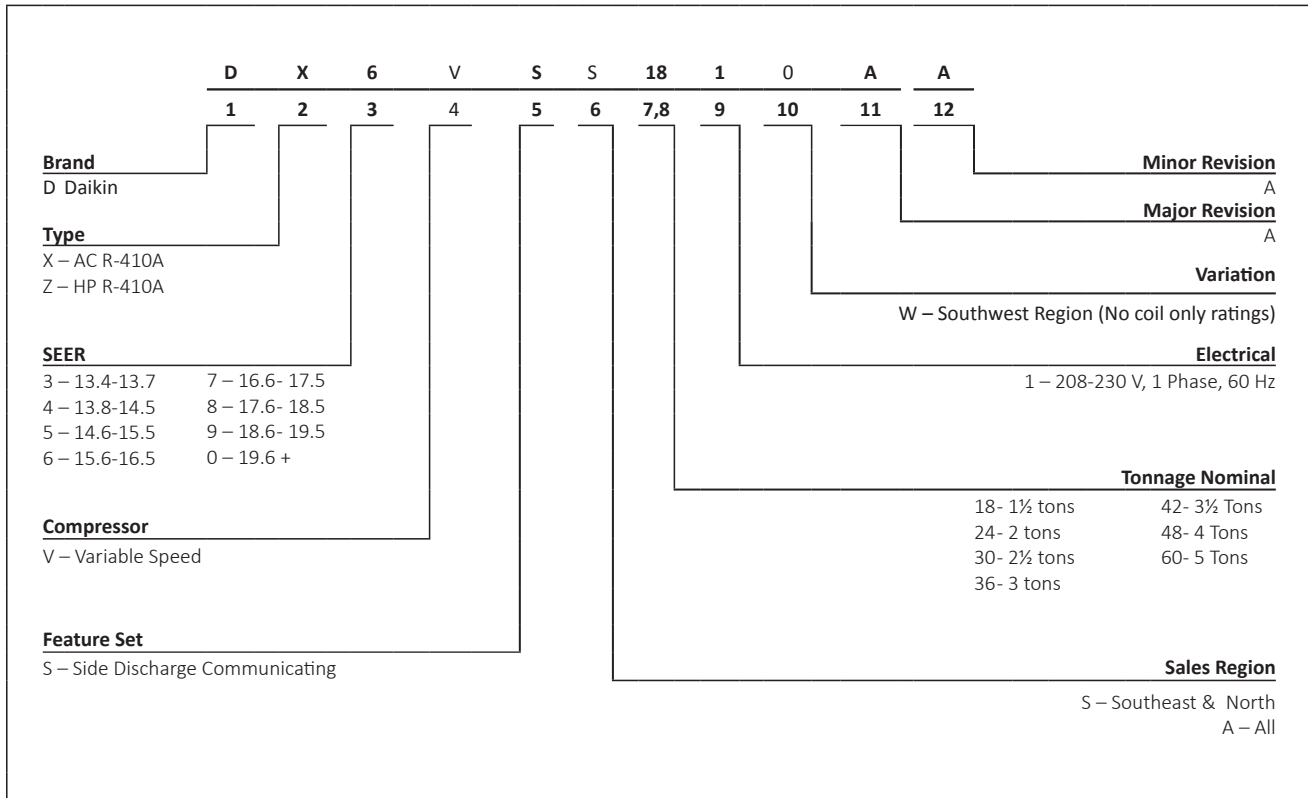
### Cabinet Features

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- High corrosion-resistant (ZAM®), unpainted steel bottom frame and legs on 1.5-3-ton models
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



\* Complete warranty details available from your local dealer or at [www.daikincomfort.com](http://www.daikincomfort.com). To receive the 12-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. The duration of warranty coverage in Texas and Florida differs in some cases.

NOMENCLATURE



	DX6VSS 1810A*	DX6VSS 2410A*	DX6VSS 3010A*	DX6VSS 3610A*	DX6VSS 4210A*	DX6VSS 4810A*	DX6VSS 6010A*
<b>CAPACITIES (AHRI RATED)</b>							
Max. Cooling (BTU/h)	16,600	22,200	27,800	33,600	39,500	45,000	53,000
<b>AMBIENT OPERATION RANGE</b> COOLING (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)						
<b>COMPRESSOR</b>							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8	25.5	25.5	26.9
<b>CONDENSER FAN MOTOR</b>							
Horsepower	0.09	0.09	0.20	0.20	0.36	0.36	0.36
FLA	1.15	1.15	2.00	2.00	1.63	1.63	1.63
<b>REFRIGERATION SYSTEM</b>							
Refrigerant Line Size <sup>1</sup>							
Liquid Line Size ("O.D.)	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"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	76	76	79	85	111	111	131
Expansion Device	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	15±1°F	8±1°F	9±1°F	9±1°F
<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
Minimum Circuit Ampacity <sup>2</sup>	14.6	18.8	23.9	23.9	34.4	34.4	36.2
Max. Overcurrent Protection <sup>3</sup>	15	20	25	25	35	35	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>EQUIPMENT WEIGHT (LBS)</b>	119	119	129	133	163	163	174
<b>SHIP WEIGHT (LBS)</b>	133	133	143	148	183	183	196

<sup>1</sup> Tested and rated in accordance with ANSI/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 3/8" to 1 1/8" 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. (See table below for allowable line set diameter)

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	1/4"	3/16"	3/8"	5/8"	3/4"	7/8"	1"
1.5	X		X	X <sup>4</sup>	X		
2.0		X	X	X <sup>4</sup>	X		
2.5		X	X		X <sup>4</sup>	X	
3.0		X	X		X <sup>4</sup>	X	
3.5			X			X	X
4.0			X			X	X
5.0			X			X	X

x Allowable combination

<sup>4</sup> For marked combinations, if normal ambient operation temperature is less than 14°F, limit line set length to 50 ft. max.

OUTDOOR UNIT	DX6VS*361*A*	
INDOOR UNIT	D*96VC0403B/0603B	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
	D*97MC0603B	
	D*80VC0603B/0803B	
	MBVC1200	
D*96SC0603BU		
OUTDOOR UNIT	DX6VS*601*A*	
INDOOR UNIT	D*96VC0804C	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
	D*97MC0804C	
	DM80VX0804C	

PRODUCT SPECIFICATIONS

	DX6VSA 181WA*	DX6VSA 241WA*	DX6VSA 301WA*	DX6VSA 361WA*
<b>CAPACITIES (AHRI RATED)</b>				
Max. Cooling (BTU/h)	16,600	22,200	27,800	32,400
<b>AMBIENT OPERATION RANGE</b> COOLING (°FDB(°CDB))	00 to 115 (-17.8 to 46.1)			
<b>COMPRESSOR</b>				
Type	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8
<b>CONDENSER FAN MOTOR</b>				
Horsepower	0.09	0.09	0.20	0.20
FLA	1.15	1.15	2.00	2.00
<b>REFRIGERATION SYSTEM</b>				
Refrigerant Line Size <sup>1</sup>				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing
Refrigerant Charge (oz.)	76	76	79	85
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	13±1°F
<b>ELECTRICAL DATA</b>				
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1
Minimum Circuit Ampacity <sup>2</sup>	14.6	18.8	23.9	23.9
Max. Overcurrent Protection <sup>3</sup>	15	20	25	25
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"
<b>EQUIPMENT WEIGHT (LBS)</b>	119	119	129	133
<b>SHIP WEIGHT (LBS)</b>	133	133	143	148

<sup>1</sup> Tested and rated in accordance with ANSI/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 3/8" to 1/4" 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.

EXPANDED COOLING DATA — DX6VSS1810A\* / DV24FECB14A\*

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																		
<b>70</b>	520	MBh	15.9	16.6	17.6	16.7	16.9	17.4	16.3	16.5	17.0	15.5	15.7	16.2	14.6	14.8	15.3	1.00	0.57	0.43	1.00	0.59	0.45	1.52	1.52	1.51	1.70	1.70	1.70	1.91	1.91	1.91																	
		S/T	0.62	0.54	0.40	0.62	0.54	0.40	0.65	0.57	0.43	1.00	0.59	0.45	1.00	0.61	0.47	18	16	13	18	16	13	18	16	13	18	16	13	19	17	14																	
		ΔT	21	19	13	18	16	13	18	16	13	18	16	13	18	16	13	18	16	13	18	16	13	18	16	13	18	16	13	19	17	14																	
		kW	1.04	1.07	1.07	1.20	1.20	1.20	1.36	1.35	1.35	5.1	5.1	5.1	1.36	1.35	1.35	5.1	5.1	5.1	1.36	1.35	1.35	5.8	5.8	5.8	6.6	6.6	6.6	7.5	7.5	7.5																	
		Amps	3.6	3.8	3.9	4.5	4.5	4.4	5.1	5.1	5.1	280	281	283	320	321	323	363	364	366	410	411	412	459	460	462	459	460	462	459	460	462																	
	610	Hi PR	243	245	245	280	281	283	320	321	323	363	364	366	410	411	412	459	460	462	459	460	462	459	460	462	459	460	462	459	460	462																	
		Lo PR	125	126	131	133	135	138	140	142	145	146	147	151	151	153	156	158	158	161	162	165	163	165	163	165	163	165	163	165	163																		
		MBh	16.6	17.3	17.9	17.0	17.2	17.7	16.5	16.8	17.3	15.8	16.0	16.5	14.8	15.1	15.6	1.00	0.67	0.53	1.00	0.69	0.55	1.53	1.53	1.52	1.71	1.71	1.70	1.92	1.92	1.92																	
		S/T	0.69	0.61	0.47	0.70	0.62	0.48	0.73	0.65	0.51	1.00	0.67	0.53	1.00	0.73	0.59	16	15	12	16	15	12	17	15	12	17	15	12	17	16	13																	
		ΔT	19	15	12	17	15	12	17	15	12	17	15	12	17	15	12	17	15	12	17	15	12	17	15	12	17	15	12	17	16	13																	
700	kW	1.08	1.08	1.07	1.21	1.21	1.21	1.36	1.36	1.36	5.2	5.1	5.1	1.36	1.36	1.36	5.9	5.9	5.8	6.6	6.6	6.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6																		
	Amps	3.8	3.9	3.9	4.5	4.5	4.5	5.2	5.1	5.1	366	367	368	412	413	415	462	463	464	412	413	415	462	463	464	462	463	464	462	463	464																		
	Hi PR	246	245	247	282	283	285	322	324	325	366	367	368	412	413	415	462	463	464	412	413	415	462	463	464	462	463	464	462	463	464																		
	Lo PR	127	130	133	136	137	140	142	144	147	148	150	153	151	152	155	156	158	161	162	165	163	165	163	165	163	165	163	165	163																			
	MBh	17.4	17.7	18.2	17.3	17.5	18.0	16.8	17.1	17.6	15.5	15.8	16.3	14.8	15.1	15.6	1.00	0.71	0.56	1.00	0.73	0.59	1.53	1.53	1.53	1.72	1.71	1.71	1.93	1.93	1.93																		
<b>75</b>	520	S/T	0.73	0.65	0.51	0.74	0.66	0.52	1.00	0.69	0.54	1.00	0.71	0.56	1.00	0.73	0.59	16	14	11	16	14	11	16	14	11	16	14	11	16	15	12																	
		ΔT	16	14	11	16	14	11	16	14	11	16	14	11	16	14	11	16	14	11	16	14	11	16	14	11	16	14	11	16	15	12																	
		kW	1.09	1.08	1.08	1.22	1.22	1.22	1.37	1.37	1.37	5.2	5.2	5.2	1.37	1.37	1.37	5.9	5.9	5.9	6.7	6.7	6.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6																	
		Amps	3.9	3.9	3.9	4.5	4.5	4.5	5.2	5.2	5.2	368	369	371	414	415	417	464	465	467	414	415	417	464	465	467	464	465	467	464	465	467																	
		Hi PR	247	248	249	285	286	288	325	326	328	368	369	371	414	415	417	464	465	467	414	415	417	464	465	467	464	465	467	464	465	467																	
	610	Lo PR	130	132	135	138	140	143	145	146	150	151	152	155	151	152	155	156	158	161	162	165	163	165	163	165	163	165	163	165	163																		
		MBh	16.6	17.4	17.9	18.6	17.0	17.2	17.7	18.5	18.2	16.7	16.9	17.5	16.5	16.8	17.3	15.8	16.3	16.8	17.6	16.5	16.8	17.3	15.5	15.8	16.3	14.8	15.1	15.6	16.4	16.4	16.5																
		S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.78	0.64	1.00	0.80	0.66	0.51	1.00	0.80	0.66	0.51	1.00	0.80	0.66	0.51	1.00	0.74	0.59																	
		ΔT	23	19	16	12	20	19	16	12	20	19	16	12	20	19	16	12	20	19	16	12	20	19	16	12	20	19	16	12	21	19	16																
		kW	1.08	1.08	1.07	1.08	1.21	1.21	1.21	1.22	1.22	1.22	1.36	1.36	1.36	1.36	1.36	1.37	5.8	5.8	5.8	6.6	6.6	6.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6																
700	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	5.9	6.6	6.6	6.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6																		
	Hi PR	246	245	247	251	283	284	285	290	323	324	325	330	366	367	369	373	412	413	415	419	462	463	465	469	462	463	465	469	462	463	465																	
	Lo PR	127	130	133	138	136	137	140	146	148	148	149	153	148	149	153	148	150	153	158	154	155	158	162	163	166	161	162	165	171	171	171																	
	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	18.8	17.3	17.5	18.0	16.8	17.1	17.6	16.1	16.3	16.8	17.6	16.5	16.8	17.6	15.8	16.3	16.8	17.6	16.5	16.8	17.6	16.5	16.8																	
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.82	0.68	1.00	0.84	0.70	0.55	1.00	0.84	0.70	0.55	1.00	0.84	0.70	0.55	1.00	0.78	0.63																		
700	ΔT	19	18	15	11	19	18	15	11	19	18	15	11	19	18	15	11	19	18	15	11	19	18	15	11	19	18	15	11	20	18	15																	
	kW	1.08	1.08	1.08	1.09	1.22	1.22	1.22	1.23	1.23	1.37	1.37	1.38	1.37	1.37	1.37	1.38	5.9	5.9	5.9	6.7	6.7	6.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6																	
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	4.6	5.2	5.2	5.2	5.2	5.2	5.2	5.9	5.9	5.9	6.7	6.7	6.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6																		
	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	464	465	467	471	464	465	467																	
	Lo PR	130	132	135	141	138	140	143	148	148	149	153	153	148	149	153	158	154	155	158	164	161	162	165	169	163	166	161	162	165	173	173																	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

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

EXPANDED COOLING DATA — DX6VSS1810A\* / DV24FECB14A\* (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	16.0	16.7	17.7	18.5	16.8	17.0	17.5	18.3	16.4	16.6	17.1	17.9	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3
	S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64
	ΔT	29	27	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.36	1.35	1.35	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6
	Hi PR	243	245	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467
	Lo PR	125	127	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154	157	162	159	161	164	169
	MBh	16.7	17.4	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	14.9	15.2	15.7	16.4	14.1	14.3	14.8	15.6
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72
	ΔT	28	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17
kW	1.08	1.08	1.07	1.09	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.53	1.52	1.53	1.71	1.71	1.70	1.72	1.92	1.92	1.92	1.93	
Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6	
Hi PR	247	246	248	248	283	284	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463	465	469	
Lo PR	127	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171	
MBh	17.5	17.8	18.3	19.0	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.4	16.2	16.4	16.9	17.7	15.2	15.5	16.0	16.8	14.4	14.6	15.1	15.9	
S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.76	
ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16	
kW	1.09	1.08	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.53	1.53	1.53	1.54	1.72	1.71	1.71	1.72	1.93	1.93	1.93	1.94	
Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6	
Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	467	472	
Lo PR	131	133	136	141	139	140	143	149	145	147	150	156	151	153	156	161	157	158	161	167	164	165	168	174	
MBh	16.3	16.9	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.2	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	14.1	14.3	14.9	15.6	
S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.80	0.69	1.00	1.00	0.87	0.75	
ΔT	33	31	24	20	28	27	24	20	28	27	24	21	28	27	24	20	28	26	23	20	29	27	24	21	
kW	1.04	1.07	1.07	1.08	1.21	1.21	1.20	1.21	1.36	1.36	1.35	1.36	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.92	1.91	1.91	1.92	
Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.5	7.5	7.6	
Hi PR	245	246	246	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	464	468	
Lo PR	127	128	133	138	136	138	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171	
MBh	16.9	17.7	18.2	19.0	17.3	17.6	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.7	14.4	14.6	15.1	15.9	
S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.80	0.77	1.00	1.00	0.87	0.82	
ΔT	31	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20	
kW	1.08	1.08	1.08	1.09	1.22	1.21	1.21	1.22	1.37	1.36	1.36	1.37	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.92	1.92	1.92	1.93	
Amps	3.8	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.2	5.2	5.1	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.6	6.7	7.6	7.6	7.6	7.6	
Hi PR	248	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470	
Lo PR	129	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173	
MBh	17.8	18.1	18.6	19.3	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.7	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.0	14.7	14.9	15.4	16.2	
S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	0.80	0.81	1.00	1.00	0.87	0.86	
ΔT	26	25	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19	
kW	1.09	1.09	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.54	1.53	1.53	1.54	1.72	1.72	1.71	1.72	1.93	1.93	1.93	1.94	
Amps	4.0	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6	
Hi PR	248	249	251	255	287	288	289	294	327	328	329	334	370	371	372	377	416	417	419	423	466	467	469	473	
Lo PR	133	134	138	143	141	142	145	151	147	149	152	157	153	155	158	163	159	160	163	169	166	167	170	176	

iDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSS2410A\* / DV24FECB14A\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																									
		65°F							75°F							85°F							95°F							105°F							115°F						
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71										
		ENTERING INDOOR WET BULB TEMPERATURE																																									
AIRFLOW		21.2	22.3	23.5	22.3	22.6	23.3	21.7	22.1	22.7	20.7	21.0	21.7	19.5	19.8	20.5	20.7	21.1	21.4	22.1	19.8	20.2	20.8	18.7	19.0	19.7																	
MBh		0.61	0.53	0.39	0.61	0.53	0.40	0.64	0.56	0.42	0.66	0.58	0.44	1.00	0.60	0.46	0.66	0.58	0.44	1.00	0.68	0.54	1.00	0.66	0.52																		
S/T		20	19	13	18	16	13	18	16	13	18	16	13	18	16	13	18	16	13	18	16	13	18	16	13																		
ΔT		1.44	1.50	1.53	1.73	1.73	1.73	1.95	1.95	1.95	2.19	2.19	2.19	2.46	2.46	2.45	2.19	2.19	2.19	2.46	2.46	2.45	2.77	2.77	2.76																		
kW		5.1	5.3	5.5	6.4	6.4	6.4	7.3	7.3	7.3	8.4	8.4	8.4	9.5	9.5	9.5	8.4	8.4	8.4	9.5	9.5	9.5	10.9	10.9	10.9																		
Amps		256	259	264	302	303	305	345	346	348	391	393	394	442	443	445	391	393	394	442	443	445	495	496	498																		
Hi PR		121	122	127	130	131	134	136	138	141	142	143	144	145	148	151	142	143	146	147	148	152	154	155	158																		
Lo PR		22.3	23.2	23.9	22.7	23.0	23.7	22.1	22.4	23.1	21.1	21.4	22.1	19.8	20.2	20.8	21.1	21.4	22.1	19.8	20.2	20.8	18.7	19.0	19.7																		
MBh		0.68	0.61	0.47	0.69	0.61	0.47	0.72	0.64	0.50	1.00	0.66	0.52	1.00	0.68	0.54	1.00	0.66	0.52	1.00	0.68	0.54	1.00	0.73	0.59																		
S/T		19	15	12	17	15	12	17	15	12	17	15	12	16	14	11	16	14	11	16	14	11	16	15	12																		
ΔT		1.52	1.55	1.54	1.74	1.74	1.74	1.96	1.96	1.96	2.20	2.20	2.20	2.47	2.47	2.46	2.20	2.20	2.20	2.47	2.47	2.46	2.78	2.78	2.78																		
kW		5.4	5.6	5.6	6.4	6.4	6.4	7.4	7.4	7.4	8.4	8.4	8.4	9.6	9.6	9.6	8.4	8.4	8.4	9.6	9.6	9.6	10.9	10.9	10.9																		
Amps		261	264	266	305	306	308	348	349	351	394	395	397	444	444	447	394	395	397	444	444	447	498	499	501																		
Hi PR		123	126	129	132	133	136	138	140	143	141	142	145	141	142	145	141	142	145	149	151	154	156	157	161																		
Lo PR		23.3	23.6	24.3	23.1	23.4	24.1	22.5	22.8	23.5	21.5	21.8	22.5	20.3	20.6	21.3	21.5	21.8	22.5	20.3	20.6	21.3	19.1	19.5	20.1																		
MBh		0.72	0.64	0.51	0.73	0.65	0.51	0.76	0.68	0.54	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.77	0.63																		
S/T		16	14	11	16	14	11	16	14	11	16	14	11	15	14	11	16	14	11	15	14	11	16	15	12																		
ΔT		1.56	1.56	1.55	1.76	1.75	1.75	1.98	1.97	1.97	2.21	2.21	2.21	2.48	2.48	2.47	2.21	2.21	2.21	2.48	2.48	2.47	2.79	2.79	2.79																		
kW		5.6	5.6	5.6	6.5	6.5	6.5	7.4	7.4	7.4	8.5	8.5	8.5	9.6	9.6	9.6	8.5	8.5	8.5	9.6	9.6	9.6	11.0	11.0	11.0																		
Amps		266	267	269	307	308	310	350	351	353	397	398	400	447	448	450	397	398	400	447	448	450	500	501	503																		
Hi PR		127	128	131	134	136	139	141	142	145	141	142	145	141	142	145	141	142	145	152	153	156	158	160	163																		
Lo PR		21.3	22.3	23.5	22.3	22.7	23.3	24.4	22.5	22.8	23.5	21.5	21.8	22.5	20.3	20.6	21.3	21.5	21.8	22.5	20.3	20.6	21.3	19.1	19.5	20.1																	
MBh		0.75	0.66	0.52	0.75	0.67	0.53	0.76	0.69	0.55	0.41	0.41	0.41	1.00	0.74	0.60	0.43	0.43	0.43	1.00	0.74	0.60	1.00	1.00	0.65																		
S/T		24	23	17	21	20	17	14	22	20	17	14	13	21	19	16	13	13	13	21	19	16	22	20	17																		
ΔT		1.44	1.50	1.53	1.73	1.73	1.73	1.96	1.96	1.96	2.19	2.19	2.19	2.46	2.45	2.45	2.19	2.19	2.19	2.46	2.45	2.45	2.77	2.77	2.76																		
kW		5.1	5.3	5.5	6.4	6.4	6.4	7.3	7.3	7.3	8.4	8.4	8.4	9.5	9.5	9.5	8.4	8.4	8.4	9.5	9.5	9.5	10.9	10.9	10.9																		
Amps		257	260	264	302	303	305	345	346	348	392	393	395	442	443	445	392	393	395	442	443	445	495	496	498																		
Hi PR		121	122	127	130	131	134	139	136	138	141	146	146	147	148	151	142	143	146	147	148	152	154	155	158																		
Lo PR		22.3	23.2	23.9	22.7	23.0	23.7	24.7	22.1	22.4	23.1	24.1	24.1	21.1	21.4	22.1	21.1	21.4	22.1	19.8	20.2	20.8	18.7	19.0	19.7																		
MBh		0.82	0.74	0.60	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	0.48	1.00	0.79	0.65	0.50	0.50	0.50	1.00	0.81	0.67	1.00	1.00	0.73																		
S/T		23	19	15	20	18	15	12	20	19	16	13	13	20	18	15	12	12	12	20	18	15	21	19	16																		
ΔT		1.52	1.54	1.54	1.74	1.74	1.74	1.96	1.96	1.96	2.20	2.20	2.20	2.47	2.47	2.46	2.20	2.20	2.20	2.47	2.47	2.46	2.78	2.78	2.79																		
kW		5.4	5.6	5.6	6.4	6.4	6.4	7.4	7.4	7.4	8.4	8.4	8.4	9.6	9.6	9.6	8.4	8.4	8.4	9.6	9.6	9.6	10.9	10.9	11.0																		
Amps		261	265	267	305	306	308	312	348	349	351	355	355	394	396	397	402	402	402	445	446	447	498	499	501																		
Hi PR		123	126	129	132	133	136	142	138	140	143	148	148	144	145	148	154	154	154	149	151	154	156	157	161																		
Lo PR		23.3	23.7	24.3	23.1	23.4	24.1	25.2	22.5	22.9	23.5	24.6	24.6	21.5	21.8	22.5	23.5	23.5	23.5	20.3	20.6	21.3	19.2	19.5	20.1																		
MBh		0.86	0.78	0.64	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	0.52	1.00	0.83	0.69	0.54	0.54	0.54	1.00	0.85	0.71	1.00	1.00	0.77																		
S/T		19	18	15	19	18	14	11	19	18	15	12	12	19	17	14	11	11	11	19	17	14	20	18	15																		
ΔT		1.56	1.56	1.55	1.75	1.75	1.75	1.98	1.97	1.97	2.21	2.21	2.21	2.48	2.48	2.47	2.21	2.21	2.21	2.48	2.48	2.47	2.79	2.79	2.80																		
kW		5.6	5.6	5.6	6.5	6.5	6.5	7.4	7.4	7.4	8.5	8.5	8.5	9.6	9.6	9.6	8.5	8.5	8.5	9.6	9.6	9.6	11.0	11.0	11.0																		
Amps		266	267	269	307	308	310	315	351	352	353	358	358	397	398	400	405	405	405	447	448	450	501	502	504																		
Hi PR		127	128	131	134	136	139	144	141	142	145	150	150	146	148	151	156	156	156	152	153	156	158	160	163																		
Lo PR		21.3	22.3	23.5	22.3	22.7	23.3	24.4	22.5	22.8	23.5	24.6	24.6	21.5	21.8	22.5	23.5	23.5	23.5	20.3	20.6	21.3	19.2	19.5	20.1																		

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

EXPANDED COOLING DATA — DX6VSS2410A\* / DV24FECB14A\*(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>680</b>	MBh	21.4	22.4	23.7	24.7	22.5	22.8	23.5	24.5	21.9	22.2	22.9	23.9	20.9	21.2	21.8	22.9	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5
	S/T	0.88	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63
	ΔT	29	27	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.44	1.50	1.53	1.55	1.73	1.73	1.73	1.74	1.95	1.95	1.95	1.96	2.19	2.19	2.19	2.20	2.46	2.45	2.45	2.47	2.77	2.77	2.76	2.78
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9
	Hi PR	257	260	264	269	303	304	306	310	346	347	349	353	392	393	395	400	442	443	445	450	496	497	499	503
	Lo PR	122	123	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	154	156	159	164
	MBh	22.4	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.0	20.3	21.0	22.0	18.8	19.2	19.8	20.9
	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	0.66	1.00	1.00	0.86	0.71
	ΔT	27	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	17
kW	1.52	1.55	1.54	1.56	1.74	1.74	1.74	1.75	1.96	1.96	1.96	1.97	2.20	2.20	2.20	2.21	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.79	
Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	10.9	10.9	10.9	11.0	
Hi PR	262	265	267	272	305	306	308	313	348	350	351	356	395	396	398	402	445	446	448	453	498	500	501	506	
Lo PR	123	126	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160	156	158	161	166	
MBh	23.4	23.8	24.4	25.5	23.2	23.6	24.2	25.3	22.7	23.0	23.7	24.7	21.6	22.0	22.6	23.7	20.4	20.7	21.4	22.4	19.3	19.6	20.3	21.3	
S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75	
ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19	16	
kW	1.56	1.56	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.99	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.49	2.79	2.79	2.79	2.80	
Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0	
Hi PR	267	268	270	274	308	309	311	315	351	352	354	359	397	399	400	405	448	449	451	455	501	502	504	509	
Lo PR	127	129	132	137	135	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	160	164	169	
MBh	21.7	22.8	24.0	25.1	22.8	23.2	23.8	24.9	22.3	22.6	23.2	24.3	21.2	21.6	22.2	23.3	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9	
S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74	
ΔT	32	30	23	20	28	26	23	20	28	27	24	21	28	26	23	20	28	26	23	20	29	27	24	21	
kW	1.44	1.51	1.53	1.55	1.74	1.73	1.73	1.75	1.96	1.95	1.95	1.97	2.19	2.19	2.19	2.20	2.46	2.46	2.46	2.47	2.77	2.77	2.77	2.78	
Amps	5.1	5.4	5.5	5.6	6.4	6.4	6.4	6.4	7.4	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9	
Hi PR	258	261	266	270	304	305	307	311	347	348	350	354	393	395	396	401	444	445	447	451	497	498	500	505	
Lo PR	124	125	129	134	132	133	137	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	
MBh	22.8	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	23.6	20.3	20.7	21.3	22.4	19.2	19.5	20.2	21.2	
S/T	1.00	0.97	0.83	0.69	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	0.91	0.76	1.00	1.00	1.00	0.81	
ΔT	31	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23	20	
kW	1.52	1.55	1.55	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.96	1.98	2.21	2.21	2.20	2.22	2.47	2.47	2.47	2.48	2.79	2.78	2.78	2.80	
Amps	5.4	5.6	5.6	5.6	6.5	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	11.0	11.0	10.9	11.0	
Hi PR	263	266	268	273	306	308	309	314	350	351	353	357	396	397	399	404	446	447	449	454	500	501	503	507	
Lo PR	125	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168	
MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.4	24.0	25.1	22.0	22.3	23.0	24.0	20.8	21.1	21.8	22.8	19.7	20.0	20.6	21.7	
S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.85	
ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19	
kW	1.56	1.56	1.56	1.57	1.76	1.76	1.75	1.77	1.98	1.98	1.97	1.99	2.22	2.22	2.21	2.23	2.48	2.48	2.48	2.49	2.80	2.79	2.79	2.81	
Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.4	7.4	7.5	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0	
Hi PR	268	269	271	275	309	310	312	317	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510	
Lo PR	129	131	134	139	136	138	141	146	143	145	148	153	149	150	153	158	154	155	159	164	161	162	165	171	

iDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



EXPANDED COOLING DATA — DX6VSS3010A\* / DV36FECC14A\*

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	25.8	27.5	29.5	28.0	28.4	29.2	27.2	27.6	28.5	26.0	26.4	27.2	24.4	24.8	25.6	23.0	23.4	24.2						
	S/T	0.61	0.54	0.38	0.61	0.53	0.39	0.63	0.55	0.42	1.00	0.57	0.44	1.00	0.60	0.46	1.00	0.65	0.51						
	ΔT	20	18	13	17	16	13	18	16	13	17	16	13	17	16	13	18	17	14						
	kW	1.71	1.87	1.97	2.22	2.22	2.22	2.50	2.50	2.49	2.80	2.80	2.79	3.13	3.13	3.13	3.53	3.53	3.52						
	Amps	6.1	6.6	7.0	8.1	8.1	8.1	9.3	9.3	9.3	10.6	10.6	10.6	12.1	12.1	12.1	13.8	13.8	13.8						
	Hi PR	265	269	274	314	315	317	358	360	362	407	408	410	459	460	462	514	516	517						
	Lo PR	124	125	129	132	133	136	138	140	143	144	145	149	149	151	154	156	158	161						
	MBh	27.5	29.1	29.9	28.4	28.8	29.6	27.7	28.1	28.9	26.4	26.8	27.6	24.8	25.2	26.1	23.4	23.8	24.7						
	S/T	0.69	0.60	0.46	0.68	0.60	0.47	0.71	0.63	0.49	1.00	0.65	0.51	1.00	0.67	0.53	1.00	0.72	0.59						
	ΔT	19	15	12	16	15	12	16	15	12	16	15	12	16	14	11	17	15	12						
kW	1.88	1.99	1.98	2.24	2.24	2.23	2.51	2.51	2.51	2.81	2.81	2.81	3.15	3.15	3.14	3.54	3.54	3.54							
Amps	6.7	7.1	7.1	8.2	8.2	8.2	9.4	9.4	9.4	10.7	10.7	10.7	12.2	12.1	12.1	13.9	13.9	13.8							
Hi PR	271	275	277	316	318	319	361	362	364	409	411	413	462	463	465	517	518	520							
Lo PR	125	128	131	134	135	138	140	142	145	146	148	151	151	153	156	158	160	163							
MBh	29.2	29.6	30.4	28.9	29.3	30.2	28.2	28.6	29.4	26.9	27.3	28.2	25.4	25.8	26.6	24.0	24.4	25.2							
S/T	0.71	0.64	0.50	0.72	0.64	0.51	0.75	0.67	0.53	1.00	0.69	0.55	1.00	0.71	0.57	1.00	0.76	0.62							
ΔT	15	14	11	15	14	11	16	14	11	15	14	11	15	13	10	16	14	11							
kW	2.00	2.00	2.00	2.25	2.25	2.24	2.53	2.53	2.52	2.83	2.83	2.82	3.16	3.16	3.16	3.56	3.55	3.55							
Amps	7.2	7.2	7.1	8.2	8.2	8.2	9.5	9.4	9.4	10.8	10.7	10.7	12.2	12.2	12.2	13.9	13.9	13.9							
Hi PR	276	277	279	319	320	322	364	365	367	412	413	415	464	465	467	520	521	523							
Lo PR	129	130	133	136	138	141	143	144	148	148	150	153	154	155	159	161	162	165							
<b>75</b>	MBh	25.8	27.5	29.5	28.0	28.4	29.2	27.2	27.6	28.5	26.0	26.4	27.2	24.4	24.8	25.6	23.0	23.4	24.2						
	S/T	0.75	0.67	0.52	0.74	0.66	0.52	0.77	0.69	0.55	1.00	0.70	0.57	1.00	0.73	0.59	1.00	1.00	0.64						
	ΔT	24	22	16	21	19	16	21	20	17	21	19	16	21	19	16	22	20	17						
	kW	1.71	1.87	1.97	2.22	2.22	2.21	2.50	2.50	2.49	2.80	2.80	2.79	3.13	3.13	3.13	3.53	3.52	3.52						
	Amps	6.1	6.6	7.0	8.1	8.1	8.1	9.3	9.3	9.3	10.6	10.6	10.6	12.1	12.1	12.1	13.8	13.8	13.8						
	Hi PR	265	269	274	314	315	317	358	360	362	407	408	410	459	460	462	514	516	517						
	Lo PR	124	125	129	132	133	136	138	140	143	144	145	149	149	151	154	156	158	161						
	MBh	27.5	29.1	29.9	28.4	28.8	29.7	27.7	28.1	28.9	26.4	26.8	27.6	24.8	25.2	26.1	23.4	23.8	24.7						
	S/T	0.83	0.73	0.59	0.83	0.74	0.60	0.87	0.76	0.62	1.00	0.78	0.64	1.00	0.80	0.67	1.00	1.00	0.72						
	ΔT	23	18	15	20	18	15	20	18	15	20	18	15	20	18	15	21	19	16						
kW	1.88	1.99	1.98	2.24	2.23	2.23	2.51	2.51	2.51	2.81	2.81	2.81	3.15	3.15	3.14	3.54	3.54	3.55							
Amps	6.6	7.1	7.1	8.2	8.2	8.2	9.4	9.4	9.4	10.7	10.7	10.7	12.1	12.1	12.1	13.9	13.9	13.8							
Hi PR	271	275	277	316	318	320	361	363	365	410	411	413	462	463	465	517	519	520							
Lo PR	125	128	131	134	135	138	140	142	145	146	148	151	152	153	156	158	160	163							
MBh	29.2	29.6	30.5	29.0	29.4	30.2	28.2	28.6	29.5	26.9	27.3	28.2	25.4	25.8	26.6	24.0	24.4	25.2							
S/T	0.84	0.77	0.63	0.84	0.77	0.64	0.91	0.80	0.66	1.00	0.82	0.68	1.00	1.00	0.70	1.00	1.00	0.76							
ΔT	19	17	14	19	17	14	19	17	14	19	17	14	19	17	14	20	18	15							
kW	2.00	2.00	1.99	2.25	2.25	2.24	2.53	2.52	2.52	2.83	2.82	2.82	3.16	3.16	3.15	3.55	3.55	3.57							
Amps	7.2	7.2	7.1	8.2	8.2	8.2	9.4	9.4	9.5	10.7	10.7	10.8	12.2	12.2	12.2	13.9	13.9	13.9							
Hi PR	276	278	280	319	320	322	364	365	367	412	414	415	464	466	468	520	521	523							
Lo PR	129	130	133	136	138	141	143	144	148	148	150	153	154	155	159	161	162	166							

