



DZ11S COMMERCIAL

7.5- & 10-Ton, Three-Phase
Split System Heat Pump
11 EER / 3.3 COP / R-410A

Plus

7.5- & 10-Ton, Three-Phase
Split System Heat Pump with
One Two-Speed Indoor Air Handler and
Two 4-Ton or Two 5-Ton Condensers



■ Contents

Nomenclature.....	2
Product Specifications.....	3
Expanded Cooling Data	4
Expanded Heating Data	16
AHRI Ratings	18
Dimensions	19
Wiring Diagram.....	20
Accessories	22

■ Standard Features

- Energy-efficient compressor for the 7½- & 10-ton three-phase split system heat pump with internal pressure relief valve
- High-capacity, steel-cased, bi-flow heat pump filter drier
- Liquid refrigerant return protection
- Check flowrate heating mode expansion device
- Reliable, time-initiated, temperature-terminated defrost control
- Low-pressure switch
- Discharge line muffler
- Brass liquid and suction line service valves mounted at a 90° angle with sweat connections and service ports
- High-efficiency copper tube / aluminum fin coil
- Complies with ASHRAE 90.1-2007
- AHRI Certified; ETL Listed

■ Cabinet Features

- Innovative sound control top design for the 7½- & 10-ton three-phase split system heat pump
- Steel louver coil guard protects coil from damage and adds strength to the unit
- Heavy-gauge, galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- When properly anchored, meets the 2010 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.

NOMENCLATURE

	D	Z	11	S	A	090	3	A	A	
	1	2	3,4	5	6	7,8,9	10	11	12	
Brand										Engineering
D - Daikin										Minor revision
Type										Engineering
X - AC R-410A										Major revision
Z - HP R-410A										
EER										Voltage
11 - 11.2 EER										3 - 208/230 V Three-Phase 60 Hz 4 - 460 V Three-Phase 60 Hz
Compressor										Tonnage Nominal
S - Single Stage										090 - 7½ tons
T - Two Stage										120 - 10 tons
Feature Set										
A - Base										

SPECIFICATIONS — DZ11SA

	DZ11SA 0903A*	DZ11SA 0904A*	DZ11SA 1203A*	DZ11SA 1204A*
COOLING CAPACITIES				
Nominal Cooling (BTU/h) ¹	87,000	87,000	110,000	110,000
Nominal Heating (BTU/h) ¹	82,000	82,000	100,000	100,000
EER	11	11	11	11
Decibels	84	84	84	84
COMPRESSOR				
RLA	25.0	12.2	30.1	16.7
LRA	164	100	225	114
CONDENSER FAN MOTOR				
Horsepower	1	1	1	1
FLA	5.6	3.5	5.6	3.5
REFRIGERATION SYSTEM				
Liquid Connection Valve Size ("O.D.)	⅝"	⅝"	⅝"	⅝"
Suction Connection Valve Size ("O.D.)	1⅝"	1⅝"	1⅝"	1⅝"
Valve Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	35	35	35	35
ELECTRICAL DATA				
AC Volts	208/230	460	208/230	460
Hz / Phase	60 Hz/3	60 Hz/3	60 Hz/3	60 Hz/3
Minimum Circuit Ampacity ²	36.9	18.8	43.2	24.4
Max. Overcurrent Protection ³	60	30	70	40
Min / Max Volts	197/253	414/506	197/253	414/506
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
SHIP WEIGHT (LBS)	334	334	383	383

¹ Tested and rated in accordance with ARI Standard 208/230

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

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

NOTES

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply ⅝" to 1⅝" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ⅝" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

TWO-SPEED AIR HANDLER NOTES

- For 7½-ton two-speed air handler: unit is circuited with two 4-ton heat pump systems.
- For 10-ton two-speed air handler: unit is circuited with two 5-ton heat pump systems.
- For technical details regarding the DZ13SA and DAT series product specifications, go to: <http://daikincomfort.com/commercial/split-systems>

EXPANDED COOLING DATA — DZ11SA0903A* / DAR0904A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	2800	MBh	76.4	79.2	86.8	-	74.6	77.3	84.7	-	72.8	75.5	82.7	-	71.1	73.7	80.7	-	67.5	70.0	76.7	-	62.5	64.8	71.0	-	62.5	64.8	71.0	-	62.5	64.8	71.0	-			
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.45	-	0.79	0.66	0.45	-	0.79	0.66	0.45	-			
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	16	14	11	-			
		kW	6.14	6.26	6.44	-	6.57	6.70	6.90	-	6.95	7.09	7.31	-	7.29	7.44	7.66	-	7.57	7.73	7.97	-	7.82	7.98	8.23	-	7.82	7.98	8.23	-	7.82	7.98	8.23	-			
		Amps	27.8	28.2	28.7	-	29.1	29.5	30.0	-	30.5	31.0	31.6	-	31.8	32.2	32.9	-	33.0	33.5	34.2	-	34.2	34.8	35.5	-	34.2	34.8	35.5	-	34.2	34.8	35.5	-			
	HI PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	383	412	435	-	383	412	435	-	383	412	435	-				
	LO PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-	127	135	147	-	127	135	147	-				
	3192	MBh	82.8	85.8	94.0	-	80.8	83.8	91.8	-	78.9	81.8	89.6	-	77.0	79.8	87.4	-	73.1	75.8	83.1	-	67.8	70.2	76.9	-	67.8	70.2	76.9	-	67.8	70.2	76.9	-			
		S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-			
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	16	14	10	-	16	14	10	-			
kW		6.28	6.40	6.58	-	6.72	6.86	7.06	-	7.11	7.26	7.48	-	7.46	7.61	7.85	-	7.76	7.92	8.16	-	8.01	8.18	8.44	-	8.01	8.18	8.44	-	8.01	8.18	8.44	-				
Amps		28.3	28.6	29.2	-	29.5	30.0	30.5	-	31.0	31.5	32.1	-	32.3	32.8	33.5	-	33.6	34.1	34.9	-	34.9	35.4	36.2	-	34.9	35.4	36.2	-	34.9	35.4	36.2	-				
3600	HI PR	218	235	248	-	245	264	278	-	279	300	317	-	317	341	361	-	357	384	406	-	394	424	448	-	394	424	448	-	394	424	448	-				
	LO PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-	131	139	152	-	131	139	152	-				
	MBh	85.3	88.4	96.8	-	83.3	86.3	94.6	-	81.3	84.3	92.3	-	79.3	82.2	90.1	-	75.3	78.1	85.6	-	69.8	72.3	79.3	-	69.8	72.3	79.3	-	69.8	72.3	79.3	-				
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-				
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-	15	13	10	-	15	13	10	-				
75	2800	kW	6.32	6.45	6.63	-	6.77	6.91	7.11	-	7.17	7.31	7.54	-	7.52	7.67	7.91	-	7.82	7.98	8.23	-	8.07	8.24	8.50	-	8.07	8.24	8.50	-	8.07	8.24	8.50	-			
		Amps	28.4	28.8	29.3	-	29.7	30.1	30.7	-	31.2	31.7	32.3	-	32.5	33.0	33.7	-	33.8	34.3	35.1	-	35.1	35.6	36.4	-	35.1	35.6	36.4	-	35.1	35.6	36.4	-			
		HI PR	220	237	251	-	247	266	281	-	281	303	320	-	320	345	364	-	361	388	410	-	398	429	453	-	398	429	453	-	398	429	453	-			
		LO PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-	132	141	153	-	132	141	153	-			
		MBh	77.7	80.0	86.6	92.9	75.9	78.1	84.6	90.8	74.1	76.3	82.6	88.6	72.3	74.4	80.5	86.4	68.7	70.7	76.5	82.1	63.6	65.5	70.9	76.1	63.6	65.5	70.9	76.1	63.6	65.5	70.9	76.1			
	3192	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39			
		ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10	19	17	14	10	19	17	14	10			
		kW	6.18	6.30	6.49	6.68	6.62	6.75	6.95	7.16	7.00	7.15	7.36	7.59	7.34	7.50	7.73	7.97	7.63	7.79	8.03	8.29	7.88	8.05	8.30	8.56	7.88	8.05	8.30	8.56	7.88	8.05	8.30	8.56			
		Amps	28.0	28.3	28.9	29.5	29.2	29.6	30.2	30.9	30.7	31.1	31.8	32.5	31.9	32.4	33.1	33.9	33.2	33.7	34.4	35.3	34.5	35.0	35.8	36.7	34.5	35.0	35.8	36.7	34.5	35.0	35.8	36.7			
		HI PR	214	230	243	254	240	258	273	284	273	294	310	324	311	335	353	368	350	376	397	415	386	416	439	458	386	416	439	458	386	416	439	458			
3600	LO PR	103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159	128	136	149	159	128	136	149	159				
	MBh	84.2	86.7	93.8	100.7	82.2	84.6	91.6	98.3	80.3	82.6	89.4	96.0	78.3	80.6	87.3	93.7	74.4	76.6	82.9	89.0	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4				
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40				
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	18	17	14	10	18	17	14	10				
	kW	6.32	6.45	6.63	6.83	6.77	6.91	7.11	7.33	7.17	7.32	7.54	7.77	7.52	7.68	7.91	8.16	7.82	7.98	8.23	8.49	8.07	8.24	8.50	8.78	8.07	8.24	8.50	8.78	8.07	8.24	8.50	8.78				
3192	Amps	28.4	28.8	29.3	30.0	29.7	30.1	30.7	31.4	31.2	31.7	32.3	33.1	32.5	33.0	33.7	34.5	33.8	34.3	35.1	35.9	35.1	35.7	36.4	37.4	35.1	35.7	36.4	37.4	35.1	35.7	36.4	37.4				
	HI PR	221	237	251	261	247	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	398	429	453	472	398	429	453	472	398	429	453	472				
	LO PR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	153	163	132	141	153	163	132	141	153	163				
	MBh	86.7	89.3	96.6	103.7	84.7	87.2	94.4	101.3	82.7	85.1	92.1	98.9	80.6	83.0	89.9	96.5	76.6	78.9	85.4	91.6	71.0	73.1	79.1	84.9	71.0	73.1	79.1	84.9	71.0	73.1	79.1	84.9				
	S/T	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42				
3600	ΔT	19	17	14	10	19	17	14	10	19	17	14	10	19	18	14	10	19	17	14	10	18	16	13	9	18	16	13	9	18	16	13	9				
	kW	6.37	6.49	6.68	6.88	6.82	6.96	7.17	7.39	7.22	7.37	7.60	7.83	7.58	7.74	7.97	8.23	7.88	8.04	8.30	8.56	8.14	8.31	8.57	8.85	8.14	8.31	8.57	8.85.								

EXPANDED COOLING DATA — DZ11SA0903A* / DAR0904A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																										
		65°F						75°F						85°F						95°F						105°F						115°F												
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																										
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71							
80	2800	MBh	79.1	80.8	86.3	92.3	77.2	78.9	84.3	90.1	75.4	77.0	82.3	88.0	73.6	75.2	80.3	85.8	69.9	71.4	76.3	81.5	64.7	66.1	70.7	75.5	69.9	71.4	76.3	81.5	64.7	66.1	70.7	75.5	69.9	71.4	76.3	81.5						
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.68	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.97	0.91	0.74	0.55						
		ΔT	22	21	18	15	22	21	19	15	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14	22	21	19	15	21	20	17	14	21	20	17	14						
		kW	6.23	6.35	6.53	6.73	6.67	6.80	7.00	7.22	7.06	7.20	7.42	7.65	7.40	7.55	7.79	8.03	7.69	7.85	8.10	8.35	7.95	8.11	8.37	8.63	7.69	7.85	8.10	8.35	7.95	8.11	8.37	8.63	7.69	7.85	8.10	8.35						
	Amps	28.1	28.5	29.0	29.6	29.4	29.8	30.4	31.0	30.9	31.3	31.9	32.7	32.1	32.6	33.3	34.1	33.4	33.9	34.6	35.5	34.7	35.2	36.0	36.9	33.4	33.9	34.6	35.5	34.7	35.2	36.0	36.9	33.4	33.9	34.6	35.5							
	HI PR	216	233	246	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	444	463	353	380	401	419	390	420	444	463	353	380	401	419							
	LO PR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	125	133	145	155	129	138	150	160	125	133	145	155							
	3192	MBh	85.7	87.5	93.5	100.0	83.7	85.5	91.4	97.7	81.7	83.5	89.2	95.3	79.7	81.4	87.0	93.0	75.7	77.4	82.7	88.4	70.1	71.7	76.6	81.8	75.7	77.4	82.7	88.4	70.1	71.7	76.6	81.8	75.7	77.4	82.7	88.4						
S/T		0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.78	0.58	1.00	0.94	0.77	0.57	1.00	0.95	0.78	0.58	1.00	0.95	0.78	0.58							
ΔT		22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	20	19	16	13	22	21	18	15	20	19	16	13	21	20	17	14							
kW		6.37	6.49	6.68	6.88	6.82	6.96	7.17	7.39	7.22	7.37	7.60	7.83	7.58	7.74	7.98	8.23	7.88	8.04	8.30	8.56	8.14	8.31	8.57	8.85	7.88	8.04	8.30	8.56	8.14	8.31	8.57	8.85	7.88	8.04	8.30	8.56							
3600	Amps	28.5	28.9	29.5	30.1	29.9	30.3	30.9	31.6	31.4	31.8	32.5	33.3	32.7	33.2	33.9	34.7	34.0	34.5	35.3	36.2	35.3	35.9	36.7	37.6	34.0	34.5	35.3	36.2	35.3	35.9	36.7	37.6	34.0	34.5	35.3	36.2							
	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477	364	392	414	432	402	433	457	477	364	392	414	432							
	LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	129	137	150	160	133	142	155	165	129	137	150	160							
	MBh	88.2	90.2	96.3	103.0	86.2	88.1	94.1	100.6	84.1	86.0	91.9	98.2	82.1	83.9	89.6	95.8	78.0	79.7	85.1	91.0	72.2	73.8	78.9	84.3	78.0	79.7	85.1	91.0	72.2	73.8	78.9	84.3	78.0	79.7	85.1	91.0							
85	2800	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.61						
		ΔT	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	20	20	18	14	18	18	16	13	20	20	18	14	18	18	16	13	20	20	18	14						
		kW	6.42	6.54	6.73	6.94	6.88	7.01	7.22	7.45	7.28	7.43	7.66	7.90	7.64	7.80	8.04	8.29	7.94	8.11	8.36	8.63	8.20	8.38	8.64	8.92	7.94	8.11	8.36	8.63	8.20	8.38	8.64	8.92	7.94	8.11	8.36	8.63						
		Amps	28.7	29.1	29.6	30.3	30.0	30.4	31.0	31.7	31.6	32.0	32.7	33.4	32.9	33.4	34.1	34.9	34.2	34.7	35.5	36.4	35.5	36.1	36.9	37.8	34.2	34.7	35.5	36.4	35.5	36.1	36.9	37.8	34.2	34.7	35.5	36.4						
	3192	HI PR	218	235	248	259	245	264	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467	357	384	405	423	394	424	448	467	357	384	405	423						
		LO PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	126	134	147	156	131	139	152	162	126	134	147	156						
		MBh	87.2	88.9	93.1	99.3	85.1	86.8	90.9	97.0	83.1	84.7	88.7	94.7	81.1	82.7	86.6	92.4	77.0	78.5	82.2	87.7	71.4	72.7	76.2	81.3	77.0	78.5	82.2	87.7	71.4	72.7	76.2	81.3	77.0	78.5	82.2	87.7						
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75						
	3600	ΔT	23	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	23	22	19	22	21	18	19	22	23	22	19	21	21	20	18	21	21	20	18						
		kW	6.42	6.54	6.73	6.94	6.88	7.01	7.22	7.45	7.28	7.43	7.66	7.90	7.64	7.80	8.04	8.29	7.94	8.11	8.36	8.63	8.20	8.38	8.64	8.92	7.94	8.11	8.36	8.63	8.20	8.38	8.64	8.92	7.94	8.11	8.36	8.63						
		Amps	28.7	29.1	29.6	30.3	30.0	30.4	31.0	31.7	31.6	32.0	32.7	33.4	32.9	33.4	34.1	34.9	34.2	34.7	35.5	36.4	35.5	36.1	36.9	37.8	34.2	34.7	35.5	36.4	35.5	36.1	36.9	37.8	34.2	34.7	35.5	36.4						
		HI PR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	406	437	462	482	368	396	418	436	406	437	462	482	368	396	418	436						
	LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	130	139	151	161	135	143	157	167	130	139	151	161							
	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.		85	2800	MBh	80.5	82.0	85.9	91.6	78.6	80.1	83.9	89.5	76.7	78.2	81.9	87.4	74.8	76.3	79.9	85.2	71.1	72.5	75.9	81.0	65.9	67.1	70.3	75.0	65.9	67.1	70.3	75.0	kW=Total system power Amps = outdoor unit amps (comp.+fan)										
S/T					0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.73	1.00							0.99	0.89	0.73		
ΔT					24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	23	22	19	22	23	22	19	22	23	22	19	22							21	20	18	21	18
kW					6.27	6.40	6.58	6.78	6.72	6.85	7.06	7.27	7.11	7.26	7.48	7.71	7.46	7.61	7.85	8.09	7.75	7.92	8.16	8.42	8.01	8.18	8.43	8.70	7.75	7.92	8.16	8.42	8.01							8.18	8.43	8.70	7.75	7.92
3192	Amps	28.2	28.6	29.2	29.8	29.5	29.9	30.5	31.2	31.0	31.5	32.1	32.9	32.3	32.8	33.5	34.3	33.6	34.1	34.9	35.7	34.9	35.4	36.2	37.1	33.6	34.1	34.9	35.7	34.9	35.4	36.2	37.1	33.6	34.1	34.9	35.7							
	HI PR	218	235	248	259	245	264	278	290	278	300	316	330	317	341	360	376	357	384	405	423																							

EXPANDED COOLING DATA — DZ11SA0904A* / DAR0904A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	76.4	79.2	86.8	-	74.6	77.3	84.7	-	72.8	75.5	82.7	-	71.1	73.7	80.7	-	67.5	70.0	76.7	-	67.5	70.0	76.7	-	62.5	64.8	71.0	-	62.5	64.8	71.0	-				
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.79	0.66	0.45	-	0.79	0.66	0.45	-				
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	17	15	11	-	16	14	11	-	16	14	11	-				
	kW	6.14	6.26	6.44	-	6.57	6.70	6.90	-	6.95	7.09	7.31	-	7.29	7.44	7.66	-	7.57	7.73	7.97	-	7.57	7.73	7.97	-	7.82	7.98	8.23	-	7.82	7.98	8.23	-				
	Amps	55.7	56.0	56.6	-	56.9	57.3	57.9	-	58.4	58.8	59.4	-	59.6	60.1	60.8	-	60.9	61.4	62.1	-	60.9	61.4	62.1	-	62.1	62.6	63.4	-	62.1	62.6	63.4	-				
	Hi PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	346	373	393	-	383	412	435	-	383	412	435	-				
	Lo PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	123	130	142	-	127	135	147	-	127	135	147	-				
	MBh	82.8	85.8	94.0	-	80.8	83.8	91.8	-	78.9	81.8	89.6	-	77.0	79.8	87.4	-	73.1	75.8	83.1	-	73.1	75.8	83.1	-	67.8	70.2	76.9	-	67.8	70.2	76.9	-				
	S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-				
	ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	17	14	11	-	16	13	10	-	16	13	10	-				
	kW	6.28	6.40	6.58	-	6.72	6.86	7.06	-	7.11	7.26	7.48	-	7.46	7.61	7.85	-	7.76	7.92	8.16	-	7.76	7.92	8.16	-	8.01	8.18	8.44	-	8.01	8.18	8.44	-				
Amps	56.1	56.5	57.0	-	57.4	57.8	58.4	-	58.9	59.3	60.0	-	60.2	60.7	61.3	-	61.5	62.0	62.7	-	61.5	62.0	62.7	-	62.7	63.3	64.1	-	62.7	63.3	64.1	-					
Hi PR	218	235	248	-	245	264	278	-	279	300	317	-	317	341	361	-	357	384	406	-	357	384	406	-	394	424	448	-	394	424	448	-					
Lo PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	126	135	147	-	131	139	152	-	131	139	152	-					
3600	MBh	83.6	86.6	94.9	-	81.7	84.6	92.7	-	79.7	82.6	90.5	-	77.8	80.6	88.3	-	73.9	76.6	83.9	-	73.9	76.6	83.9	-	68.4	70.9	77.7	-	68.4	70.9	77.7	-				
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-				
	ΔT	15	13	10	-	16	14	10	-	16	14	10	-	16	14	10	-	16	13	10	-	16	13	10	-	15	13	10	-	15	13	10	-				
	kW	6.29	6.41	6.60	-	6.74	6.87	7.08	-	7.13	7.28	7.50	-	7.48	7.63	7.87	-	7.77	7.94	8.18	-	7.77	7.94	8.18	-	8.03	8.20	8.46	-	8.03	8.20	8.46	-				
	Amps	56.1	56.5	57.1	-	57.4	57.9	58.4	-	58.9	59.4	60.0	-	60.2	60.7	61.4	-	61.5	62.0	62.8	-	61.5	62.0	62.8	-	62.8	63.3	64.1	-	62.8	63.3	64.1	-				
	Hi PR	219	236	249	-	246	264	279	-	279	301	318	-	318	342	362	-	358	385	407	-	358	385	407	-	396	426	449	-	396	426	449	-				
	Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	127	135	147	-	131	140	152	-	131	140	152	-				
	2800	MBh	77.7	80.0	86.6	92.9	75.9	78.1	84.6	90.8	74.1	76.3	82.6	88.6	72.3	74.4	80.5	86.4	68.7	70.7	76.5	82.1	63.6	65.5	70.9	76.1	63.6	65.5	70.9	76.1	63.6	65.5	70.9	76.1			
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39			
		ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	20	19	15	10	19	17	14	10	19	17	14	10			
		kW	6.18	6.30	6.49	6.68	6.62	6.75	6.95	7.16	7.00	7.15	7.36	7.59	7.34	7.50	7.73	7.97	7.63	7.79	8.03	8.29	7.88	8.05	8.30	8.56	7.88	8.05	8.30	8.56	7.88	8.05	8.30	8.56			
Amps		55.8	56.2	56.7	57.3	57.1	57.5	58.1	58.7	58.5	59.0	59.6	60.3	59.8	60.3	60.9	61.7	61.1	61.6	62.3	63.1	62.3	62.8	63.6	64.5	62.3	62.8	63.6	64.5	62.3	62.8	63.6	64.5				
Hi PR		214	230	243	254	240	258	273	284	273	294	310	324	311	335	353	368	350	376	397	415	386	416	439	458	386	416	439	458	386	416	439	458				
Lo PR		103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159	128	136	149	159	128	136	149	159				
MBh		84.2	86.7	93.8	100.7	82.2	84.6	91.6	98.3	80.3	82.6	89.4	96.0	78.3	80.6	87.3	93.7	74.4	76.6	82.9	89.0	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4				
S/T		0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40				
ΔT		19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	17	14	9	18	17	14	9	18	17	14	9				
kW		6.32	6.45	6.63	6.83	6.77	6.91	7.11	7.33	7.17	7.32	7.54	7.77	7.52	7.68	7.91	8.16	7.82	7.98	8.23	8.49	8.07	8.24	8.50	8.78	8.07	8.24	8.50	8.78	8.07	8.24	8.50	8.78				
Amps	56.2	56.6	57.2	57.8	57.5	58.0	58.6	59.2	59.1	59.5	60.2	60.9	60.4	60.8	61.5	62.4	61.7	62.2	62.9	63.8	62.9	63.5	64.3	65.2	62.9	63.5	64.3	65.2	62.9	63.5	64.3	65.2					
Hi PR	221	237	251	261	247	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	398	429	453	472	398	429	453	472	398	429	453	472					
Lo PR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	153	163	132	141	153	163	132	141	153	163					
75	MBh	85.0	87.5	94.7	101.7	83.0	85.5	92.5	99.3	81.1	83.5	90.3	97.0	79.1	81.4	88.1	94.6	75.1	77.4	83.7	89.9	69.6	71.7	77.6	83.2	69.6	71.7	77.6	83.2	69.6	71.7	77.6	83.2				
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41				
	ΔT	18	16	13	9	18	17	14	9	18	17	14	9	18	17	14	9	18	17	14	9	18	17	14	9	18	17	14	9	18	17	14	9				
	kW	6.34	6.46	6.65	6.85	6.79	6.92	7.13	7.35	7.19	7.33	7.56	7.79	7.54	7.69	7.93	8.18	7.84	8.00	8.25	8.51	8.09	8.26	8.52	8.80	8.09	8.26	8.52	8.80	8.09	8.26	8.52	8.80				
	Amps	56.3	56.7	57.2																																	