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.  
 Shaded area is ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSS3010A\* / DV36FECC14A\* (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	
<b>80</b>	MBh	25.9	27.6	29.6	30.9	28.1	28.5	29.4	30.7	27.4	27.8	28.6	29.9	26.1	26.5	27.4	28.7	24.6	25.0	25.8	27.1	23.2	23.5	24.4	25.7	
	S/T	1.00	0.80	0.64	0.50	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	1.00	0.69	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62
	ΔT	28	26	20	17	24	23	20	17	25	23	20	17	24	23	20	17	24	23	20	17	25	24	21	18	
	kW	1.71	1.87	1.97	1.99	2.22	2.22	2.22	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.9
	Hi PR	266	270	275	279	314	316	317	322	359	360	362	367	407	407	409	411	415	460	461	463	467	515	516	518	523
	Lo PR	124	125	129	135	132	134	137	142	139	140	143	149	144	146	146	149	154	150	151	155	160	157	158	161	167
	MBh	27.7	29.2	30.1	31.4	28.6	29.0	29.8	31.1	27.8	28.2	29.1	30.4	26.6	27.0	<b>27.8</b>	29.1	25.0	25.4	26.2	27.5	23.6	24.0	24.8	26.1	
	S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	<b>0.77</b>	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	
	ΔT	27	22	19	16	23	22	19	16	23	22	19	16	23	22	<b>19</b>	16	23	21	18	15	24	22	19	16	
kW	1.88	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	<b>2.81</b>	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.56		
Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	<b>10.7</b>	10.8	12.2	12.1	12.1	12.2	13.9	13.9	13.8	13.9		
Hi PR	271	275	277	282	317	318	320	325	362	363	365	370	410	410	<b>411</b>	418	462	463	465	470	518	519	521	526		
Lo PR	126	128	131	137	134	136	139	144	141	142	146	151	147	148	<b>151</b>	157	152	154	157	162	159	160	164	169		
MBh	29.4	29.8	30.6	31.9	29.1	29.5	30.3	31.6	28.4	28.8	29.6	30.9	27.1	27.5	28.3	29.6	25.5	25.9	26.8	28.1	24.1	24.5	25.4	26.7		
S/T	1.00	0.89	0.76	0.61	1.00	0.90	0.76	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.88	0.74		
ΔT	22	21	18	15	22	21	18	15	23	21	18	15	22	21	18	15	22	20	18	14	23	21	19	15		
kW	2.00	2.00	2.00	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	<b>2.82</b>	2.84	3.16	3.16	3.16	3.17	3.56	3.55	3.55	3.57		
Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.8	10.7	<b>10.7</b>	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0		
Hi PR	277	278	280	285	320	321	323	328	365	366	368	372	413	414	<b>416</b>	421	465	466	468	473	520	522	524	528		
Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	<b>154</b>	159	154	156	159	164	161	163	166	171		
MBh	26.4	28.1	30.1	31.4	28.6	29.0	29.9	31.1	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.3	27.6	23.6	24.0	24.9	26.2		
S/T	1.00	0.91	0.75	0.60	1.00	1.00	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	0.67	1.00	1.00	1.00	0.73		
ΔT	32	30	23	20	28	26	23	20	28	26	23	20	28	26	23	20	27	26	23	20	28	27	24	21		
kW	1.72	1.87	1.97	1.99	2.23	2.22	2.22	2.24	2.50	2.50	2.50	2.52	2.80	2.80	<b>2.80</b>	2.82	3.14	3.14	3.13	3.15	3.53	3.53	3.53	3.54		
Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.7	10.6	<b>10.6</b>	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.9		
Hi PR	267	271	276	281	316	317	319	323	360	362	364	368	409	410	<b>412</b>	417	461	462	464	469	516	518	519	524		
Lo PR	126	127	131	136	134	136	139	144	141	142	145	151	146	148	<b>151</b>	156	152	153	156	162	159	160	163	169		
MBh	28.1	29.7	30.5	31.8	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.8	27.0	27.4	28.3	29.6	25.5	25.9	26.7	28.0	24.1	24.5	25.3	26.6		
S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.80		
ΔT	30	25	22	19	26	25	22	19	27	25	22	19	26	25	22	19	26	25	22	19	27	26	23	20		
kW	1.89	1.99	1.99	2.01	2.24	2.24	2.24	2.25	2.52	2.52	2.51	2.53	2.82	2.82	<b>2.82</b>	2.83	3.15	3.15	3.15	3.17	3.55	3.55	3.54	3.56		
Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	<b>10.7</b>	10.8	12.2	12.2	12.1	12.2	13.9	13.9	13.9	13.9		
Hi PR	273	277	279	283	318	320	321	326	363	364	366	371	411	413	<b>415</b>	419	464	465	467	471	519	520	522	527		
Lo PR	128	130	133	139	136	138	141	146	143	144	148	153	148	150	<b>153</b>	158	154	155	159	164	161	162	166	171		
MBh	29.8	30.2	31.1	32.4	29.6	30.0	30.8	32.1	28.8	29.2	30.1	31.4	27.6	28.0	28.8	30.1	26.0	26.4	27.3	28.6	24.6	25.0	25.8	27.1		
S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.84		
ΔT	25	24	21	18	25	24	21	18	26	24	21	18	25	24	21	18	25	24	21	18	26	25	22	19		
kW	2.01	2.00	2.00	2.02	2.25	2.25	2.25	2.27	2.53	2.53	2.53	2.54	2.83	2.83	<b>2.83</b>	2.84	3.17	3.16	3.16	3.18	3.56	3.56	3.55	3.57		
Amps	7.2	7.2	7.2	7.2	8.3	8.3	8.2	8.3	9.5	9.5	9.4	9.4	10.8	10.8	<b>10.7</b>	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0		
Hi PR	278	279	281	286	321	322	324	329	366	367	369	374	414	415	<b>417</b>	422	466	467	469	474	522	523	525	530		
Lo PR	131	133	136	141	139	140	143	149	145	147	150	155	151	152	<b>156</b>	161	156	158	161	166	163	165	168	173		

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions

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



EXPANDED COOLING DATA — DX6VSS3610A\* / DV36FECC14A\* (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
<b>1070</b>	MBh	30.4	32.4	35.8	37.4	34.0	34.5	35.5	37.1	33.1	33.6	34.6	36.2	31.6	32.0	33.1	34.6	29.7	30.2	31.2	32.8	27.7	28.1	29.1	27.5
	S/T	1.00	0.81	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.72	0.58	1.00	1.00	0.80	0.66
	ΔT	27	26	19	16	24	22	19	16	24	22	20	17	24	22	19	16	24	22	19	16	29	27	24	20
	kW	2.21	2.38	2.71	2.74	3.06	3.06	3.05	3.08	3.44	3.44	3.43	3.46	3.85	3.85	3.84	3.87	4.31	4.31	4.30	4.33	4.79	4.79	4.78	3.93
	Amps	7.7	8.4	9.4	9.5	10.9	10.9	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.3	14.5	16.4	16.4	16.3	16.5	18.5	18.5	18.5	15.2
	Hi PR	275	279	282	287	323	324	326	331	369	370	372	377	418	420	422	426	472	473	475	480	533	534	536	530
	Lo PR	124	125	129	134	132	133	136	142	138	140	143	148	144	145	149	154	149	151	154	159	154	155	158	167
	MBh	32.4	35.3	36.3	37.9	34.5	35.0	36.0	37.6	33.6	34.1	35.1	36.7	32.1	32.6	<b>33.6</b>	35.2	30.2	30.7	31.7	33.3	28.2	28.6	29.7	27.9
	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	<b>0.78</b>	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.88	0.74
	ΔT	26	21	18	15	23	21	18	15	23	21	18	15	23	21	<b>18</b>	15	22	21	18	15	27	26	22	18
kW	2.40	2.74	2.73	2.76	3.08	3.08	3.07	3.10	3.46	3.46	3.45	3.48	3.87	3.87	<b>3.86</b>	3.89	4.33	4.33	4.32	4.35	4.81	4.81	4.81	3.95	
Amps	8.5	9.6	9.5	9.6	11.0	11.0	11.0	11.1	12.7	12.7	12.7	12.8	14.5	14.5	<b>14.4</b>	14.6	16.5	16.5	16.4	16.6	18.6	18.6	18.5	15.3	
Hi PR	280	283	285	290	326	327	329	334	372	373	375	380	421	423	<b>425</b>	429	475	476	478	483	535	537	539	533	
Lo PR	125	128	131	136	134	135	139	144	140	142	145	150	146	148	<b>151</b>	156	152	153	156	161	156	157	160	169	
MBh	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.3	34.8	35.8	37.4	32.8	33.2	34.3	35.8	30.9	31.4	32.4	33.9	28.8	29.3	30.3	28.5	
S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.92	0.78	
ΔT	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	26	25	21	17	
kW	2.76	2.75	2.75	2.77	3.10	3.09	3.09	3.12	3.48	3.47	3.47	3.49	3.89	3.89	3.88	3.91	4.35	4.34	4.34	4.36	4.83	4.83	4.82	3.97	
Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.7	12.8	14.6	14.5	14.5	14.6	16.6	16.5	16.5	16.6	18.7	18.6	18.6	15.4	
Hi PR	284	286	288	293	328	330	332	336	375	376	378	383	424	425	427	432	478	479	481	486	538	539	541	536	
Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	156	159	164	158	160	163	171	
MBh	30.9	32.9	36.4	37.9	34.6	35.1	36.1	37.6	33.7	34.2	35.2	36.7	32.1	32.6	33.6	35.2	30.3	30.7	31.8	33.3	28.2	28.7	29.7	28.0	
S/T	1.00	0.91	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.77	
ΔT	31	30	22	19	27	25	22	19	27	26	23	20	27	25	22	19	27	25	22	19	32	31	27	23	
kW	2.21	2.39	2.72	2.74	3.06	3.06	3.06	3.08	3.44	3.44	3.44	3.46	3.86	3.85	3.85	3.87	4.31	4.31	4.31	4.33	4.80	4.80	4.79	3.94	
Amps	7.7	8.4	9.5	9.6	11.0	11.0	10.9	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.5	18.5	18.5	15.3	
Hi PR	277	280	283	288	324	325	327	332	370	371	373	378	420	421	423	428	473	474	476	481	534	535	537	531	
Lo PR	126	127	131	136	134	135	138	143	140	142	145	150	146	147	150	156	151	153	156	161	156	157	160	168	
MBh	33.0	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.2	34.7	35.7	37.3	32.7	33.2	34.2	35.7	30.8	31.3	32.3	33.9	28.7	29.2	30.2	28.5	
S/T	1.00	0.97	0.83	0.69	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	0.91	0.76	1.00	1.00	1.00	0.84	
ΔT	30	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	31	29	26	22	
kW	2.41	2.74	2.74	2.76	3.09	3.08	3.08	3.10	3.47	3.46	3.46	3.48	3.88	3.87	3.87	3.89	4.34	4.33	4.33	4.35	4.82	4.82	4.81	3.96	
Amps	8.5	9.6	9.6	9.7	11.1	11.1	11.0	11.1	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.6	18.6	18.6	15.3	
Hi PR	282	284	286	291	327	328	330	335	373	374	376	381	423	424	426	431	476	477	479	484	537	538	540	534	
Lo PR	127	130	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	158	159	162	171	
MBh	36.1	36.6	37.6	39.1	35.8	36.2	37.3	38.8	34.9	35.4	36.4	37.9	33.3	33.8	34.8	36.4	31.5	31.9	33.0	34.5	29.4	29.9	30.9	29.0	
S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.90	0.80	1.00	1.00	1.00	0.88	
ΔT	25	23	20	17	25	23	20	17	25	23	21	18	25	23	20	17	25	23	20	17	30	28	25	21	
kW	2.76	2.76	2.76	2.78	3.10	3.10	3.10	3.12	3.48	3.48	3.48	3.50	3.89	3.89	3.89	3.91	4.35	4.35	4.35	4.37	4.84	4.84	4.83	3.97	
Amps	9.7	9.7	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.5	14.7	16.6	16.6	16.5	16.7	18.7	18.7	18.6	15.4	
Hi PR	286	287	289	294	330	331	333	338	376	377	379	384	425	427	429	433	479	480	482	487	539	541	543	537	
Lo PR	131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	161	166	160	161	165	173	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.  
 Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSS4210A\* / DV48FECD14A\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		ENTERING INDOOR WET BULB TEMPERATURE																																															
AIRFLOW																																																	
<b>70</b>	MBh	30.7	38.1	40.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	38.3	30.6	31.2	32.3	32.4	30.6	31.1	32.3	32.4																				
	S/T	0.60	0.50	0.37	0.36	0.59	0.51	0.38	0.37	0.74	0.67	0.53	0.39	1.00	0.68	0.55	0.41	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48	1.00	0.62	0.49	0.48																			
	ΔT	20	19	15	15	23	21	18	15	23	22	18	15	23	21	18	15	15	23	21	18	14	26	24	20	17	22	20	16	17																			
	kW	2.17	2.85	3.05	3.20	3.62	3.61	3.61	3.64	4.10	4.10	4.09	4.12	4.63	4.62	4.62	4.65	4.65	5.22	5.21	5.21	5.24	5.26	5.25	5.24	4.89	5.26	5.25	5.25	4.91																			
	Amps	8.2	11.0	11.7	12.4	14.3	14.2	14.2	14.3	16.4	16.3	16.3	16.5	18.7	18.6	18.6	18.8	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9	21.4	21.4	21.4	20.0																			
	Hi PR	252	264	269	276	311	312	314	314	358	359	361	363	403	404	406	411	411	455	456	456	463	500	501	503	505	500	501	503	505																			
	Lo PR	119	116	118	123	126	125	128	133	130	131	134	139	135	136	136	141	144	140	142	144	147	144	146	149	155	144	146	149	155																			
	MBh	33.8	40.3	42.5	44.3	40.4	40.9	42.1	44.0	40.1	40.7	41.9	42.9	47.5	38.3	38.9	40.1	41.9	36.1	36.6	37.8	39.7	31.2	31.7	32.8	33.0	31.2	31.7	32.8	33.0																			
	S/T	0.67	0.57	0.45	0.44	0.66	0.59	0.45	0.44	0.73	0.65	0.52	0.49	0.75	0.71	0.63	0.50	0.50	1.00	0.78	0.65	0.52	1.00	0.70	0.56	0.56	1.00	0.70	0.56	0.56																			
	ΔT	19	18	13	13	18	16	13	13	17	15	12	12	17	15	12	12	12	17	15	12	12	19	17	14	14	19	17	14	14																			
kW	2.42	3.08	3.20	3.22	3.64	3.64	3.63	3.66	4.15	4.15	4.14	4.14	4.68	4.68	4.68	4.67	4.67	5.27	5.27	5.26	5.26	5.30	5.30	5.29	5.29	5.28	5.28	5.27	5.29																				
Amps	9.2	11.9	12.4	12.5	14.4	14.4	14.3	14.4	16.6	16.6	16.5	16.5	18.9	18.9	18.9	18.8	18.8	21.4	21.4	21.4	21.4	21.6	21.6	21.6	21.6	21.5	21.5	21.5	21.6																				
Hi PR	259	270	274	277	314	315	317	319	361	362	364	364	408	408	410	412	412	460	461	463	463	505	506	508	508	503	504	506	508																				
Lo PR	119	117	123	125	126	127	130	133	134	136	139	139	139	139	141	141	144	145	146	149	149	148	150	153	153	146	148	151	153																				
<b>75</b>	MBh	30.7	38.1	40.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	38.3	30.6	31.2	32.3	32.4	30.6	31.1	32.3	32.4																				
	S/T	0.73	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.68	0.55	0.41	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48	1.00	0.62	0.49	0.48																			
	ΔT	24	23	20	15	23	21	18	15	23	22	18	15	23	21	18	15	15	23	21	18	14	26	24	20	17	22	20	16	17																			
	kW	2.16	2.85	3.04	3.20	3.61	3.61	3.60	3.64	4.10	4.10	4.09	4.12	4.63	4.62	4.62	4.65	4.65	5.22	5.21	5.21	5.24	5.26	5.25	5.24	4.89	5.26	5.25	5.25	4.91																			
	Amps	8.2	11.0	11.7	12.4	14.3	14.2	14.2	14.3	16.4	16.3	16.3	16.5	18.7	18.6	18.6	18.8	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9	21.4	21.4	21.4	20.0																			
	Hi PR	253	265	269	276	311	312	314	319	355	357	358	363	403	404	406	411	411	455	456	456	463	500	501	503	505	500	501	503	505																			
	Lo PR	119	116	118	126	124	125	128	133	130	131	134	139	135	136	136	141	144	140	142	144	147	144	146	149	155	144	146	149	155																			
	MBh	33.9	40.4	42.5	44.3	40.4	40.9	42.1	44.0	40.1	40.7	41.9	42.9	47.5	38.3	38.9	40.1	41.9	36.1	36.6	37.8	39.7	31.2	31.7	32.8	33.0	31.2	31.7	32.8	33.0																			
	S/T	0.80	0.70	0.58	0.44	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	0.75	0.71	0.63	0.50	0.50	1.00	0.78	0.65	0.52	1.00	0.82	0.69	0.56	1.00	0.82	0.69	0.56																			
	ΔT	23	22	17	13	22	20	17	13	22	20	17	14	14	22	19	16	12	12	20	17	13	25	23	19	15	22	20	15	15																			
kW	2.42	3.08	3.19	3.23	3.64	3.64	3.63	3.66	4.13	4.13	4.12	4.15	4.66	4.66	4.66	4.68	4.68	5.24	5.24	5.23	5.27	5.28	5.27	5.27	4.91	5.28	5.27	5.27	4.91																				
Amps	9.2	11.9	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.5	16.4	16.6	18.8	18.8	18.7	18.9	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0	21.5	21.5	21.5	20.0																				
Hi PR	259	270	274	279	314	315	317	321	358	359	361	366	406	406	409	414	414	458	459	461	465	503	504	506	505	503	504	506	505																				
Lo PR	119	117	123	128	126	127	130	135	132	133	136	141	137	137	139	142	146	142	144	147	152	146	148	151	157	144	146	149	157																				
MBh	38.9	41.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	48.3	38.3	38.9	40.1	41.9	36.1	36.7	37.9	39.7	31.9	32.4	33.6	33.7	31.9	32.4	33.6	33.7																				
S/T	0.81	0.74	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.64	0.50	0.75	0.71	0.63	0.52	0.52	1.00	0.82	0.69	0.54	1.00	0.86	0.73	0.60	1.00	0.86	0.73	0.60																				
ΔT	23	21	16	12	21	19	16	12	21	19	16	13	13	21	19	16	12	12	21	19	15	23	21	18	14	23	21	18	14																				
kW	2.90	3.10	3.22	3.25	3.66	3.66	3.65	3.69	4.15	4.15	4.14	4.17	4.68	4.68	4.67	4.70	4.70	5.27	5.26	5.26	5.29	5.30	5.29	5.29	4.93	5.30	5.29	5.29	4.93																				
Amps	11.2	12.0	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.5	16.7	18.9	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.0	21.6	21.6	21.6	20.0																				
Hi PR	269	273	277	282	316	318	319	324	361	362	364	369	409	410	410	412	416	460	461	463	468	505	506	508	508	505	506	508	508																				
Lo PR	119	119	125	130	128	129	132	137	134	136	139	144	139	139	141	144	149	145	146	149	154	149	150	153	159	149	150	153	159																				

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

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

EXPANDED COOLING DATA — DX6VSS4210A\* / DV48FEC14A\* (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	59	63	67	71																		
<b>1120</b>	MBh	30.9	38.3	41.1	43.9	40.0	40.5	41.7	43.6	38.9	39.5	40.7	42.5	37.1	37.7	38.9	40.7	34.9	35.5	36.7	38.5	30.8	31.3	32.5	32.6	1.00	0.86	0.75	0.62	0.48	1.00	0.79	0.66	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.56	1.00	1.00	1.00	0.74	0.60
	S/T	2.8	2.7	2.4	1.9	2.7	2.5	2.2	1.9	2.7	2.6	2.2	1.9	2.7	2.5	2.2	1.9	2.7	2.5	2.2	1.8	3.0	2.8	2.5	2.1	2.7	2.5	2.2	1.9	2.7	2.5	2.2	1.8	3.0	2.8	2.5	2.1	2.7	2.5	2.2	1.8	3.0	2.8	2.5	2.1		
	ΔT	2.17	2.85	3.05	3.20	3.62	3.61	3.61	3.64	4.10	4.10	4.09	4.13	4.63	4.63	4.63	4.62	4.65	4.65	4.65	4.62	5.26	5.26	5.25	4.89	5.22	5.22	5.21	5.24	21.2	21.2	21.2	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4		
	kW	8.2	11.0	11.7	12.5	14.3	14.2	14.2	14.4	16.4	16.4	16.3	16.5	18.7	18.6	18.6	18.8	18.8	18.8	18.8	18.8	21.2	21.2	21.2	21.3	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2		
	Amps	253	265	270	277	311	313	315	319	356	357	359	364	404	405	407	411	455	456	458	463	501	502	504	503	455	456	458	463	501	502	504	503	455	456	458	463	501	502	504	503	455	456	458	463		
	Hi PR	120	117	119	126	124	126	128	133	130	132	135	140	136	137	140	145	141	142	145	150	145	146	149	156	141	142	145	150	145	146	149	156	141	142	145	150	145	146	149	156						
	Lo PR	34.0	40.6	42.7	44.5	40.6	41.2	42.4	44.2	39.5	40.1	41.3	43.1	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	31.4	31.9	33.0	33.2	35.5	36.1	37.3	39.1	31.4	31.9	33.0	33.2	35.5	36.1	37.3	39.1										
	MBh	0.92	0.82	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	1.00	0.81	0.67	1.00	0.91	0.77	0.63	1.00	1.00	1.00	0.81	0.67												
	S/T	2.7	2.6	2.1	1.7	2.6	2.4	2.1	1.7	2.6	2.4	2.1	1.8	2.6	2.4	2.1	1.7	2.6	2.4	2.0	1.7	2.9	2.7	2.3	1.9	2.6	2.4	2.0	1.7	2.9	2.7	2.3	1.9	2.6	2.4	2.0	1.7										
	ΔT	2.42	3.08	3.20	3.23	3.64	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	4.65	4.65	4.65	4.68	4.68	4.68	4.67	5.27	5.27	5.27	4.91	5.25	5.24	5.24	5.27	5.28	5.28	5.27	4.91	5.25	5.24	5.24	5.27										
kW	9.2	11.9	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.5	16.4	16.6	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	21.5	21.5	21.5	20.0	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0	21.3	21.3	21.3	21.4											
Amps	260	271	275	280	314	315	317	322	359	360	362	366	407	408	410	414	458	459	461	466	503	504	506	506	458	459	461	466	503	504	506	506	458	459	461	466											
Hi PR	120	118	123	131	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	147	148	151	158	143	144	147	152	147	148	151	158	143	144	147	152											
Lo PR	39.1	41.3	43.5	45.3	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.3	36.9	38.1	39.9	32.1	32.6	33.7	33.9	36.3	36.9	38.1	39.9	32.1	32.6	33.7	33.9	36.3	36.9	38.1	39.9											
MBh	0.93	0.86	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	1.00	0.85	0.72	1.00	0.92	0.79	0.65	1.00	1.00	1.00	0.85	0.72													
S/T	2.7	2.5	2.0	1.6	2.5	2.3	2.0	1.6	2.5	2.3	2.0	1.6	2.5	2.3	2.0	1.6	2.5	2.3	2.0	1.6	2.8	2.6	2.2	1.8	2.5	2.3	2.0	1.6	2.8	2.6	2.2	1.8	2.5	2.3	2.0	1.6											
ΔT	2.90	3.10	3.22	3.25	3.67	3.66	3.66	3.69	4.15	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.30	5.30	5.29	4.93	5.27	5.27	5.26	5.29	5.30	5.30	5.29	4.93	5.27	5.27	5.26	5.29											
kW	11.2	12.0	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.5	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.1	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.1	21.4	21.4	21.4	21.5											
Amps	269	273	278	282	317	318	320	325	361	363	364	369	409	410	412	417	461	462	464	469	506	507	509	508	461	462	464	469	506	507	509	508	461	462	464	469											
Hi PR	119	120	126	131	128	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	149	150	153	160	145	147	150	155	149	150	153	160	145	147	150	155											
Lo PR	31.4	38.9	41.8	44.6	40.6	41.2	42.4	44.2	39.6	40.2	41.4	43.2	37.8	38.3	39.5	41.4	35.6	36.1	37.3	39.2	31.4	32.0	33.1	33.2	35.6	36.1	37.3	39.2	31.4	32.0	33.1	33.2	35.6	36.1	37.3	39.2											
MBh	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.84	0.71	1.00	0.89	0.76	0.61	1.00	1.00	1.00	0.84	0.71													
S/T	3.2	3.1	2.8	2.2	3.1	2.9	2.5	2.2	3.1	2.9	2.6	2.2	3.1	2.9	2.5	2.2	3.0	2.9	2.5	2.2	3.4	3.2	2.8	2.5	3.0	2.9	2.5	2.2	3.4	3.2	2.8	2.5	3.0	2.9	2.5	2.2											
ΔT	2.17	2.86	3.05	3.21	3.62	3.62	3.61	3.65	4.11	4.11	4.10	4.13	4.64	4.63	4.63	4.66	5.23	5.22	5.22	5.25	5.26	5.26	5.25	4.89	5.22	5.22	5.21	5.24	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4											
kW	8.2	11.0	11.8	12.5	14.3	14.3	14.2	14.4	16.4	16.4	16.4	16.5	18.7	18.7	18.7	18.8	21.3	21.2	21.2	21.4	21.4	21.4	21.4	20.1	21.3	21.2	21.2	21.4	21.4	21.4	21.4	20.1	21.3	21.2	21.2	21.4											
Amps	254	266	271	278	313	314	316	320	357	358	360	365	405	406	408	413	457	458	460	464	502	503	505	504	457	458	460	464	502	503	505	504	457	458	460	464											
Hi PR	121	118	120	128	126	127	130	135	132	133	136	141	137	139	142	147	142	144	147	152	147	148	151	157	142	144	147	152	147	148	151	157	142	144	147	152											
Lo PR	34.6	41.2	43.4	45.2	41.3	41.8	43.0	44.9	40.2	40.8	42.0	43.8	38.4	39.0	40.2	42.0	36.2	36.8	38.0	39.8	32.0	32.6	33.7	33.8	36.2	36.8	38.0	39.8	32.0	32.6	33.7	33.8	36.2	36.8	38.0	39.8											
MBh	1.00	0.92	0.80	0.66	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.91	0.78	1.00	0.94	0.81	0.67	1.00	1.00	1.00	0.91	0.78													
S/T	3.1	3.0	2.4	2.1	2.9	2.7	2.4	2.1	2.9	2.8	2.4	2.1	2.9	2.7	2.4	2.1	2.9	2.7	2.4	2.1	3.2	3.1	2.7	2.3	2.9	2.7	2.4	2.1	3.2	3.1	2.7	2.3	2.9	2.7	2.4	2.1											
ΔT	2.43	3.09	3.21	3.24	3.65	3.65	3.64	3.67	4.14	4.14	4.13	4.16	4.67	4.66	4.66	4.69	5.25	5.25	5.24	5.28	5.29	5.29	5.28	4.92	5.25	5.25	5.24	5.28	5.29	5.29	5.28	4.92	5.25	5.25	5.24	5.28											
kW	9.3	11.9	12.5	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.8	18.9	21.4	21.4	21.4	21.5	21.5	21.5	21.5	20.0	21.4	21.4	21.4	21.5	21.5	21.5	21.5	20.0	21.4	21.4	21.4	21.5											
Amps	261	272	276	281	316	317	319	323	360	361	363	368	408	409	411	416	459	461	462	467	504	506	507	507	459	461	462	467	504	506	507	507	459	461	462	467											
Hi PR	122	119	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	149	150	153	159	145	146	149	154	149	150	153	159	145	146	149	154											
Lo PR	39.7	42.0	44.2	46.0	42.0	42.6	43.8	45.6	41.0	41.6	42.8	44.6	39.2	39.8	41.0	42.8	37.0	37.6	38.8	40.6	32.7	33.3	34.4	34.5	37.0	37.6	38.8	40.6	32.7	33.3	34.4	34.5	37.0														

EXPANDED COOLING DATA — DX6VSS4810A\* / DV48FECD14A\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		ENTERING INDOOR WET BULB TEMPERATURE																																															
		AIRFLOW																																															
<b>1170</b>	MBh	34.6	39.5	46.0	45.3	45.9	47.3	44.1	44.7	46.1	42.0	42.6	44.0	39.5	40.1	41.5	31.7	32.3	33.4	34.6	39.5	46.0	45.3	45.9	47.3	44.1	44.7	46.1	42.0	42.6	44.0	39.5	40.1	41.5	31.7	32.3	33.4												
	S/T	0.58	0.50	0.36	0.57	0.50	0.37	0.60	0.52	0.39	0.62	0.54	0.41	0.64	0.56	0.43	0.69	0.62	0.49	0.58	0.50	0.36	0.57	0.50	0.37	0.60	0.52	0.39	0.62	0.54	0.41	0.64	0.56	0.43	0.69	0.62	0.49												
	ΔT	21	19	16	20	18	14	20	18	15	20	18	14	20	18	14	22	20	17	21	19	16	20	18	14	20	18	15	20	18	14	22	20	17	21	19	15												
	kW	2.44	2.89	3.53	4.36	4.36	4.35	4.96	4.95	4.95	5.60	5.60	5.59	6.33	6.32	6.31	5.34	5.34	5.33	2.44	2.89	3.53	4.36	4.36	4.35	4.96	4.95	4.95	5.60	5.60	5.59	6.33	6.32	6.31	5.34	5.34	5.33												
	Amps	9.3	11.2	13.8	17.3	17.3	17.2	19.9	19.9	19.8	22.7	22.7	22.6	25.8	25.8	25.8	21.8	21.8	21.8	9.3	11.2	13.8	17.3	17.3	17.2	19.9	19.9	19.8	22.7	22.7	22.6	25.8	25.8	25.8	21.8	21.8	21.8												
	Hi PR	259	267	277	323	324	326	369	370	372	419	420	422	472	474	476	504	505	507	259	267	277	323	324	326	369	370	372	419	420	422	472	474	476	504	505	507												
Lo PR	116	115	114	120	122	124	126	128	130	133	133	136	136	138	141	143	144	147	116	115	114	120	122	124	126	128	130	133	133	136	136	138	141	143	144	147													
<b>70 1380</b>	MBh	41.2	45.3	48.4	46.0	46.6	48.0	44.8	45.4	46.8	42.7	43.4	44.7	40.2	40.9	42.2	32.3	32.9	34.0	41.2	45.3	48.4	46.0	46.6	48.0	44.8	45.4	46.8	42.7	43.4	44.7	40.2	40.9	42.2	32.3	32.9	34.0												
	S/T	0.63	0.56	0.44	0.65	0.57	0.44	0.67	0.60	0.47	0.69	0.62	0.49	0.71	0.64	0.51	1.00	1.00	0.96	0.63	0.56	0.44	0.65	0.57	0.44	0.67	0.60	0.47	0.69	0.62	0.49	0.71	0.64	0.51	1.00	1.00	0.96												
	ΔT	20	18	13	18	16	13	19	17	13	18	16	13	18	16	13	21	19	15	20	18	13	18	16	13	19	17	13	18	16	13	21	19	15	21	19	15												
	kW	3.12	3.57	3.85	4.40	4.39	4.38	4.99	4.99	4.98	5.64	5.63	5.63	6.36	6.36	6.35	5.37	5.37	5.36	3.12	3.57	3.85	4.40	4.39	4.38	4.99	4.99	4.98	5.64	5.63	5.63	6.36	6.36	6.35	5.37	5.37	5.36												
	Amps	12.1	14.0	15.1	17.4	17.4	17.4	20.0	20.0	20.0	22.8	22.8	22.8	26.0	26.0	25.9	21.9	21.9	21.9	12.1	14.0	15.1	17.4	17.4	17.4	20.0	20.0	20.0	22.8	22.8	22.8	26.0	26.0	25.9	21.9	21.9	21.9												
	Hi PR	271	278	285	326	327	329	372	373	375	422	423	425	475	477	479	507	508	510	271	278	285	326	327	329	372	373	375	422	423	425	475	477	479	507	508	510												
Lo PR	114	113	120	122	124	126	128	130	133	133	135	138	138	140	143	145	146	149	114	113	120	122	124	126	128	130	133	133	135	138	138	140	143	145	146	149													
<b>1590</b>	MBh	43.6	46.2	49.3	46.9	47.5	48.9	45.7	46.3	47.7	43.6	44.3	45.6	41.1	41.8	43.1	33.1	33.6	34.8	43.6	46.2	49.3	46.9	47.5	48.9	45.7	46.3	47.7	43.6	44.3	45.6	41.1	41.8	43.1	33.1	33.6	34.8												
	S/T	0.67	0.60	0.47	0.68	0.61	0.48	0.71	0.63	0.50	0.73	0.65	0.52	0.75	0.67	0.54	1.00	1.00	0.97	0.67	0.60	0.47	0.68	0.61	0.48	0.71	0.63	0.50	0.73	0.65	0.52	0.75	0.67	0.54	1.00	1.00	0.97												
	ΔT	19	17	12	17	15	12	17	16	12	17	15	12	17	15	12	20	18	14	19	17	12	17	15	12	17	16	12	17	15	12	20	18	14	20	18	14												
	kW	3.35	3.60	3.88	4.42	4.42	4.41	5.02	5.02	5.01	5.67	5.66	5.65	6.39	6.38	6.38	5.39	5.38	5.38	3.35	3.60	3.88	4.42	4.42	4.41	5.02	5.02	5.01	5.67	5.66	5.65	6.39	6.38	6.38	5.39	5.38	5.38												
	Amps	13.1	14.1	15.2	17.6	17.5	17.5	20.2	20.1	20.1	23.0	22.9	22.9	26.1	26.1	26.0	22.0	22.0	22.0	13.1	14.1	15.2	17.6	17.5	17.5	20.2	20.1	20.1	23.0	22.9	22.9	26.1	26.1	26.0	22.0	22.0	22.0												
	Hi PR	276	280	288	329	330	332	375	376	378	425	426	428	478	479	481	509	510	512	276	280	288	329	330	332	375	376	378	425	426	428	478	479	481	509	510	512												
Lo PR	115	116	122	124	126	129	131	132	135	136	137	140	141	142	145	147	148	151	115	116	122	124	126	129	131	132	135	136	137	140	141	142	145	147	148	151													
<b>75 1380</b>	MBh	34.6	39.5	46.0	49.8	45.3	45.9	47.3	44.1	44.7	46.1	42.7	43.4	44.7	40.2	40.9	42.2	32.3	32.9	34.2	34.6	39.5	46.0	49.8	45.3	45.9	47.3	44.1	44.7	46.1	42.7	43.4	44.7	40.2	40.9	42.2	32.3	32.9	34.2										
	S/T	0.71	0.62	0.48	0.70	0.62	0.49	0.72	0.65	0.52	0.74	0.67	0.54	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.71	0.62	0.48	0.70	0.62	0.49	0.72	0.65	0.52	0.74	0.67	0.54	1.00	0.76	0.63	0.49	1.00	0.81	0.68										
	ΔT	25	24	21	24	22	18	24	22	19	24	22	18	22	20	17	15	25	23	20	25	24	21	24	22	18	24	22	19	24	22	18	22	20	17	15	25	23	20										
	kW	2.44	2.89	3.53	4.36	4.36	4.35	4.96	4.95	4.94	5.60	5.60	5.59	6.33	6.32	6.31	5.34	5.34	5.33	2.44	2.89	3.53	4.36	4.36	4.35	4.96	4.95	4.94	5.60	5.60	5.59	6.33	6.32	6.31	5.34	5.34	5.33												
	Amps	9.3	11.2	13.8	17.3	17.3	17.2	19.9	19.9	19.8	22.7	22.7	22.6	25.8	25.8	25.8	21.8	21.8	21.8	9.3	11.2	13.8	17.3	17.3	17.2	19.9	19.9	19.8	22.7	22.7	22.6	25.8	25.8	25.8	21.8	21.8	21.8												
	Hi PR	259	267	277	323	324	326	369	371	373	419	420	422	472	474	476	504	505	507	259	267	277	323	324	326	369	371	373	419	420	422	472	474	476	504	505	507												
Lo PR	116	115	114	120	122	124	126	128	130	133	133	136	136	138	141	143	144	147	116	115	114	120	122	124	126	128	130	133	133	136	136	138	141	143	144	147													
<b>1590</b>	MBh	43.6	46.2	49.3	46.9	47.5	48.9	45.7	46.3	47.7	43.6	44.3	45.6	41.1	41.8	43.1	33.1	33.6	34.8	43.6	46.2	49.3	46.9	47.5	48.9	45.7	46.3	47.7	43.6	44.3	45.6	41.1	41.8	43.1	33.1	33.6	34.8												
	S/T	0.75	0.68	0.56	0.77	0.70	0.57	0.79	0.72	0.59	0.79	0.72	0.59	1.00	0.76	0.63	0.49	1.00	0.85	0.72	0.75	0.68	0.56	0.77	0.70	0.57	0.79	0.72	0.59	0.79	0.72	0.59	1.00	0.76	0.63	0.49	1.00	0.85	0.72										
	ΔT	24	23	17	24	22	18	24	22	19	24	22	18	22	20	17	15	25	23	20	24	23	17	24	22	18	24	22	19	24	22	18	22	20	17	15	25	23	20										
	kW	3.11	3.57	3.84	4.39	4.39	4.38	4.99	4.99	4.98	5.64	5.63	5.62	6.36	6.35	6.34	5.36	5.36	5.35	3.11	3.57	3.84	4.39	4.39	4.38	4.99	4.99	4.98	5.64	5.63	5.62	6.36	6.35	6.34	5.36	5.36	5.35												
	Amps	12.1	14.0	15.0	17.4	17.4	17.4	20.0	20.0	20.0	22.8	22.8	22.8	26.0	26.0	25.9	21.9	21.9	21.9	12.1	14.0	15.0	17.4	17.4	17.4	20.0	20.0	20.0	22.8	22.8	22.8	26.0	26.0	25.9	21.9	21.9	21.9												
	Hi PR	271	278	285	326	327	329	372	373	375	422	423	425	472	474	476	504	505	507	271	278	285	326	327	329	372	373	375	422	423	425	472	474	476	504	505	507												
Lo PR	114	113	120	122	124	126	128	130	133	133	135	138	138	140	143	145	146	149	114	113	120	122	124	126	128	130	133	133	135	138	138	140	143	145	146	149													

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

Shaded area is ACCA (TVA) conditions

IDB = Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.  
Airflow may vary depending on actual ambient conditions and system operation modes.



EXPANDED COOLING DATA — DX6VSS4810A\* / DV48FECD14A\* (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	59	63	67	71	59	63	67	71																
<b>1170</b>	MBh	34.8	39.7	46.2	50.0	45.5	46.2	47.5	49.6	44.3	45.0	46.3	48.4	42.3	42.9	44.3	46.4	39.8	40.4	41.8	40.5	41.1	42.5	41.1	32.5	33.7	33.8	33.8	32.0	32.5	33.7	33.8																	
	S/T	0.84	0.74	0.60	0.47	0.82	0.74	0.61	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.53	1.00	0.88	0.75	0.61	1.00	0.86	0.73	0.59	1.00	0.86	0.73	0.59																
	ΔT	29	28	25	19	28	26	23	19	28	26	23	19	28	26	22	19	27	26	22	21	31	29	25	21	31	29	25	21	31	29	25	21																
	kW	2.44	2.89	3.53	3.85	4.36	4.36	4.35	4.39	4.96	4.95	4.94	4.99	5.60	5.60	5.59	5.63	6.33	6.32	6.31	5.44	5.34	5.34	5.33	4.98	5.34	5.34	5.33	4.98	5.34	5.34	5.33	4.98																
	Amps	9.3	11.2	13.8	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8	21.8	20.3	21.8	21.8	21.8	20.3	21.8	21.8	21.8	20.3																
	Hi PR	260	267	277	288	324	325	327	332	370	371	373	378	420	421	423	428	473	474	476	467	505	506	508	507	505	506	508	507	505	506	508	507																
	Lo PR	117	115	115	123	121	122	125	130	127	128	131	136	132	132	133	136	141	137	138	141	143	143	141	143	143	145	147	149	152	151	154	154																
	MBh	41.4	45.6	48.7	50.8	46.2	46.9	48.3	50.3	45.0	45.7	47.1	49.1	43.0	43.6	45.0	47.1	40.5	41.1	42.5	41.1	32.5	33.1	34.3	34.4	32.5	33.1	34.3	34.4	32.0	32.5	33.7	33.8																
	S/T	0.87	0.80	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.88	0.75	0.61	1.00	0.86	0.73	0.59	1.00	0.86	0.73	0.59																
	ΔT	29	27	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	19	30	28	24	20	30	28	24	20	30	28	24	20																
kW	3.12	3.57	3.85	3.89	4.40	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.64	5.63	5.62	5.67	6.36	6.36	6.35	5.47	5.37	5.36	5.36	5.00	5.37	5.36	5.36	5.00	5.37	5.36	5.36	5.00																	
Amps	12.1	14.0	15.1	15.2	17.4	17.4	17.4	17.6	20.0	20.0	20.0	20.2	22.8	22.8	22.8	23.0	26.0	26.0	25.9	22.3	21.9	21.9	21.9	20.4	21.9	21.9	21.9	20.4	21.9	21.9	21.9	20.4																	
Hi PR	271	278	286	291	327	328	330	335	373	374	376	381	423	424	426	431	476	477	479	470	507	509	510	510	507	509	510	510	510	511	513	513	513																
Lo PR	115	114	120	125	123	124	127	132	129	130	133	138	134	135	138	143	141	141	143	145	147	147	145	156	145	146	149	156	147	149	152	158	158																
MBh	43.9	46.5	49.6	51.6	47.1	47.8	49.1	51.2	45.9	46.6	48.0	50.0	43.9	44.5	45.9	48.0	41.4	42.0	43.4	41.9	33.3	33.8	35.0	35.2	33.3	33.8	35.0	35.2	32.0	32.5	33.7	33.8																	
S/T	0.91	0.84	0.72	0.58	1.00	0.85	0.72	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.64	1.00	0.92	0.79	0.64	1.00	0.90	0.84	0.70	1.00	0.90	0.84	0.70																	
ΔT	28	26	20	17	25	23	20	16	25	24	20	17	25	23	20	16	25	23	20	18	28	26	23	19	28	26	23	19	28	26	23	19																	
kW	3.35	3.60	3.88	3.92	4.42	4.42	4.41	4.45	5.02	5.02	5.01	5.05	5.67	5.66	5.65	5.69	6.39	6.38	6.37	5.49	5.39	5.38	5.38	5.02	5.39	5.38	5.38	5.02	5.39	5.38	5.38	5.02																	
Amps	13.1	14.1	15.2	15.4	17.6	17.5	17.5	17.7	20.2	20.1	20.1	20.3	23.0	22.9	22.9	23.1	26.1	26.1	26.0	22.4	22.0	22.0	22.0	20.5	22.0	22.0	22.0	20.5	22.0	22.0	22.0	20.5																	
Hi PR	277	281	289	293	329	331	333	337	376	377	379	384	425	427	429	433	479	480	482	472	510	511	513	513	510	511	513	513	510	511	513	513	513																
Lo PR	116	116	122	127	125	126	129	134	131	132	135	140	136	138	140	145	141	143	145	148	147	147	145	158	147	149	152	158	147	149	152	158	158																
MBh	35.4	40.4	47.0	50.8	46.3	46.9	48.3	50.4	45.1	45.7	47.1	49.2	43.0	43.7	45.1	47.1	40.5	41.2	42.5	41.2	32.6	33.2	34.3	34.5	32.6	33.2	34.3	34.5	32.0	32.5	33.7	33.8																	
S/T	1.00	0.84	0.70	0.57	1.00	0.84	0.71	0.57	1.00	0.87	0.73	0.60	1.00	0.88	0.75	0.62	1.00	1.00	0.77	0.63	1.00	1.00	0.83	0.69	1.00	1.00	0.83	0.69	1.00	1.00	0.83	0.69																	
ΔT	33	32	29	23	31	29	26	22	31	30	26	23	31	29	26	22	31	29	26	25	35	33	29	25	35	33	29	25	35	33	29	25																	
kW	2.45	2.90	3.54	3.86	4.37	4.37	4.36	4.40	4.97	4.96	4.95	5.00	5.61	5.61	5.60	5.64	6.34	6.33	6.32	5.45	5.35	5.35	5.34	4.98	5.35	5.35	5.34	4.98	5.35	5.34	5.34	4.98																	
Amps	9.4	11.2	13.9	15.1	17.3	17.3	17.3	17.5	19.9	19.9	19.9	20.0	22.7	22.7	22.7	22.9	25.9	25.9	25.8	22.2	21.9	21.9	21.8	20.3	21.9	21.9	21.8	20.3	21.9	21.9	21.8	20.3																	
Hi PR	261	268	279	289	325	326	328	333	371	372	374	379	421	422	424	429	475	476	478	468	506	507	509	508	506	507	509	508	506	507	509	508	508																
Lo PR	118	117	116	125	122	124	127	132	128	130	133	138	134	135	138	143	139	140	143	145	145	146	149	156	145	146	149	156	145	146	149	156	156																
MBh	42.1	46.3	49.4	51.5	47.0	47.7	49.0	51.1	45.8	46.5	47.8	49.9	43.8	44.4	45.8	47.9	41.2	41.9	43.3	41.8	33.2	33.8	34.9	35.0	33.2	33.8	34.9	35.0	32.0	32.5	33.7	33.8																	
S/T	1.00	0.90	0.78	0.64	1.00	0.92	0.78	0.65	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.76	1.00	1.00	0.90	0.76	1.00	1.00	0.90	0.76																	
ΔT	33	31	25	21	30	28	25	21	30	28	25	21	30	28	25	21	29	28	24	23	33	31	28	24	33	31	28	24	33	31	28	24																	
kW	3.12	3.58	3.86	3.90	4.41	4.40	4.39	4.43	5.00	5.00	4.99	5.03	5.65	5.64	5.64	5.68	6.37	6.37	6.36	5.48	5.37	5.37	5.36	5.01	5.37	5.37	5.36	5.01	5.37	5.36	5.36	5.01																	
Amps	12.2	14.0	15.1	15.3	17.5	17.5	17.4	17.6	20.1	20.1	20.0	20.2	22.9	22.9	22.8	23.0	26.0	26.0	26.0	22.3	22.0	22.0	22.0	20.4	22.0	22.0	22.0	20.4	22.0	22.0	22.0	20.4																	
Hi PR	273	280	287	292	328	329	331	336	374	375	377	382	424	425	427	432	477	479	481	471	509	510	512	511	509	510	512	511	509	510	512	511	511																
Lo PR	116	116	122	127	124	126	129	134	130	132	135	140	136	137	140	145	141	142	145	147	147	148	151	157	147	148	151	157	147	148	151	157	157																
MBh	44.6	47.2	50.3	52.4	47.9	48.6	49.9	52.0	46.7	47.4	48.7	50.8	44.7	45.3	46.7	48.8	42.1	42.8	44.2	42.6	33.9	34.5	35.7	35.8	33.9	34.5	35.7	35.8	32.0	32.5	33.7	33.8																	
S/T	1.00	0.93	0.82	0.68	1.00	0.95	0.82	0.68	1.00	0.98	0.85	0.71	1.00	1.00	0.86	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.93	0.80	1.00	1.00	0.93	0.80	1.00	1.00	0.93	0.80																	
ΔT	32	30	24	20	29	27	23	20	29	27	24	20	29	27	23	20	28	27	23	22	32	30	27	23	32	30	27	23	32	30	27	23																	
kW	3.35	3.61	3.89	3.93	4.43	4.43	4.42	4.46	5.03	5.03	5.02	5.06	5.68	5.67	5.66	5.70	6.40	6.39	6.38	5.50	5.39	5.39	5.38	5.02	5.39	5.39	5.38	5.02	5.39	5.38	5.38	5.02																	
Amps	13.1	14.1	15.2	15.4	17.6	17.6	17.5	17.7	20.2	20.2	20.1	20.3	23.0	23.0	22.9	23.1	26.1	26.1	26.1	22.4	22.0	22.0	22.0	20.5	22.0	22.0	22.0	20.5	22.0	22.0	22.0	20.5																	
Hi PR	278	282	290	295	331	332	334	339	377	378	380	385	427	428	430	435	480	481	483	473	511	512	514	514	511	512	514	514	511	512	514	514	514																
Lo PR	118	118	124	129	127	128	131	136	133	134	137	142	138	139</																																			



EXPANDED COOLING DATA — DX6VSS6010A\* / DV60FECD14A\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																				
		65°F								75°F								85°F								95°F								105°F								115°F																																																																																																																																																												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																																																																																																																																																					
<b>1390</b>		MBh	41.6	49.2	54.0	58.1	58.6	53.3	54.1	55.7	58.2	58.2	51.9	52.7	54.3	56.8	49.5	50.2	51.8	51.8	41.9	42.6	44.1	44.1	35.9	36.5	37.8	37.8	S/T	0.57	0.49	0.36	0.56	0.49	0.36	0.58	0.51	0.38	0.60	0.53	0.40	0.60	0.53	0.40	0.72	0.65	0.52	0.39	0.76	0.69	0.56	0.43	0.64	0.56	0.43	0.48	ΔT	20	19	16	14	19	17	14	19	17	14	14	22	21	18	14	22	21	18	14	25	23	20	16	22	20	16	16	kW	2.90	3.68	4.18	5.15	5.14	5.13	5.85	5.84	5.83	6.60	6.60	6.59	6.60	6.60	6.59	6.60	6.60	6.60	6.59	6.01	6.01	6.00	6.00	5.75	5.75	5.74	5.74	Amps	10.9	14.1	16.0	20.1	20.1	20.1	23.2	23.1	23.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	24.2	24.2	24.2	24.2	23.3	23.2	23.2	23.2	Hi PR	260	272	280	324	325	327	370	371	373	420	421	423	420	421	423	420	421	423	423	459	460	462	462	501	503	504	504	Lo PR	113	111	113	117	119	122	123	125	128	128	130	132	128	130	133	128	130	133	133	132	134	136	136	141	141	142	145	145	
<b>70</b>		MBh	47.6	51.4	57.0	57.0	58.1	55.2	56.0	57.6	56.2	56.2	53.8	54.6	56.2	56.8	51.4	52.1	53.7	53.7	42.7	43.4	44.8	44.8	36.5	37.2	38.5	38.5	S/T	0.64	0.56	0.42	0.63	0.56	0.43	0.65	0.58	0.45	0.67	0.60	0.47	0.67	0.60	0.47	0.71	0.64	0.51	0.39	0.71	0.64	0.51	0.51	0.76	0.69	0.56	0.56	ΔT	20	18	13	17	16	13	18	16	13	13	13	17	16	13	13	17	16	13	13	19	17	14	14	20	18	15	15	kW	3.50	3.93	4.55	5.19	5.18	5.17	5.89	5.88	5.87	6.64	6.64	6.63	6.64	6.64	6.63	6.64	6.64	6.63	6.63	6.05	6.04	6.03	6.03	5.78	5.77	5.77	5.77	Amps	13.4	15.1	17.5	20.3	20.3	20.2	23.3	23.3	23.3	26.6	26.6	26.5	26.6	26.6	26.5	26.6	26.6	26.7	26.7	24.4	24.3	24.3	24.3	23.4	23.4	23.3	23.3	Hi PR	271	277	286	327	328	330	373	374	376	423	424	426	423	424	426	423	424	426	426	462	463	465	465	504	505	507	507	Lo PR	112	113	117	119	121	124	125	127	130	130	132	135	130	132	135	130	132	135	135	134	136	138	138	143	144	147	147		
<b>1890</b>		MBh	50.2	54.3	58.1	58.1	58.6	55.2	56.0	57.6	56.2	56.2	53.8	54.6	56.2	56.8	51.4	52.1	53.7	53.7	43.6	44.3	45.8	45.8	37.4	38.0	39.3	39.3	S/T	0.68	0.60	0.46	0.66	0.59	0.47	0.69	0.62	0.49	0.71	0.63	0.51	0.71	0.63	0.51	0.75	0.67	0.54	0.42	0.75	0.67	0.54	0.54	1.00	0.72	0.59	0.59	ΔT	19	17	12	16	15	11	17	15	12	12	12	16	15	11	11	16	15	11	11	18	16	13	13	19	17	14	14	kW	3.74	4.25	4.58	5.22	5.22	5.21	5.92	5.91	5.90	6.67	6.67	6.66	6.67	6.67	6.66	6.67	6.67	6.66	6.66	6.07	6.07	6.06	6.06	5.80	5.80	5.79	5.79	Amps	14.3	16.4	17.7	20.4	20.4	20.4	23.5	23.5	23.4	26.8	26.7	26.7	26.8	26.7	26.7	26.8	26.8	26.7	26.7	24.5	24.4	24.4	24.4	23.5	23.5	23.4	23.4	Hi PR	276	284	288	329	331	333	376	377	379	426	427	429	426	427	429	426	427	429	429	465	466	468	468	507	508	510	510	Lo PR	114	114	119	122	123	126	128	129	132	132	134	137	133	134	137	133	134	137	137	136	138	141	141	145	146	149	149		
<b>75</b>		MBh	41.6	49.2	54.0	58.6	58.6	53.3	54.1	55.7	58.2	58.2	51.9	52.7	54.3	56.8	49.5	50.3	51.9	51.9	41.9	42.6	44.1	44.1	35.9	36.5	37.8	37.8	S/T	0.70	0.62	0.48	0.68	0.61	0.48	0.70	0.63	0.50	0.37	0.44	0.44	0.70	0.70	0.57	0.77	0.70	0.57	0.44	0.79	0.72	0.65	0.52	1.00	0.81	0.68	0.68	ΔT	24	22	16	13	21	19	21	20	17	13	13	13	21	20	17	13	21	20	17	13	24	22	18	14	24	23	19	15	kW	3.49	3.93	4.54	5.18	5.18	5.17	5.88	5.88	5.87	6.64	6.64	6.63	6.64	6.64	6.63	6.64	6.64	6.63	6.63	6.04	6.04	6.03	6.03	5.77	5.77	5.76	5.76	Amps	13.3	15.0	17.5	20.3	20.3	20.2	23.3	23.3	23.2	26.6	26.5	26.5	26.6	26.6	26.5	26.6	26.6	26.5	26.5	24.3	24.3	24.3	24.3	23.4	23.4	23.3	23.3	Hi PR	271	278	286	327	328	330	373	374	376	423	424	426	423	424	426	423	424	426	426	462	463	465	465	504	505	507	507	Lo PR	112	113	117	119	121	124	125	127	130	134	134	137	133	134	137	133	134	137	137	136	138	141	141	145	146	149	149	
<b>1890</b>		MBh	50.2	54.3	58.1	58.1	58.6	55.2	56.0	57.6	56.2	56.2	53.8	54.6	56.2	56.8	51.4	52.2	53.8	53.8	43.6	44.3	45.8	45.8	37.4	38.1	39.4	39.4	S/T	0.80	0.72	0.58	0.79	0.71	0.59	0.81	0.74	0.61	0.48	0.48	0.48	0.83	0.76	0.63	0.90	0.83	0.76	0.63	0.50	1.00	0.80	0.67	0.53	1.00	0.85	0.72	0.59	ΔT	23	21	15	12	20	18	20	19	15	12	12	12	20	18	15	12	20	18	15	12	22	21	17	13	23	21	18	14	kW	3.74	4.25	4.58	5.22	5.21	5.20	5.92	5.91	5.90	6.67	6.66	6.65	6.67	6.66	6.65	6.67	6.67	6.66	6.65	6.07	6.07	6.06	6.06	5.80	5.79	5.79	5.79	Amps	14.3	16.4	17.6	20.4	20.4	20.4	23.5	23.4	23.4	26.7	26.7	26.7	26.8	26.7	26.7	26.8	26.8	26.7	26.7	24.4	24.4	24.4	24.4	23.5	23.4	23.4	23.4	Hi PR	277	284	289	330	331	333	376	377	379	426	427	429	426	427	429	426	427	429	429	465	466	468	468	507	508	510	510	Lo PR	114	114	119	122	123	126	128	129	132	137	137	142	133	134	137	133	134	137	142	136	138	141	141	145	146	149	156

Shaded area is ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)  
 IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.



EXPANDED COOLING DATA — DX6VSA181WA\* / DV24FECB14A\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71							
		ENTERING INDOOR WET BULB TEMPERATURE																																			
		ENTERING INDOOR WET BULB TEMPERATURE																																			
<b>520</b>	MBh	15.9	16.6	17.6	17.4	16.7	16.9	17.4	17.0	16.3	16.5	17.0	16.2	15.5	15.7	16.2	15.3	14.6	14.8	15.3	14.5	14.6	14.8	15.3	14.5	13.7	14.0	14.5	13.5								
	S/T	0.62	0.54	0.40	0.40	0.62	0.54	0.40	0.43	0.65	0.57	0.43	0.45	1.00	0.59	0.45	0.45	1.00	0.61	0.47	0.47	1.00	0.61	0.47	0.47	1.00	0.67	0.52	0.52								
	ΔT	21	19	13	13	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	13	19	17	14	14								
	kW	1.04	1.07	1.07	1.20	1.20	1.20	1.20	1.35	1.36	1.35	1.35	1.51	1.52	1.52	1.51	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.91	1.91	1.91	1.91								
	Amps	3.6	3.8	3.9	4.4	4.5	4.5	4.4	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5								
<b>610</b>	Hi PR	243	245	245	283	280	281	283	323	320	321	323	366	363	364	366	410	410	411	412	412	410	411	412	412	459	460	462	462								
	Lo PR	125	126	131	138	133	135	138	147	140	142	145	151	146	147	151	155	151	153	156	156	151	153	156	156	158	160	163	163								
	MBh	16.6	17.3	17.9	17.7	17.0	17.2	17.7	17.3	16.5	16.8	17.3	16.5	15.8	16.0	16.5	15.8	14.8	15.1	15.6	14.7	14.8	15.1	15.6	14.7	14.0	14.2	14.7	14.7								
	S/T	0.69	0.61	0.47	0.48	0.70	0.62	0.48	0.51	0.73	0.65	0.51	0.53	1.00	0.67	0.53	0.53	1.00	0.69	0.55	0.55	1.00	0.69	0.55	0.55	1.00	0.74	0.60	0.60								
	ΔT	19	15	12	12	17	15	12	12	17	15	12	12	17	15	12	12	16	15	12	12	16	15	12	12	17	16	13	13								
<b>700</b>	kW	1.08	1.08	1.07	1.21	1.21	1.21	1.21	1.36	1.36	1.36	1.36	1.52	1.53	1.53	1.52	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.92	1.92	1.92	1.92								
	Amps	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.2	5.1	5.1	5.8	5.9	5.9	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.6	7.6	7.6	7.6								
	Hi PR	246	245	247	285	282	283	285	325	322	324	325	368	366	367	368	412	412	413	415	415	412	413	415	415	462	463	464	464								
	Lo PR	127	130	133	140	136	137	140	147	142	144	147	153	148	150	153	158	154	155	158	158	154	155	158	158	161	162	165	165								
	MBh	17.4	17.7	18.2	18.0	17.3	17.5	18.0	17.6	16.8	17.1	17.6	16.8	16.1	16.3	16.8	15.2	15.2	15.4	15.9	15.9	15.2	15.4	15.9	15.9	14.3	14.5	15.0	15.0								
<b>520</b>	S/T	0.73	0.65	0.51	0.52	0.74	0.66	0.52	0.54	1.00	0.69	0.54	0.56	1.00	0.71	0.56	0.56	1.00	0.73	0.59	0.59	1.00	0.73	0.59	0.59	1.00	1.00	0.64	0.64								
	ΔT	16	14	11	11	16	14	11	11	16	14	11	11	16	14	11	11	15	14	11	11	15	14	11	11	16	15	12	12								
	kW	1.09	1.08	1.08	1.22	1.22	1.22	1.22	1.37	1.37	1.37	1.37	1.53	1.53	1.53	1.53	1.71	1.72	1.71	1.71	1.71	1.72	1.71	1.71	1.71	1.93	1.93	1.93	1.93								
	Amps	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6								
	Hi PR	247	248	249	288	285	286	288	328	325	326	328	371	368	369	371	414	414	415	417	417	414	415	417	417	464	465	467	467								
<b>75</b>	Lo PR	130	132	135	143	138	140	143	150	145	146	150	155	151	152	155	161	156	158	161	161	156	158	161	161	163	165	168	168								
	MBh	15.9	16.6	17.6	18.4	16.7	16.9	17.5	18.2	16.3	16.5	17.0	17.8	15.5	15.8	16.3	17.0	14.6	14.8	15.3	16.1	14.6	14.8	15.3	16.1	13.7	14.0	14.5	15.3								
	S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.51								
	ΔT	25	23	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	20	17	13	21	20	17	13	22	21	18	14								
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92								
<b>610</b>	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6								
	Hi PR	243	245	245	249	280	281	283	287	320	321	323	327	363	364	366	370	410	411	413	417	410	411	413	417	459	460	462	466								
	Lo PR	125	126	131	136	134	135	138	144	140	142	145	150	146	147	151	156	151	153	156	162	151	153	156	162	158	160	163	169								
	MBh	16.6	17.4	17.9	18.6	17.0	17.2	17.7	18.5	16.5	16.8	17.3	18.0	15.8	16.0	16.5	17.3	14.8	15.1	15.6	16.4	14.8	15.1	15.6	16.4	14.0	14.2	14.7	15.5								
	S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59								
<b>700</b>	ΔT	23	19	16	12	20	19	16	12	20	19	16	13	20	19	16	12	20	18	15	12	20	18	15	12	21	19	16	13								
	kW	1.08	1.08	1.07	1.08	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.52	1.53	1.53	1.71	1.71	1.70	1.71	1.71	1.71	1.70	1.71	1.92	1.92	1.92	1.93								
	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.8	5.8	5.9	6.6	6.6	6.6	6.7	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6								
	Hi PR	246	245	247	251	283	284	285	290	323	324	325	330	366	366	369	373	412	413	415	419	412	413	415	419	462	463	465	469								
	Lo PR	127	130	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	158	164	154	155	158	164	161	162	165	171								
<b>700</b>	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	15.2	15.4	15.9	16.7	14.3	14.6	15.1	15.8								
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.72	0.57	1.00	1.00	0.78	0.63								
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	19	17	14	11	20	18	15	12								
	kW	1.08	1.08	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.71	1.71	1.71	1.72	1.93	1.93	1.92	1.93								
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6								
<b>700</b>	Hi PR	247	248	250	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	422	415	416	417	422	464	465	467	471								
	Lo PR	130	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	156	158	161	166	163	165	168	173								