EXPANDED COOLING DATA — DZ11SA0904A* / DAR0904A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
80	MBh	79.1	80.8	86.3	92.3	77.2	78.9	84.3	90.1	75.4	77.0	82.3	88.0	73.6	75.2	80.3	85.8	69.9	71.4	76.3	81.5	64.7	66.1	70.7	75.5	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.68	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	22	21	18	15	23	22	19	15	21	20	17	14	kW	6.23	6.35	6.53	6.73	6.67	6.80	7.00	7.22	7.06	7.20	7.42	7.65	7.40	7.55	7.79	8.03	7.69	7.85	8.10	8.35	7.95	8.11	8.37	8.63	Amps	56.0	56.3	56.9	57.5	57.2	57.6	58.2	58.9	58.7	59.2	59.8	60.5	61.1	60.5	61.0	61.7	62.6	61.9	62.4	63.1	64.0	63.2	63.7	64.5	65.4	HI PR	216	233	246	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	444	463	LO PR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	MBh	85.7	87.5	93.5	100.0	83.7	85.5	91.4	97.7	81.7	83.5	89.2	95.3	79.7	81.4	87.0	93.0	75.7	77.4	82.7	88.4	70.1	71.7	76.6	81.8	S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.78	0.58	ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	14	21	21	18	14	20	19	17	13	kW	6.37	6.49	6.68	6.88	6.82	6.96	7.17	7.39	7.22	7.37	7.60	7.83	7.58	7.74	7.98	8.23	7.88	8.04	8.30	8.56	8.14	8.31	8.57	8.85	Amps	56.4	56.8	57.3	58.0	57.7	58.1	58.7	59.4	59.2	59.7	60.3	61.1	60.5	61.0	61.7	62.6	61.9	62.4	63.1	64.0	63.2	63.7	64.5	65.4	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477	LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	MBh	86.5	88.4	94.5	101.0	84.5	86.4	92.3	98.6	82.5	84.3	90.1	96.3	80.5	82.2	87.9	93.9	76.5	78.1	83.5	89.2	70.8	72.4	77.3	82.7	S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	ΔT	20	19	17	13	20	19	17	13	20	19	17	13	20	20	17	14	20	19	17	13	18	18	16	12	kW	6.38	6.51	6.70	6.90	6.84	6.98	7.19	7.41	7.24	7.39	7.62	7.85	7.60	7.75	7.99	8.25	7.90	8.06	8.32	8.58	8.16	8.33	8.59	8.87	Amps	56.4	56.8	57.4	58.0	57.8	58.2	58.8	59.5	59.3	59.7	60.4	61.2	60.6	61.1	61.8	62.6	61.9	62.5	63.2	64.1	63.2	63.8	64.6	65.5	HI PR	223	240	254	265	251	270	285	297	285	307	324	338	325	349	369	385	365	393	415	433	404	434	459	478	LO PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166																												
	85	MBh	80.5	82.0	85.9	91.6	78.6	80.1	83.9	89.5	76.7	78.2	81.9	87.4	74.8	76.3	79.9	85.2	71.1	72.5	75.9	81.0	65.9	67.1	70.3	75.0	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	23	22	19	22	22	19	22	20	20	17	kW	6.27	6.40	6.58	6.78	6.72	6.85	7.06	7.27	7.11	7.26	7.48	7.71	7.46	7.61	7.85	8.09	7.75	7.92	8.16	8.42	8.01	8.18	8.43	8.70	Amps	56.1	56.5	57.0	57.6	57.4	57.8	58.4	59.1	58.9	59.3	60.0	60.7	60.2	60.6	61.3	62.1	61.4	62.0	62.7	63.6	62.7	63.3	64.1	65.0	HI PR	218	235	248	259	245	264	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467	LO PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	MBh	87.2	88.9	93.1	99.3	85.1	86.8	90.9	97.0	83.1	84.7	88.7	94.7	81.1	82.7	86.6	92.4	77.0	78.5	82.2	87.7	71.4	72.7	76.2	81.3	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	ΔT	23	22	21	18	23	23	21	18	23	23	21	19	23	23	22	19	22	22	21	18	20	20	20	17	kW	6.42	6.54	6.73	6.94	6.88	7.01	7.22	7.45	7.28	7.43	7.66	7.90	7.64	7.80	8.04	8.29	7.94	8.11	8.36	8.63	8.20	8.38	8.64	8.92	Amps	56.5	56.9	57.5	58.1	57.9	58.3	58.9	59.6	59.4	59.9	60.5	61.3	60.7	61.2	61.9	62.8	62.1	62.6	63.4	64.2	63.4	63.9	64.7	65.7	HI PR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	406	437	462	482	LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	MBh	88.0	89.7	94.0	100.3	86.0	87.7	91.8	97.9	83.9	85.6	89.6	95.6	81.9	83.5	87.4	93.3	77.8	79.3	83.1	88.6	72.1	73.5	76.9	82.1	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	ΔT	21	21	20	17	22	21	20	17	21	21	20	17	21	21	20	17	20	20	20	17	18	19	19	16	kW	6.43	6.56	6.75	6.95	6.89	7.03	7.24	7.46	7.30	7.45	7.67	7.91	7.66	7.81	8.06	8.31	7.96	8.13	8.38	8.65	8.22	8.40	8.66	8.94	Amps	56.6	57.0	57.5	58.2	57.9	58.3	58.9	59.6	59.5	59.9	60.6	61.4	60.8	61.3	62.0	62.8	62.1	62.7	63.4	64.3	63.4	64.0	64.8	65.8	HI PR	226	243	256	267	253	272	288	300	288	310	327	341	328	353	373	389	369	397	419	437	408	439	463	483	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
		IDB: Entering Indoor Dry Bulb Temperature																																				kW= Total system power																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions