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

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

EXPANDED COOLING DATA — DX6VSA181WA\* / DV24FECB14A\* (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>520</b>	MBh	16.0	16.7	17.7	18.5	16.8	17.0	17.5	18.3	16.4	16.6	17.1	17.9	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3
	S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64
	ΔT	29	27	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.36	1.35	1.35	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6
	Hi PR	243	245	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467
	Lo PR	125	127	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154	157	162	159	161	164	169
	MBh	16.7	17.4	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	14.9	15.2	15.7	16.4	14.1	14.3	14.8	15.6
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72
	ΔT	28	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17
kW	1.08	1.08	1.07	1.09	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.53	1.53	1.53	1.71	1.71	1.70	1.72	1.92	1.92	1.92	1.93	
Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6	
Hi PR	247	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	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171	
MBh	17.5	17.8	18.3	19.0	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.4	16.2	16.4	16.9	17.7	15.2	15.5	16.0	16.8	14.4	14.6	15.1	15.9	
S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.76	
ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16	
kW	1.09	1.08	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.53	1.53	1.53	1.54	1.72	1.71	1.71	1.72	1.93	1.93	1.93	1.94	
Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6	
Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	467	472	
Lo PR	131	133	136	141	139	140	143	149	145	147	150	156	151	153	156	161	157	158	161	167	164	165	168	174	
MBh	16.3	16.9	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.2	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	14.1	14.3	14.9	15.6	
S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.80	0.69	1.00	1.00	0.87	0.75	
ΔT	33	31	24	20	28	27	24	20	28	27	24	21	28	27	24	20	28	26	23	20	29	27	24	21	
kW	1.04	1.07	1.07	1.08	1.21	1.21	1.20	1.21	1.36	1.36	1.35	1.36	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.92	1.91	1.91	1.92	
Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.5	7.5	7.6	
Hi PR	245	246	246	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	464	468	
Lo PR	127	128	133	138	136	138	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171	
MBh	16.9	17.7	18.2	19.0	17.3	17.6	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.7	14.4	14.6	15.1	15.9	
S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.80	0.77	1.00	1.00	0.87	0.82	
ΔT	31	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20	
kW	1.08	1.08	1.08	1.09	1.22	1.21	1.21	1.22	1.37	1.36	1.36	1.37	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.92	1.92	1.92	1.93	
Amps	3.8	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.2	5.2	5.1	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.6	6.7	7.6	7.6	7.6	7.6	
Hi PR	248	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470	
Lo PR	129	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173	
MBh	17.8	18.1	18.6	19.3	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.7	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.0	14.7	14.9	15.4	16.2	
S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	0.81	0.81	1.00	1.00	0.87	0.86	
ΔT	26	25	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19	
kW	1.09	1.09	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.54	1.53	1.53	1.54	1.72	1.72	1.71	1.72	1.93	1.93	1.93	1.94	
Amps	4.0	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6	
Hi PR	248	249	251	255	287	288	289	294	327	328	329	334	370	371	372	377	416	417	419	423	466	467	469	473	
Lo PR	133	134	138	143	141	142	145	151	147	149	152	157	153	155	158	163	159	160	163	169	166	167	170	176	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSA241WA\* / DV24FECB14A\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		ENTERING INDOOR WET BULB TEMPERATURE																																															
		AIRFLOW																																															
<b>680</b>	MBh	21.2	22.3	23.5	22.3	22.6	23.3	21.7	22.1	22.7	20.7	21.0	21.7	19.5	19.8	20.5	18.4	18.7	19.3	20.7	21.0	21.7	19.5	19.8	20.5	18.4	18.7	19.3	20.7	21.0	21.7	19.5	19.8	20.5	18.4	18.7	19.3												
	S/T	0.61	0.53	0.39	0.61	0.53	0.40	0.64	0.56	0.42	0.66	0.58	0.44	1.00	0.60	0.46	1.00	0.66	0.52	0.66	0.58	0.44	1.00	0.60	0.46	1.00	0.66	0.52	0.66	0.58	0.44	1.00	0.60	0.46	1.00	0.66	0.52												
	ΔT	20	19	13	18	16	13	18	16	13	18	16	13	18	16	13	19	17	14	18	16	13	18	16	13	19	17	14	18	16	13	18	16	13	19	17	14												
	kW	1.44	1.50	1.53	1.73	1.73	1.73	1.95	1.95	1.95	2.19	2.19	2.19	2.46	2.46	2.45	2.77	2.77	2.76	2.19	2.19	2.19	2.46	2.46	2.45	2.77	2.77	2.76	2.19	2.19	2.19	2.46	2.46	2.45	2.77	2.77	2.76												
	Amps	5.1	5.3	5.5	6.4	6.4	6.4	7.3	7.3	7.3	8.4	8.4	8.4	9.5	9.5	9.5	10.9	10.9	10.9	8.4	8.4	8.4	9.5	9.5	9.5	10.9	10.9	10.9	8.4	8.4	8.4	9.5	9.5	9.5	10.9	10.9	10.9												
	Hi PR	256	259	264	302	303	305	345	346	348	391	393	394	442	443	445	495	496	498	391	393	394	442	443	445	495	496	498	391	393	394	442	443	445	495	496	498												
Lo PR	121	122	127	130	131	134	136	138	141	142	143	146	147	148	152	154	155	158	142	143	146	147	148	152	154	155	158	142	143	146	147	148	152	154	155	158													
<b>70</b>	MBh	22.3	23.2	23.9	22.7	23.0	23.7	22.1	22.4	23.1	21.1	21.4	22.1	19.8	20.2	20.8	18.7	19.0	19.7	21.1	21.4	22.1	19.8	20.2	20.8	18.7	19.0	19.7	21.1	21.4	22.1	19.8	20.2	20.8	18.7	19.0	19.7												
	S/T	0.68	0.61	0.47	0.69	0.61	0.47	0.72	0.64	0.50	1.00	0.66	0.52	1.00	0.68	0.54	1.00	0.73	0.59	1.00	0.66	0.52	1.00	0.68	0.54	1.00	0.73	0.59	1.00	0.66	0.52	1.00	0.68	0.54	1.00	0.73	0.59												
	ΔT	19	15	12	17	15	12	17	15	12	17	15	12	16	15	12	17	16	13	17	15	12	16	15	12	17	16	13	17	15	12	16	15	12	17	16	13												
	kW	1.52	1.55	1.54	1.74	1.74	1.74	1.96	1.96	1.96	2.20	2.20	2.20	2.47	2.47	2.46	2.78	2.78	2.78	2.20	2.20	2.20	2.47	2.47	2.46	2.78	2.78	2.78	2.20	2.20	2.20	2.47	2.47	2.46	2.78	2.78	2.78												
	Amps	5.4	5.6	5.6	6.4	6.4	6.4	7.4	7.4	7.4	8.4	8.4	8.4	9.6	9.6	9.6	10.9	10.9	10.9	8.4	8.4	8.4	9.6	9.6	9.6	10.9	10.9	10.9	8.4	8.4	8.4	9.6	9.6	9.6	10.9	10.9	10.9												
	Hi PR	261	264	266	305	306	308	348	349	351	394	395	397	444	445	447	498	499	501	394	395	397	444	445	447	498	499	501	394	395	397	444	445	447	498	499	501												
Lo PR	123	126	129	132	133	136	138	140	143	144	145	148	149	151	154	156	157	161	144	145	148	149	151	154	156	157	161	144	145	148	149	151	154	156	157	161													
<b>920</b>	MBh	23.3	23.6	24.3	23.1	23.4	24.1	22.5	22.8	23.5	21.5	21.8	22.5	20.3	20.6	21.3	19.1	19.5	20.1	21.5	21.8	22.5	20.3	20.6	21.3	19.1	19.5	20.1	21.5	21.8	22.5	20.3	20.6	21.3	19.1	19.5	20.1												
	S/T	0.72	0.64	0.51	0.73	0.65	0.51	0.76	0.68	0.54	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.77	0.63	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.77	0.63	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.77	0.63												
	ΔT	16	14	11	16	14	11	16	14	11	16	14	11	15	14	11	16	15	12	16	14	11	15	14	11	16	15	12	16	14	11	15	14	11	16	15	12												
	kW	1.56	1.56	1.55	1.76	1.75	1.75	1.98	1.97	1.97	2.21	2.21	2.21	2.48	2.48	2.47	2.79	2.79	2.79	2.21	2.21	2.21	2.48	2.48	2.47	2.79	2.79	2.79	2.21	2.21	2.21	2.48	2.48	2.47	2.79	2.79	2.79												
	Amps	5.6	5.6	5.6	6.5	6.5	6.5	7.4	7.4	7.4	8.5	8.5	8.5	9.6	9.6	9.6	11.0	11.0	11.0	8.5	8.5	8.5	9.6	9.6	9.6	11.0	11.0	11.0	8.5	8.5	8.5	9.6	9.6	9.6	11.0	11.0	11.0												
	Hi PR	266	267	269	307	308	310	350	351	353	397	398	400	447	448	450	500	501	503	397	398	400	447	448	450	500	501	503	397	398	400	447	448	450	500	501	503												
Lo PR	127	128	131	134	136	139	141	142	145	146	148	151	152	153	156	158	160	163	146	148	151	152	153	156	158	160	163	146	148	151	152	153	156	158	160	163													
<b>680</b>	MBh	21.3	22.3	23.5	24.6	22.3	22.7	23.3	21.8	22.1	22.7	23.8	20.7	21.1	21.7	22.8	18.4	18.7	19.4	20.7	21.1	21.7	22.8	20.7	21.3	19.5	19.8	20.5	20.7	21.1	21.7	22.8	20.7	21.3	19.5	19.8	20.5												
	S/T	0.75	0.66	0.52	0.37	0.75	0.67	0.53	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	1.00	0.65	1.00	0.71	0.57	0.43	1.00	0.81	0.67	0.53	1.00	0.71	0.57	0.43	1.00	0.81	0.67	0.53														
	ΔT	24	23	17	14	21	20	17	22	20	17	14	21	20	17	13	22	20	17	21	20	17	13	21	19	16	13	21	20	17	13	22	20	17	14														
	kW	1.44	1.50	1.53	1.54	1.73	1.73	1.74	1.95	1.95	1.95	1.96	2.19	2.19	2.18	2.20	2.46	2.46	2.46	2.19	2.19	2.18	2.20	2.46	2.45	2.47	2.77	2.76	2.19	2.19	2.18	2.20	2.46	2.45	2.47	2.77	2.76												
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.3	8.4	9.5	9.5	9.5	8.4	8.4	8.3	8.4	9.5	9.5	9.6	10.9	10.9	8.4	8.4	8.3	8.4	9.5	9.5	9.6	10.9	10.9												
	Hi PR	257	260	264	268	302	303	305	345	346	348	353	392	393	395	399	442	443	445	392	393	395	399	442	443	445	495	496	392	393	395	399	442	443	445	495	496												
Lo PR	121	122	127	132	130	131	134	136	138	141	146	142	143	146	151	147	148	152	142	143	146	151	147	148	152	155	158	142	143	146	151	147	148	152	155	158													
<b>75</b>	MBh	22.3	23.2	23.9	24.9	22.7	23.0	23.7	22.1	22.4	23.1	24.1	21.1	21.4	22.1	23.1	19.8	19.0	19.7	21.1	21.4	22.1	23.1	19.8	20.2	20.8	18.7	19.0	21.1	21.4	22.1	23.1	19.8	20.2	20.8	18.7	19.0												
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	1.00	0.73	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53														
	ΔT	23	19	15	12	20	18	15	20	19	16	13	20	18	15	12	20	18	15	20	18	15	12	20	18	15	12	20	18	15	12	21	19	16	13														
	kW	1.52	1.54	1.54	1.56	1.74	1.74	1.75	1.96	1.96	1.96	1.97	2.20	2.20	2.20	2.21	2.47	2.47	2.47	2.20	2.20	2.20	2.21	2.47	2.46	2.48	2.78	2.78	2.20	2.20	2.20	2.21	2.47	2.46	2.48	2.78	2.78												
	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	7.4	7.4	7.4	7.4	8.4	8.4	8.5	8.5	9.6	9.6	9.6	8.4	8.4	8.4	8.5	9.6	9.6	9.6	10.9	10.9	8.4	8.4	8.4	8.5	9.6	9.6	9.6	10.9	10.9												
	Hi PR	261	265	267	271	305	306	308	348	349	351	355	394	396	397	402	445	446	447	394	396	397	402	445	446	447	495	499	394	396	397	402	445	446	447	495	499												
Lo PR	123	126	129	134	132	133	136	142	140	143	148	144	145	148	154	149	151	154	144	145	148	154	149	151	154	157	161	144	145	148	154	149	151	154	157	161													

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

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

EXPANDED COOLING DATA — DX6VSA241WA\* / DV24FECB14A\* (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	21.4	22.4	23.7	24.7	22.5	22.8	23.8	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.9	21.2	21.8	22.9	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5
	S/T	0.88	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63
	ΔT	29	27	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.44	1.50	1.53	1.55	1.73	1.73	1.73	1.74	1.95	1.95	1.95	1.96	2.19	2.19	2.19	2.20	2.19	2.19	2.19	2.20	2.46	2.45	2.45	2.47	2.77	2.77	2.76	2.78
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9
	Hi PR	257	260	264	269	303	304	306	310	346	347	349	353	392	393	395	400	442	443	445	450	442	443	445	450	496	497	499	503
	Lo PR	122	123	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	148	149	152	157	154	156	159	164
	MBh	22.4	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.0	20.3	21.0	22.0	18.8	19.2	19.8	20.9	18.8	19.2	19.8	20.9
	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	0.66	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71
	ΔT	27	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	23	22	19	16	24	23	20	17
kW	1.52	1.55	1.54	1.56	1.74	1.74	1.74	1.75	1.96	1.96	1.96	1.97	2.20	2.20	2.20	2.21	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.79	
Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	10.9	10.9	10.9	11.0	10.9	10.9	10.9	11.0	
Hi PR	262	265	267	272	305	306	308	313	348	350	351	356	395	396	398	402	445	446	448	453	498	500	501	506	498	500	501	506	
Lo PR	123	126	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160	156	158	161	166	156	158	161	166	
MBh	23.4	23.8	24.4	25.5	23.2	23.6	24.2	25.3	22.7	23.0	23.7	24.7	21.6	22.0	22.6	23.7	20.4	20.7	21.4	22.4	19.3	19.6	20.3	21.3	19.3	19.6	20.3	21.3	
S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75	1.00	1.00	0.89	0.75	
ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	22	21	18	15	24	22	19	16	
kW	1.56	1.56	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.99	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.49	2.79	2.79	2.79	2.80	2.79	2.79	2.79	2.80	
Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	
Hi PR	267	268	270	274	308	309	311	315	351	352	354	359	397	399	400	405	448	449	451	455	501	502	504	509	501	502	504	509	
Lo PR	127	129	132	137	135	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	160	164	169	159	160	164	169	
MBh	21.7	22.8	24.0	25.1	22.8	23.2	23.8	24.9	22.3	22.6	23.2	24.3	21.2	21.6	22.2	23.3	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9	18.9	19.2	19.9	20.9	
S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.83	0.68	
ΔT	32	30	23	20	28	26	23	20	28	27	24	21	28	26	23	20	28	26	23	20	29	27	24	21	29	27	24	21	
kW	1.44	1.51	1.53	1.55	1.74	1.73	1.73	1.75	1.96	1.95	1.95	1.97	2.19	2.19	2.19	2.20	2.46	2.46	2.46	2.47	2.77	2.77	2.77	2.78	2.77	2.77	2.77	2.78	
Amps	5.1	5.4	5.5	5.6	6.4	6.4	6.4	6.4	7.4	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	
Hi PR	258	261	266	270	304	305	307	311	347	348	350	354	393	395	396	401	444	445	447	451	497	498	500	505	497	498	500	505	
Lo PR	124	125	129	134	132	133	137	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	156	158	161	166	
MBh	22.8	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	23.6	20.3	20.7	21.3	22.4	19.2	19.5	20.2	21.2	19.2	19.5	20.2	21.2	
S/T	1.00	0.97	0.83	0.69	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	0.91	0.76	1.00	1.00	0.91	0.76	1.00	1.00	0.91	0.76	
ΔT	31	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23	20	28	26	23	20	
kW	1.52	1.55	1.55	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.96	1.98	2.21	2.21	2.20	2.22	2.47	2.47	2.47	2.48	2.79	2.78	2.78	2.80	2.79	2.78	2.78	2.80	
Amps	5.4	5.6	5.6	5.6	6.5	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	
Hi PR	263	266	268	273	306	308	309	314	350	351	353	357	396	397	399	404	446	447	449	454	500	501	503	507	500	501	503	507	
Lo PR	125	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168	158	160	163	168	
MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.4	24.0	25.1	22.0	22.3	23.0	24.0	20.8	21.1	21.8	22.8	19.7	20.0	20.6	21.7	19.7	20.0	20.6	21.7	
S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.91	0.80	1.00	1.00	0.91	0.80	1.00	1.00	0.91	0.80	
ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19	27	25	22	19	
kW	1.56	1.56	1.56	1.57	1.76	1.76	1.75	1.77	1.98	1.98	1.97	1.99	2.22	2.22	2.21	2.23	2.48	2.48	2.48	2.49	2.80	2.79	2.79	2.81	2.80	2.79	2.79	2.81	
Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.4	7.4	7.5	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	
Hi PR	268	269	271	275	309	310	312	317	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510	502	503	505	510	
Lo PR	129	131	134	139	136	138	141	146	143	145	148	153	149	150	153	158	154	155	159	164	161	162	165	171	161	162	165	171	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSA301WA\* / DV36FECC14A\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		ENTERING INDOOR WET BULB TEMPERATURE																																															
		AIRFLOW																																															
<b>860</b>	MBh	25.8	27.5	29.5	30.8	28.0	28.4	29.2	30.5	27.2	27.6	28.5	29.8	26.0	26.4	27.2	28.5	24.4	24.8	25.6	27.0	23.0	23.4	24.2	25.6	20.0	20.4	21.2	22.6	18.0	18.4	19.2	20.6																
	S/T	0.61	0.54	0.38	0.37	0.74	0.66	0.52	0.38	1.00	0.69	0.55	0.40	1.00	0.70	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52																
	ΔT	20	18	13	13	21	19	16	13	21	20	17	13	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13																
	kW	1.71	1.87	1.97	1.98	2.22	2.22	2.21	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54	3.86	3.86	3.85	3.87	4.20	4.20	4.19	4.21																
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.8	15.5	15.5	15.5	15.5	17.2	17.2	17.2	17.2																
<b>70 1010</b>	Hi PR	265	269	274	279	314	315	317	324	358	360	362	364	407	408	410	415	459	460	462	467	514	516	517	520	563	564	565	566	599	600	601	602																
	Lo PR	124	125	129	131	132	133	136	141	138	140	143	145	144	145	149	151	149	151	154	155	156	158	161	163	161	162	163	164	166	167	168	169																
	MBh	27.5	29.1	29.9	30.4	28.4	28.8	29.6	30.2	27.7	28.1	28.9	29.4	26.4	26.8	27.6	28.2	24.8	25.2	26.1	27.4	23.4	23.8	24.7	25.2	20.4	20.8	21.6	23.0	18.4	18.8	19.6	21.0																
	S/T	0.69	0.60	0.46	0.50	0.68	0.60	0.47	0.51	0.71	0.63	0.49	0.53	1.00	0.65	0.51	0.55	1.00	0.67	0.53	0.57	1.00	0.70	0.56	0.59	1.00	0.72	0.58	0.61	1.00	0.74	0.60	0.63																
	ΔT	19	15	12	11	16	15	12	11	16	15	12	11	16	15	12	11	16	14	11	11	17	15	12	12	17	15	12	12	17	15	12	12																
<b>1160</b>	kW	1.88	1.99	1.98	2.00	2.24	2.24	2.23	2.24	2.51	2.51	2.51	2.52	2.83	2.83	2.82	2.82	3.16	3.15	3.14	3.16	3.54	3.54	3.54	3.54	3.87	3.87	3.86	3.88	4.21	4.21	4.20	4.22																
	Amps	6.7	7.1	7.1	7.1	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.7	12.2	12.1	12.1	12.1	13.9	13.9	13.8	13.8	15.6	15.6	15.5	15.5	17.3	17.3	17.2	17.2																
	Hi PR	271	275	277	279	316	318	319	322	361	362	364	364	409	411	413	415	462	463	465	465	517	518	520	520	564	565	566	566	599	600	601	601																
	Lo PR	125	128	131	133	134	135	138	141	140	142	145	145	146	148	151	151	151	153	156	156	158	160	163	163	161	162	163	164	166	167	168	168																
	MBh	29.2	29.6	30.4	30.4	28.9	29.3	30.2	30.2	28.2	28.6	29.4	29.4	26.9	27.3	28.2	28.2	25.4	25.8	26.6	27.9	24.0	24.4	25.2	25.2	20.6	21.0	21.8	23.2	18.6	19.0	19.8	21.2																
<b>860</b>	S/T	0.71	0.64	0.50	0.50	0.72	0.64	0.51	0.51	0.75	0.67	0.53	0.53	1.00	0.69	0.55	0.55	1.00	0.71	0.57	0.57	1.00	0.76	0.62	0.62	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52																
	ΔT	15	14	11	11	15	14	11	11	16	14	11	11	15	14	11	11	15	13	10	10	16	14	11	11	16	14	11	11	16	14	11	11																
	kW	2.00	2.00	2.00	2.00	2.25	2.25	2.24	2.24	2.53	2.53	2.52	2.52	2.83	2.83	2.82	2.82	3.16	3.16	3.16	3.16	3.56	3.55	3.55	3.55	3.89	3.89	3.88	3.90	4.22	4.22	4.21	4.23																
	Amps	7.2	7.2	7.1	7.1	8.2	8.2	8.2	8.2	9.5	9.4	9.4	9.4	10.8	10.7	10.7	10.7	12.2	12.2	12.2	12.2	13.9	13.9	13.9	13.9	15.6	15.6	15.5	15.5	17.3	17.3	17.2	17.2																
	Hi PR	276	277	279	279	319	320	322	322	364	365	367	367	412	413	415	415	464	465	467	467	520	521	523	523	567	568	569	569	600	601	602	602																
<b>75 1010</b>	Lo PR	129	130	133	133	136	138	141	141	143	144	148	148	148	150	153	153	154	155	159	159	161	162	165	165	161	162	163	164	166	167	168	168																
	MBh	25.8	27.5	29.5	30.8	28.0	28.4	29.2	30.5	27.2	27.6	28.5	29.8	26.0	26.4	27.2	28.5	24.4	24.8	25.7	27.0	23.0	23.4	24.2	25.6	20.0	20.4	21.2	22.6	18.0	18.4	19.2	20.6																
	S/T	0.75	0.67	0.52	0.37	0.74	0.66	0.52	0.38	1.00	0.69	0.55	0.40	1.00	0.70	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52																
	ΔT	24	22	16	13	21	19	16	13	21	20	17	13	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13																
	kW	1.71	1.87	1.97	1.98	2.22	2.22	2.21	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54	3.86	3.86	3.85	3.87	4.20	4.20	4.19	4.21																
<b>1160</b>	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.8	15.5	15.5	15.5	15.5	17.2	17.2	17.2	17.2																
	Hi PR	265	269	274	279	314	315	317	324	358	360	362	364	407	408	410	415	459	460	462	467	514	516	517	520	563	564	565	566	599	600	601	602																
	Lo PR	124	125	129	131	132	133	136	141	138	140	143	145	144	145	149	151	149	151	154	155	156	158	161	163	161	162	163	164	166	167	168	169																
	MBh	27.5	29.1	29.9	30.4	28.4	28.8	29.6	30.2	27.7	28.1	28.9	29.4	26.4	26.8	27.6	28.2	24.8	25.2	26.1	27.4	23.4	23.8	24.7	25.2	20.4	20.8	21.6	23.0	18.4	18.8	19.6	21.0																
	S/T	0.83	0.73	0.59	0.45	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	0.86	0.72	0.58																
<b>860</b>	ΔT	23	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12																
	kW	1.88	1.99	1.98	2.00	2.24	2.23	2.23	2.25	2.51	2.51	2.51	2.52	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.54	3.87	3.87	3.86	3.88	4.21	4.21	4.20	4.22																
	Amps	6.6	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.7	12.1	12.1	12.1	12.1	13.9	13.9	13.8	13.8	15.6	15.6	15.5	15.5	17.3	17.3	17.2	17.2																
	Hi PR	271	275	277	282	317	318	320	324	361	363	365	369	410	411	413	418	462	463	465	470	517	519	520	525	564	565	566	566	599	600	601	601																
	Lo PR	125	128	131	136	134	135	138	144	140	142	145	150	146	148	151	156	152	153	156	162	158	160	163	168	161	162	163	164	166	167	168	169																
<b>1160</b>	MBh	29.2	29.6	30.5	31.7	29.0	29.4	30.2	31.5	28.2	28.6	29.5	30.8	26.9	27.3	28.2	29.5	25.4	25.8	26.6	27.9	24.0	24.4	25.2	26.5	20.6	21.0	21.8	23.2	18.6	19.0	19.8	21.2																
	S/T	0.84	0.77	0.63	0.48	1.00	0.77	0.64	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	0.86	0.72	0.58	1.00	0.88	0.74	0.60	1.00	0.90	0.76	0.62																
	ΔT	19	17	14	11	19	17	14	11	19	17	14	11	19	17	14	11	19	17	14	11	20	18	15	12	20	18	15	12	20	18	15	12																
	kW	2.00	2.00	1.99	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.15	3.17	3.55	3.55	3.55	3.57	3.89	3.89	3.88	3.90	4.22	4.22	4.21	4.23																
	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0	15.6	15.6	15.5	15.5	17.3	17.3	17.2	17.2																
<b>860</b>	Hi PR	276	278	280	284	319	32																																										



EXPANDED COOLING DATA — DX6VSA301WA\* / DV36FECC14A\* (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	59	63	67	71								
<b>80</b>	MBh	25.9	27.6	29.6	30.9	28.1	28.5	29.4	30.7	27.4	27.8	28.6	29.9	26.1	26.5	27.4	28.7	24.6	25.0	25.8	27.1	23.2	23.5	24.4	25.7												
	S/T	1.00	0.80	0.64	0.50	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62												
	ΔT	28	26	20	17	24	23	20	17	25	23	20	17	24	23	20	17	24	23	20	17	25	24	21	18												
	kW	1.71	1.87	1.97	1.99	2.22	2.22	2.22	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54												
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.9												
	Hi PR	266	270	275	279	314	316	317	322	359	360	362	367	407	409	411	415	460	461	463	463	515	516	518	523												
	Lo PR	124	125	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	155	160	157	158	161	167												
	MBh	27.7	29.2	30.1	31.4	28.6	29.0	29.8	31.1	27.8	28.2	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.2	27.5	23.6	24.0	24.8	26.1												
	S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70												
	ΔT	27	22	19	16	23	22	19	16	23	22	19	16	23	22	19	16	23	21	18	15	24	22	19	16												
kW	1.88	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.56													
Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.1	12.1	12.2	13.9	13.9	13.8	13.9													
Hi PR	271	275	277	282	317	318	320	325	362	363	365	370	410	411	413	418	462	463	465	470	518	519	521	526													
Lo PR	126	128	131	137	134	136	139	144	141	142	146	151	147	148	151	157	152	154	157	162	159	160	164	169													
MBh	29.4	29.8	30.6	31.9	29.1	29.5	30.3	31.6	28.4	28.8	29.6	30.9	27.1	27.5	28.3	29.6	25.5	25.9	26.8	28.1	24.1	24.5	25.4	26.7													
S/T	1.00	0.89	0.76	0.61	1.00	0.90	0.76	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.88	0.74													
ΔT	22	21	18	15	22	21	18	15	23	21	18	15	22	21	18	15	22	20	18	14	23	21	19	15													
kW	2.00	2.00	2.00	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.16	3.17	3.56	3.55	3.55	3.57													
Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.8	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0													
Hi PR	277	278	280	285	320	321	323	328	365	366	368	372	413	414	416	421	465	466	468	473	520	522	524	528													
Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	154	159	154	156	159	164	161	163	166	171													
<b>85</b>	MBh	26.4	28.1	30.1	31.4	28.6	29.0	29.9	31.1	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.3	27.6	23.6	24.0	24.9	26.2												
	S/T	1.00	0.91	0.75	0.60	1.00	1.00	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	0.67	1.00	1.00	0.73													
	ΔT	32	30	23	20	28	26	23	20	28	26	23	20	28	26	23	20	27	26	23	20	28	27	24	21												
	kW	1.72	1.87	1.97	1.99	2.23	2.22	2.22	2.24	2.50	2.50	2.50	2.52	2.80	2.80	2.80	2.82	3.14	3.14	3.13	3.15	3.53	3.53	3.53	3.54												
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.7	10.6	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.9												
	Hi PR	267	271	276	281	316	317	319	323	360	362	364	368	409	410	412	417	461	462	464	469	516	518	519	524												
	Lo PR	126	127	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169												
	MBh	28.1	29.7	30.5	31.8	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.8	27.0	27.4	28.3	29.6	25.5	25.9	26.7	28.0	24.1	24.5	25.3	26.6												
	S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.80	0.75	1.00	1.00	0.80													
	ΔT	30	25	22	19	26	25	22	19	27	25	22	19	26	25	22	19	26	25	22	19	27	26	23	20												
kW	1.89	1.99	1.99	2.01	2.24	2.24	2.24	2.25	2.52	2.52	2.51	2.53	2.82	2.82	2.81	2.83	3.15	3.15	3.15	3.17	3.55	3.55	3.54	3.56													
Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.1	12.2	13.9	13.9	13.9	13.9													
Hi PR	273	277	279	283	318	320	321	326	363	364	366	371	411	413	415	419	464	465	467	471	519	520	522	527													
Lo PR	128	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	159	164	161	162	166	171													
MBh	29.8	30.2	31.1	32.4	29.6	30.0	30.8	32.1	28.8	29.2	30.1	31.4	27.6	28.0	28.8	30.1	26.0	26.4	27.3	28.6	24.6	25.0	25.8	27.1													
S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	0.80	0.79	1.00	1.00	0.84														
ΔT	25	24	21	18	25	24	21	18	26	24	21	18	25	24	21	18	25	24	21	18	26	25	22	19													
kW	2.01	2.00	2.00	2.02	2.25	2.25	2.25	2.27	2.53	2.53	2.53	2.54	2.83	2.83	2.83	2.84	3.17	3.16	3.16	3.18	3.56	3.56	3.55	3.57													
Amps	7.2	7.2	7.2	7.2	8.3	8.3	8.3	8.3	9.5	9.5	9.4	9.5	10.8	10.8	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0													
Hi PR	278	279	281	286	321	322	324	329	366	367	369	374	414	415	417	422	466	467	469	474	522	523	525	530													
Lo PR	131	133	136	141	139	140	143	149	145	147	150	155	151	152	156	161	156	158	161	166	163	165	168	173													

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



EXPANDED COOLING DATA — DX6VSA361WA\* / CAPEA3026\*4A\* + MBVC1600\*\* -1A\*

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	30.6	32.7	34.3	32.6	33.1	34.0	31.7	32.2	33.2	30.2	30.7	31.7	28.4	28.9	29.9	26.8	27.2	28.2	30.6	32.7	34.3	32.6	33.1	34.0	31.7	32.2	33.2	30.2	30.7	31.7	28.4	28.9	29.9	26.8	27.2	28.2						
	S/T	0.63	0.54	0.37	0.59	0.51	0.38	0.61	0.54	0.40	0.63	0.56	0.42	1.00	0.58	0.45	1.00	0.63	0.50	0.63	0.54	0.37	0.59	0.51	0.38	0.61	0.54	0.40	0.63	0.56	0.42	1.00	0.58	0.45	1.00	0.63	0.50						
	ΔT	19	18	12	16	14	12	16	15	12	16	14	12	19	17	15	19	17	15	12	16	14	12	16	14	12	16	14	12	16	14	12	19	17	15	12	16	14	12				
	kW	2.05	2.21	2.30	2.60	2.60	2.59	2.93	2.93	2.93	2.93	3.29	3.29	3.70	3.69	3.69	3.70	3.69	3.69	4.17	3.29	3.29	2.93	2.93	2.93	3.29	3.29	3.29	3.70	3.69	3.69	3.70	3.69	3.69	4.17	4.17	4.16	4.16	4.16				
	Amps	7.5	8.1	8.3	9.7	9.6	9.6	11.1	11.1	11.1	11.1	12.7	12.7	14.4	14.4	14.4	14.4	14.4	14.4	16.5	11.1	11.1	9.6	9.6	9.6	11.1	11.1	11.1	12.7	12.7	12.7	14.4	14.4	14.4	16.5	16.5	16.5	16.5	16.5				
	Hi PR	266	269	274	314	315	317	359	360	362	359	407	408	410	459	460	462	459	460	518	314	315	317	359	360	362	359	407	408	410	459	460	462	459	460	518	518	519	521	521			
	Lo PR	121	122	126	129	130	133	135	137	140	135	141	142	145	146	147	151	146	147	151	129	130	133	135	137	140	135	141	142	145	146	147	151	146	147	151	153	154	157	157			
	MBh	32.7	33.9	34.8	33.1	33.6	34.6	32.2	32.7	33.7	30.8	31.2	32.2	28.9	29.4	30.4	27.3	27.8	28.7	32.7	33.9	34.8	33.1	33.6	34.6	32.2	32.7	33.7	30.8	31.2	32.2	28.9	29.4	30.4	27.3	27.8	28.7	28.7	28.7				
	S/T	0.70	0.58	0.45	0.66	0.59	0.45	0.69	0.61	0.48	0.71	0.63	0.50	1.00	0.65	0.52	1.00	0.65	0.52	0.70	0.58	0.45	0.66	0.59	0.45	0.69	0.61	0.48	0.71	0.63	0.50	1.00	0.65	0.52	1.00	0.65	0.52	1.00	0.65	0.52			
	ΔT	18	13	11	15	13	11	15	14	11	15	13	11	14	12	10	14	12	10	11	15	13	11	15	13	11	15	13	11	15	13	10	14	12	10	15	13	10	15	13	10		
kW	2.23	2.32	2.32	2.62	2.62	2.61	2.95	2.95	2.95	2.95	3.33	3.33	3.72	3.71	3.71	3.72	3.71	3.71	4.19	2.23	2.32	2.32	2.62	2.62	2.61	2.95	2.95	2.95	3.33	3.33	3.32	3.72	3.71	3.71	4.19	4.19	4.18	4.18	4.18	4.18			
Amps	8.2	8.4	8.4	9.7	9.7	9.7	11.2	11.2	11.1	11.2	12.7	12.7	14.5	14.5	14.5	14.5	14.5	14.5	16.5	8.2	8.4	8.4	9.7	9.7	9.7	11.2	11.2	11.1	12.7	12.7	12.7	14.5	14.5	14.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5		
Hi PR	271	275	277	317	318	320	362	363	365	362	410	411	413	462	463	465	462	463	518	317	318	320	362	363	365	362	410	411	413	462	463	465	462	463	518	518	519	521	521				
Lo PR	122	125	128	131	132	135	137	139	142	137	143	144	147	148	150	153	148	150	153	122	125	128	131	132	135	137	139	142	143	144	147	148	150	153	148	150	153	155	156	159	159		
MBh	34.0	34.5	35.5	33.7	34.2	35.2	32.9	33.3	34.3	31.4	31.9	32.8	29.6	30.1	31.0	27.9	28.4	29.4	34.0	34.5	35.5	33.7	34.2	35.2	32.9	33.3	34.3	31.4	31.9	32.8	29.6	30.1	31.0	27.9	28.4	29.4	29.4	29.4	29.4				
S/T	0.70	0.62	0.49	0.70	0.63	0.49	0.73	0.65	0.52	1.00	0.67	0.54	1.00	0.69	0.56	1.00	0.69	0.56	0.70	0.62	0.49	0.70	0.63	0.49	0.73	0.65	0.52	1.00	0.67	0.54	1.00	0.69	0.56	1.00	0.69	0.56	1.00	0.69	0.56				
ΔT	14	12	10	14	12	10	14	13	10	14	12	10	14	12	10	14	12	10	11	14	12	10	14	12	10	14	13	10	14	12	10	14	12	10	15	13	10	15	13	10			
kW	2.34	2.34	2.33	2.64	2.63	2.63	2.97	2.97	2.96	2.97	3.33	3.33	3.72	3.73	3.72	3.73	3.73	4.20	2.34	2.34	2.33	2.64	2.63	2.63	2.97	2.97	2.96	3.33	3.33	3.32	3.72	3.73	3.72	4.20	4.20	4.20	4.20	4.20	4.20	4.20			
Amps	8.5	8.5	8.5	9.8	9.8	9.8	11.2	11.2	11.2	11.2	12.8	12.8	14.6	14.6	14.5	14.6	14.6	16.6	8.5	8.5	8.5	9.8	9.8	9.8	11.2	11.2	11.2	12.8	12.8	12.8	14.6	14.6	14.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6			
Hi PR	277	278	280	319	321	323	364	366	367	364	413	414	416	465	466	468	465	466	520	319	321	323	364	366	367	364	413	414	416	465	466	468	465	466	520	520	522	524	524	524	524		
Lo PR	126	127	130	133	135	138	140	141	144	140	145	147	150	150	152	155	150	152	155	126	127	130	133	135	138	140	141	144	145	147	150	150	152	155	150	152	155	157	159	162	162		
<b>75</b>	MBh	30.6	32.7	34.4	32.6	33.1	34.1	31.7	32.2	33.2	30.3	30.7	31.7	28.5	28.9	29.9	26.8	27.3	28.3	30.6	32.7	34.4	32.6	33.1	34.1	31.7	32.2	33.2	30.3	30.7	31.7	28.5	28.9	29.9	26.8	27.3	28.3	28.3	28.3	28.3			
	S/T	0.77	0.68	0.50	0.72	0.64	0.51	1.00	0.67	0.53	0.39	1.00	0.69	0.55	0.41	1.00	0.78	0.65	0.51	0.77	0.68	0.50	0.72	0.64	0.51	1.00	0.67	0.53	0.39	1.00	0.69	0.55	0.41	1.00	0.78	0.65	0.51	1.00	0.78	0.65	0.51		
	ΔT	23	21	15	19	18	15	19	18	15	12	19	18	15	12	19	18	15	12	14	19	18	15	19	18	15	12	19	18	15	12	19	17	15	12	20	18	16	15	15	15		
	kW	2.04	2.21	2.29	2.60	2.60	2.59	2.93	2.93	2.93	2.93	3.29	3.29	3.70	3.69	3.69	3.70	3.69	3.69	4.17	2.21	2.29	2.32	2.60	2.60	2.59	2.93	2.93	2.93	3.31	3.31	3.31	3.71	3.71	3.71	4.17	4.17	4.16	4.16	4.16	4.16	4.16	
	Amps	7.5	8.1	8.3	9.6	9.6	9.6	11.1	11.1	11.1	11.2	12.7	12.7	14.4	14.4	14.4	14.4	14.4	14.4	16.5	7.5	8.1	8.3	9.6	9.6	9.6	11.1	11.1	11.1	12.7	12.7	12.7	14.4	14.4	14.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
	Hi PR	266	270	274	314	315	317	359	360	362	359	407	409	410	459	460	462	459	460	518	274	279	279	314	315	317	322	359	360	362	367	367	409	410	415	460	461	463	467	515	516	518	518
	Lo PR	121	122	126	129	130	133	135	137	140	145	141	142	145	146	147	151	146	147	151	121	122	126	129	130	133	138	135	137	140	145	141	142	145	146	147	151	156	156	157	163	163	163
	MBh	32.8	33.9	34.9	33.1	33.6	34.6	32.3	32.7	33.7	35.2	30.8	31.2	32.2	29.0	29.4	30.4	27.3	27.8	28.8	32.8	33.9	34.9	33.1	33.6	34.6	32.3	32.7	33.7	35.2	30.8	31.2	32.2	29.0	29.4	30.4	27.3	27.8	28.8	28.8	28.8	28.8	
	S/T	0.84	0.71	0.58	0.79	0.72	0.58	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.82	0.69	0.51	0.84	0.71	0.58	0.79	0.72	0.58	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.82	0.69	0.51	1.00	0.82	0.69	0.51		
	ΔT	22	17	14	18	17	14	18	17	14	11	18	17	14	11	18	16	14	11	14	17	14	11	18	17	14	11	18	17	14	11	18	16	14	11	19	17	15	14	14	14		
kW	2.23	2.32	2.31	2.62	2.62	2.61	2.95	2.95	2.94	2.97	3.31	3.31	3.72	3.71	3.71	3.72	3.71	3.71	4.18	2.32	2.31	2.34	2.62	2.62	2.61	2.95	2.95	2.94	3.31	3.31	3.33	3.71	3.71	3.71	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	
Amps	8.2	8.4	8.4	9.7	9.7	9.7	11.2	11.2	11.1	11.2	12.7	12.7	14.5	14.5	14.5	14.5	14.5	14.5	16.5	8.2	8.4	8.4	9.7	9.7	9.7	11.2	11.2	11.1	12.7	12.7	12.7	14.5	14.5	14.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
Hi PR	271	275	277	317	318	320	362	363	365	370	410	413	418	462	464	465	470	470	521	277	282	282	317	318	320	325	362	363	365	370	410	413	418	462	464	465	470	518	519	521	52		

EXPANDED COOLING DATA — DX6VSA361WA\* / CAPEA3026\*4A\* + MBVC1600\*\* -1A\* (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>1070</b>	MBh	30.8	32.9	34.5	36.0	32.8	33.2	34.2	35.7	31.9	32.4	33.4	34.9	30.4	30.9	31.9	33.4	28.6	29.1	30.1	31.6	27.0	27.4	28.4	27.9
	S/T	0.90	0.81	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.68	0.53	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.65
	ΔT	27	25	18	15	22	21	18	15	22	21	18	15	22	21	18	15	22	21	18	15	23	22	19	19
	kW	2.05	2.21	2.30	2.32	2.60	2.60	2.59	2.62	2.93	2.93	2.93	2.95	3.29	3.29	3.29	3.31	3.70	3.69	3.69	3.71	4.17	4.17	4.16	3.69
	Amps	7.5	8.1	8.3	8.4	9.7	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.7	12.6	12.7	14.4	14.4	14.4	14.5	16.5	16.5	16.4	14.6
	Hi PR	267	270	275	280	315	316	318	322	360	361	363	367	408	409	411	416	460	461	463	468	516	517	519	513
	Lo PR	122	122	126	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	155	158	163
	MBh	32.9	34.1	35.0	36.5	33.3	33.8	34.7	36.2	32.4	32.9	33.9	35.4	30.9	31.4	<b>32.4</b>	33.9	29.1	29.6	30.6	32.1	27.5	28.0	28.9	28.3
	S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	<b>0.75</b>	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.74
	ΔT	26	20	17	14	21	20	17	14	21	20	17	14	21	20	<b>17</b>	14	21	20	17	14	22	20	18	18
kW	2.23	2.32	2.32	2.34	2.62	2.62	2.61	2.64	2.95	2.95	2.95	2.97	3.31	3.31	<b>3.31</b>	3.33	3.72	3.71	3.71	3.73	4.19	4.19	4.18	3.70	
Amps	8.2	8.4	8.4	8.5	9.7	9.7	9.7	9.8	11.2	11.2	11.1	11.2	12.7	12.7	<b>12.7</b>	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	14.7	
Hi PR	272	276	278	282	317	319	321	325	362	364	365	370	411	412	<b>414</b>	419	463	464	466	471	518	520	522	516	
Lo PR	123	125	128	134	131	133	136	141	138	139	142	148	143	145	<b>148</b>	153	149	150	153	158	155	157	160	165	
MBh	34.2	34.7	35.7	37.2	33.9	34.4	35.4	36.9	33.1	33.5	34.5	36.0	31.6	32.1	33.0	34.5	29.8	30.2	31.2	32.7	28.1	28.6	29.6	28.9	
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	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.86	0.78	
ΔT	20	19	16	13	20	19	16	13	21	19	16	14	20	19	16	13	20	19	16	13	21	20	17	17	
kW	2.34	2.34	2.33	2.35	2.64	2.63	2.63	2.65	2.97	2.97	2.96	2.98	3.33	3.33	3.32	3.34	3.73	3.73	3.72	3.75	4.20	4.20	4.20	3.72	
Amps	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.9	11.2	11.2	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.6	16.6	16.6	16.6	14.7	
Hi PR	277	279	280	285	320	321	323	328	365	366	368	373	413	415	417	421	466	467	469	473	521	522	524	519	
Lo PR	126	128	131	136	134	135	138	143	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	168	
MBh	31.3	33.4	35.1	36.6	33.3	33.8	34.8	36.3	32.5	32.9	33.9	35.4	31.0	31.5	32.4	33.9	29.2	29.6	30.6	32.1	27.5	28.0	29.0	28.4	
S/T	1.00	0.92	0.72	0.58	1.00	0.87	0.73	0.59	1.00	1.00	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.76	
ΔT	30	29	21	18	25	24	21	18	25	24	21	18	25	24	21	18	25	23	21	18	26	24	22	23	
kW	2.05	2.21	2.30	2.32	2.61	2.61	2.60	2.62	2.94	2.94	2.93	2.96	3.30	3.30	3.29	3.32	3.70	3.70	3.69	3.72	4.17	4.17	4.17	3.69	
Amps	7.5	8.2	8.3	8.4	9.7	9.7	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5	16.5	16.5	16.5	14.6	
Hi PR	268	271	276	281	316	317	319	324	361	362	364	369	409	410	412	417	461	462	464	469	517	518	520	515	
Lo PR	124	124	128	133	131	132	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	165	
MBh	33.5	34.6	35.6	37.1	33.8	34.3	35.3	36.8	33.0	33.5	34.4	35.9	31.5	32.0	33.0	34.5	29.7	30.2	31.1	32.6	28.0	28.5	29.5	28.9	
S/T	1.00	0.93	0.80	0.66	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.84	
ΔT	29	23	20	17	24	23	20	17	24	23	20	17	24	23	20	17	24	22	20	17	25	23	21	21	
kW	2.23	2.33	2.32	2.34	2.63	2.62	2.62	2.64	2.96	2.96	2.95	2.97	3.32	3.32	3.31	3.33	3.72	3.72	3.71	3.74	4.19	4.19	4.19	3.71	
Amps	8.2	8.5	8.4	8.5	9.8	9.7	9.7	9.8	11.2	11.2	11.2	11.3	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6	16.6	16.6	16.5	14.7	
Hi PR	273	277	279	284	319	320	322	327	364	365	367	371	412	413	415	420	464	465	467	472	520	521	523	517	
Lo PR	125	127	130	135	133	135	138	143	140	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167	
MBh	34.8	35.2	36.2	37.7	34.5	35.0	35.9	37.4	33.6	34.1	35.1	36.6	32.1	32.6	33.6	35.1	30.3	30.8	31.8	33.3	28.7	29.1	30.1	29.4	
S/T	1.00	0.97	0.84	0.70	1.00	1.00	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	0.88	
ΔT	23	22	19	16	23	22	19	16	23	22	19	16	23	22	19	16	23	21	19	16	24	22	20	20	
kW	2.34	2.34	2.34	2.36	2.64	2.64	2.63	2.66	2.97	2.97	2.97	2.99	3.33	3.33	3.33	3.35	3.74	3.73	3.73	3.75	4.21	4.21	4.20	3.72	
Amps	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.9	11.3	11.3	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	14.8	
Hi PR	279	280	282	286	321	323	325	329	366	368	369	374	415	416	418	423	467	468	470	475	522	524	526	520	
Lo PR	128	130	133	138	136	137	140	145	142	144	147	152	147	149	152	157	153	154	157	163	160	161	164	169	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSS1810A\* / CAPEA1818\*4A\* + DTA119A71

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71														
<b>520</b>	MBh	16.6	16.9	17.4	17.2	16.5	16.7	17.2	16.8	16.1	16.3	16.8	16.4	15.3	15.6	16.0	15.4	14.4	14.6	15.1	14.6	14.4	14.6	15.1	14.6	13.6	13.8	14.3	13.6	13.6	13.8	14.3	13.6																
	S/T	0.62	0.54	0.40	0.40	0.62	0.54	0.40	0.43	0.65	0.57	0.43	0.43	1.00	0.59	0.45	0.45	1.00	0.61	0.47	0.47	1.00	0.61	0.47	0.47	1.00	0.67	0.52	1.00	1.00	0.67	0.52	1.00																
	ΔT	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	18	19	17	14	14																
	kW	1.06	1.06	1.05	1.19	1.19	1.19	1.19	1.33	1.34	1.34	1.33	1.33	1.50	1.50	1.49	1.49	1.68	1.68	1.67	1.67	1.68	1.68	1.67	1.67	1.89	1.89	1.88	1.89	1.89	1.89	1.88	1.89																
	Amps	3.8	3.8	3.8	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4																
	Hi PR	242	243	245	283	280	281	283	323	320	322	323	323	364	365	366	366	410	411	413	413	410	411	413	413	460	461	463	460	460	461	463	463																
	Lo PR	126	127	130	138	133	135	138	145	140	142	145	145	146	147	151	151	151	153	156	156	151	153	156	156	158	160	163	158	158	160	163	163																
	MBh	16.9	17.1	17.6	17.5	16.8	17.0	17.5	17.1	16.3	16.6	17.1	17.1	15.6	15.8	16.3	16.3	14.7	14.9	15.4	15.4	14.7	14.9	15.4	15.4	13.8	14.1	14.6	13.8	13.8	14.1	14.6	14.6																
	S/T	0.69	0.61	0.47	0.48	0.70	0.62	0.48	0.51	0.73	0.65	0.51	0.51	1.00	0.67	0.53	0.53	1.00	0.69	0.55	0.55	1.00	0.69	0.55	0.55	1.00	0.74	0.60	1.00	1.00	0.74	0.60	1.00																
	ΔT	17	15	12	12	17	15	12	12	17	15	12	12	17	15	12	12	16	15	12	12	16	15	12	12	17	16	13	17	17	16	13	17																
kW	1.07	1.06	1.06	1.20	1.20	1.20	1.19	1.34	1.35	1.35	1.34	1.34	1.51	1.51	1.50	1.50	1.69	1.68	1.68	1.68	1.69	1.68	1.68	1.68	1.90	1.89	1.89	1.90	1.90	1.89	1.89	1.90																	
Amps	3.9	3.8	3.8	4.4	4.4	4.4	4.4	5.1	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5																	
Hi PR	245	246	247	286	283	284	286	326	323	324	326	326	366	367	369	369	413	414	415	415	413	414	415	415	462	463	465	462	462	463	465	465																	
Lo PR	128	129	133	140	136	137	140	147	142	144	147	147	148	149	153	153	153	155	158	158	153	155	158	158	160	162	165	160	160	162	165	165																	
MBh	17.2	17.5	18.0	17.8	17.1	17.3	17.8	17.4	16.6	16.9	17.4	17.4	15.9	16.1	16.6	16.6	15.0	15.2	15.7	15.7	15.0	15.2	15.7	15.7	14.1	14.4	14.9	14.1	14.1	14.4	14.9	14.9																	
S/T	0.73	0.65	0.51	0.52	0.74	0.66	0.52	0.54	1.00	0.69	0.54	0.54	1.00	0.71	0.56	0.56	1.00	0.73	0.59	0.59	1.00	0.73	0.59	0.59	1.00	1.00	0.64	1.00	1.00	1.00	0.64	1.00																	
ΔT	16	14	11	11	16	14	11	11	16	14	11	11	16	14	11	11	15	14	11	11	15	14	11	11	16	15	12	16	16	15	12	16																	
kW	1.07	1.07	1.07	1.20	1.20	1.20	1.20	1.35	1.35	1.35	1.35	1.35	1.51	1.51	1.51	1.51	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90																	
Amps	3.9	3.9	3.9	4.4	4.5	4.5	4.4	5.1	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5																	
Hi PR	247	248	250	288	285	286	288	328	325	326	328	328	368	369	371	371	415	416	418	418	415	416	418	418	465	466	467	465	465	466	467	467																	
Lo PR	130	132	135	143	138	140	143	149	145	146	149	149	150	152	155	155	156	158	161	161	156	158	161	161	163	164	168	163	163	164	168	168																	
<b>520</b>	MBh	16.7	16.9	17.4	18.2	16.5	16.7	17.2	18.0	16.1	16.3	16.8	17.6	15.3	15.6	16.1	16.8	14.4	14.6	15.1	15.9	14.4	14.6	15.1	15.9	13.6	13.8	14.3	13.6	13.6	13.8	14.3	13.6																
	S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	1.00	0.66	1.00	1.00	1.00	0.66	1.00																
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	19	16	13	21	19	16	13	22	21	17	22	22	21	17	22																
	kW	1.06	1.06	1.05	1.06	1.19	1.19	1.19	1.20	1.34	1.34	1.33	1.34	1.50	1.50	1.49	1.50	1.68	1.68	1.67	1.68	1.68	1.68	1.67	1.68	1.89	1.89	1.88	1.89	1.89	1.89	1.88	1.89																
	Amps	3.8	3.8	3.8	3.8	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4																
	Hi PR	242	243	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	410	411	413	417	460	461	463	460	460	461	463	467																
	Lo PR	126	127	130	136	133	135	138	144	140	142	145	150	146	147	151	156	151	153	156	161	151	153	156	161	158	160	163	158	158	160	163	168																
	MBh	16.9	17.1	17.6	18.4	16.8	17.0	17.5	18.3	16.3	16.6	17.1	17.8	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	14.7	14.9	15.4	16.2	13.8	14.1	14.6	13.8	13.8	14.1	14.6	13.8																
	S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.68	0.53	1.00	1.00	0.74	1.00	1.00	1.00	0.74	1.00																
	ΔT	20	19	16	12	20	19	15	12	20	19	16	13	20	19	15	12	20	18	15	12	20	18	15	12	21	19	16	21	21	19	16	21																
kW	1.06	1.06	1.06	1.07	1.20	1.20	1.19	1.20	1.35	1.34	1.34	1.35	1.51	1.51	1.50	1.51	1.68	1.68	1.68	1.69	1.68	1.68	1.68	1.69	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.90																	
Amps	3.9	3.8	3.8	3.9	4.4	4.4	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5																	
Hi PR	245	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	416	420	413	414	416	420	463	464	465	463	463	464	465	469																	
Lo PR	128	129	133	138	136	137	140	146	142	144	147	152	148	150	153	158	154	155	158	164	154	155	158	164	161	162	165	161	161	162	165	171																	
MBh	17.2	17.5	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	15.0	15.2	15.7	16.5	14.1	14.4	14.9	14.1	14.1	14.4	14.9	14.1																	
S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.72	0.57	1.00	1.00	0.78	1.00	1.00	1.00	0.78	1.00																	
ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	19	17	14	11	20	18	15	20	20	18	15	20																	
kW	1.07	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.91																	
Amps	3.9	3.9	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5																	
Hi PR	247	248	250	254	285	286	288	292	325	327	328	332	369	370	371	376	415	416	418	422	415	416	418	422	465	466	468	465	465	466	468	472																	
Lo PR	130	132	135	140	138																																												

EXPANDED COOLING DATA — DX6VSS1810A\* / CAPEA1818\*4A\* + DTA119A71 (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>520</b>	MBh	16.7	17.0	17.5	18.2	16.6	16.8	17.3	18.1	16.2	16.4	16.9	17.7	15.4	15.6	16.1	16.9	14.5	14.7	15.2	16.0	13.7	13.9	14.4	15.2	
	S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64	
	ΔT	25	23	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18	
	kW	1.06	1.06	1.05	1.06	1.19	1.19	1.19	1.20	1.34	1.34	1.33	1.34	1.50	1.50	1.49	1.50	1.68	1.68	1.67	1.68	1.89	1.89	1.88	1.89	
	Amps	3.8	3.8	3.8	3.8	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	
	Hi PR	243	244	246	250	281	282	284	288	321	322	324	328	364	365	367	371	411	412	414	418	461	462	463	467	
	Lo PR	126	128	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	157	162	159	160	164	169	
	<b>80</b>	MBh	17.0	17.2	17.7	18.5	16.9	17.1	17.6	18.3	16.4	16.7	17.1	17.9	15.7	15.9	16.4	17.2	14.7	15.0	15.5	16.2	13.9	14.1	14.6	15.4
		S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72
		ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17
kW		1.07	1.06	1.06	1.07	1.20	1.20	1.19	1.20	1.35	1.34	1.34	1.35	1.51	1.51	1.51	1.51	1.69	1.68	1.68	1.69	1.90	1.89	1.89	1.90	
Amps		3.9	3.8	3.8	3.9	4.4	4.4	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.5	
Hi PR		245	246	248	252	283	285	286	290	324	325	326	331	367	368	369	374	413	414	416	420	463	464	466	470	
Lo PR		128	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171	
<b>700</b>		MBh	17.3	17.6	18.1	18.8	17.2	17.4	17.9	18.7	16.7	17.0	17.5	18.2	16.0	16.2	16.7	17.5	15.1	15.3	15.8	16.6	14.2	14.5	15.0	15.7
		S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.76
		ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16
	kW	1.07	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	
	Amps	3.9	3.9	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	
	Hi PR	248	249	250	255	286	287	289	293	326	327	329	333	369	370	372	376	416	417	418	423	465	466	468	472	
	Lo PR	131	132	136	141	139	140	143	149	145	147	150	155	151	153	156	161	157	158	161	167	164	165	168	174	
	<b>520</b>	MBh	17.0	17.3	17.8	18.5	16.9	17.1	17.6	18.4	16.4	16.7	17.2	17.9	15.7	15.9	16.4	17.2	14.8	15.0	15.5	16.3	13.9	14.2	14.7	15.4
		S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.69	1.00	1.00	1.00	0.75
		ΔT	28	27	24	20	28	27	23	20	28	27	24	21	28	27	23	20	28	26	23	20	29	27	24	21
kW		1.06	1.06	1.06	1.07	1.19	1.19	1.19	1.20	1.34	1.34	1.34	1.35	1.50	1.50	1.50	1.51	1.68	1.68	1.68	1.69	1.89	1.89	1.89	1.90	
Amps		3.8	3.8	3.8	3.9	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.6	7.4	7.4	7.4	7.5	
Hi PR		244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	415	419	462	463	464	469	
Lo PR		128	130	133	138	136	137	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171	
<b>85</b>		MBh	17.3	17.5	18.0	18.8	17.1	17.4	17.9	18.6	16.7	16.9	17.4	18.2	15.9	16.2	16.7	17.4	15.0	15.3	15.8	16.5	14.2	14.4	14.9	15.7
		S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
		ΔT	27	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20
	kW	1.07	1.07	1.06	1.07	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.52	1.69	1.69	1.68	1.69	1.90	1.90	1.89	1.90	
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.5	6.6	7.5	7.5	7.5	7.5	
	Hi PR	246	247	249	253	285	286	287	292	325	326	327	332	368	369	371	375	414	415	417	421	464	465	467	471	
	Lo PR	130	132	135	140	138	140	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173	
	<b>700</b>	MBh	17.6	17.8	18.3	19.1	17.4	17.7	18.2	18.9	17.0	17.2	17.7	18.5	16.3	16.5	17.0	17.8	15.3	15.6	16.1	16.8	14.5	14.7	15.2	16.0
		S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.86
		ΔT	26	24	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19
kW		1.07	1.07	1.07	1.08	1.21	1.21	1.20	1.21	1.36	1.35	1.35	1.36	1.52	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	
Amps		3.9	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	
Hi PR		249	250	251	256	287	288	290	294	327	328	330	334	370	371	373	377	417	418	420	424	466	468	469	473	
Lo PR		133	134	138	143	140	142	145	151	147	149	152	157	153	154	158	163	158	160	163	169	165	167	170	176	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSS2410A\* / CAPEA1818\*4A\* + DTA119A71

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																		
<b>680</b>	MBh	22.1	22.4	23.1	23.9	21.9	22.2	22.9	21.3	21.7	22.3	20.4	20.7	21.3	19.1	19.4	20.1	18.0	18.3	19.0	22.1	22.4	23.1	23.9	21.9	22.2	22.9	21.3	21.7	22.3	20.4	20.7	21.3	19.1	19.4	20.1	18.0	18.3	19.0										
	S/T	0.61	0.53	0.39	0.39	0.61	0.53	0.40	0.64	0.56	0.42	0.66	0.58	0.44	1.00	0.60	0.46	1.00	0.66	0.52	0.61	0.53	0.39	0.39	0.61	0.53	0.40	0.64	0.56	0.42	0.66	0.58	0.44	1.00	0.60	0.46	1.00	0.66	0.52										
	ΔT	18	16	13	13	18	16	13	18	16	13	18	16	13	18	16	13	19	17	14	18	16	13	13	18	16	13	18	16	13	18	16	13	19	17	14	19	17	14										
	kW	1.55	1.55	1.54	1.54	1.75	1.75	1.74	1.97	1.97	1.97	2.21	2.21	2.21	2.48	2.48	2.48	2.80	2.80	2.79	1.55	1.55	1.54	1.54	1.75	1.75	1.74	1.97	1.97	1.97	2.21	2.21	2.21	2.48	2.48	2.48	2.80	2.80	2.79										
	Amps	5.6	5.6	5.6	5.6	6.5	6.4	6.4	7.4	7.4	7.4	8.5	8.5	8.4	9.6	9.6	9.6	11.0	11.0	11.0	5.6	5.6	5.6	5.6	6.5	6.4	6.4	7.4	7.4	7.4	8.5	8.5	8.4	9.6	9.6	9.6	11.0	11.0	11.0										
	Hi PR	261	262	264	264	302	303	305	345	346	348	391	392	394	441	443	444	495	496	498	261	262	264	264	302	303	305	345	346	348	391	392	394	441	443	444	495	496	498										
	Lo PR	121	123	126	126	129	130	134	135	137	140	141	142	145	146	148	151	153	155	158	121	123	126	126	129	130	134	135	137	140	141	142	145	146	148	151	153	155	158										
	MBh	22.5	22.8	23.4	23.4	22.3	22.6	23.2	21.7	22.0	22.7	20.7	21.0	21.7	19.5	19.8	20.5	18.4	18.7	19.3	22.5	22.8	23.4	23.4	22.3	22.6	23.2	21.7	22.0	22.7	20.7	21.0	21.7	19.5	19.8	20.5	18.4	18.7	19.3										
	S/T	0.68	0.61	0.47	0.47	0.69	0.61	0.47	0.72	0.64	0.50	0.74	0.66	0.52	1.00	0.68	0.54	1.00	0.73	0.59	0.68	0.61	0.47	0.47	0.69	0.61	0.47	0.72	0.64	0.50	0.74	0.66	0.52	1.00	0.68	0.54	1.00	0.73	0.59										
	ΔT	17	15	12	12	17	15	12	17	15	12	17	15	12	16	14	11	16	15	12	17	15	12	12	17	15	12	17	15	12	17	15	12	16	14	11	16	15	12										
kW	1.56	1.56	1.56	1.56	1.76	1.76	1.76	1.98	1.98	1.98	2.23	2.23	2.23	2.49	2.49	2.49	2.81	2.81	2.81	1.56	1.56	1.56	1.56	1.76	1.76	1.76	1.98	1.98	1.98	2.23	2.23	2.23	2.49	2.49	2.49	2.81	2.81	2.81											
Amps	5.6	5.6	5.6	5.6	6.5	6.5	6.5	7.5	7.5	7.5	8.6	8.6	8.5	9.7	9.7	9.7	11.1	11.1	11.0	5.6	5.6	5.6	5.6	6.5	6.5	6.5	7.5	7.5	7.5	8.6	8.6	8.5	9.7	9.7	9.7	11.1	11.1	11.0											
Hi PR	263	264	266	266	304	306	307	348	349	351	394	395	397	444	445	447	498	499	501	263	264	266	266	304	306	307	348	349	351	394	395	397	444	445	447	498	499	501											
Lo PR	124	125	128	128	131	133	136	138	139	142	143	145	148	148	150	153	155	157	160	124	125	128	128	131	133	136	138	139	142	143	145	148	150	153	155	157	160												
MBh	22.9	23.2	23.9	23.9	22.7	23.0	23.7	22.1	22.4	23.1	21.1	21.4	22.1	19.9	20.2	20.9	18.8	19.1	19.8	22.9	23.2	23.9	23.9	22.7	23.0	23.7	22.1	22.4	23.1	21.1	21.4	22.1	19.9	20.2	20.9	18.8	19.1	19.8											
S/T	0.72	0.64	0.51	0.51	0.73	0.65	0.51	0.76	0.68	0.54	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.77	0.63	0.72	0.64	0.51	0.51	0.73	0.65	0.51	0.76	0.68	0.54	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.77	0.63											
ΔT	16	14	11	11	16	14	11	16	14	11	16	14	11	15	14	11	15	14	12	16	14	11	11	16	14	11	16	14	11	16	14	11	15	14	11	15	14	12											
kW	1.57	1.57	1.57	1.57	1.77	1.77	1.77	1.99	1.99	1.99	2.24	2.23	2.23	2.50	2.50	2.50	2.82	2.82	2.82	1.57	1.57	1.57	1.57	1.77	1.77	1.77	1.99	1.99	1.99	2.24	2.23	2.23	2.50	2.50	2.50	2.82	2.82	2.82											
Amps	5.7	5.7	5.7	5.7	6.6	6.5	6.5	7.5	7.5	7.5	8.6	8.6	8.5	9.7	9.7	9.7	11.1	11.1	11.1	5.7	5.7	5.7	5.7	6.6	6.5	6.5	7.5	7.5	7.5	8.6	8.6	8.5	9.7	9.7	9.7	11.1	11.1	11.1											
Hi PR	266	267	269	269	307	308	310	350	351	353	397	398	400	447	448	450	500	501	503	266	267	269	269	307	308	310	350	351	353	397	398	400	447	448	450	500	501	503											
Lo PR	126	128	131	131	133	135	138	140	141	145	145	147	150	151	152	155	158	159	162	126	128	131	131	133	135	138	140	141	145	145	147	150	151	152	155	158	159	162											

<b>680</b>	MBh	22.1	22.5	23.1	24.1	21.9	22.3	22.9	23.9	21.4	21.7	22.3	23.3	20.4	20.7	21.3	22.4	22.4	20.4	22.1	22.5	23.1	24.1	21.9	22.3	22.9	23.9	21.4	21.7	22.3	23.3	20.4	20.7	21.3	22.4	22.4	20.4					
	S/T	0.74	0.66	0.52	0.37	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	0.50	0.48	0.74	0.66	0.52	0.37	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	0.50	0.48					
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	22	21	20	17	13	12	13	21	20	17	14	21	20	17	14	22	20	17	14	22	21	20	17	13	12	13			
	kW	1.55	1.55	1.54	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.22	2.23	2.22	1.55	1.55	1.54	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.22	2.23	2.22	2.23		
	Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	8.6	8.5	8.4	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	8.6	8.5	8.4			
	Hi PR	261	262	264	268	302	303	305	309	345	346	348	353	392	393	395	399	442	443	445	261	262	264	268	302	303	305	309	345	346	348	353	392	393	395	399	442	443	445			
	Lo PR	122	123	126	131	129	130	134	139	135	137	140	145	141	142	146	151	146	148	151	122	123	126	131	129	130	134	139	135	137	140	145	141	142	146	151	146	148	151			
	MBh	22.5	22.8	23.5	24.5	22.3	22.6	23.3	24.3	21.7	22.0	22.7	23.7	20.7	21.0	21.7	22.7	21.1	21.5	22.1	22.5	22.8	23.5	24.5	22.3	22.6	23.3	24.3	21.7	22.0	22.7	23.7	20.7	21.0	21.7	22.7	21.1	21.5	22.1			
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	0.50	0.50	0.50	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	0.50	0.50	0.50			
	ΔT	20	19	15	12	20	18	15	12	20	19	16	13	20	20	18	15	12	12	12	20	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	12	12	12			
kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.22	2.23	2.49	2.49	2.50	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.23	2.49	2.49	2.50	2.81	2.81	2.82		
Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.5	7.4	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.5	7.4	7.5	8.5	8.5	8.6	9.7	9.7	9.7	11.1	11.1	11.0		
Hi PR	263	265	266	271	305	306	308	312	348	349	351	355	394	395	397	402	444	445	447	263	265	266	271	305	306	308	312	348	349	351	355	394	395	397	402	444	445	447	452	498	501	505
Lo PR	124	125	128	133	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	124	125	128	133	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153				
MBh	22.9	23.2	23.9	24.9	22.7	23.0	23.7	24.7	22.1	22.4	23.1	24.1	21.1	21.5	22.1	23.1	19.9	20.2	20.9	22.9																						