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

EXPANDED COOLING DATA — DZ11SA1203A* / DAR1204A*

		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	
70	3325	MBh	96.6	100.1	109.7	-	94.3	97.8	107.1	-	92.1	95.5	104.6	-	89.9	93.1	102.0	-	85.4	88.5	96.9	-	79.1	82.0	89.8	-	79.1	82.0	89.8	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-
		kW	8.06	8.21	8.45	-	8.62	8.79	9.05	-	9.12	9.30	9.58	-	9.56	9.75	10.05	-	9.93	10.13	10.44	-	10.25	10.46	10.79	-	10.25	10.46	10.79	-
		Amps	39.5	40.0	40.6	-	41.1	41.6	42.4	-	43.0	43.6	44.4	-	44.6	45.3	46.1	-	46.3	46.9	47.9	-	47.9	48.6	49.6	-	47.9	48.6	49.6	-
	3797	Hi PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	389	419	442	-
		Lo PR	101	108	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-	126	134	147	-
		MBh	104.7	108.5	118.8	-	102.2	105.9	116.1	-	99.8	103.4	113.3	-	97.4	100.9	110.6	-	92.5	95.9	105.0	-	85.7	88.8	97.3	-	85.7	88.8	97.3	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-
4275	kW	8.24	8.40	8.64	-	8.82	8.99	9.26	-	9.33	9.52	9.80	-	9.78	9.98	10.29	-	10.16	10.38	10.70	-	10.50	10.72	11.05	-	10.50	10.72	11.05	-	
	Amps	40.0	40.5	41.2	-	41.7	42.3	43.0	-	43.7	44.3	45.1	-	45.4	46.0	46.9	-	47.0	47.7	48.7	-	48.7	49.4	50.4	-	48.7	49.4	50.4	-	
	Hi PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	413	-	401	432	456	-	401	432	456	-	
	Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	130	139	151	-	
	MBh	107.8	111.7	122.4	-	105.3	109.1	119.6	-	102.8	106.5	116.7	-	100.3	103.9	113.9	-	95.3	98.7	108.2	-	88.2	91.5	100.2	-	88.2	91.5	100.2	-	
75	3325	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	16	14	10	-
		kW	8.30	8.46	8.70	-	8.88	9.06	9.33	-	9.40	9.59	9.88	-	9.86	10.06	10.37	-	10.24	10.46	10.78	-	10.58	10.80	11.14	-	10.58	10.80	11.14	-
		Amps	40.2	40.7	41.4	-	41.9	42.5	43.2	-	43.9	44.5	45.3	-	45.6	46.2	47.1	-	47.3	48.0	49.0	-	49.0	49.7	50.7	-	49.0	49.7	50.7	-
		Hi PR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	395	417	-	405	436	461	-	405	436	461	-
	3797	Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-	132	140	153	-
		MBh	98.2	101.1	109.5	117.5	95.9	98.8	106.9	114.8	93.7	96.4	104.4	112.0	91.4	94.1	101.8	109.3	86.8	89.4	96.7	103.8	80.4	82.8	89.6	96.2	80.4	82.8	89.6	96.2
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	10
		kW	8.12	8.27	8.51	8.76	8.69	8.86	9.12	9.39	9.19	9.37	9.65	9.95	9.63	9.83	10.13	10.44	10.01	10.21	10.53	10.86	10.33	10.55	10.87	11.22	10.33	10.55	10.87	11.22
4275	Amps	39.7	40.1	40.8	41.6	41.3	41.8	42.6	43.5	43.2	43.8	44.6	45.6	44.9	45.5	46.4	47.4	46.5	47.2	48.1	49.2	48.1	48.9	49.9	51.0	48.1	48.9	49.9	51.0	
	Hi PR	218	234	247	258	244	263	277	289	278	299	316	329	316	340	359	375	356	383	404	422	393	423	447	466	393	423	447	466	
	Lo PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158	128	136	148	158	
	MBh	106.4	109.6	118.6	127.3	104.0	107.0	115.8	124.3	101.5	104.5	113.1	121.4	99.0	101.9	110.3	118.4	94.1	96.8	104.8	112.5	87.1	89.7	97.1	104.2	87.1	89.7	97.1	104.2	
	S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.61	0.40	0.91	0.81	0.61	0.40	
4275	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10	19	18	14	10	
	kW	8.30	8.46	8.71	8.96	8.88	9.06	9.33	9.61	9.40	9.59	9.88	10.19	9.86	10.06	10.37	10.69	10.25	10.46	10.78	11.12	10.58	10.80	11.14	11.50	10.58	10.80	11.14	11.50	
	Amps	40.2	40.7	41.4	42.3	41.9	42.5	43.2	44.1	43.9	44.5	45.3	46.3	45.6	46.2	47.1	48.2	47.3	48.0	49.0	50.1	49.0	49.7	50.7	51.9	49.0	49.7	50.7	51.9	
	Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	371	386	367	395	417	435	405	436	461	480	405	436	461	480	
	Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	132	140	153	163	
		MBh	109.6	112.9	122.2	131.1	107.1	110.2	119.3	128.1	104.5	107.6	116.5	125.0	102.0	105.0	113.6	122.0	96.9	99.7	108.0	115.9	89.7	92.4	100.0	107.3	89.7	92.4	100.0	107.3
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	18	17	14	10
		kW	8.36	8.52	8.77	9.03	8.95	9.13	9.40	9.69	9.47	9.67	9.96	10.27	9.93	10.14	10.45	10.78	10.33	10.54	10.87	11.21	10.66	10.89	11.23	11.59	10.66	10.89	11.23	11.59
		Amps	40.4	40.9	41.6	42.5	42.1	42.7	43.5	44.4	44.1	44.7	45.6	46.6	45.8	46.5	47.4	48.5	47.6	48.3	49.2	50.4	49.3	50.0	51.0	52.3	49.3	50.0	51.0	52.3
		Hi PR	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	390	371	399	421	439	409	441	465	485	409	441	465	485
		Lo PR	106	114	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164	133	141	154	164
		kW= Total system power Amps = outdoor unit amps (comp.+fan)																												
		Shaded area reflects ACCA (TVA) conditions																												
		DB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.																												

EXPANDED COOLING DATA — DZ11SA1203A* / DAR1204A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	
		ENTERING INDOOR WET BULB TEMPERATURE																																			
80	MBh	100.0	102.2	109.1	116.7	124.3	131.9	139.5	147.1	154.7	162.3	169.9	177.5	185.1	192.7	200.3	207.9	215.5	223.1	230.7	238.3	245.9	253.5	261.1	268.7	276.3	283.9	291.5	299.1	306.7	314.3	321.9	329.5	337.1	344.7	352.3	359.9
	S/T	0.84	0.78	0.64	0.48	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32	-4.48	
	ΔT	23	22	19	15	11	7	3	-1	-5	-9	-13	-17	-21	-25	-29	-33	-37	-41	-45	-49	-53	-57	-61	-65	-69	-73	-77	-81	-85	-89	-93	-97	-101	-105		
	kW	8.18	8.33	8.57	8.83	9.08	9.33	9.58	9.83	10.08	10.33	10.58	10.83	11.08	11.33	11.58	11.83	12.08	12.33	12.58	12.83	13.08	13.33	13.58	13.83	14.08	14.33	14.58	14.83	15.08	15.33	15.58	15.83	16.08	16.33	16.58	
	Amps	39.8	40.3	41.0	41.8	42.5	43.2	44.0	44.7	45.5	46.2	47.0	47.7	48.5	49.2	50.0	50.8	51.5	52.3	53.0	53.8	54.5	55.3	56.0	56.8	57.5	58.3	59.0	59.8	60.5	61.3	62.0	62.8	63.5	64.3	65.0	
	HI PR	220	237	250	261	271	281	291	301	311	321	331	341	351	361	371	381	391	401	411	421	431	441	451	461	471	481	491	501	511	521	531	541	551	561	571	
	LO PR	103	110	120	128	135	142	150	157	164	171	179	186	193	200	207	214	221	228	235	242	249	256	263	270	277	284	291	298	305	312	319	326	333	340	347	
	MBh	108.3	110.7	118.3	126.4	134.5	142.6	150.7	158.8	166.9	175.0	183.1	191.2	199.3	207.4	215.5	223.6	231.7	239.8	247.9	256.0	264.1	272.2	280.3	288.4	296.5	304.6	312.7	320.8	328.9	337.0	345.1	353.2	361.3	369.4	377.5	
	S/T	0.87	0.81	0.66	0.49	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32	-4.48	
ΔT	23	22	19	15	11	7	3	-1	-5	-9	-13	-17	-21	-25	-29	-33	-37	-41	-45	-49	-53	-57	-61	-65	-69	-73	-77	-81	-85	-89	-93	-97	-101	-105			
80	kW	8.36	8.52	8.77	9.03	9.28	9.54	9.79	10.05	10.30	10.56	10.81	11.07	11.32	11.58	11.83	12.08	12.33	12.58	12.83	13.08	13.33	13.58	13.83	14.08	14.33	14.58	14.83	15.08	15.33	15.58	15.83	16.08	16.33	16.58		
	Amps	40.4	40.9	41.6	42.5	42.1	42.7	43.5	44.4	44.1	44.7	45.6	46.6	47.3	48.1	48.8	49.5	50.2	50.9	51.6	52.3	53.0	53.7	54.4	55.1	55.8	56.5	57.2	57.9	58.6	59.3	60.0	60.7	61.4	62.1		
	HI PR	227	244	258	269	254	274	289	301	289	311	329	343	329	354	374	390	371	399	421	439	409	441	465	485	454	486	508	529	549	569	589	609	629	649		
	LO PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164	132	141	151	161	131	138	143	145	150	159		
	MBh	111.6	114.0	121.8	130.2	109.0	111.4	119.0	127.2	106.4	108.7	116.1	124.1	103.8	106.0	113.3	121.1	98.6	100.7	107.6	115.1	91.3	93.3	99.7	106.6	103.2	105.3	112.1	119.0	125.8	132.7	139.6	146.5	153.4	160.3		
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.80	0.60	0.39	0.18	0.07	0.14	0.21	0.28	0.35	0.42	0.49			
	ΔT	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	21	21	18	15	20	20	17	14	11	9	6	3	0	3	6	9	12			
	kW	8.42	8.59	8.84	9.10	9.02	9.20	9.47	9.76	9.55	9.74	10.04	10.35	10.01	10.22	10.53	10.86	10.41	10.62	10.96	11.30	10.75	10.98	11.32	11.68	11.03	11.26	11.59	11.92	12.25	12.58	12.91	13.24	13.57			
	Amps	40.6	41.1	41.8	42.7	42.3	42.9	43.7	44.6	44.4	45.0	45.8	46.8	46.1	46.7	47.7	48.8	47.8	48.5	49.5	50.7	49.5	50.3	51.3	52.6	49.9	50.1	50.3	50.5	50.7	50.9	51.1	51.3	51.5	51.7		
HI PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490	459	461	463	465	467	469	471	473	475	477			
LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166	134	136	138	140	142	144	146	148	150	152			
85	MBh	101.7	103.7	108.6	115.9	99.4	101.3	106.1	113.2	97.0	98.9	103.5	110.5	94.6	96.5	101.0	107.8	89.9	91.6	96.0	102.4	83.3	84.9	88.9	94.8	90.4	92.1	93.8	95.5	97.2	98.9	100.6	102.3	104.0	105.7		
	S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.97	0.88	0.71	0.48	0.25	0.02	0.21	0.42	0.63	0.84	1.05			
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	25	24	23	20	22	22	22	19	16	13	10	7	4	1	0	3	6			
	kW	8.24	8.40	8.64	8.89	8.82	8.99	9.26	9.54	9.33	9.52	9.80	10.10	9.78	9.98	10.28	10.61	10.16	10.37	10.69	11.03	10.49	10.71	11.05	11.40	10.75	10.98	11.32	11.68	12.04	12.40	12.76	13.12				
	Amps	40.0	40.5	41.2	42.0	41.7	42.3	43.0	43.9	43.7	44.3	45.1	46.1	45.3	46.0	46.9	47.9	47.0	47.7	48.7	49.8	48.7	49.4	50.4	51.6	48.9	49.1	49.3	49.5	49.7	49.9	50.1	50.3	50.5			
	HI PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	413	430	401	432	456	475	444	446	448	450	452	454	456	458	460			
	LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	140	149	126	134	146	156	130	139	151	161	137	139	141	143	145	147	149	151	153			
	MBh	110.2	112.3	117.7	125.5	107.6	109.7	114.9	122.6	105.1	107.1	112.2	119.7	102.5	104.5	109.5	116.8	97.4	99.3	104.0	110.9	90.2	92.0	96.3	102.8	97.8	99.6	101.3	103.0	104.7	106.4	108.1	109.8	111.5			
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	0.51	0.28	0.05	0.24	0.45	0.66	0.87	1.08				
ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	22	18	15	12	9	6	3	0	3	6	9				
kW	8.42	8.59	8.84	9.10	9.02	9.20	9.47	9.76	9.55	9.74	10.04	10.35	10.01	10.22	10.53	10.86	10.41	10.62	10.96	11.30	10.75	10.98	11.32	11.68	11.03	11.26	11.59	11.92	12.25	12.58	12.91	13.24	13.57				
Amps	40.6	41.1	41.8	42.7	42.3	42.9	43.7	44.6	44.4	45.0	45.8	46.8	46.1	46.7	47.7	48.8	47.8	48.5	49.5	50.7	49.5	50.3	51.3	52.6	49.9	50.1	50.3	50.5	50.7	50.9	51.1	51.3	51.5				
HI PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490	459	461	463	465	467	469	471	473	475				
LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166	134	136	138	140	142	144	146	148	150	152			
85	MBh	113.5	115.7	121.2	129.3	110.9	113.0	118.4	126.3	108.2	110.3	115.6	123.3	105.6	107.6	112.7	120.3	100.3	102.3	107.1	114.3	92.9	94.7	99.2	105.8	100.8	102.6	104.3	106.0	107.7	109.4	111.1	112.8	114.5			
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77												