EXPANDED COOLING DATA — DX6VSS2410A\* / CAPEA1818\*4A\* + DTA119A71 (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
<b>680</b>	MBh	22.3	22.6	23.2	24.2	22.1	22.4	23.0	24.0	21.5	21.8	22.5	23.5	20.5	20.8	21.5	22.5	19.3	19.6	20.2	21.3	18.2	18.5	19.1	20.1
	S/T	0.87	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.55	1.55	1.54	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.48	2.49	2.80	2.80	2.79	2.81
	Amps	5.6	5.6	5.6	5.6	6.5	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.1
	Hi PR	261	262	264	269	302	304	305	310	346	347	349	353	392	393	395	400	442	443	445	450	496	497	499	503
	Lo PR	122	124	127	132	129	131	134	139	136	137	141	146	141	143	146	151	147	148	151	157	154	155	158	163
	MBh	22.6	22.9	23.6	24.6	22.4	22.7	23.4	24.4	21.8	22.1	22.8	23.8	20.8	21.1	21.8	22.8	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5
	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	0.92	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	17
kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.22	2.24	2.49	2.49	2.49	2.50	2.81	2.81	2.81	2.82	
Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.7	11.1	11.1	11.1	11.1	
Hi PR	264	265	267	271	305	306	308	313	348	349	351	356	395	396	398	402	445	446	448	452	498	499	501	506	
Lo PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	154	159	156	157	160	166	
MBh	23.0	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.6	23.2	24.2	21.3	21.6	22.2	23.2	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9	
S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75	
ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19	16	
kW	1.57	1.57	1.57	1.58	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.24	2.23	2.23	2.25	2.50	2.50	2.50	2.51	2.82	2.82	2.82	2.83	
Amps	5.7	5.7	5.7	5.7	6.6	6.5	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.2	
Hi PR	267	268	269	274	308	309	311	315	351	352	354	358	397	398	400	405	447	449	450	455	501	502	504	508	
Lo PR	127	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	151	153	156	161	158	160	163	168	
MBh	22.6	22.9	23.6	24.6	22.4	22.7	23.4	24.4	21.9	22.2	22.8	23.8	20.9	21.2	21.8	22.8	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5	
S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74	
ΔT	28	27	23	20	28	26	23	20	28	27	24	21	28	26	23	20	28	26	23	20	29	27	24	21	
kW	1.55	1.55	1.55	1.56	1.75	1.75	1.75	1.76	1.98	1.97	1.97	1.99	2.22	2.21	2.21	2.23	2.49	2.48	2.48	2.50	2.80	2.80	2.80	2.81	
Amps	5.6	5.6	5.6	5.6	6.5	6.5	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.5	9.7	9.6	9.6	9.7	11.0	11.0	11.0	11.1	
Hi PR	262	264	265	270	304	305	307	311	347	348	350	354	393	394	396	401	443	444	446	451	497	498	500	504	
Lo PR	124	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	158	155	157	160	165	
MBh	23.0	23.3	23.9	25.0	22.8	23.1	23.7	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.0	20.3	21.0	22.0	18.9	19.2	19.8	20.9	
S/T	1.00	0.97	0.83	0.69	1.00	0.98	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.81	
ΔT	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23	20	
kW	1.57	1.56	1.56	1.58	1.77	1.76	1.76	1.78	1.99	1.99	1.98	2.00	2.23	2.23	2.22	2.24	2.50	2.50	2.49	2.51	2.81	2.81	2.81	2.82	
Amps	5.7	5.6	5.6	5.7	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.1	
Hi PR	265	266	268	273	306	307	309	314	349	351	352	357	396	397	399	403	446	447	449	454	500	501	502	507	
Lo PR	126	128	131	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	155	161	158	159	162	167	
MBh	23.4	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	23.6	20.4	20.7	21.4	22.4	19.3	19.6	20.3	21.3	
S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.95	0.80	1.00	1.00	1.00	0.85	
ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19	
kW	1.58	1.57	1.57	1.59	1.78	1.77	1.77	1.79	2.00	2.00	1.99	2.01	2.24	2.24	2.23	2.25	2.51	2.51	2.50	2.52	2.82	2.82	2.82	2.83	
Amps	5.7	5.7	5.7	5.7	6.6	6.6	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.6	9.8	9.7	9.7	9.8	11.1	11.1	11.1	11.2	
Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510	
Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	152	158	153	155	158	163	160	161	165	170	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.  
 Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSS3010A\* / CAPEA2422\*4A\* + DTA119A71

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
		ENTERING INDOOR WET BULB TEMPERATURE																																			
		AIRFLOW																																			
<b>750</b>	MBh	26.8	27.2	28.0	28.0	26.6	26.9	27.7	25.9	26.2	27.0	24.7	25.0	25.8	23.2	23.6	24.4	21.8	22.2	23.0	21.8	22.2	23.0	21.8	22.2	23.0	21.8	22.2	23.0								
	S/T	0.58	0.51	0.38	0.38	0.59	0.52	0.38	0.62	0.54	0.41	1.00	0.56	0.43	1.00	0.58	0.45	1.00	0.63	0.50	1.00	0.63	0.50	1.00	0.63	0.50	1.00	0.63	0.50								
	ΔT	18	16	13	13	18	16	13	18	16	13	18	16	13	18	16	13	19	17	14	19	17	14	19	17	14	19	17	14								
	kW	1.96	1.96	1.95	1.95	2.21	2.21	2.20	2.49	2.49	2.48	2.79	2.79	2.79	3.13	3.13	3.12	3.53	3.52	3.52	3.53	3.52	3.52	3.53	3.52	3.52	3.53	3.52	3.52								
	Amps	7.1	7.1	7.1	7.1	8.2	8.2	8.2	9.4	9.4	9.4	10.7	10.7	10.7	12.2	12.2	12.1	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9								
<b>70</b>	Hi PR	272	273	275	275	315	316	318	360	361	363	408	409	411	460	462	464	516	517	519	516	517	519	516	517	519	516	517	519								
	Lo PR	125	126	130	130	132	134	137	139	141	144	145	146	150	150	152	155	157	159	161	157	159	162	157	159	162	157	159	162								
	MBh	27.2	27.6	28.4	28.4	27.0	27.4	28.2	26.3	26.6	27.5	25.1	25.4	26.2	23.6	24.0	24.8	22.2	22.6	23.4	22.2	22.6	23.4	22.2	22.6	23.4	22.2	22.6	23.4								
	S/T	0.66	0.58	0.45	0.45	0.66	0.59	0.45	0.69	0.61	0.48	1.00	0.63	0.50	1.00	0.65	0.52	1.00	0.71	0.57	1.00	0.71	0.57	1.00	0.71	0.57	1.00	0.71	0.57								
	ΔT	17	15	12	12	17	15	12	17	15	12	17	15	12	17	15	12	17	16	13	17	16	13	17	16	13	17	16	13								
<b>1010</b>	kW	1.98	1.97	1.97	1.97	2.23	2.22	2.22	2.51	2.50	2.50	2.81	2.81	2.80	3.15	3.14	3.14	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54								
	Amps	7.2	7.2	7.1	7.1	8.2	8.2	8.2	9.5	9.5	9.4	10.8	10.8	10.7	12.2	12.2	12.2	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0								
	Hi PR	275	276	278	278	318	319	321	363	364	366	411	412	414	463	464	466	519	520	522	519	520	522	519	520	522	519	520	522								
	Lo PR	127	129	132	132	135	136	139	141	143	146	147	148	152	152	154	157	159	161	164	159	161	164	159	161	164	159	161	164								
	MBh	27.7	28.1	28.9	28.9	27.5	27.9	28.7	26.8	27.2	28.0	25.6	26.0	26.8	24.1	24.5	25.3	22.8	23.1	23.9	22.8	23.1	23.9	22.8	23.1	23.9	22.8	23.1	23.9								
<b>75</b>	S/T	0.69	0.62	0.49	0.49	0.70	0.63	0.49	1.00	0.65	0.52	1.00	0.67	0.54	1.00	0.69	0.56	1.00	0.74	0.61	1.00	0.74	0.61	1.00	0.74	0.61	1.00	0.74	0.61								
	ΔT	16	14	11	11	16	14	11	16	14	11	16	14	11	16	14	11	16	15	12	16	15	12	16	15	12	16	15	12								
	kW	1.99	1.99	1.98	1.98	2.24	2.24	2.23	2.52	2.52	2.51	2.82	2.82	2.81	3.16	3.16	3.15	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55								
	Amps	7.2	7.2	7.2	7.2	8.3	8.3	8.3	9.5	9.5	9.5	10.8	10.8	10.8	12.3	12.3	12.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0								
	Hi PR	277	278	280	280	320	321	323	365	366	368	414	415	417	466	467	469	522	523	525	522	523	525	522	523	525	522	523	525								
<b>750</b>	Lo PR	129	131	134	134	137	139	142	144	145	148	149	151	154	155	156	160	162	163	167	162	163	167	162	163	167	162	163	167								
	MBh	26.8	27.2	28.0	29.2	26.6	27.0	27.8	25.9	26.3	27.1	24.7	25.0	25.9	23.3	23.6	24.4	21.8	22.2	23.0	23.2	23.6	24.4	21.8	22.2	23.0	23.2	23.6	24.4								
	S/T	0.71	0.64	0.50	0.36	0.72	0.64	0.51	1.00	0.67	0.53	1.00	0.69	0.55	1.00	0.71	0.57	1.00	1.00	0.78	1.00	0.78	0.65	1.00	1.00	0.70	1.00	0.70	0.56								
	ΔT	21	20	17	14	21	20	17	22	20	17	21	20	17	22	20	17	22	21	18	22	20	18	15	22	21	19	16	13								
	kW	1.96	1.96	1.95	1.97	2.21	2.21	2.20	2.49	2.49	2.48	2.79	2.79	2.78	3.13	3.13	3.12	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52								
<b>75</b>	Amps	7.1	7.1	7.1	7.1	8.2	8.2	8.1	9.4	9.4	9.4	10.7	10.7	10.7	12.2	12.2	12.1	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9								
	Hi PR	272	273	275	280	315	316	318	360	361	363	408	410	412	461	462	464	516	517	519	516	517	519	516	517	519	516	517	519								
	Lo PR	125	126	130	135	133	134	137	139	141	144	145	146	150	150	152	155	157	159	161	157	159	162	157	159	162	157	159	162								
	MBh	27.2	27.6	28.4	29.6	27.0	27.4	28.2	26.3	26.7	27.5	25.1	25.4	26.2	23.6	24.0	24.8	22.2	22.6	23.4	22.2	22.6	23.4	22.2	22.6	23.4	22.2	22.6	23.4								
	S/T	0.79	0.71	0.58	0.44	1.00	0.72	0.58	1.00	0.74	0.61	1.00	0.76	0.63	1.00	0.78	0.65	1.00	1.00	0.78	1.00	0.78	0.65	1.00	1.00	0.70	1.00	0.70	0.56								
<b>75</b>	ΔT	20	19	16	12	20	19	15	20	19	16	20	19	15	20	19	15	20	18	15	20	18	15	20	18	15	20	18	13								
	kW	1.98	1.97	1.97	1.99	2.23	2.22	2.22	2.50	2.50	2.50	2.81	2.80	2.82	3.14	3.14	3.14	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.55								
	Amps	7.2	7.1	7.1	7.2	8.2	8.2	8.2	9.5	9.4	9.4	10.8	10.8	10.8	12.2	12.2	12.2	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0								
	Hi PR	275	276	278	283	318	319	321	363	364	366	411	412	414	463	465	467	519	520	522	519	520	522	519	520	522	519	520	522								
	Lo PR	127	129	132	137	135	136	139	141	143	146	147	148	152	153	154	157	159	161	164	159	161	164	159	161	164	159	161	164								
<b>1010</b>	MBh	27.7	28.1	28.9	30.1	27.5	27.9	28.7	26.8	27.2	28.0	25.6	26.0	26.8	24.1	24.5	25.3	22.8	23.1	23.9	22.8	23.1	23.9	22.8	23.1	23.9	22.8	23.1	23.9								
	S/T	0.82	0.75	0.61	0.47	1.00	0.75	0.62	1.00	0.78	0.64	1.00	0.80	0.66	1.00	0.80	0.69	1.00	1.00	0.78	1.00	0.80	0.69	1.00	1.00	0.74	1.00	0.74	0.59								
	ΔT	19	18	15	11	19	18	15	19	18	15	19	18	15	19	18	15	19	18	15	19	18	15	19	18	15	19	18	15								
	kW	1.99	1.99	1.98	2.00	2.24	2.24	2.23	2.52	2.52	2.51	2.82	2.82	2.81	3.16	3.15	3.15	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.57								
	Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	9.5	9.5	9.5	10.8	10.8	10.8	12.3	12.3	12.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.1								
<b>75</b>	Hi PR	277	279	281	285	320	322	323	365	367	368	414	415	417	466	467	469	522	523	525	522	523	525	522	523	525	522	523	525								
	Lo PR	129	131	134	140	137	139	142	144	145	149	149	151	154	155	156	160	162	163	167	162	163	167	162	163	167	162	163	167								

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

Shaded area is ACCA (TVA) conditions

IDB = Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.  
Airflow may vary depending on actual ambient conditions and system operation modes.



EXPANDED COOLING DATA — DX6VSS3010A\* / CAPEA2422\*4A\* + DTA119A71 (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>750</b>	MBh	27.0	27.3	28.1	29.4	26.7	27.1	27.9	29.1	26.0	26.4	27.2	28.4	24.8	25.2	26.0	27.2	23.3	23.7	24.5	25.7	22.0	22.4	23.2	24.4
	S/T	1.00	0.76	0.63	0.49	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.61
	ΔT	25	23	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.96	1.96	1.95	1.97	2.21	2.21	2.20	2.22	2.49	2.49	2.48	2.50	2.79	2.79	2.79	2.80	3.13	3.13	3.12	3.14	3.53	3.52	3.52	3.54
	Amps	7.1	7.1	7.1	7.1	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.1	12.2	13.9	13.9	13.9	14.0
	Hi PR	273	274	276	280	315	317	319	323	360	362	364	368	409	410	412	417	461	462	464	469	517	518	520	525
	Lo PR	125	127	130	136	133	135	138	143	140	141	144	150	145	147	151	155	151	152	156	161	158	159	163	168
	MBh	27.4	27.7	28.5	29.8	27.1	27.5	28.3	29.5	26.4	26.8	27.6	28.8	25.2	25.6	26.4	27.6	23.7	24.1	24.9	26.2	22.4	22.8	23.6	24.8
	S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17
kW	1.98	1.97	1.97	1.99	2.23	2.22	2.22	2.24	2.51	2.50	2.50	2.52	2.81	2.81	2.81	2.82	3.15	3.14	3.14	3.16	3.54	3.54	3.54	3.55	
Amps	7.2	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.5	9.5	9.4	9.5	10.8	10.8	10.8	10.8	12.2	12.2	12.2	12.3	14.0	14.0	13.9	14.0	
Hi PR	275	276	278	283	318	319	321	326	363	364	366	371	412	413	415	420	464	465	467	472	520	521	523	528	
Lo PR	128	129	132	138	135	137	140	145	142	143	147	152	148	149	152	158	153	155	158	163	160	162	165	170	
MBh	27.9	28.3	29.1	30.3	27.6	28.0	28.8	30.0	26.9	27.3	28.1	29.3	25.7	26.1	26.9	28.1	24.3	24.6	25.4	26.7	22.9	23.3	24.1	25.3	
S/T	1.00	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.72	
ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16	
kW	1.99	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.52	2.52	2.51	2.53	2.82	2.82	2.81	2.83	3.16	3.16	3.15	3.17	3.55	3.55	3.55	3.57	
Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	14.0	14.0	14.0	14.1	
Hi PR	278	279	281	286	321	322	324	329	366	367	369	374	414	416	417	422	467	468	470	474	522	524	525	530	
Lo PR	130	132	135	140	138	139	142	148	144	146	149	154	150	152	155	160	155	157	160	166	162	164	167	172	
MBh	27.4	27.8	28.6	29.8	27.2	27.5	28.3	29.6	26.5	26.8	27.6	28.9	25.3	25.6	26.4	27.7	23.8	24.2	25.0	26.2	22.4	22.8	23.6	24.8	
S/T	1.00	0.86	0.73	0.59	1.00	1.00	0.73	0.59	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71	
ΔT	28	27	24	20	28	27	23	20	28	27	24	21	28	27	23	20	28	26	23	20	29	27	24	21	
kW	1.97	1.96	1.96	1.98	2.22	2.21	2.21	2.23	2.49	2.49	2.49	2.51	2.80	2.79	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.53	3.52	3.54	
Amps	7.1	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	13.9	13.9	13.9	14.0	
Hi PR	274	275	277	282	317	318	320	325	362	363	365	370	410	411	413	418	462	464	466	470	518	519	521	526	
Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	158	163	160	161	164	170	
MBh	27.8	28.2	29.0	30.2	27.6	28.0	28.8	30.0	26.9	27.3	28.1	29.3	25.7	26.1	26.9	28.1	24.2	24.6	25.4	26.6	22.8	23.2	24.0	25.3	
S/T	1.00	0.93	0.80	0.66	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.73	1.00	1.00	1.00	0.78	
ΔT	27	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20	
kW	1.98	1.98	1.97	1.99	2.23	2.23	2.23	2.24	2.51	2.51	2.50	2.52	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.55	3.54	3.54	3.56	
Amps	7.2	7.2	7.2	7.2	8.3	8.3	8.2	8.3	9.5	9.5	9.5	9.5	10.8	10.8	10.8	10.8	12.3	12.3	12.2	12.3	14.0	14.0	14.0	14.0	
Hi PR	277	278	280	284	320	321	323	327	365	366	368	372	413	414	416	421	465	466	468	473	521	522	524	529	
Lo PR	129	131	134	140	137	139	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	167	172	
MBh	28.3	28.7	29.5	30.7	28.1	28.5	29.3	30.5	27.4	27.8	28.6	29.8	26.2	26.6	27.4	28.6	24.7	25.1	25.9	27.1	23.4	23.7	24.5	25.8	
S/T	1.00	0.97	0.84	0.70	1.00	1.00	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82	
ΔT	26	24	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19	
kW	1.99	1.99	1.99	2.01	2.24	2.24	2.24	2.26	2.52	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.16	3.18	3.56	3.56	3.55	3.57	
Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	14.0	14.0	14.0	14.1	
Hi PR	279	280	282	287	322	323	325	330	367	368	370	375	416	417	419	423	468	469	471	476	524	525	527	531	
Lo PR	132	133	137	142	140	141	144	150	146	148	151	156	152	153	157	162	157	159	162	167	164	166	169	174	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.  
 Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)





EXPANDED COOLING DATA — DX6VSS3610A\* / CAPEA3026\*4A\* + DTA119A71 (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>850</b>	MBh	32.5	32.9	33.9	35.4	32.2	32.6	33.6	35.1	31.3	31.8	32.8	34.2	29.9	30.3	31.3	32.8	28.1	28.6	29.5	31.0	26.5	26.9	27.9	29.0
	S/T	1.00	0.77	0.63	0.49	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.76	0.65
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	19
	kW	2.67	2.67	2.66	2.69	3.01	3.01	3.00	3.03	3.39	3.39	3.38	3.41	3.80	3.80	3.79	3.82	4.26	4.26	4.25	4.28	4.80	4.80	4.79	3.98
	Amps	9.5	9.5	9.4	9.6	11.0	11.0	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.7	18.7	18.7	15.2
	Hi PR	281	282	284	289	325	327	329	333	372	373	375	380	422	423	425	430	476	477	479	484	533	534	536	534
	Lo PR	125	127	130	135	133	135	138	143	140	141	144	150	145	147	150	155	151	152	156	161	158	159	163	168
	MBh	33.0	33.4	34.4	35.9	32.7	33.1	34.1	35.6	31.8	32.3	33.3	34.7	30.4	30.8	<b>31.8</b>	33.3	28.6	29.1	30.0	31.5	27.0	27.4	28.4	26.5
	S/T	1.00	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	1.00	<b>0.76</b>	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.73
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	<b>18</b>	15	22	21	18	15	23	22	19	18
kW	2.69	2.69	2.68	2.71	3.03	3.03	3.02	3.05	3.41	3.41	3.41	3.43	3.82	3.82	<b>3.82</b>	3.84	4.28	4.28	4.28	4.30	4.82	4.82	4.82	3.99	
Amps	9.6	9.6	9.5	9.7	11.1	11.0	11.0	11.1	12.7	12.7	12.7	12.8	14.5	14.5	<b>14.5</b>	14.6	16.5	16.5	16.5	16.6	18.8	18.8	18.8	15.2	
Hi PR	284	285	287	292	328	330	331	336	375	376	378	383	425	426	<b>428</b>	433	479	480	482	487	536	537	539	537	
Lo PR	128	129	132	138	135	137	140	145	142	143	147	152	148	149	<b>152</b>	158	153	155	158	163	160	162	165	170	
MBh	33.6	34.0	35.0	36.5	33.3	33.8	34.7	36.2	32.5	32.9	33.9	35.4	31.0	31.5	32.4	33.9	29.2	29.7	30.6	32.1	27.6	28.1	29.0	27.0	
S/T	1.00	0.88	0.75	0.60	1.00	0.89	0.75	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	1.00	0.77	
ΔT	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	21	20	17	14	22	21	18	17	
kW	2.71	2.71	2.70	2.73	3.05	3.05	3.04	3.07	3.43	3.43	3.42	3.45	3.84	3.84	3.83	3.86	4.30	4.30	4.29	4.32	4.84	4.84	4.83	4.01	
Amps	9.7	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.5	14.7	16.6	16.6	16.5	16.7	18.9	18.9	18.9	15.3	
Hi PR	287	288	290	295	331	332	334	339	377	379	381	386	427	429	431	436	481	483	485	489	539	540	542	539	
Lo PR	130	132	135	140	138	139	142	148	144	146	149	154	150	152	155	160	156	157	160	166	162	164	167	173	
<b>85</b>	MBh	33.0	33.5	34.4	35.9	32.7	33.2	34.1	35.6	31.9	32.3	33.3	34.8	30.4	30.9	31.8	33.3	28.6	29.1	30.1	31.5	27.0	27.5	28.4	26.5
	S/T	1.00	0.87	0.74	0.59	1.00	1.00	0.74	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	1.00	0.75
	ΔT	27	25	22	19	27	25	22	19	27	25	22	20	27	25	22	19	26	25	22	19	27	26	23	22
	kW	2.68	2.67	2.67	2.70	3.02	3.02	3.01	3.04	3.40	3.40	3.39	3.42	3.81	3.81	3.80	3.83	4.27	4.27	4.26	4.29	4.81	4.81	4.80	3.98
	Amps	9.5	9.5	9.5	9.6	11.0	11.0	11.0	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.8	18.8	18.7	15.2
	Hi PR	282	284	286	290	327	328	330	335	373	374	376	381	423	424	426	431	477	478	480	485	535	536	538	535
	Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	170
	MBh	33.5	34.0	34.9	36.4	33.2	33.7	34.6	36.1	32.4	32.8	33.8	35.3	30.9	31.4	32.3	33.8	29.1	29.6	30.6	32.0	27.5	28.0	28.9	26.9
	S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.83
	ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	25	24	21	18	26	25	22	21
kW	2.70	2.70	2.69	2.72	3.04	3.04	3.03	3.06	3.42	3.42	3.41	3.44	3.83	3.83	3.82	3.85	4.29	4.29	4.28	4.31	4.83	4.83	4.82	4.00	
Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.0	11.2	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.9	18.9	18.8	15.3	
Hi PR	285	287	288	293	330	331	333	338	376	377	379	384	426	427	429	434	480	481	483	488	537	539	541	538	
Lo PR	129	131	134	140	137	139	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	167	172	
MBh	34.1	34.6	35.6	37.0	33.8	34.3	35.3	36.7	33.0	33.5	34.4	35.9	31.5	32.0	33.0	34.4	29.8	30.2	31.2	32.7	28.1	28.6	29.6	27.5	
S/T	1.00	0.98	0.85	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.87	
ΔT	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	17	24	23	20	17	25	24	21	20	
kW	2.72	2.71	2.71	2.73	3.06	3.05	3.05	3.07	3.44	3.43	3.43	3.46	3.85	3.85	3.84	3.87	4.31	4.31	4.30	4.33	4.85	4.85	4.84	4.01	
Amps	9.7	9.7	9.6	9.8	11.2	11.2	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	16.7	18.9	18.9	18.9	15.3	
Hi PR	288	289	291	296	332	334	336	340	379	380	382	387	429	430	432	437	483	484	486	491	540	541	543	541	
Lo PR	132	134	137	142	140	141	144	150	146	148	151	156	152	153	157	162	157	159	162	167	164	166	169	174	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions

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

EXPANDED COOLING DATA — DX6VSS4210A\*/CAPE4860\*4A\* + DTA119A71

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																		115°F												
		65°F						75°F						85°F							95°F						105°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63		67	71	59	63	67	71	59	63	67	71		
1120	MBh	40.1	40.7	41.9	41.9	39.7	40.3	41.5	41.5	38.7	39.2	40.4	40.4	36.9	37.4	38.6	38.6	34.7	35.2	36.4	36.4	30.6	31.1	32.2	32.2							
	S/T	0.58	0.51	0.37	0.38	0.59	0.51	0.38	0.38	0.61	0.54	0.40	0.40	0.63	0.56	0.42	0.42	0.65	0.58	0.44	0.44	1.00	0.62	0.49	0.49							
	ΔT	19	18	14	14	19	18	14	14	20	18	14	14	19	18	14	14	19	17	14	14	22	20	16	16							
	kW	3.18	3.18	3.17	3.61	3.62	3.61	3.61	3.61	4.10	4.10	4.09	4.09	4.63	4.63	4.62	4.62	5.22	5.22	5.21	5.21	5.26	5.26	5.25	5.25							
	Amps	12.4	12.4	12.3	14.2	14.3	14.2	14.2	14.2	16.4	16.4	16.3	16.3	18.7	18.7	18.6	18.6	21.2	21.2	21.2	21.2	21.4	21.4	21.4	21.4							
	Hi PR	268	270	271	314	311	312	314	314	355	356	358	358	403	404	406	406	455	456	458	458	501	502	504	504							
	Lo PR	116	118	121	128	124	125	128	128	130	131	134	134	135	137	139	139	140	142	145	145	144	146	149	149							
	MBh	40.7	41.3	42.5	42.5	40.4	40.9	42.1	42.1	39.3	39.9	41.1	41.1	37.5	38.1	39.3	39.3	35.3	35.9	37.1	37.1	31.2	31.7	32.8	32.8							
	S/T	0.66	0.58	0.45	0.45	0.66	0.59	0.45	0.45	0.69	0.61	0.48	0.48	0.71	0.63	0.50	0.50	0.73	0.65	0.52	0.52	1.00	0.70	0.56	0.56							
	ΔT	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	13	18	16	13	13	20	18	15	15							
kW	3.21	3.21	3.20	3.63	3.65	3.64	3.63	3.63	4.13	4.13	4.12	4.12	4.66	4.66	4.65	4.65	5.25	5.25	5.24	5.24	5.29	5.28	5.28	5.28								
Amps	12.5	12.5	12.4	14.3	14.4	14.4	14.3	14.3	16.5	16.5	16.5	16.5	18.8	18.8	18.7	18.7	21.4	21.3	21.3	21.3	21.5	21.5	21.5	21.5								
Hi PR	271	272	274	317	314	315	317	317	358	359	361	361	406	407	409	409	458	459	461	461	504	505	507	507								
Lo PR	119	120	123	130	126	127	130	130	132	133	136	136	137	139	142	142	142	144	147	147	146	148	151	151								
1520	MBh	41.5	42.1	43.3	43.3	41.1	41.7	42.9	42.9	40.1	40.7	41.9	41.9	38.3	38.9	40.1	40.1	36.1	36.6	37.8	37.8	31.9	32.4	33.6	33.6							
	S/T	0.70	0.62	0.49	0.49	0.70	0.63	0.49	0.49	0.73	0.65	0.52	0.52	0.75	0.67	0.54	0.54	1.00	0.69	0.56	0.56	1.00	0.73	0.60	0.60							
	ΔT	17	15	12	12	17	15	12	12	17	15	12	12	17	15	12	12	17	15	12	12	19	17	14	14							
	kW	3.23	3.23	3.22	3.66	3.67	3.67	3.66	3.66	4.16	4.15	4.14	4.14	4.68	4.68	4.67	4.67	5.27	5.27	5.26	5.26	5.31	5.30	5.30	5.30							
	Amps	12.6	12.6	12.5	14.4	14.5	14.5	14.4	14.4	16.6	16.6	16.6	16.6	18.9	18.9	18.8	18.8	21.5	21.4	21.4	21.4	21.6	21.6	21.6	21.6							
	Hi PR	274	275	277	324	316	318	319	319	361	362	364	364	409	410	412	412	460	461	463	463	507	508	510	510							
	Lo PR	121	122	125	132	128	129	132	132	134	136	139	139	139	141	144	144	145	146	149	149	149	150	153	153							
	1120	MBh	40.1	40.7	41.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	36.5	30.6	31.1	32.3	32.4						
		S/T	0.71	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48						
		ΔT	23	21	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	26	24	20	17						
kW		3.18	3.18	3.17	3.20	3.61	3.61	3.60	3.64	4.10	4.10	4.09	4.12	4.63	4.63	4.62	4.65	5.22	5.21	5.21	5.21	5.26	5.26	5.25	4.91							
Amps		12.4	12.3	12.3	12.5	14.3	14.2	14.2	14.3	16.4	16.4	16.3	16.5	18.7	18.6	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9							
Hi PR		269	270	272	276	311	312	314	319	356	357	359	363	403	405	406	411	455	456	458	463	501	502	504	504							
Lo PR		117	118	121	126	124	125	128	133	130	131	134	139	135	137	140	145	140	142	145	150	144	146	149	155							
MBh		40.7	41.3	42.5	44.3	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	<b>38.1</b>	39.3	41.1	35.3	35.9	37.1	37.1	31.2	31.7	32.8	33.0							
S/T		0.79	0.71	0.58	0.44	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	<b>0.76</b>	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.82	0.69	0.56							
ΔT		22	20	17	13	22	20	17	13	22	22	17	14	22	<b>20</b>	17	13	22	20	17	13	25	23	19	15							
kW	3.21	3.20	3.20	3.23	3.64	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	<b>4.65</b>	4.65	4.68	5.25	5.24	5.24	5.24	5.28	5.28	5.28	4.93								
Amps	12.5	12.5	12.4	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.4	16.6	18.8	<b>18.8</b>	18.7	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0								
Hi PR	271	273	275	279	314	315	317	322	358	360	361	366	406	<b>407</b>	409	414	458	459	461	466	504	505	507	507								
Lo PR	119	120	123	128	126	127	130	135	132	133	136	141	137	<b>139</b>	142	147	142	144	147	152	146	148	151	157								
1520	MBh	41.5	42.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.3	38.9	40.1	41.9	36.1	36.7	37.9	37.9	31.9	32.5	33.6	33.7							
	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	0.86	0.73	0.60							
	ΔT	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	15	12	23	21	18	14							
	kW	3.23	3.23	3.22	3.25	3.67	3.66	3.65	3.69	4.15	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.26	5.30	5.30	5.29	4.95							
	Amps	12.6	12.6	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.5	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.0							
	Hi PR	274	275	277	282	317	318	320	324	361	362	364	369	409	410	412	417	461	462	464	468	507	508	510	509							
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	149	150	153	159							

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

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

EXPANDED COOLING DATA — DX6VSS4210A\*/CAPE4860\*4A\* + DTA119A711 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												105°F												115°F											
		65°F				75°F				85°F				95°F				105°F				115°F															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71												
80	MBh	40.3	40.9	42.1	43.9	40.0	40.5	41.7	43.6	38.9	39.5	40.7	42.5	37.1	37.7	38.9	40.7	34.9	35.5	36.7	38.5	30.8	31.3	32.5	32.6												
	S/T	0.83	0.76	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.56	1.00	1.00	0.74	0.61												
	ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	30	28	25	21												
	kW	3.18	3.18	3.17	3.20	3.62	3.61	3.61	3.64	4.10	4.10	4.09	4.13	4.63	4.63	4.62	4.65	5.22	5.22	5.21	5.24	5.26	5.26	5.25	4.91												
	Amps	12.4	12.4	12.3	12.5	14.3	14.2	14.2	14.4	16.4	16.4	16.3	16.5	18.7	18.7	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9												
	Hi PR	269	270	272	277	312	313	315	319	356	357	359	364	404	405	407	412	456	457	459	463	502	503	505	504												
	Lo PR	117	118	121	126	124	126	129	131	130	132	135	140	136	137	140	145	141	142	145	150	145	146	149	156												
	MBh	40.9	41.5	42.7	44.5	40.6	41.2	42.4	44.2	39.5	40.1	41.3	43.1	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	31.4	31.9	33.0	33.2												
	S/T	0.91	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.81	0.68												
	ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	26	24	20	17	29	27	23	19												
kW	3.21	3.21	3.20	3.23	3.65	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	4.66	4.65	4.68	5.25	5.24	5.24	5.27	5.29	5.28	5.28	4.93													
Amps	12.5	12.5	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.7	18.9	21.4	21.3	21.3	21.5	21.5	21.5	21.5	20.0													
Hi PR	272	273	275	280	314	316	317	322	359	360	362	367	407	408	410	414	458	459	461	466	505	506	508	507													
Lo PR	119	121	124	128	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	147	148	151	158													
MBh	41.7	42.3	43.5	45.3	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.3	36.9	38.1	39.9	32.1	32.7	33.8	33.9													
S/T	0.95	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	0.85	0.72													
ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	24	23	19	16	28	26	22	18													
kW	3.23	3.23	3.22	3.25	3.67	3.66	3.66	3.69	4.16	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.31	5.30	5.30	4.95													
Amps	12.6	12.6	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.8	19.0	21.5	21.4	21.4	21.5	21.6	21.6	21.6	20.1													
Hi PR	275	276	278	282	317	318	320	325	362	363	365	369	409	411	412	417	461	462	464	469	507	508	510	510													
Lo PR	121	123	126	131	129	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	149	151	153	160													
85	MBh	41.0	41.6	42.8	44.6	40.6	41.2	42.4	44.2	39.6	40.2	41.4	43.2	37.8	38.3	39.5	41.4	35.6	36.1	37.3	39.2	31.4	32.0	33.1	33.2												
	S/T	1.00	0.86	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.84	0.71												
	ΔT	31	29	26	22	31	29	25	22	31	29	26	22	31	29	25	22	30	29	25	22	34	32	28	25												
	kW	3.19	3.19	3.18	3.21	3.63	3.62	3.61	3.65	4.11	4.11	4.10	4.14	4.64	4.64	4.63	4.66	5.23	5.23	5.22	5.25	5.27	5.27	5.26	4.91												
	Amps	12.4	12.4	12.4	12.5	14.3	14.3	14.3	14.4	16.4	16.4	16.4	16.5	18.7	18.7	18.7	18.8	21.3	21.3	21.2	21.4	21.4	21.4	21.4	19.9												
	Hi PR	270	272	273	278	313	314	316	321	357	358	360	365	405	406	408	413	457	458	460	465	503	504	506	506												
	Lo PR	119	120	123	128	126	127	130	135	132	134	137	142	137	139	142	147	143	144	147	152	147	148	151	157												
	MBh	41.6	42.2	43.4	45.2	41.3	41.8	43.0	44.9	40.2	40.8	42.0	43.8	38.4	39.0	40.2	42.0	36.2	36.8	38.0	39.8	32.0	32.6	33.7	33.8												
	S/T	1.00	0.93	0.80	0.66	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.91	0.78												
	ΔT	29	28	24	21	29	27	24	21	29	28	24	21	29	27	24	21	29	27	24	20	32	31	27	23												
kW	3.22	3.21	3.21	3.24	3.65	3.65	3.64	3.68	4.14	4.14	4.13	4.16	4.67	4.66	4.66	4.69	5.26	5.25	5.25	5.28	5.29	5.29	5.28	4.94													
Amps	12.5	12.5	12.5	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.8	18.9	21.4	21.4	21.3	21.5	21.6	21.5	21.5	20.0													
Hi PR	273	274	276	281	316	317	319	323	360	361	363	368	408	409	411	416	460	461	463	467	506	507	509	508													
Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	149	150	153	159													
MBh	42.4	43.0	44.2	46.0	42.0	42.6	43.8	45.6	41.0	41.6	42.8	44.6	39.2	39.8	41.0	42.8	37.0	37.6	38.8	40.6	32.8	33.3	34.4	34.5													
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	0.95	0.82													
ΔT	28	26	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	19	31	29	26	22													
kW	3.24	3.24	3.23	3.26	3.68	3.67	3.67	3.70	4.16	4.16	4.15	4.19	4.69	4.69	4.68	4.71	5.28	5.28	5.27	5.30	5.31	5.31	5.30	4.96													
Amps	12.6	12.6	12.6	12.7	14.5	14.5	14.5	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.9	19.0	21.5	21.5	21.4	21.6	21.6	21.6	21.6	20.1													
Hi PR	276	277	279	284	318	320	321	326	363	364	366	371	411	412	414	418	462	463	465	470	508	510	511	511													
Lo PR	123	125	128	133	130	132	135	140	137	138	141	146	142	143	146	151	147	148	151	156	151	152	155	162													

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX6VSS4810A\*/ CAPE4860\*4A\* + DTA119A71

IDB		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																												
		65°F								75°F								85°F								95°F								105°F								115°F																																																																																																				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																																																																																													
<b>1170</b>	MBh	45.7	46.3	47.7	45.3	45.9	47.3	44.1	44.7	46.1	42.0	42.7	44.0	39.5	40.2	41.5	31.7	32.3	33.4	S/T	0.57	0.50	0.37	0.60	0.53	0.40	0.62	0.54	0.41	0.64	0.57	0.43	0.70	0.62	0.49	ΔT	20	18	15	20	18	14	20	18	14	19	18	14	22	20	17	kW	3.83	3.82	3.81	4.36	4.36	4.35	4.96	4.95	4.95	5.60	5.60	5.59	6.33	6.32	6.31	5.41	5.41	5.40	Amps	15.0	15.0	14.9	17.3	17.3	17.2	19.9	19.9	19.8	22.7	22.7	22.6	25.8	25.8	25.8	21.8	21.8	21.8	Hi PR	281	282	284	325	327	329	372	373	375	422	423	425	476	477	479	514	515	517	Lo PR	115	116	119	122	123	126	128	129	132	133	135	138	138	140	143	142	143	146															
<b>70</b>	MBh	46.4	47.0	48.4	46.0	46.6	48.0	44.8	45.4	46.8	42.7	43.4	44.7	40.2	40.9	42.2	32.3	32.9	34.0	S/T	0.64	0.57	0.44	0.67	0.60	0.47	0.69	0.62	0.49	0.71	0.64	0.51	1.00	0.70	0.56	1.00	0.70	0.56	ΔT	18	17	13	18	17	13	19	17	13	18	17	13	18	16	13	21	19	15	kW	3.86	3.86	3.85	4.40	4.39	4.38	4.99	4.99	4.98	5.64	5.63	5.63	6.36	6.36	6.35	5.43	5.43	5.42	Amps	15.1	15.1	15.1	17.4	17.4	17.4	20.0	20.0	20.0	22.8	22.8	22.8	26.0	26.0	25.9	21.9	21.9	21.9	Hi PR	284	285	287	328	330	331	375	376	378	425	426	428	479	480	482	516	518	520	Lo PR	117	118	121	124	125	128	130	131	134	135	137	140	140	142	145	143	145	148									
<b>1590</b>	MBh	47.3	47.9	49.3	46.8	47.5	48.9	45.7	46.3	47.7	43.6	44.2	45.6	41.1	41.7	43.1	33.1	33.6	34.8	S/T	0.68	0.60	0.47	0.71	0.63	0.50	0.73	0.65	0.52	0.75	0.67	0.54	1.00	0.73	0.60	1.00	0.73	0.60	ΔT	17	16	12	17	15	12	18	16	12	17	15	12	17	15	12	20	18	14	kW	3.89	3.88	3.88	4.42	4.42	4.41	5.02	5.02	5.01	5.67	5.66	5.65	6.39	6.38	6.37	5.45	5.45	5.44	Amps	15.2	15.2	15.2	17.6	17.5	17.5	20.2	20.1	20.1	23.0	22.9	22.9	26.1	26.1	26.0	22.0	22.0	22.0	Hi PR	287	288	290	331	332	334	378	379	381	428	429	431	482	483	485	519	520	522	Lo PR	119	121	123	126	128	130	132	134	137	137	139	142	143	144	147	146	147	150									
<b>75</b>	MBh	45.7	46.4	47.7	49.8	45.3	45.9	47.3	49.4	44.1	44.7	46.1	48.2	42.0	42.7	44.1	46.1	31.7	32.3	33.5	S/T	0.69	0.62	0.49	0.35	0.70	0.63	0.50	0.36	0.72	0.65	0.52	0.38	1.00	0.67	0.54	0.40	1.00	0.75	0.62	ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	27	25	21	kW	3.82	3.82	3.81	3.85	4.36	4.35	4.35	4.39	4.96	4.95	4.94	4.98	5.60	5.60	5.59	5.63	5.41	5.40	5.05	Amps	15.0	14.9	14.9	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	21.8	21.8	20.3	Hi PR	281	282	284	289	326	327	329	334	372	373	375	380	422	424	426	430	476	478	480	Lo PR	115	116	119	124	122	123	126	131	128	129	132	137	133	135	138	142	138	140	144		
<b>75</b>	MBh	46.4	47.1	48.4	50.5	46.0	46.6	48.0	50.1	44.8	45.5	46.8	48.9	42.7	<b>43.4</b>	44.8	46.9	40.9	32.3	32.9	34.1	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	0.79	0.72	0.59	0.45	1.00	<b>0.74</b>	0.61	0.47	1.00	0.76	0.63	ΔT	22	21	17	14	22	20	17	14	23	21	17	14	22	<b>20</b>	17	14	22	20	17	15	kW	3.86	3.85	3.84	3.89	4.39	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.63	<b>5.63</b>	5.62	5.66	6.36	6.35	6.34	Amps	15.1	15.1	15.0	15.2	17.4	17.4	17.4	17.5	20.0	20.0	20.0	20.1	22.8	<b>22.8</b>	22.8	22.9	26.0	25.9	25.9	Hi PR	284	285	287	292	329	330	332	337	375	376	378	383	425	<b>426</b>	428	433	479	480	482	Lo PR	117	118	121	126	124	125	128	133	130	131	134	139	135	<b>137</b>	140	144	140	142	145
<b>1590</b>	MBh	47.3	47.9	49.3	51.4	46.9	47.5	48.9	51.0	45.7	46.3	47.7	49.8	43.6	44.3	45.6	47.7	41.1	33.6	34.8	34.9	S/T	0.80	0.73	0.60	0.46	0.81	0.73	0.60	0.47	0.83	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	14	kW	3.89	3.88	3.87	3.91	4.42	4.42	4.41	4.45	5.02	5.01	5.00	5.04	5.66	5.66	5.65	5.69	6.38	6.38	6.37	Amps	15.2	15.2	15.2	15.3	17.5	17.5	17.5	17.7	20.1	20.1	20.1	20.3	22.9	22.9	22.9	23.1	26.1	26.1	26.0	Hi PR	287	288	290	295	331	333	335	339	378	379	381	386	428	429	431	436	482	483	485	Lo PR	119	121	123	128	126	128	131	135	132	134	137	142	137	139	142	147	143	144	147

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

Shaded area is ACCA (TVA) conditions

IDB = Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.  
Airflow may vary depending on actual ambient conditions and system operation modes.

EXPANDED COOLING DATA — DX6VSS4810A\*/CAPE4860\*4A\* + DTA119A71 (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
<b>1170</b>	MBh	45.9	46.6	48.0	50.0	45.5	46.2	47.5	49.6	44.3	45.0	46.4	48.4	42.3	42.9	44.3	46.4	39.8	40.4	41.8	44.1	31.9	32.5	33.7	33.8
	S/T	0.81	0.74	0.61	0.47	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	0.87	0.74	0.60
	ΔT	28	26	22	19	28	26	22	19	28	26	23	19	28	26	22	19	27	26	22	21	31	29	25	22
	kW	3.83	3.82	3.81	3.85	4.36	4.36	4.35	4.39	4.96	4.95	4.95	4.99	5.60	5.60	5.59	5.63	6.33	6.32	6.31	6.31	5.41	5.40	5.40	5.05
	Amps	15.0	14.9	14.9	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8	21.8	20.3
	Hi PR	282	283	285	290	326	327	329	334	373	374	376	381	423	424	426	431	477	478	480	478	514	516	518	516
	Lo PR	115	117	120	125	122	124	127	132	129	130	133	138	134	135	138	143	139	140	143	145	142	143	146	151
	MBh	46.6	47.3	48.7	50.8	46.2	46.9	48.3	50.3	45.0	45.7	47.1	49.1	43.0	43.6	45.0	47.1	40.5	41.1	42.5	41.1	32.5	33.1	34.3	34.4
	S/T	0.89	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.81	0.67
	ΔT	26	25	21	18	26	24	21	18	27	25	21	18	26	24	21	18	26	24	21	19	29	28	24	20
kW	3.86	3.86	3.85	3.89	4.40	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.64	5.63	5.62	5.67	6.36	6.36	6.35	5.51	5.43	5.43	5.42	5.08	
Amps	15.1	15.1	15.1	15.2	17.4	17.4	17.4	17.6	20.0	20.0	20.0	20.2	22.8	22.8	22.8	23.0	26.0	26.0	25.9	22.3	21.9	21.9	21.9	20.4	
Hi PR	285	286	288	293	329	330	332	337	376	377	379	384	426	427	429	434	480	481	483	481	517	518	520	519	
Lo PR	117	119	122	127	124	126	129	134	131	132	135	140	136	137	140	145	141	142	145	147	144	145	148	153	
MBh	47.5	48.2	49.5	51.6	47.1	47.8	49.1	51.2	45.9	46.6	47.9	50.0	43.9	44.5	45.9	48.0	41.3	42.0	43.4	41.9	33.3	33.8	35.0	35.1	
S/T	0.92	0.85	0.72	0.58	1.00	0.85	0.72	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.85	0.71	
ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	18	28	26	23	19	
kW	3.89	3.88	3.87	3.92	4.42	4.42	4.41	4.45	5.02	5.02	5.01	5.05	5.67	5.66	5.65	5.69	6.39	6.38	6.37	5.53	5.45	5.45	5.44	5.09	
Amps	15.2	15.2	15.2	15.4	17.6	17.5	17.5	17.7	20.1	20.1	20.1	20.3	23.0	22.9	22.9	23.1	26.1	26.1	26.0	22.4	22.0	22.0	22.0	20.5	
Hi PR	287	289	291	296	332	333	335	340	378	380	382	386	428	430	432	437	482	484	486	484	520	521	523	521	
Lo PR	120	121	124	129	127	128	131	136	133	134	137	142	138	139	142	147	143	144	147	149	146	148	150	155	
<b>1170</b>	MBh	46.7	47.4	48.7	50.8	46.3	47.0	48.3	50.4	45.1	45.8	47.1	49.2	43.1	43.7	45.1	47.2	40.5	41.2	42.6	41.2	32.6	33.2	34.3	34.5
	S/T	1.00	0.84	0.71	0.57	1.00	0.84	0.71	0.58	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.84	0.70
	ΔT	31	29	26	23	31	29	26	22	31	30	26	23	31	29	26	22	31	29	26	25	35	33	29	25
	kW	3.84	3.83	3.82	3.87	4.37	4.37	4.36	4.40	4.97	4.96	4.96	5.00	5.61	5.61	5.60	5.64	6.34	6.33	6.32	5.49	5.42	5.41	5.41	5.06
	Amps	15.0	15.0	15.0	15.1	17.3	17.3	17.3	17.5	19.9	19.9	19.9	20.0	22.7	22.7	22.7	22.9	25.9	25.9	25.8	22.2	21.9	21.9	21.8	20.3
	Hi PR	283	284	286	291	328	329	331	336	374	375	377	382	424	425	427	432	478	479	481	479	516	517	519	517
	Lo PR	117	119	121	126	124	126	128	133	130	132	135	140	135	137	140	145	141	142	145	147	144	145	148	153
	MBh	47.4	48.1	49.4	51.5	47.0	47.7	49.0	51.1	45.8	46.5	47.8	49.9	43.8	44.4	45.8	47.9	41.2	41.9	43.3	41.8	33.2	33.8	34.9	35.0
	S/T	1.00	0.91	0.78	0.64	1.00	0.92	0.78	0.65	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.91	0.77
	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	23	33	31	28	24
kW	3.87	3.87	3.86	3.90	4.41	4.40	4.39	4.43	5.00	5.00	4.99	5.03	5.65	5.64	5.63	5.68	6.37	6.37	6.36	5.52	5.44	5.44	5.43	5.08	
Amps	15.2	15.1	15.1	15.3	17.5	17.5	17.4	17.6	20.1	20.1	20.0	20.2	22.9	22.9	22.8	23.0	26.0	26.0	26.0	22.3	22.0	22.0	21.9	20.4	
Hi PR	286	287	289	294	330	332	334	338	377	378	380	385	427	428	430	435	481	482	484	482	518	520	522	520	
Lo PR	119	121	123	128	126	128	130	135	132	134	137	142	137	139	142	147	143	144	147	149	146	147	150	155	
MBh	48.3	48.9	50.3	52.4	47.9	48.5	49.9	52.0	46.7	47.3	48.7	50.8	44.6	45.3	46.6	48.7	42.1	42.8	44.1	42.6	33.9	34.5	35.7	35.8	
S/T	1.00	0.95	0.82	0.68	1.00	0.95	0.82	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.86	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.95	0.81	
ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	28	27	23	22	32	30	27	23	
kW	3.90	3.89	3.89	3.93	4.43	4.43	4.42	4.46	5.03	5.03	5.02	5.06	5.68	5.67	5.66	5.70	6.40	6.39	6.38	5.54	5.46	5.46	5.45	5.10	
Amps	15.3	15.3	15.2	15.4	17.6	17.6	17.5	17.7	20.2	20.2	20.1	20.3	23.0	23.0	22.9	23.1	26.1	26.1	26.1	22.4	22.1	22.1	22.0	20.5	
Hi PR	289	290	292	297	333	334	336	341	380	381	383	388	430	431	433	438	484	485	487	485	521	522	524	522	
Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	144	149	145	146	149	151	148	149	152	157	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp. fan)



EXPANDED COOLING DATA — DX6VSS6010A\*/ CAPE4961\*4A\* + DTA119A71

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>1390</b>	MBh	53.8	54.5	56.2	53.3	54.1	55.7	51.9	52.7	54.3	49.5	50.2	51.8	41.9	42.6	44.1	35.8	36.5	37.8	53.8	54.5	56.2	53.3	54.1	55.7	51.9	52.7	54.3	49.5	50.2	51.8	41.9	42.6	44.1	35.8	36.5	37.8										
	S/T	0.55	0.48	0.35	0.56	0.49	0.36	0.58	0.51	0.38	0.70	0.63	0.52	0.39	0.76	0.69	0.56	1.00	0.76	0.62	0.55	0.48	0.35	0.56	0.49	0.36	0.58	0.51	0.38	0.70	0.63	0.52	0.39	0.76	0.69	0.56	1.00	0.76	0.62								
	ΔT	19	17	14	19	17	14	19	17	14	23	21	18	14	23	21	18	23	21	18	19	17	14	19	17	14	19	17	14	23	21	18	14	23	21	18	23	21	18								
	kW	4.52	4.52	4.51	5.15	5.14	5.13	5.85	5.84	5.83	5.84	5.84	5.83	5.83	6.60	6.59	6.58	6.09	6.08	6.08	4.52	4.52	4.51	5.15	5.14	5.13	5.85	5.84	5.83	6.09	6.08	6.08	5.87	5.87	5.86	5.86	5.86	5.86									
	Amps	17.4	17.4	17.3	20.1	20.1	20.1	23.2	23.1	23.1	23.1	23.2	23.1	23.1	26.4	26.4	26.4	24.2	24.2	24.2	17.4	17.4	17.3	20.1	20.1	20.1	23.2	23.1	23.1	24.2	24.2	24.2	23.3	23.2	23.2	23.2	23.2	23.2									
	Hi PR	282	283	285	326	327	329	373	374	376	373	374	376	423	424	426	458	459	461	501	502	504	282	283	285	326	327	329	373	374	376	423	424	426	458	459	461	501	502	504	501	502	504				
	Lo PR	112	114	117	119	121	123	125	127	129	125	127	129	131	132	134	136	138	140	142	144	112	114	117	119	121	123	125	127	129	131	132	134	136	138	140	142	144	144	144	144	144	144				
	MBh	54.6	55.4	57.0	54.1	54.9	56.5	52.7	53.5	55.1	53.8	54.6	56.2	51.4	52.1	53.7	43.6	44.3	45.8	37.4	38.0	39.3	54.6	55.4	57.0	54.1	54.9	56.5	52.7	53.5	55.1	43.6	44.3	45.8	37.4	38.0	39.3	37.4	38.0	39.3	37.4	38.0	39.3				
	S/T	0.62	0.55	0.42	0.63	0.56	0.43	0.65	0.58	0.45	0.69	0.62	0.49	0.71	0.63	0.51	0.75	0.67	0.54	0.82	0.74	0.61	0.62	0.55	0.42	0.63	0.56	0.43	0.65	0.58	0.45	0.71	0.63	0.51	0.75	0.67	0.54	0.82	0.74	0.61	0.82	0.74	0.61				
	ΔT	18	16	13	17	16	13	18	16	13	17	15	12	16	15	11	18	16	13	17	16	12	18	16	13	17	16	13	18	16	13	17	15	12	16	15	11	18	16	13	17	16	12				
kW	4.60	4.59	4.58	5.22	5.22	5.21	5.92	5.91	5.90	5.92	5.91	5.90	6.67	6.67	6.66	6.15	6.14	6.13	5.92	5.92	5.91	4.60	4.59	4.58	5.22	5.22	5.21	5.92	5.91	5.90	6.15	6.14	6.13	5.92	5.92	5.91	5.92	5.92	5.91	5.92	5.92	5.91					
Amps	17.7	17.7	17.7	20.4	20.4	20.4	23.5	23.5	23.4	23.5	23.5	23.4	26.8	26.7	26.7	24.5	24.5	24.4	23.5	23.5	23.4	17.7	17.7	17.7	20.4	20.4	20.4	23.5	23.5	23.4	24.5	24.5	24.4	23.5	23.5	23.4	23.5	23.5	23.4	23.5	23.5	23.4					
Hi PR	287	289	291	332	333	335	379	380	382	379	380	382	429	430	432	464	465	467	507	508	510	287	289	291	332	333	335	379	380	382	429	430	432	464	465	467	507	508	510	507	508	510	507	508	510		
Lo PR	117	118	121	123	125	128	129	131	134	129	131	134	135	136	139	136	138	141	142	144	147	117	118	121	123	125	128	129	131	134	135	136	139	136	138	141	142	144	147	144	144	147	144	147	144	147	
<b>1890</b>	MBh	53.8	54.6	56.2	58.6	53.3	54.1	55.7	58.2	53.8	54.6	56.2	51.4	52.1	53.7	43.6	44.3	45.8	37.4	38.0	39.3	53.8	54.6	56.2	58.6	53.3	54.1	55.7	58.2	53.8	54.6	56.2	51.4	52.1	53.7	43.6	44.3	45.8	37.4	38.0	39.3	37.4	38.0	39.3			
	S/T	0.67	0.60	0.47	0.34	0.68	0.61	0.48	0.35	0.42	0.77	0.70	0.57	0.44	0.79	0.72	0.65	1.00	0.76	0.63	0.50	0.67	0.60	0.47	0.34	0.68	0.61	0.48	0.35	0.42	0.77	0.72	0.65	1.00	0.76	0.63	0.50	1.00	0.83	0.70	0.56	0.48					
	ΔT	23	21	18	14	23	21	18	14	13	21	20	17	13	21	21	18	24	22	18	13	15	23	21	18	14	23	21	18	14	13	21	20	17	13	21	21	18	24	22	18	13	15	15			
	kW	4.52	4.51	4.50	4.55	5.14	5.14	5.13	5.18	5.18	5.88	5.88	5.87	5.91	6.64	6.63	6.62	6.12	6.11	6.11	5.79	5.89	5.89	4.52	4.51	4.50	4.55	5.14	5.14	5.13	5.18	5.18	6.64	6.63	6.62	6.12	6.11	6.11	5.79	5.89	5.89	5.88	5.88	5.88	5.88	5.88	
	Amps	17.4	17.4	17.3	17.5	20.1	20.1	20.0	20.2	20.4	23.3	23.3	23.2	23.5	26.6	26.5	26.7	24.3	24.3	24.3	22.9	23.4	23.4	17.4	17.4	17.3	17.5	20.1	20.0	20.2	20.4	20.6	26.6	26.5	26.7	24.3	24.3	24.3	22.9	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
	Hi PR	282	283	285	290	326	328	330	334	337	376	377	379	384	426	427	429	461	462	464	504	505	507	282	283	285	290	326	328	330	334	337	426	427	429	461	462	464	504	505	507	504	505	507	504	505	507
	Lo PR	112	114	117	121	119	121	123	128	130	125	127	129	131	132	134	136	138	141	142	144	147	112	114	117	121	119	121	123	128	130	125	127	129	131	132	134	136	138	141	142	144	147	144	147	144	147
	MBh	54.7	55.4	57.0	59.5	54.2	54.9	56.6	59.0	54.2	54.9	56.6	59.0	51.4	52.1	53.7	43.6	44.3	45.8	37.4	38.0	39.3	54.7	55.4	57.0	59.5	54.2	54.9	56.6	59.0	54.2	54.9	56.6	59.0	51.4	52.1	53.7	43.6	44.3	45.8	37.4	38.0	39.3	37.4	38.0	39.3	
	S/T	0.74	0.67	0.55	0.41	0.75	0.68	0.55	0.42	0.42	0.77	0.70	0.57	0.44	0.79	0.72	0.65	1.00	0.76	0.63	0.50	0.74	0.67	0.55	0.41	0.75	0.68	0.55	0.42	0.42	0.77	0.72	0.65	1.00	0.76	0.63	0.50	1.00	0.83	0.70	0.56	0.48					
	ΔT	21	20	16	13	21	20	16	13	13	21	20	17	13	21	21	18	24	22	18	13	15	21	20	16	13	21	20	16	13	13	21	20	17	13	21	21	18	24	22	18	13	15	15			
kW	4.56	4.55	4.54	4.59	5.18	5.18	5.17	5.22	5.22	5.88	5.88	5.87	5.91	6.64	6.63	6.62	6.12	6.11	6.11	5.79	5.89	5.89	4.56	4.55	4.54	4.59	5.18	5.18	5.17	5.22	5.22	6.64	6.63	6.62	6.12	6.11	6.11	5.79	5.89	5.89	5.88	5.88	5.88	5.88	5.88	5.88	
Amps	17.6	17.5	17.5	17.7	20.3	20.3	20.2	20.4	20.6	23.3	23.3	23.2	23.5	26.6	26.5	26.7	24.3	24.3	24.3	22.9	23.4	23.4	17.6	17.5	17.5	17.7	20.3	20.3	20.2	20.4	20.6	26.6	26.5	26.7	24.3	24.3	24.3	22.9	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	
Hi PR	285	286	288	293	329	331	333	337	340	376	377	379	384	426	427	429	461	462	464	504	505	507	285	286	288	293	329	331	333	337	340	426	427	429	461	462	464	504	505	507	504	505	507	504	505	507	
Lo PR	114	116	119	123	121	123	125	130	133	127	129	131	136	132	134	136	138	141	142	144	147	114	116	119	123	121	123	125	130	133	127	129	131	136	132	134	136	138	141	142	144	147	144	147	144	147	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

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

EXPANDED COOLING DATA — DX6VSS6010A\*/CAPE4961\*4A\* + DTA119A71 (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>1390</b>	MBh	54.1	54.9	56.5	58.9	53.6	54.4	56.0	58.4	52.2	53.0	54.6	57.0	49.8	50.5	52.2	54.6	42.2	42.9	44.3	45.0	36.1	36.7	38.0	37.9
	S/T	0.79	0.72	0.59	0.46	0.79	0.72	0.60	0.46	1.00	0.75	0.62	0.49	1.00	0.76	0.64	0.50	1.00	0.81	0.68	0.55	1.00	0.88	0.75	0.61
	ΔT	26	25	21	18	26	25	21	18	27	25	22	18	26	25	21	18	29	27	24	19	27	25	22	19
	kW	4.52	4.52	4.51	4.55	5.15	5.14	5.13	5.18	5.84	5.84	5.83	5.88	6.60	6.59	6.58	6.63	6.09	6.08	6.08	5.76	5.87	5.87	5.86	5.43
	Amps	17.4	17.4	17.3	17.5	20.1	20.1	20.1	20.3	23.2	23.1	23.1	23.3	26.4	26.4	26.4	26.6	24.2	24.2	24.2	22.8	23.3	23.2	23.2	21.4
	Hi PR	282	284	286	290	327	328	330	335	374	375	377	382	424	425	427	432	459	460	462	462	502	503	505	502
	Lo PR	113	114	117	122	120	121	124	129	126	127	130	135	131	132	135	140	133	134	137	142	139	140	143	148
	MBh	54.9	55.7	57.3	59.8	54.5	55.2	56.8	59.3	53.0	53.8	55.4	57.9	50.6	51.4	53.0	55.5	43.0	43.7	45.1	45.7	36.8	37.4	38.7	38.5
	S/T	0.86	0.79	0.66	0.53	0.87	0.80	0.67	0.53	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.88	0.75	0.62	1.00	0.96	0.82	0.68
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	28	26	22	17	26	24	21	18
kW	4.56	4.56	4.55	4.59	5.19	5.18	5.17	5.22	5.88	5.88	5.87	5.92	6.64	6.63	6.62	6.67	6.12	6.12	6.11	5.79	5.90	5.89	5.89	5.46	
Amps	17.6	17.6	17.5	17.7	20.3	20.3	20.2	20.4	23.3	23.3	23.3	23.5	26.6	26.6	26.6	26.7	24.4	24.3	24.3	22.9	23.4	23.4	23.3	21.5	
Hi PR	285	287	289	293	330	331	333	338	376	378	380	385	427	428	430	435	462	463	465	465	505	506	508	505	
Lo PR	115	116	119	124	122	123	126	131	128	129	132	137	133	134	137	142	135	136	139	144	141	142	145	150	
MBh	56.0	56.8	58.4	60.8	55.5	56.3	57.9	60.4	54.1	54.9	56.5	58.9	51.7	52.4	54.1	56.5	43.9	44.6	46.1	46.6	37.7	38.3	39.6	39.4	
S/T	0.90	0.83	0.70	0.56	1.00	0.83	0.70	0.57	1.00	0.85	0.73	0.59	1.00	0.87	0.75	0.61	1.00	0.92	0.79	0.66	1.00	0.99	0.86	0.72	
ΔT	24	22	19	16	24	22	19	16	24	23	19	16	24	22	19	16	27	25	21	16	25	23	20	17	
kW	4.60	4.59	4.58	4.63	5.22	5.22	5.20	5.25	5.92	5.91	5.90	5.95	6.67	6.67	6.66	6.70	6.15	6.14	6.13	5.82	5.92	5.91	5.91	5.48	
Amps	17.7	17.7	17.7	17.9	20.4	20.4	20.4	20.6	23.5	23.4	23.4	23.6	26.7	26.7	26.7	26.9	24.5	24.4	24.4	23.0	23.5	23.5	23.4	21.6	
Hi PR	288	289	291	296	333	334	336	341	379	381	383	387	430	431	433	438	464	466	468	468	507	508	510	507	
Lo PR	117	119	121	126	124	125	128	133	130	131	134	139	135	136	139	144	137	138	141	146	143	144	147	152	
<b>85</b>	MBh	55.0	55.8	57.4	59.8	54.5	55.3	56.9	59.4	53.1	53.9	55.5	57.9	50.7	51.4	53.1	55.5	43.0	43.7	45.2	45.8	36.8	37.5	38.8	38.6
	S/T	1.00	0.81	0.69	0.55	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.86	0.73	0.60	1.00	1.00	0.77	0.65	1.00	1.00	0.85	0.71
	ΔT	30	28	25	21	30	28	25	21	30	28	25	22	30	28	25	21	33	31	28	22	31	29	26	22
	kW	4.53	4.53	4.52	4.57	5.16	5.15	5.14	5.19	5.86	5.85	5.84	5.89	6.61	6.61	6.60	6.64	6.10	6.09	6.09	5.77	5.88	5.87	5.87	5.44
	Amps	17.5	17.4	17.4	17.6	20.2	20.1	20.1	20.3	23.2	23.2	23.1	23.3	26.5	26.5	26.4	26.6	24.3	24.2	24.2	22.8	23.3	23.3	23.2	21.4
	Hi PR	284	285	287	292	328	329	331	336	375	376	378	383	425	426	428	433	460	461	463	463	503	504	506	503
	Lo PR	115	116	119	124	121	123	126	130	127	129	132	136	132	134	137	142	134	136	139	143	140	142	145	149
	MBh	55.8	56.6	58.2	60.7	55.4	56.1	57.7	60.2	54.0	54.7	56.3	58.8	51.5	52.3	53.9	56.4	43.8	44.5	45.9	46.5	37.5	38.2	39.5	39.2
	S/T	1.00	0.88	0.76	0.62	1.00	0.89	0.76	0.63	1.00	0.91	0.79	0.65	1.00	1.00	0.80	0.67	1.00	1.00	0.85	0.72	1.00	1.00	0.92	0.78
	ΔT	28	27	24	20	28	27	23	20	29	27	24	20	28	27	23	20	32	30	26	21	29	28	24	21
kW	4.57	4.57	4.56	4.61	5.20	5.19	5.18	5.23	5.90	5.89	5.88	5.93	6.65	6.65	6.64	6.68	6.13	6.13	6.12	5.80	5.90	5.90	5.89	5.47	
Amps	17.6	17.6	17.6	17.8	20.3	20.3	20.3	20.5	23.4	23.4	23.3	23.5	26.7	26.6	26.6	26.8	24.4	24.4	24.3	23.0	23.4	23.4	23.4	21.5	
Hi PR	287	288	290	295	331	332	334	339	378	379	381	386	428	429	431	436	463	464	466	466	506	507	509	506	
Lo PR	117	118	121	126	123	125	128	132	129	131	134	138	134	136	139	144	136	138	141	145	142	144	147	151	
MBh	56.9	57.7	59.3	61.7	56.4	57.2	58.8	61.3	55.0	55.8	57.4	59.9	52.6	53.4	55.0	57.4	44.7	45.4	46.9	47.4	38.4	39.0	40.3	40.1	
S/T	1.00	0.92	0.79	0.66	1.00	0.93	0.80	0.67	1.00	0.95	0.82	0.69	1.00	1.00	0.84	0.71	1.00	1.00	0.89	0.76	1.00	1.00	0.96	0.82	
ΔT	27	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	30	29	25	20	28	26	23	20	
kW	4.61	4.60	4.59	4.64	5.23	5.23	5.22	5.26	5.93	5.92	5.91	5.96	6.68	6.68	6.67	6.72	6.16	6.15	6.14	5.83	5.93	5.92	5.92	5.49	
Amps	17.8	17.8	17.7	17.9	20.5	20.5	20.4	20.6	23.5	23.5	23.5	23.7	26.8	26.8	26.7	26.9	24.5	24.5	24.5	23.1	23.5	23.5	23.5	21.6	
Hi PR	289	291	293	298	334	335	337	342	381	382	384	389	431	432	434	439	466	467	469	469	508	510	511	508	
Lo PR	119	120	123	128	126	127	130	135	132	133	136	141	137	138	141	146	139	140	143	147	145	146	149	154	

IDB = Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp. + fan)



DX6VSS1810A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
<b>95°</b>	<b>16,600</b>	<b>13,100</b>	<b>3,500</b>	<b>1,520</b>
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

DX6VSS1810A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
<b>95°</b>	<b>17,500</b>	<b>13,500</b>	<b>4,000</b>	<b>1,700</b>
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

DX6VSS2410A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
<b>95°</b>	<b>22,200</b>	<b>17,300</b>	<b>4,900</b>	<b>2,200</b>
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

DX6VSS2410A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
<b>95°</b>	<b>23,400</b>	<b>17,800</b>	<b>5,600</b>	<b>2,450</b>
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

DX6VSS3010A* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
<b>95°</b>	<b>27,800</b>	<b>21,400</b>	<b>6,400</b>	<b>2,810</b>
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

DX6VSS3010A* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
<b>95°</b>	<b>29,400</b>	<b>22,400</b>	<b>7,000</b>	<b>3,100</b>
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	26,700	21,500	5,200	3,700
115°	25,500	21,200	4,300	3,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX6VSS3610A* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	36,000	26,300	9,700	3,070
80°	35,600	26,500	9,100	3,260
85°	35,100	26,700	8,400	3,450
90°	34,400	26,500	7,900	3,655
<b>95°</b>	<b>33,600</b>	<b>26,200</b>	<b>7,400</b>	<b>3,860</b>
100°	32,700	25,800	6,900	4,090
105°	31,700	25,400	6,300	4,320
110°	28,900	24,200	4,700	4,565
115°	26,000	22,900	3,100	4,810
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	32,400	25,600	6,800	3,870