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

EXPANDED COOLING DATA — DZ11SA1204A* / DAR1204A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	96.6	100.1	109.7	-	94.3	97.8	107.1	-	92.1	95.5	104.6	-	89.9	93.1	102.0	-	85.4	88.5	96.9	-	79.1	82.0	89.8	-	79.1	82.0	89.8	-	79.1	82.0	89.8	-				
	S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-				
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-				
	kW	8.06	8.21	8.45	-	8.62	8.79	9.05	-	9.12	9.30	9.58	-	9.56	9.75	10.05	-	9.93	10.13	10.44	-	10.25	10.46	10.79	-	10.25	10.46	10.79	-	10.25	10.46	10.79	-				
	Amps	60.8	61.2	61.9	-	62.4	62.9	63.7	-	64.3	64.9	65.7	-	65.9	66.5	67.4	-	67.6	68.2	69.1	-	69.2	69.9	70.9	-	69.2	69.9	70.9	-	69.2	69.9	70.9	-				
	HI PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	389	419	442	-	389	419	442	-				
	LO PR	101	108	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-	126	134	147	-	126	134	147	-				
	MBh	104.7	108.5	118.8	-	102.2	105.9	116.1	-	99.8	103.4	113.3	-	97.4	100.9	110.6	-	92.5	95.9	105.0	-	85.7	88.8	97.3	-	85.7	88.8	97.3	-	85.7	88.8	97.3	-				
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-				
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-	17	14	11	-				
	kW	8.24	8.40	8.64	-	8.82	8.99	9.26	-	9.33	9.52	9.80	-	9.78	9.98	10.29	-	10.16	10.38	10.70	-	10.50	10.72	11.05	-	10.50	10.72	11.05	-	10.50	10.72	11.05	-				
75	Amps	61.3	61.8	62.5	-	63.0	63.6	64.3	-	65.0	65.6	66.4	-	66.6	67.3	68.2	-	68.3	69.0	70.0	-	70.0	70.7	71.7	-	70.0	70.7	71.7	-	70.0	70.7	71.7	-				
	HI PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	413	-	401	432	456	-	401	432	456	-	401	432	456	-				
	LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	130	139	151	-	130	139	151	-				
	MBh	107.8	111.7	122.4	-	105.3	109.1	119.6	-	102.8	106.5	116.7	-	100.3	103.9	113.9	-	95.3	98.7	108.2	-	88.2	91.5	100.2	-	88.2	91.5	100.2	-	88.2	91.5	100.2	-				
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-				
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	16	14	10	-	16	14	10	-				
	kW	8.30	8.46	8.70	-	8.88	9.06	9.33	-	9.40	9.59	9.88	-	9.86	10.06	10.37	-	10.24	10.46	10.78	-	10.58	10.80	11.14	-	10.58	10.80	11.14	-	10.58	10.80	11.14	-				
	Amps	61.5	62.0	62.7	-	63.2	63.8	64.5	-	65.2	65.8	66.6	-	66.9	67.5	68.4	-	68.6	69.3	70.2	-	70.3	71.0	72.0	-	70.3	71.0	72.0	-	70.3	71.0	72.0	-				
	HI PR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	395	417	-	405	436	461	-	405	436	461	-	405	436	461	-				
	LO PR	105	112	122	-	111	118	129	-	116	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-	132	140	153	-	132	140	153	-				
	3325	MBh	98.2	101.1	109.5	117.5	95.9	98.8	106.9	114.8	93.7	96.4	104.4	112.0	91.4	94.1	101.8	109.3	86.8	89.4	96.7	103.8	80.4	82.8	89.6	96.2	80.4	82.8	89.6	96.2	80.4	82.8	89.6	96.2			
S/T		0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38				
ΔT		21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	10	19	18	15	10				
kW		8.12	8.27	8.51	8.76	8.69	8.86	9.12	9.39	9.19	9.37	9.65	9.95	9.63	9.83	10.13	10.44	10.01	10.21	10.53	10.86	10.33	10.55	10.87	11.22	10.33	10.55	10.87	11.22	10.33	10.55	10.87	11.22				
Amps		61.0	61.4	62.1	62.9	62.6	63.1	63.9	64.8	64.5	65.1	65.9	66.9	66.2	66.8	67.7	68.7	67.8	67.8	68.5	69.4	70.5	69.4	70.1	71.1	72.3	69.4	70.1	71.1	72.3	69.4	70.1	71.1	72.3			
HI PR		218	234	247	258	244	263	277	289	278	299	316	329	316	340	359	375	356	383	404	422	393	423	447	466	393	423	447	466	393	423	447	466				
LO PR		102	109	119	126	108	115	125	133	112	119	130	139	112	125	137	146	123	131	143	153	128	136	148	158	128	136	148	158	128	136	148	158				
MBh		106.4	109.6	118.6	127.3	104.0	107.0	115.8	124.3	101.5	104.5	113.1	121.4	99.0	101.9	110.3	118.4	94.1	96.8	104.8	112.5	87.1	89.7	97.1	104.2	87.1	89.7	97.1	104.2	87.1	89.7	97.1	104.2				
S/T		0.79	0.71	0.54	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.61	0.40	0.91	0.81	0.61	0.39	0.91	0.81	0.61	0.40				
ΔT		20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10	19	18	14	10	19	18	14	10				
kW		8.30	8.46	8.71	8.96	8.88	9.06	9.33	9.61	9.40	9.59	9.88	10.19	9.86	10.06	10.37	10.69	10.25	10.46	10.78	11.12	10.58	10.80	11.14	11.50	10.58	10.80	11.14	11.50	10.58	10.80	11.14	11.50				
4275	Amps	61.5	62.0	62.7	63.6	63.2	63.8	64.5	65.4	65.2	65.8	66.6	67.6	66.9	67.5	68.4	69.5	68.6	69.3	70.2	71.4	70.3	71.0	72.0	73.2	70.3	71.0	72.0	73.2	70.3	71.0	72.0	73.2				
	HI PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	371	386	367	395	417	435	405	436	461	480	405	436	461	480	405	436	461	480				
	LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	132	140	153	163	132	140	153	163				
	MBh	109.6	112.9	122.2	131.1	107.1	110.2	119.3	128.1	104.5	107.6	116.5	125.0	102.0	105.0	113.6	122.0	96.9	99.7	108.0	115.9	89.7	92.4	100.0	107.3	89.7	92.4	100.0	107.3	89.7	92.4	100.0	107.3				
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41				
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	18	17	14	10	18	17	14	10				
	kW	8.36	8.52	8.77	9.03	8.95	9.13	9.40	9.69	9.47	9.67	9.96	10.27	9.93	10.14	10.45	10.78	10.33	10.54	10.87	11.21	10.66	10.89	11.23	11.59	10.66	10.89	11.23	11.59	10.66	10.89	11.23	11.59				
	Amps	61.7	62.2	62.9	63.8	63.4	64.0	64.8	65.7	65.4	66.0	66.9	67.9	67.1	67.8	68.7	69.8	68.8	69.5	70.5	71.7	70															