DX6VSS3610A* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	38,000	27,500	10,500	3,300
80°	37,500	27,700	9,800	3,500
85°	37,000	27,800	9,200	3,750
90°	36,200	27,600	8,600	4,000
<b>95°</b>	<b>35,400</b>	<b>27,300</b>	<b>8,100</b>	<b>4,200</b>
100°	34,400	26,900	7,500	4,500
105°	33,400	26,500	6,900	4,700
110°	29,700	24,700	5,000	4,800
115°	26,000	22,800	3,200	4,850
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,600	7,500	4,200

DX6VSS4210A* / DV48FECD14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	42,400	30,100	12,300	3,630
80°	41,900	30,100	11,800	3,875
85°	41,300	30,100	11,200	4,120
90°	40,400	29,900	10,500	4,385
<b>95°</b>	<b>39,500</b>	<b>29,600</b>	<b>9,900</b>	<b>4,650</b>
100°	38,400	29,200	9,200	4,945
105°	37,300	28,700	8,600	5,240
110°	34,400	27,100	7,300	5,255
115°	31,400	25,400	6,000	5,270
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	38,100	29,000	9,100	4,650

DX6VSS4210A* / DV48FECD14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	44,500	30,600	13,900	3,900
80°	44,000	30,800	13,200	4,200
85°	43,400	30,900	12,500	4,400
90°	42,500	30,600	11,900	4,700
<b>95°</b>	<b>41,500</b>	<b>30,300</b>	<b>11,200</b>	<b>4,950</b>
100°	39,400	29,200	10,200	5,300
105°	37,300	28,000	9,300	5,600
110°	34,400	26,800	7,600	5,500
115°	31,400	25,500	5,900	5,300
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	40,000	29,600	10,400	4,950

DX6VSS4810A* / DV48FECD14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	48,300	33,300	15,000	4,380
80°	47,700	33,400	14,300	4,680
85°	47,100	33,400	13,700	4,980
90°	46,100	33,200	12,900	5,300
<b>95°</b>	<b>45,000</b>	<b>32,900</b>	<b>12,100</b>	<b>5,620</b>
100°	42,800	31,700	11,100	5,985
105°	40,500	30,400	10,100	6,350
110°	36,600	28,300	8,300	5,855
115°	32,600	26,100	6,500	5,360
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	43,400	32,100	11,300	5,630

DX6VSS4810A* / DV48FECD14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	50,900	33,600	17,300	4,750
80°	50,300	33,800	16,500	5,100
85°	49,700	33,900	15,800	5,400
90°	48,100	33,300	14,800	5,800
<b>95°</b>	<b>46,500</b>	<b>32,600</b>	<b>13,900</b>	<b>6,100</b>
100°	43,500	31,500	12,000	6,200
105°	40,500	30,400	10,100	6,350
110°	36,600	28,300	8,300	5,900
115°	32,600	26,100	6,500	5,400
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	44,900	31,900	13,000	6,100

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX6VSS6010A* / DV60FEC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	56,800	38,100	18,700	5,170
80°	56,100	38,200	17,900	5,520
85°	55,400	38,200	17,200	5,870
90°	54,200	37,900	16,300	6,245
<b>95°</b>	<b>53,000</b>	<b>37,600</b>	<b>15,400</b>	<b>6,620</b>
100°	49,100	35,700	13,400	6,325
105°	45,100	33,800	11,300	6,030
110°	40,000	30,900	9,100	5,900
115°	34,900	27,900	7,000	5,770
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	51,100	36,800	14,300	6,630

DX6VSS6010A* / DV60FEC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	59,500	39,200	20,300	5,800
80°	58,800	39,400	19,400	6,200
85°	58,000	39,600	18,400	6,600
90°	56,800	39,300	17,500	7,000
<b>95°</b>	<b>55,500</b>	<b>38,900</b>	<b>16,600</b>	<b>7,450</b>
100°	50,300	36,400	13,900	6,800
105°	45,100	33,900	11,200	6,050
110°	40,000	30,900	9,100	5,900
115°	34,900	27,900	7,000	5,800
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	53,500	38,000	15,500	7,450

DX6VSA181WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
<b>95°</b>	<b>16,600</b>	<b>13,100</b>	<b>3,500</b>	<b>1,520</b>
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

DX6VSA181WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
<b>95°</b>	<b>17,500</b>	<b>13,500</b>	<b>4,000</b>	<b>1,700</b>
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

DX6VSA241WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
<b>95°</b>	<b>22,200</b>	<b>17,300</b>	<b>4,900</b>	<b>2,200</b>
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

DX6VSA241WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
<b>95°</b>	<b>23,400</b>	<b>17,800</b>	<b>5,600</b>	<b>2,450</b>
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX6VSA301WA* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
<b>95°</b>	<b>27,800</b>	<b>21,400</b>	<b>6,400</b>	<b>2,810</b>
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

DX6VSA301WA* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
<b>95°</b>	<b>29,400</b>	<b>22,400</b>	<b>7,000</b>	<b>3,100</b>
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	26,700	21,500	5,200	3,700
115°	25,500	21,200	4,300	3,900
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

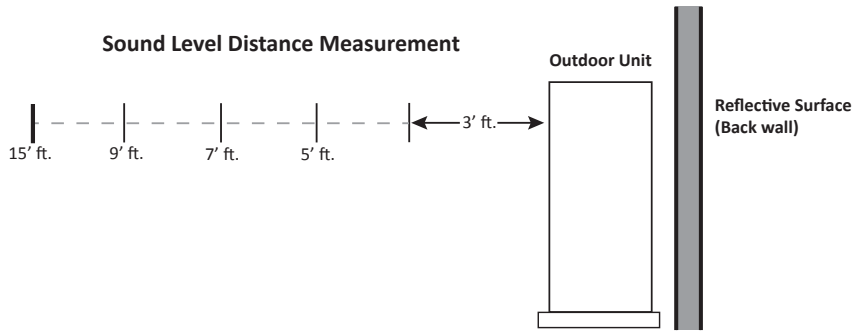
DX6VSA361WA* / CAPEA3026*4A* + MBVC1600**.1A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	34,700	24,600	10,100	2,610
80°	34,300	24,700	9,600	2,780
85°	33,900	24,700	9,200	2,950
90°	33,200	24,500	8,700	3,130
<b>95°</b>	<b>32,400</b>	<b>24,300</b>	<b>8,100</b>	<b>3,310</b>
100°	31,500	24,000	7,500	3,510
105°	30,600	23,600	7,000	3,710
110°	28,000	22,200	5,800	3,945
115°	25,400	20,800	4,600	4,180
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	31,200	23,700	7,500	3,310

DX6VSA361WA* / CAPEA3026*4A* + MBVC1600**.1A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	38,000	26,800	11,200	3,050
80°	37,500	27,000	10,500	3,300
85°	37,000	27,100	9,900	3,450
90°	36,200	26,900	9,300	3,700
<b>95°</b>	<b>35,400</b>	<b>26,600</b>	<b>8,800</b>	<b>3,900</b>
100°	34,400	26,200	8,200	4,100
105°	33,400	25,800	7,600	4,350
110°	29,400	23,400	6,000	4,300
115°	25,400	20,900	4,500	4,200
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,000	8,100	3,900

NORMAL MODE		SOUND POWER LEVEL <sup>1</sup>						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	66	52.1	60.1	61.5	59.7	55.2	48.6	47.7
2-ton	67	57.5	59.2	62.4	60.9	56.6	51.1	45.9
2.5-ton	68	56.0	60.2	63.0	62.8	58.0	54.4	46.3
3-ton	68	57.2	59.2	63.2	62.6	58.9	53.6	45.3
3.5-ton	72	58.4	62.7	65.2	68.0	63.7	60.7	48.2
4-ton	72	58.8	62.7	65.0	68.0	64.4	59.9	48.5
5-ton	74	60.0	66.2	67.0	69.8	66.1	60.0	53.5

<sup>1</sup>Compliant with ISO3744.

SOUND DATA - SOUND PRESSURE (CONT.)



		SOUND PRESSURE (dBA) COOLING MODE <sup>1</sup>				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
1.5-ton	0	59	54	51	49	45
	1	62	57	54	52	48
	2	65	60	57	55	51
2-ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
2.5-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3.5-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
4-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
5-ton	0	67	62	59	57	53
	1	70	65	62	60	56
	2	73	68	65	63	59

<sup>1</sup> Compliant with AHRI 275 utilizing standard mode, total sound levels

QUIET MODE			
TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA) <sup>1</sup>	SOUND PRESSURE LEVEL (dBA) <sup>2</sup>
1.5-ton	LV.1	63	46
	LV.2	60	43
	LV.3	57	40
2-ton	LV.1	64	47
	LV.2	61	44
	LV.3	58	41
2.5-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

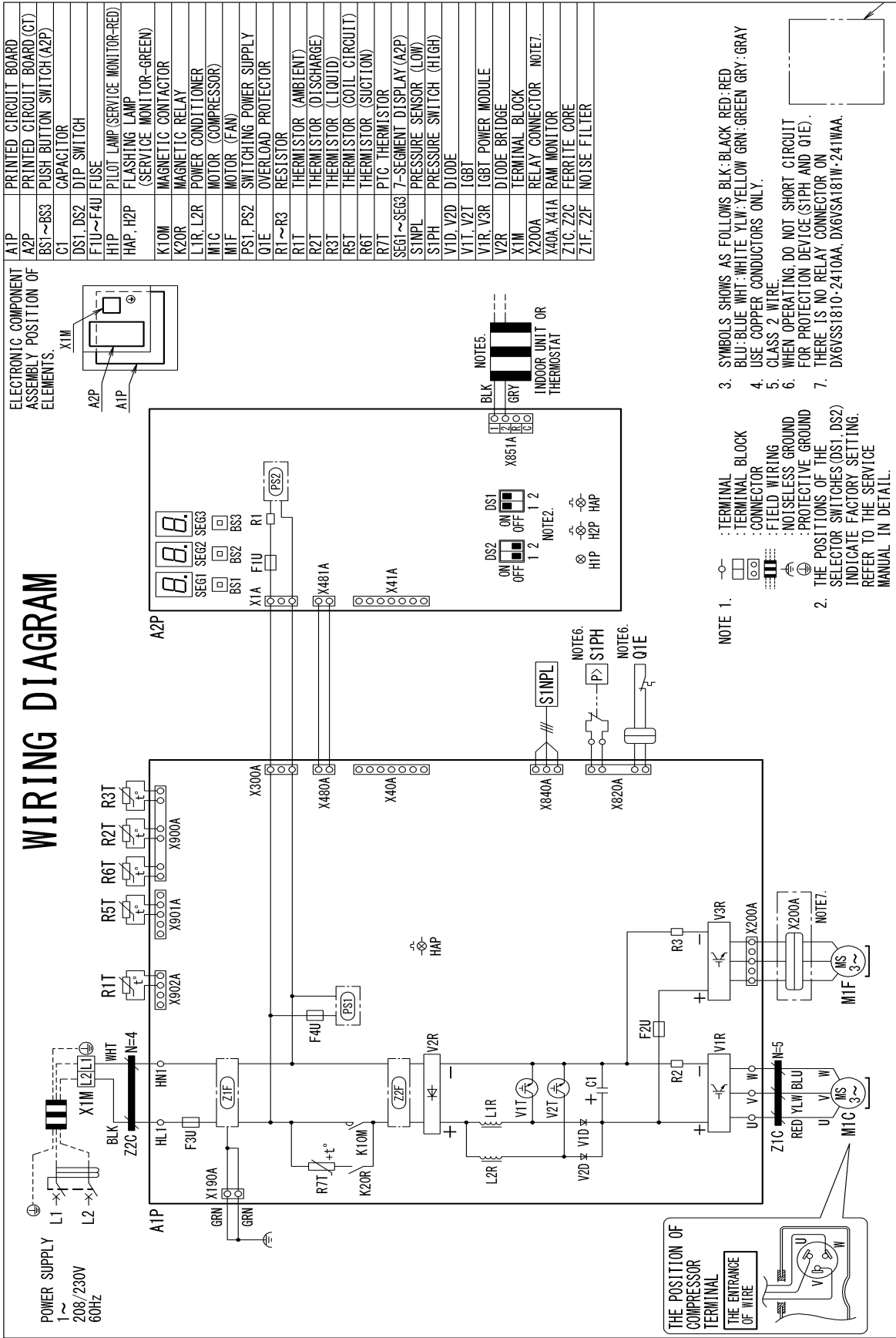
<sup>1</sup>Compliant with ISO3744.

<sup>2</sup>Compliant with JIS B 8616 : 2006.



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

# WIRING DIAGRAM



A1P	PRINTED CIRCUIT BOARD
A2P	PRINTED CIRCUIT BOARD (G1)
B51~B53	PUSH BUTTON SWITCH (A2P)
C1	CAPACITOR
DS1, DS2	DIP SWITCH
F1U~F4U	FUSE
H1P	PILOT LAMP (SERVICE MONITOR-RED)
HAP, H2P	FLASHING LAMP (SERVICE MONITOR-GREEN)
K10M	MAGNETIC CONTACTOR
K20R	MAGNETIC RELAY
L1R, L2R	POWER CONDITIONER
M1C	MOTOR (COMPRESSOR)
M1F	MOTOR (FAN)
PS1, PS2	SWITCHING POWER SUPPLY
Q1E	OVERLOAD PROTECTOR
R1~R3	RESISTOR
R1T	THERMISTOR (AMBIENT)
R2T	THERMISTOR (DISCHARGE)
R3T	THERMISTOR (LIQUID)
R5T	THERMISTOR (COIL CIRCUIT)
R6T	THERMISTOR (SUCTION)
R7T	PTC THERMISTOR
SEG1~SEG3	7-SEGMENT DISPLAY (A2P)
S1NPL	PRESSURE SENSOR (LOW)
S1PH	PRESSURE SWITCH (HIGH)
V1D, V2D	DIODE
V1T, V2T	IGBT
V1R, V3R	IGBT POWER MODULE
V2R	DIODE BRIDGE
X1M	TERMINAL BLOCK
X200A	RELAY CONNECTOR NOTE7.
X40A, X41A	RAM MONITOR
Z1C, Z2C	FERRITE CORE
Z1F, Z2F	NOISE FILTER

3. SYMBOLS SHOWS AS FOLLOWS BLK: BLACK RED: RED  
 BLU: BLUE WHT: WHITE YLW: YELLOW GRN: GREEN GRY: GRAY  
 USE COPPER CONDUCTORS ONLY.  
 4. CLASS 2 WIRE.  
 5. WHEN OPERATING, DO NOT SHORT CIRCUIT  
 FOR PROTECTION DEVICE (S1PH AND Q1E).  
 6. THERE IS NO RELAY CONNECTOR ON  
 DX6VSS1810-2410AA, DX6VSA181W-241MAA.

- NOTE 1.  
 ○ : TERMINAL  
 □ : CONNECTOR  
 □ : FIELD WIRING  
 □ : NOISELESS GROUND  
 □ : PROTECTIVE GROUND  
 2. THE POSITIONS OF THE  
 SELECTOR SWITCHES (DS1, DS2)  
 INDICATE FACTORY SETTING.  
 REFER TO THE SERVICE  
 MANUAL IN DETAIL.

- NOTE 2.  
 ○ : TERMINAL BLOCK  
 □ : CONNECTOR  
 □ : FIELD WIRING  
 □ : NOISELESS GROUND  
 □ : PROTECTIVE GROUND  
 2. THE POSITIONS OF THE  
 SELECTOR SWITCHES (DS1, DS2)  
 INDICATE FACTORY SETTING.  
 REFER TO THE SERVICE  
 MANUAL IN DETAIL.

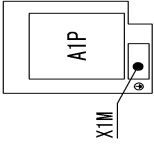


**WARNING**  
 High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

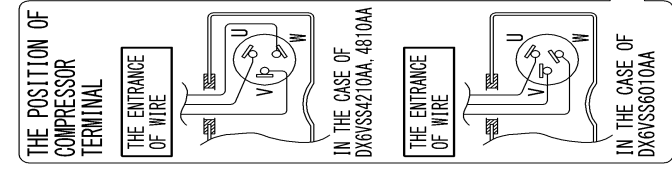
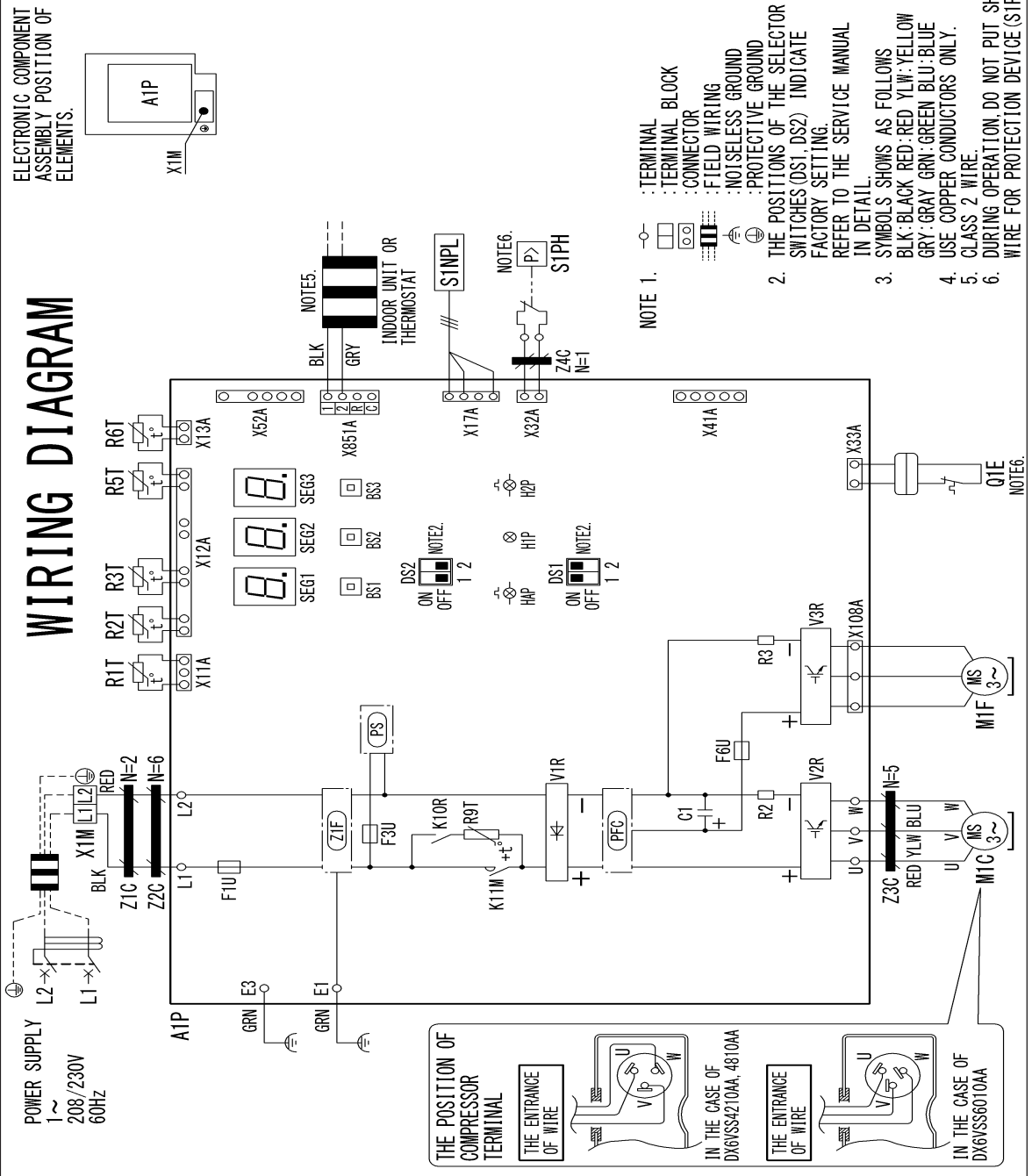
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

# WIRING DIAGRAM

ELECTRONIC COMPONENT ASSEMBLY POSITION OF ELEMENTS.



A1P	PRINTED CIRCUIT BOARD
BS1~BS3	PUSH BUTTON SWITCH
C1	CAPACITOR
DS1, DS2	DIP SWITCH
F1U	FUSE
F3U	FUSE
F6U	FUSE
H1P	PILOT LAMP (SERVICE MONITOR-RED)
HAP, H2P	FLASHING LAMP (SERVICE MONITOR-GREEN)
K11M	MAGNETIC CONTACTOR
K10R	MAGNETIC RELAY
M1C	MOTOR (COMPRESSOR)
M1F	MOTOR (FAN)
PFC	POWER FACTOR CORRECTION
PS	SWITCHING POWER SUPPLY
Q1E	OVERLOAD PROTECTOR
R2, R3	RESISTOR
R1T	THERMISTOR (AMBIENT)
R2T	THERMISTOR (DISCHARGE)
R3T	THERMISTOR (LIQUID)
R5T	THERMISTOR (COIL CIRCUIT)
R6T	THERMISTOR (SUCTION)
R9T	PTC THERMISTOR
SEG1~SEG3	7-SEGMENT DISPLAY
SINPL	PRESSURE SENSOR (LOW)
S1PH	PRESSURE SWITCH (HIGH)
V1R	DIODE BRIDGE
V2R, V3R	IGBT POWER MODULE
X1M	TERMINAL BLOCK
X41A	RAM MONITOR
X52A	CONNECTOR (SHARE DATA)
Z1C~Z4C	FERRITE CORE
Z1F	NOISE FILTER



- NOTE 1.
- : TERMINAL
  - : TERMINAL BLOCK
  - : CONNECTOR
  - : FIELD WIRING
  - : NOT SELESS GROUND
  - ⊕ : PROTECTIVE GROUND
- NOTE 2.
- THE POSITIONS OF THE SELECTOR SWITCHES (DS1, DS2) INDICATE FACTORY SETTING.
- NOTE 3.
- SYMBOLS SHOWS AS FOLLOWS  
 BLK: BLACK RED: RED YLW: YELLOW  
 GRY: GRAY GRN: GREEN BLU: BLUE  
 USE COPPER CONDUCTORS ONLY.
- NOTE 4.
- CLASS 2 WIRE.
- NOTE 5.
- CLASS 2 WIRE.
- NOTE 6.
- DURING OPERATION, DO NOT PUT SHORT CIRCUIT WIRE FOR PROTECTION DEVICE (S1PH AND Q1E).

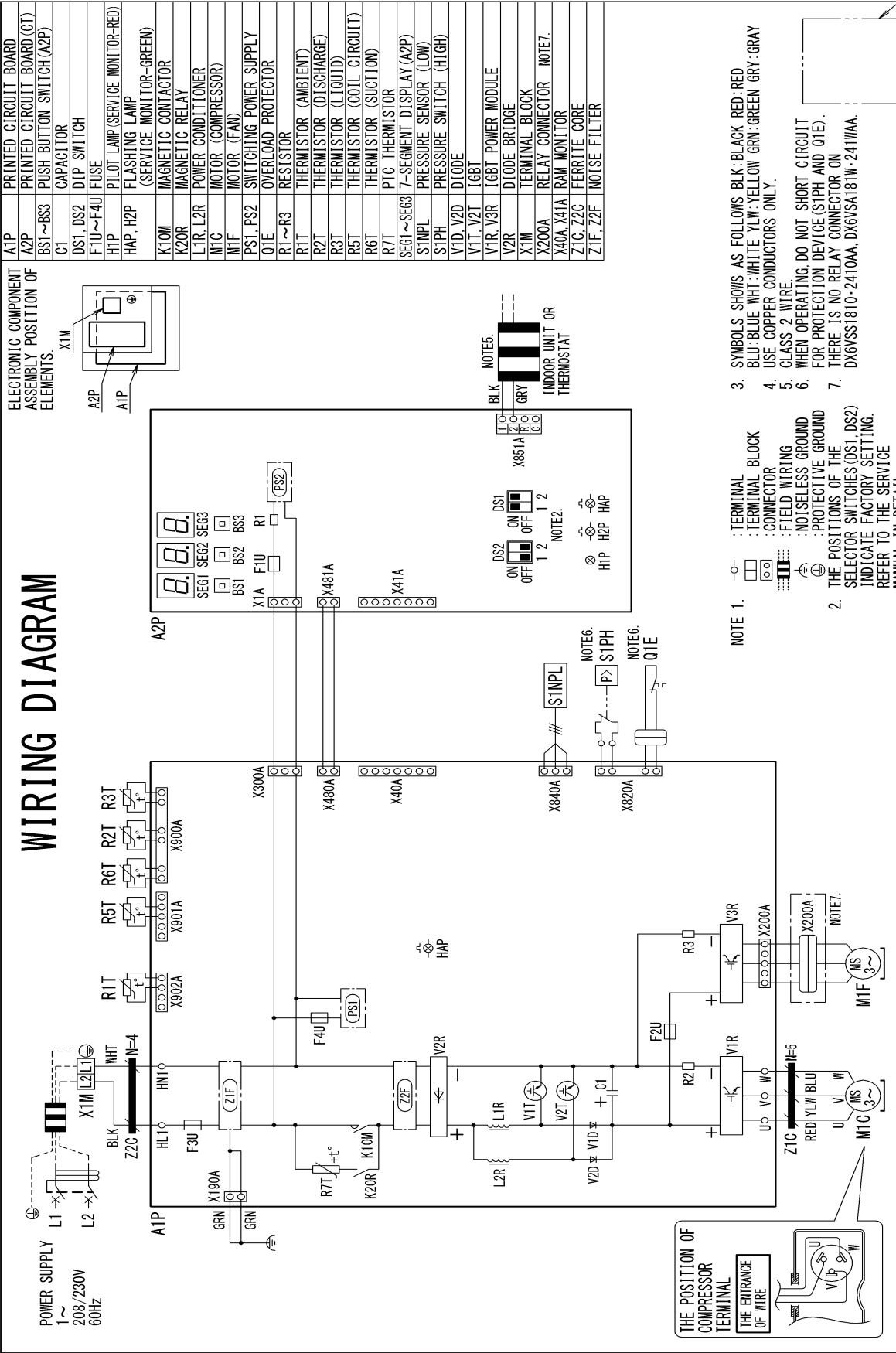
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



**WARNING**

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

# WIRING DIAGRAM



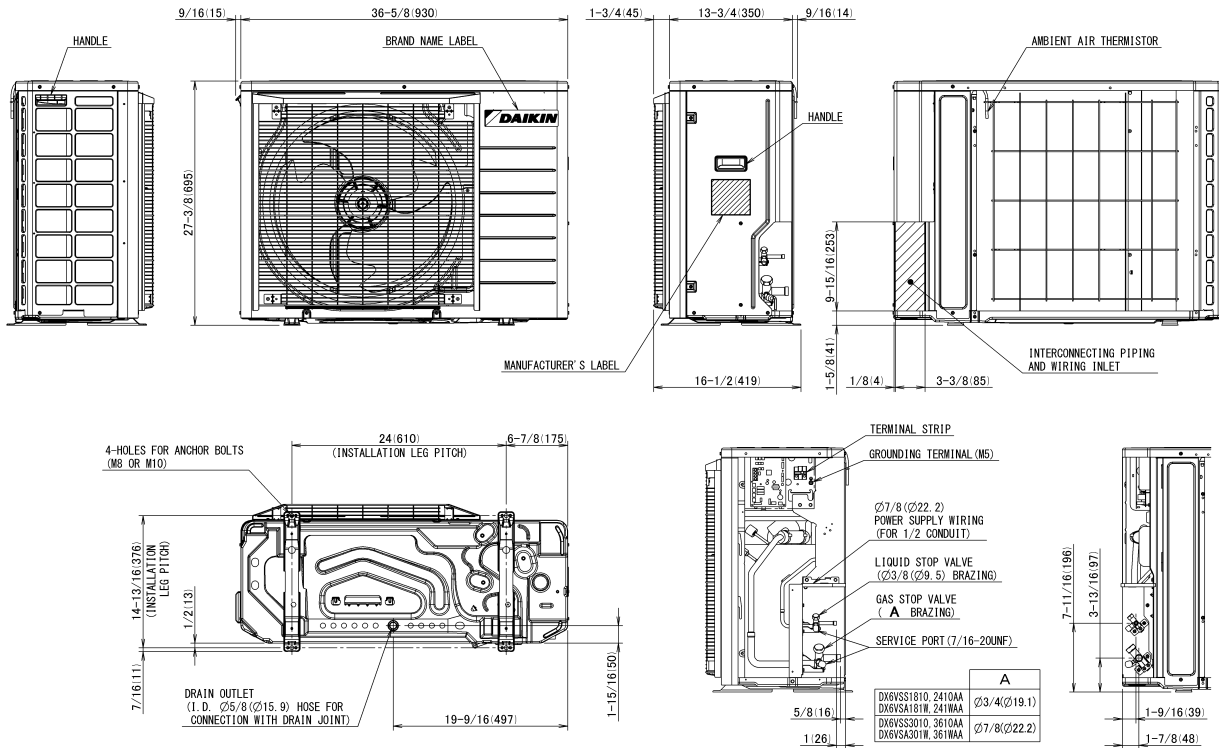
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**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.

**WARNING**

DIMENSIONS

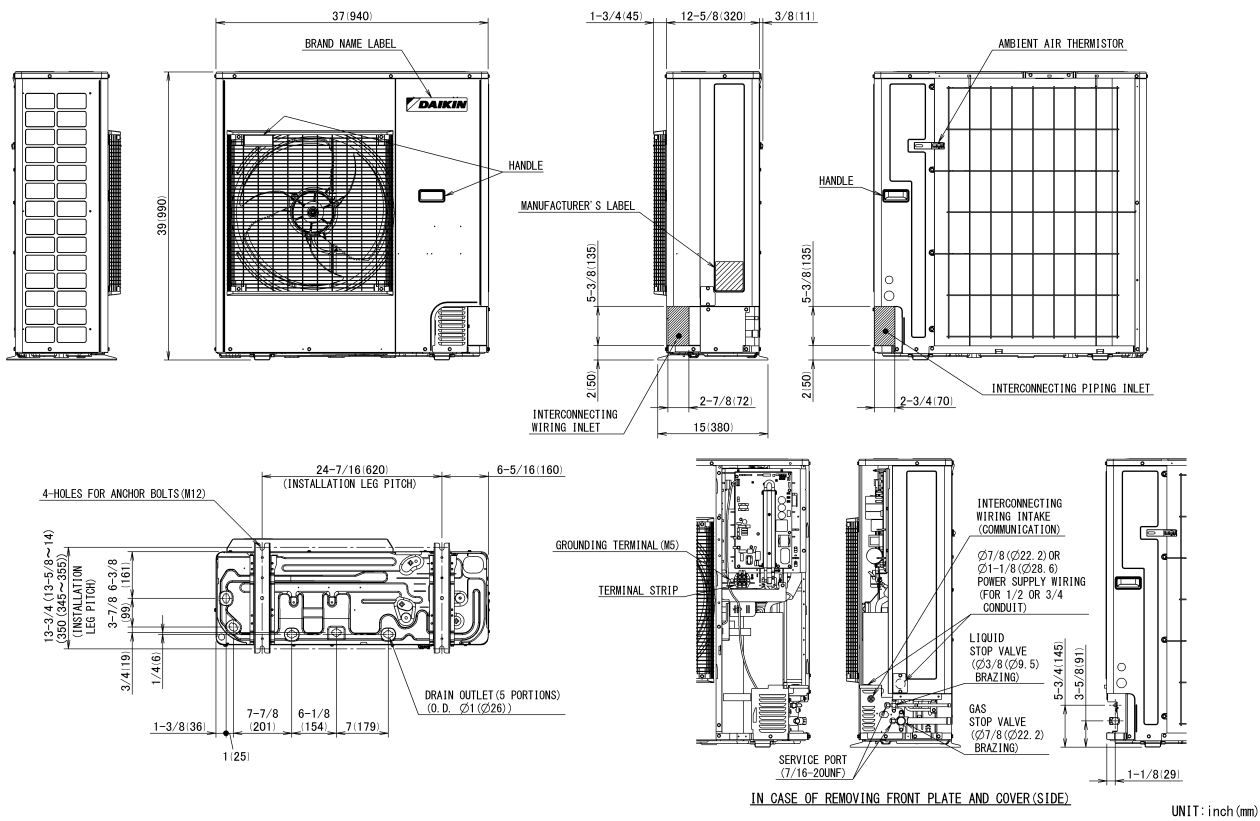
MODEL	DIMENSIONS		
	W"	D"	H"
DX6VSS1810A* / DX6VSA181WA*	36 $\frac{5}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "
DX6VSS2410A* / DX6VSA241WA*	36 $\frac{5}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "
DX6VSS3010A* / DX6VSA301WA*	36 $\frac{5}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "
DX6VSS3610A* / DX6VSA361WA*	36 $\frac{5}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "



IN CASE OF REMOVING RIGHT SIDE PLATE

UNIT: inch (mm)

MODEL	DIMENSIONS		
	W"	D"	H"
DX6VSS4210A*	37	12 $\frac{1}{2}$	39
DX6VSS4810A*	37	12 $\frac{1}{2}$	39
DX6VSS6010A*	37	12 $\frac{1}{2}$	39



ACCESSORIES

MODEL	DESCRIPTION	DX6VSS 1810A*	DX6VSS 2410A*	DX6VSS 3010A*	DX6VSS 3610A*	DX6VSS 4210A*	DX6VSS 4810A*	DX6VSS 6010A*	DX6VSA 181WA*	DX6VSA 241WA*	DX6VSA 301WA*	DX6VSA 361WA*
KPW5G112	Air Adjustment Grill/Wind Baffle	X	X	X	X	X	X	X	X	X	X	X
130-DK-006	Hail Guard	X	X	X					X	X	X	X
130-DK-008	Hail Guard					X	X	X				
DACA-WB-3	Powder Coated Wall- Mounted Bracket	X	X	X	X	X	X	X	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X	X	X	X	X	X	X	X
DQ-P-16-100	Daikin One Powered Ventilator	X	X	X	X	X	X	X	X	X	X	X
DTA119A71	D24V Gateway	X	X	X	X	X	X	X				