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

Shaded area reflects ACCA (TVA) conditions

EXPANDED COOLING DATA — DZ11SA1204A* / DAR1204A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	
80	MBh	100.0	102.2	109.1	116.7	124.3	131.9	139.5	147.1	154.7	162.3	169.9	177.5	185.1	192.7	200.3	207.9	215.5	223.1	230.7	238.3	245.9	253.5	261.1	268.7	276.3	283.9	291.5	299.1	306.7	314.3	321.9	329.5	337.1	344.7	352.3	359.9
	S/T	0.84	0.78	0.64	0.48	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32	-4.48	
	ΔT	23	22	19	15	11	7	3	-1	-5	-9	-13	-17	-21	-25	-29	-33	-37	-41	-45	-49	-53	-57	-61	-65	-69	-73	-77	-81	-85	-89	-93	-97	-101	-105		
	kW	8.18	8.33	8.57	8.83	9.08	9.33	9.58	9.83	10.08	10.33	10.58	10.83	11.08	11.33	11.58	11.83	12.08	12.33	12.58	12.83	13.08	13.33	13.58	13.83	14.08	14.33	14.58	14.83	15.08	15.33	15.58	15.83	16.08	16.33	16.58	
	Amps	61.1	61.6	62.3	63.1	63.9	64.7	65.5	66.3	67.1	67.9	68.7	69.5	70.3	71.1	71.9	72.7	73.5	74.3	75.1	75.9	76.7	77.5	78.3	79.1	79.9	80.7	81.5	82.3	83.1	83.9	84.7	85.5	86.3	87.1	87.9	
	Hi PR	220	237	250	261	271	281	291	301	311	321	331	341	351	361	371	381	391	401	411	421	431	441	451	461	471	481	491	501	511	521	531	541	551	561	571	
	Lo PR	103	110	120	128	135	142	150	157	165	172	180	187	195	202	210	217	225	232	240	247	255	262	270	277	285	292	300	307	315	322	330	337	345	352	360	
	MBh	108.3	110.7	118.3	126.4	134.5	142.6	150.7	158.8	166.9	175.0	183.1	191.2	199.3	207.4	215.5	223.6	231.7	239.8	247.9	256.0	264.1	272.2	280.3	288.4	296.5	304.6	312.7	320.8	328.9	337.0	345.1	353.2	361.3	369.4	377.5	
	S/T	0.87	0.81	0.66	0.49	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32	-4.48	
	ΔT	23	22	19	15	11	7	3	-1	-5	-9	-13	-17	-21	-25	-29	-33	-37	-41	-45	-49	-53	-57	-61	-65	-69	-73	-77	-81	-85	-89	-93	-97	-101	-105		
	kW	8.36	8.52	8.77	9.03	9.28	9.54	9.79	10.05	10.30	10.56	10.81	11.07	11.32	11.58	11.83	12.08	12.33	12.58	12.83	13.08	13.33	13.58	13.83	14.08	14.33	14.58	14.83	15.08	15.33	15.58	15.83	16.08	16.33	16.58		
Amps	61.7	62.2	62.9	63.8	64.6	65.4	66.0	66.9	67.9	67.1	67.8	68.7	69.8	68.9	69.5	70.5	71.7	70.5	71.3	72.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5		
Hi PR	227	244	258	269	279	289	301	311	329	343	329	354	374	390	371	399	421	439	409	441	465	485	485	485	485	485	485	485	485	485	485	485	485	485	485		
Lo PR	106	113	123	131	141	151	161	171	181	191	201	211	221	231	241	251	261	271	281	291	301	311	321	331	341	351	361	371	381	391	401	411	421	431	441		
85	MBh	111.6	114.0	121.8	130.2	138.6	146.9	155.3	163.7	172.1	180.5	188.9	197.3	205.7	214.1	222.5	230.9	239.3	247.7	256.1	264.5	272.9	281.3	289.7	298.1	306.5	314.9	323.3	331.7	340.1	348.5	356.9	365.3	373.7	382.1	390.5	
	S/T	0.91	0.85	0.69	0.52	0.36	0.19	0.02	-0.15	-0.31	-0.47	-0.63	-0.79	-0.95	-1.11	-1.27	-1.43	-1.59	-1.75	-1.91	-2.07	-2.23	-2.39	-2.55	-2.71	-2.87	-3.03	-3.19	-3.35	-3.51	-3.67	-3.83	-3.99	-4.15	-4.31		
	ΔT	22	21	18	15	12	9	6	3	0	-3	-6	-9	-12	-15	-18	-21	-24	-27	-30	-33	-36	-39	-42	-45	-48	-51	-54	-57	-60	-63	-66	-69	-72	-75		
	kW	8.42	8.59	8.84	9.10	9.35	9.60	9.85	10.10	10.35	10.60	10.85	11.10	11.35	11.60	11.85	12.10	12.35	12.60	12.85	13.10	13.35	13.60	13.85	14.10	14.35	14.60	14.85	15.10	15.35	15.60	15.85	16.10	16.35	16.60		
	Amps	61.9	62.4	63.1	64.0	64.9	65.7	66.6	67.4	68.1	68.8	69.6	70.4	71.2	72.0	72.8	73.6	74.4	75.2	76.0	76.8	77.6	78.4	79.2	80.0	80.8	81.6	82.4	83.2	84.0	84.8	85.6	86.4	87.2	88.0		
	Hi PR	229	246	260	271	281	291	304	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490	490	490	490	490	490	490	490	490	490	490	490	490		
	Lo PR	107	114	125	133	141	150	159	168	177	186	195	204	213	222	231	240	249	258	267	276	285	294	303	312	321	330	339	348	357	366	375	384	393	402		
	MBh	110.2	112.3	117.7	125.5	133.3	141.1	148.9	156.7	164.5	172.3	180.1	187.9	195.7	203.5	211.3	219.1	226.9	234.7	242.5	250.3	258.1	265.9	273.7	281.5	289.3	297.1	304.9	312.7	320.5	328.3	336.1	343.9	351.7	359.5		
	S/T	0.91	0.88	0.79	0.64	0.48	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16		
	ΔT	24	24	23	20	17	14	11	8	5	2	-1	-4	-7	-10	-13	-16	-19	-22	-25	-28	-31	-34	-37	-40	-43	-46	-49	-52	-55	-58	-61	-64	-67	-70		
	kW	8.42	8.59	8.84	9.10	9.35	9.60	9.85	10.10	10.35	10.60	10.85	11.10	11.35	11.60	11.85	12.10	12.35	12.60	12.85	13.10	13.35	13.60	13.85	14.10	14.35	14.60	14.85	15.10	15.35	15.60	15.85	16.10	16.35	16.60		
Amps	61.9	62.4	63.1	64.0	64.9	65.7	66.6	67.4	68.1	68.8	69.6	70.4	71.2	72.0	72.8	73.6	74.4	75.2	76.0	76.8	77.6	78.4	79.2	80.0	80.8	81.6	82.4	83.2	84.0	84.8	85.6	86.4	87.2	88.0			
Hi PR	229	246	260	271	281	291	304	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490	490	490	490	490	490	490	490	490	490	490	490	490			
Lo PR	107	114	125	133	141	150	159	168	177	186	195	204	213	222	231	240	249	258	267	276	285	294	303	312	321	330	339	348	357	366	375	384	393	402			
4275	MBh	113.5	115.7	121.2	129.3	137.4	145.5	153.6	161.7	169.8	177.9	186.0	194.1	202.2	210.3	218.4	226.5	234.6	242.7	250.8	258.9	267.0	275.1	283.2	291.3	299.4	307.5	315.6	323.7	331.8	339.9	348.0	356.1	364.2	372.3	380.4	388.5
	S/T	0.95	0.92	0.83	0.67	0.50	0.33	0.16	0.00	-0.16	-0.33	-0.50	-0.67	-0.83	-1.00	-1.17	-1.33	-1.50	-1.67	-1.83	-2.00	-2.17	-2.33	-2.50	-2.67	-2.83	-3.00	-3.17	-3.33	-3.50	-3.67	-3.83	-4.00	-4.17	-4.33		
	ΔT	23	23	22	19	16	13	10	7	4	1	-2	-5	-8	-11	-14	-17	-20	-23	-26	-29	-32	-35	-38	-41	-44	-47	-50	-53	-56	-59	-62	-65	-68	-71		
	kW	8.48	8.65	8.90	9.17	9.42	9.67	9.92	10.17	10.42	10.67	10.92	11.17	11.42	11.67	11.92	12.17	12.42	12.67	12.92	13.17	13.42	13.67	13.92	14.17	14.42	14.67	14.92	15.17	15.42	15.67	15.92	16.17	16.42	16.67		
	Amps	62.1	62.6	63.3	64.2	65.1	66.0	66.9	67.8	68.7	69.6	70.5	71.4	72.3	73.2	74.1	75.0	75.9	76.8	77.7	78.6	79.5	80.4	81.3	82.2	83.1	84.0	84.9	85.8	86.7	87.6	88.5	89.4	90.3	91.2	92.1	
	Hi PR	231	249	263	274	284	294	304	314	334	344	354	364	374	384	394	404	414	424	434	444	454	464	474	484	494	504	514	524	534	544	554	564	574	584		
	Lo PR	108	115	126	134	141	148	155	162	169	176	183	190	197	204	211	218	225	232	239	246	253	260	267	274	281	288	295	302	309	316	323	330	337	344		
	MBh	108.3	110.7	118.3	126.4	134.5	142.6	150.7	158.8	166.9	175.0	183.1	191.2																								

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

EXPANDED COOLING DATA — Two DZ13SA048* / DAT0904*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	86.2	89.4	97.9	-	84.2	87.3	95.6	-	82.2	85.2	93.4	-	80.2	83.1	91.1	-	76.2	79.0	86.5	-	70.6	73.2	80.2	-	70.6	73.2	80.2	-	70.6	73.2	80.2	-				
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-				
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	16	14	11	-				
	kW	6.02	6.14	6.33	-	6.46	6.60	6.80	-	6.85	7.00	7.22	-	7.20	7.35	7.59	-	7.49	7.65	7.90	-	7.75	7.92	8.17	-	7.75	7.92	8.17	-	7.75	7.92	8.17	-				
	Amps	16.5	16.8	17.4	-	17.7	18.1	18.7	-	19.2	19.6	20.2	-	20.4	20.9	21.6	-	21.7	22.2	22.9	-	22.9	23.4	24.2	-	22.9	23.4	24.2	-	22.9	23.4	24.2	-				
	Hi PR	238	256	270	-	267	287	303	-	304	327	345	-	346	372	393	-	389	419	442	-	430	462	488	-	430	462	488	-	430	462	488	-				
	Lo PR	104	111	121	-	110	117	128	-	114	121	133	-	120	128	139	-	126	134	146	-	130	138	151	-	130	138	151	-	130	138	151	-				
	MBh	83.7	86.8	95.1	-	81.8	84.8	92.9	-	79.8	82.7	90.7	-	77.9	80.7	88.4	-	74.0	76.7	84.0	-	68.5	71.0	77.8	-	68.5	71.0	77.8	-	68.5	71.0	77.8	-				
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-				
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-				
75	kW	5.97	6.09	6.28	-	6.41	6.54	6.75	-	6.80	6.94	7.16	-	7.14	7.29	7.53	-	7.43	7.59	7.84	-	7.68	7.85	8.10	-	7.68	7.85	8.10	-	7.68	7.85	8.10	-				
	Amps	16.3	16.7	17.2	-	17.6	18.0	18.5	-	19.0	19.4	20.0	-	20.2	20.7	21.4	-	21.5	22.0	22.7	-	22.7	23.2	24.0	-	22.7	23.2	24.0	-	22.7	23.2	24.0	-				
	Hi PR	235	253	268	-	264	284	300	-	301	323	342	-	342	368	389	-	385	414	438	-	425	458	483	-	425	458	483	-	425	458	483	-				
	Lo PR	103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	145	-	129	137	150	-	129	137	150	-	129	137	150	-				
	MBh	77.3	80.1	87.8	-	75.5	78.2	85.7	-	73.7	76.4	83.7	-	71.9	74.5	81.6	-	68.3	70.8	77.5	-	63.3	65.6	71.8	-	63.3	65.6	71.8	-	63.3	65.6	71.8	-				
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-				
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-				
	kW	5.84	5.95	6.13	-	6.26	6.39	6.59	-	6.64	6.78	6.99	-	6.97	7.12	7.34	-	7.25	7.41	7.64	-	7.50	7.66	7.90	-	7.50	7.66	7.90	-	7.50	7.66	7.90	-				
	Amps	15.9	16.3	16.8	-	17.1	17.5	18.0	-	18.5	18.9	19.5	-	19.7	20.2	20.8	-	20.9	21.4	22.1	-	22.1	22.6	23.3	-	22.1	22.6	23.3	-	22.1	22.6	23.3	-				
	Hi PR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	424	-	413	444	469	-	413	444	469	-	413	444	469	-				
Lo PR	100	106	116	-	106	112	123	-	110	117	127	-	115	123	134	-	121	128	140	-	125	133	145	-	125	133	145	-	125	133	145	-					
3372	MBh	87.7	90.3	97.7	104.9	85.7	88.2	95.5	102.5	83.6	86.1	93.2	100.0	81.6	84.0	90.9	97.6	77.5	79.8	86.4	92.7	71.8	73.9	80.5	85.9	71.8	73.9	80.5	85.9	71.8	73.9	80.5	85.9				
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42				
	ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10	19	17	14	10	19	17	14	10				
	kW	6.06	6.19	6.38	6.57	6.51	6.65	6.85	7.07	6.91	7.05	7.28	7.51	7.26	7.41	7.65	7.90	7.55	7.72	7.97	8.23	7.81	7.98	8.24	8.51	7.81	7.98	8.24	8.51	7.81	7.98	8.24	8.51				
	Amps	16.6	17.0	17.5	18.1	17.9	18.3	18.8	19.5	19.3	19.8	20.4	21.1	20.6	21.1	21.8	22.5	21.9	22.4	23.1	23.9	23.1	23.7	24.4	25.3	23.1	23.7	24.4	25.3	23.1	23.7	24.4	25.3				
	Hi PR	240	259	273	285	270	290	306	320	307	330	348	363	349	376	397	414	393	423	446	466	434	467	493	515	434	467	493	515	434	467	493	515				
	Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	153	162	131	140	153	162	131	140	153	162				
	MBh	85.1	87.7	94.9	101.8	83.2	85.6	92.7	99.5	81.2	83.6	90.5	97.1	79.2	81.5	88.3	94.7	75.2	77.5	83.9	90.0	69.7	71.8	77.7	83.4	69.7	71.8	77.7	83.4	69.7	71.8	77.7	83.4				
	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40				
	ΔT	21	19	16	11	21	19	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	10	20	18	15	10				
3000	kW	6.02	6.14	6.33	6.52	6.46	6.60	6.80	7.01	6.85	7.00	7.22	7.45	7.20	7.35	7.59	7.83	7.49	7.66	7.90	8.16	7.75	7.92	8.17	8.44	7.75	7.92	8.17	8.44	7.75	7.92	8.17	8.44				
	Amps	16.5	16.8	17.4	18.0	17.7	18.1	18.7	19.3	19.2	19.6	20.2	21.0	20.4	20.9	21.6	22.3	21.7	22.2	22.9	23.7	22.9	23.4	24.2	25.1	22.9	23.4	24.2	25.1	22.9	23.4	24.2	25.1				
	Hi PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	463	488	509	430	463	488	509	430	463	488	509				
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161	130	138	151	161	130	138	151	161				
	MBh	78.6	80.9	87.6	94.0	76.8	79.0	85.5	91.8	74.9	77.1	83.5	89.6	73.1	75.3	81.5	87.4	69.4	71.5	77.4	83.1	64.3	66.2	71.7	76.9	64.3	66.2	71.7	76.9	64.3	66.2	71.7	76.9				
2629	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.38	0.89	0.79	0.60	0.38	0.89	0.79	0.60	0.38				
	ΔT	21	20	16	11	21	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	20	18	15	10	20	18	15	10				
	kW	5.88	6.00	6.18	6.37	6.31	6.44	6.64	6.85	6.69	6.83	7.05	7.27	7.03	7.18	7.40	7.64	7.31	7.47	7.71	7.96	7.56	7.72	7.97	8.23	7.56	7.72	7.97	8.23	7.56	7.72	7.97	8.23				
	Amps																																				

EXPANDED COOLING DATA — Two DZ13SA048* / DAT0904* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F																							
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
80	3372	MBh	89.3	91.2	97.4	104.2	87.2	89.1	95.2	101.7	85.1	87.0	92.9	99.3	83.0	84.8	90.6	96.9	78.9	80.6	86.1	92.0	73.1	74.7	79.8	85.3											
		S/T	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60											
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14											
		kW	6.11	6.24	6.43	6.62	6.56	6.70	6.91	7.13	6.96	7.11	7.34	7.57	7.32	7.47	7.71	7.96	7.62	7.78	8.03	8.30	7.88	8.05	8.31	8.58											
		Amps	16.7	17.1	17.7	18.3	18.0	18.4	19.0	19.7	19.5	20.0	20.6	21.3	20.8	21.3	21.9	22.7	22.1	22.6	23.3	24.2	23.3	23.9	24.6	25.6											
		Hi PR	243	261	276	288	272	293	309	323	310	333	352	367	353	380	401	418	397	427	451	470	438	472	498	520											
	Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164												
	3000	MBh	86.7	88.5	94.6	101.1	84.6	86.5	92.4	98.8	82.6	84.4	90.2	96.4	80.6	82.4	88.0	94.1	76.6	78.2	83.6	89.4	70.9	72.5	77.4	82.8											
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.58											
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15											
kW		6.06	6.19	6.38	6.57	6.51	6.65	6.85	7.07	6.91	7.06	7.28	7.51	7.26	7.41	7.65	7.90	7.56	7.72	7.97	8.23	7.81	7.98	8.24	8.51												
2629	Amps	16.6	17.0	17.5	18.1	17.9	18.3	18.9	19.5	19.3	19.8	20.4	21.1	20.6	21.1	21.8	22.5	21.9	22.4	23.1	23.9	23.1	23.7	24.4	25.3												
	Hi PR	240	259	273	285	270	290	306	320	307	330	348	363	349	376	397	414	393	423	447	466	434	467	493	515												
	Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	162												
	MBh	80.0	81.7	87.3	93.3	78.1	79.8	85.3	91.2	76.3	77.9	83.3	89.0	74.4	76.0	81.2	86.8	70.7	72.2	77.2	82.5	65.5	66.9	71.5	76.4												
	S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.56												
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15												
85	3372	kW	5.93	6.05	6.23	6.42	6.36	6.49	6.69	6.90	6.74	6.89	7.10	7.33	7.08	7.23	7.46	7.70	7.37	7.53	7.77	8.02	7.62	7.79	8.04	8.30											
		Amps	16.2	16.5	17.1	17.7	17.4	17.8	18.4	19.0	18.8	19.3	19.9	20.6	20.1	20.5	21.2	21.9	21.3	21.8	22.5	23.3	22.5	23.0	23.8	24.6											
		Hi PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499											
		Lo PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	137	145	123	131	143	152	127	136	148	158											
		MBh	90.8	92.6	97.0	103.4	88.7	90.4	94.7	101.0	86.6	88.3	92.4	98.6	84.5	86.1	90.2	96.2	80.3	81.8	85.7	91.4	74.3	75.8	79.4	84.7											
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78											
	ΔT	24	24	22	19	24	24	23	19	24	24	23	20	23	23	23	20	22	22	22	19	20	21	21	18												
	3000	kW	6.16	6.28	6.48	6.68	6.61	6.75	6.96	7.18	7.02	7.17	7.39	7.63	7.38	7.53	7.77	8.03	7.68	7.85	8.10	8.36	7.94	8.11	8.38	8.66											
		Amps	16.9	17.3	17.8	18.4	18.2	18.6	19.2	19.9	19.7	20.1	20.8	21.5	21.0	21.5	22.1	22.9	22.3	22.8	23.5	24.4	23.5	24.1	24.9	25.8											
		Hi PR	245	264	279	291	275	296	313	326	313	337	355	371	356	383	405	422	401	431	455	475	443	477	503	525											
Lo PR		107	114	124	133	113	120	132	140	118	125	137	146	124	132	144	153	130	138	150	160	134	143	156	166												
2629	MBh	88.2	89.9	94.1	100.4	86.1	87.8	91.9	98.1	84.1	85.7	89.7	95.7	82.0	83.6	87.6	93.4	77.9	79.4	83.2	88.7	72.2	73.6	77.1	82.2												
	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75												
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	23	22	19												
	kW	6.11	6.24	6.43	6.62	6.56	6.70	6.91	7.13	6.96	7.11	7.34	7.57	7.32	7.47	7.71	7.96	7.62	7.78	8.03	8.30	7.88	8.05	8.31	8.58												
	Amps	16.7	17.1	17.7	18.3	18.0	18.4	19.0	19.7	19.5	20.0	20.6	21.3	20.8	21.3	21.9	22.7	22.1	22.6	23.3	24.2	23.3	23.9	24.6	25.6												
	Hi PR	243	261	276	288	272	293	309	323	310	333	352	367	353	380	401	418	397	427	451	470	438	472	498	520												
Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164													
80	2629	MBh	81.4	83.0	86.9	92.7	79.5	81.0	84.9	90.5	77.6	79.1	82.8	88.4	75.7	77.2	80.8	86.2	71.9	73.3	76.8	81.9	66.6	67.9	71.1	75.9											
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72											
		ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19											
		kW	5.97	6.09	6.28	6.47	6.41	6.54	6.74	6.96	6.80	6.94	7.16	7.39	7.14	7.29	7.52	7.77	7.43	7.59	7.83	8.09	7.68	7.85	8.10	8.37											
		Amps	16.3	16.7	17.2	17.8	17.6	18.0	18.5	19.2	19.0	19.4	20.0	20.8	20.2	20.7	21.4	22.1	21.5	22.0	22.7	23.5	22.7	23.2	24.0	24.9											
		Hi PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504											
Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	124	132	145	154	129	137	149	159													

EXPANDED COOLING DATA — Two DZ13SA060* / DAT1204*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	111.7	115.8	126.9	-	109.1	113.1	123.9	-	106.5	110.4	121.0	-	103.9	107.7	118.0	-	98.7	102.3	112.1	-	91.4	94.8	103.8	-	88.8	92.0	100.8	-	85.8	89.0	97.8	-				
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-				
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	17	15	11	-	16	14	10	-				
	kW	7.88	8.03	8.26	-	8.43	8.60	8.85	-	8.92	9.10	9.37	-	9.35	9.54	9.83	-	9.72	9.92	10.23	-	10.03	10.24	10.56	-	9.96	10.16	10.48	-	10.03	10.24	10.56	-				
	Amps	16.8	17.2	17.9	-	18.3	18.8	19.4	-	20.0	20.5	21.2	-	21.4	22.0	22.8	-	22.9	23.5	24.3	-	24.3	25.0	25.9	-	24.1	24.7	25.6	-	24.3	25.0	25.9	-				
	Hi PR	226	243	257	-	254	273	288	-	288	310	328	-	328	353	373	-	369	398	420	-	408	439	464	-	404	435	459	-	392	422	446	-				
	Lo PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-	126	135	147	-	128	136	148	-				
	MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-	85.8	89.0	97.8	-	82.8	86.0	94.8	-				
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-				
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	18	15	12	-	17	14	11	-				
75	kW	7.82	7.97	8.20	-	8.37	8.53	8.79	-	8.85	9.03	9.30	-	9.28	9.47	9.76	-	9.64	9.84	10.15	-	9.96	10.16	10.48	-	9.96	10.16	10.48	-	9.84	10.04	10.36	-				
	Amps	16.7	17.1	17.7	-	18.1	18.6	19.2	-	19.8	20.3	21.0	-	21.2	21.8	22.5	-	22.7	23.3	24.1	-	24.1	24.7	25.6	-	24.1	24.7	25.6	-	23.6	24.2	25.1	-				
	Hi PR	224	241	254	-	251	270	285	-	285	307	324	-	325	350	370	-	366	394	416	-	404	435	459	-	404	435	459	-	392	422	446	-				
	Lo PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	126	135	147	-	126	135	147	-	122	130	142	-				
	MBh	100.1	103.8	113.7	-	97.8	101.3	111.0	-	95.4	98.9	108.4	-	93.1	96.5	105.7	-	88.5	91.7	100.5	-	81.9	84.9	93.1	-	78.8	81.8	90.6	-	73.8	76.8	85.6	-				
	S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-				
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-				
	kW	7.65	7.80	8.02	-	8.18	8.34	8.59	-	8.65	8.82	9.09	-	9.07	9.25	9.53	-	9.42	9.61	9.91	-	9.72	9.92	10.23	-	9.72	9.92	10.23	-	9.60	9.80	10.10	-				
	Amps	16.2	16.6	17.2	-	17.6	18.0	18.7	-	19.2	19.7	20.4	-	20.6	21.1	21.9	-	22.0	22.6	23.4	-	23.4	24.0	24.9	-	23.4	24.0	24.9	-	23.4	24.0	24.9	-				
	Hi PR	217	234	247	-	243	262	277	-	277	298	315	-	315	339	358	-	355	382	403	-	392	422	446	-	392	422	446	-	380	410	434	-				
Lo PR	98	104	114	-	104	110	120	-	108	115	125	-	113	120	131	-	119	126	138	-	123	131	143	-	123	131	143	-	119	126	138	-					
4496	MBh	113.6	117.0	126.6	135.9	111.0	114.2	123.7	132.7	108.3	111.5	120.7	129.6	105.7	108.8	117.8	126.4	100.4	103.4	111.9	120.1	93.0	95.7	103.6	111.2	88.5	91.7	100.5	-	85.8	89.0	97.8	-				
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	0.93	0.83	0.63	0.40	0.92	0.83	0.63	0.40				
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	18	16	12	-	18	15	11	-				
	kW	7.94	8.09	8.32	8.57	8.49	8.66	8.92	9.19	8.99	9.17	9.45	9.74	9.42	9.62	9.91	10.22	9.79	10.00	10.31	10.63	10.11	10.33	10.65	10.99	10.11	10.33	10.65	-	9.96	10.16	10.48	-				
	Amps	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.4	20.2	20.7	21.4	22.3	21.6	22.2	23.0	23.9	23.1	23.7	24.6	25.6	24.6	25.2	26.1	27.2	24.6	25.2	26.1	-	24.6	25.2	26.1	-				
	Hi PR	228	246	259	271	256	276	291	304	291	313	331	345	332	357	377	393	373	402	424	442	412	444	469	489	412	444	469	-	408	439	464	-				
	Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160	129	137	150	-	129	137	150	-				
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0	88.5	91.7	100.5	-	85.8	89.0	97.8	-				
	S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40	0.92	0.83	0.63	0.40	0.92	0.83	0.63	0.40				
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	11	19	18	14	10	19	17	13	-	19	16	12	-				
4000	kW	7.88	8.03	8.26	8.51	8.43	8.60	8.85	9.12	8.92	9.10	9.38	9.66	9.35	9.54	9.84	10.14	9.72	9.92	10.23	10.55	10.04	10.25	10.56	10.90	10.04	10.25	10.56	-	9.96	10.16	10.48	-				
	Amps	16.8	17.3	17.9	18.6	18.3	18.8	19.4	20.2	20.0	20.5	21.2	22.1	21.4	22.0	22.8	23.7	22.9	23.5	24.3	25.3	24.3	25.0	25.9	26.9	24.3	25.0	25.9	-	24.3	25.0	25.9	-				
	Hi PR	226	243	257	268	254	273	288	301	288	310	328	342	328	353	373	389	370	398	420	438	408	439	464	484	408	439	464	-	408	439	464	-				
	Lo PR	102	109	119	126	108	115	125	134	112	119	130	139	118	125	137	146	124	131	143	153	128	136	148	158	128	136	148	-	128	136	148	-				
	MBh	101.8	104.8	113.5	121.8	99.4	102.4	110.8	118.9	97.1	99.9	108.2	116.1	94.7	97.5	105.5	113.3	90.0	92.6	100.3	107.6	83.3	85.8	92.9	99.7	83.3	85.8	92.9	-	80.8	84.0	92.8	-				
	S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	0.89	0.80	0.60	-	0.89	0.80	0.60	0.39				
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	11	19	18	15	10	19	17	13	-	19	16	12	-				
	kW	7.71	7.85	8.08	8.32	8.24	8.41	8.65	8.91	8.72	8.89	9.16	9.44	9.14	9.32	9.61	9.90	9.49	9.69	9.98	10.30	9.80	10.00	10.31	10.64	9.80	10										

EXPANDED COOLING DATA — Two DZ13SA060* / DAT1204* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	115.6	118.1	126.2	134.9	112.9	115.4	123.3	131.8	110.2	112.7	120.4	128.7	107.6	109.9	117.4	125.5	102.2	104.4	111.5	119.2	94.6	96.7	103.3	110.5
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
	ΔT	22	21	18	15	22	21	18	15	23	21	18	15	22	21	19	15	21	21	18	15	19	20	17	14
	kW	7.99	8.15	8.39	8.63	8.56	8.73	8.99	9.26	9.06	9.24	9.52	9.82	9.50	9.69	9.99	10.30	9.87	10.08	10.39	10.72	10.19	10.41	10.73	11.08
	Amps	17.1	17.6	18.2	18.9	18.6	19.1	19.8	20.6	20.4	20.9	21.6	22.5	21.9	22.4	23.2	24.2	23.4	24.0	24.8	25.8	24.8	25.5	26.4	27.4
	Hi PR	231	248	262	273	259	278	294	307	294	317	334	349	335	361	381	397	377	406	428	447	417	448	473	494
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
	MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2
	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	18	14
3505	kW	7.94	8.09	8.32	8.57	8.50	8.66	8.92	9.19	8.99	9.17	9.45	9.74	9.42	9.62	9.91	10.22	9.80	10.00	10.31	10.63	10.11	10.33	10.65	10.99
	Amps	17.0	17.4	18.0	18.8	18.5	18.9	19.6	20.4	20.2	20.7	21.4	22.3	21.7	22.2	23.0	23.9	23.1	23.7	24.6	25.6	24.6	25.2	26.1	27.2
	Hi PR	228	246	259	271	256	276	291	304	291	314	331	345	332	357	377	393	373	402	424	442	412	444	469	489
	Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160
	MBh	103.6	105.9	113.1	120.9	101.2	103.4	110.5	118.1	98.8	100.9	107.9	115.3	96.4	98.5	105.2	112.5	91.6	93.6	100.0	106.9	84.8	86.7	92.6	99.0
	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
	ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	21	19	22	21	18	14
	kW	7.76	7.91	8.14	8.38	8.31	8.47	8.72	8.98	8.78	8.96	9.23	9.51	9.21	9.39	9.68	9.98	9.57	9.76	10.06	10.38	9.88	10.08	10.39	10.72
	Amps	16.5	16.9	17.5	18.2	17.9	18.4	19.0	19.8	19.6	20.1	20.8	21.6	21.0	21.6	22.3	23.2	22.5	23.0	23.8	24.8	23.9	24.5	25.4	26.4
	Hi PR	221	238	252	262	248	267	282	294	283	304	321	335	322	346	366	381	362	390	411	429	400	431	455	474
	Lo PR	100	107	116	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	145	155
85	MBh	117.6	119.9	125.6	134.0	114.9	117.1	122.7	130.9	112.2	114.3	119.8	127.8	109.4	111.6	116.8	124.6	104.0	106.0	111.0	118.4	96.3	98.2	102.8	109.7
	S/T	0.97	0.94	0.84	0.69	1.00	0.97	0.88	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	ΔT	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18
	kW	8.05	8.21	8.45	8.70	8.62	8.79	9.06	9.33	9.13	9.31	9.59	9.89	9.57	9.77	10.07	10.39	9.95	10.16	10.47	10.80	10.27	10.49	10.82	11.17
	Amps	17.3	17.8	18.4	19.1	18.8	19.3	20.0	20.8	20.6	21.1	21.8	22.7	22.1	22.6	23.4	24.4	23.6	24.2	25.1	26.1	25.1	25.7	26.6	27.7
	Hi PR	233	251	265	276	261	281	297	310	297	320	338	352	338	364	385	401	381	410	433	451	421	453	478	499
	Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
	MBh	114.2	116.4	121.9	130.1	111.6	113.7	119.1	127.1	108.9	111.0	116.3	124.0	106.2	108.3	113.4	121.0	100.9	102.9	107.8	115.0	93.5	95.3	99.8	106.5
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	23	24	23	20	21	22	21	18
3505	kW	7.99	8.15	8.39	8.63	8.56	8.73	8.99	9.26	9.06	9.24	9.52	9.82	9.50	9.69	9.99	10.30	9.87	10.08	10.39	10.72	10.19	10.41	10.73	11.08
	Amps	17.1	17.6	18.2	18.9	18.6	19.1	19.8	20.6	20.4	20.9	21.6	22.5	21.9	22.4	23.2	24.2	23.4	24.0	24.8	25.8	24.8	25.5	26.4	27.4
	Hi PR	231	248	262	273	259	278	294	307	294	317	334	349	335	361	381	397	377	406	428	447	417	448	473	494
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
	MBh	105.4	107.5	112.5	120.1	103.0	105.0	109.9	117.3	100.5	102.5	107.3	114.5	98.1	100.0	104.7	111.7	93.2	95.0	99.5	106.1	86.3	88.0	92.1	98.3
	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.91	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	23	23	23	19
	kW	7.82	7.97	8.20	8.44	8.37	8.53	8.78	9.05	8.85	9.03	9.30	9.59	9.28	9.47	9.76	10.06	9.64	9.84	10.14	10.46	9.95	10.16	10.48	10.81
	Amps	16.7	17.1	17.7	18.4	18.1	18.6	19.2	20.0	19.8	20.3	21.0	21.8	21.2	21.8	22.5	23.4	22.7	23.3	24.1	25.0	24.1	24.7	25.6	26.6
	Hi PR	224	241	254	265	251	270	285	297	285	307	324	338	325	350	369	385	366	394	416	433	404	435	459	479
	Lo PR	101	108	117	125	107	114	124	132	111	118	129	137	117	124	135	144	122	130	142	151	126	135	147	156

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

Shaded area reflects AHRI conditions

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

EXPANDED HEATING DATA — DZ11SA

DZ11SA0903** / DAR0904A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	103.1	97.6	91.8	85.9	82.0	79.5	73.8	68.1	74.8	69.0	63.5	60.0	57.8	51.8	46.0	40.1	34.2	28.0
T/R	29.9	28.3	26.6	24.9	23.8	23.0	21.4	19.7	21.7	20.0	18.4	17.4	16.8	15.0	13.3	11.6	9.9	8.1
kW	7.91	7.76	7.61	7.46	7.38	7.31	7.17	7.02	7.83	7.65	7.48	7.38	7.31	7.13	6.96	6.79	6.61	6.44
Amps	19.1	18.7	18.4	18.1	17.9	17.8	17.6	17.4	17.2	17.1	16.9	16.8	16.8	16.6	16.4	16.2	16.0	15.8
COP	3.82	3.68	3.53	3.37	3.25	3.18	3.01	2.84	2.80	2.64	2.49	2.38	2.31	2.13	1.93	1.73	1.51	1.27
EER	13.0	12.6	12.1	11.5	11.1	10.9	10.3	9.7	9.6	9.0	8.5	8.1	7.9	7.3	6.6	5.9	5.2	4.3
HI PR	383	368	353	338	330	324	311	299	286	273	262	256	251	242	233	223	215	208
LO PR	132	123	115	105	100	96	88	79	71	63	56	52	50	42	36	31	27	21

DZ11SA0904** / DAR0904A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	103.1	97.6	91.8	85.9	82.0	79.5	73.8	68.1	74.8	69.0	63.5	60.0	57.8	51.8	46.0	40.1	34.2	28.0
T/R	29.9	28.3	26.6	24.9	23.8	23.0	21.4	19.7	21.7	20.0	18.4	17.4	16.8	15.0	13.3	11.6	9.9	8.1
kW	7.91	7.76	7.61	7.46	7.38	7.31	7.17	7.02	7.83	7.65	7.48	7.38	7.31	7.13	6.96	6.79	6.61	6.44
Amps	34.0	34.6	35.1	35.6	35.8	35.9	36.3	36.6	36.8	37.1	37.3	37.5	37.5	37.8	38.1	38.3	38.6	39.0
COP	3.82	3.68	3.53	3.37	3.25	3.18	3.01	2.84	2.80	2.64	2.49	2.38	2.31	2.13	1.93	1.73	1.51	1.27
EER	13.0	12.6	12.1	11.5	11.1	10.9	10.3	9.7	9.6	9.0	8.5	8.1	7.9	7.3	6.6	5.9	5.2	4.3
HI PR	383	368	353	338	330	324	311	299	286	273	262	256	251	242	233	223	215	208
LO PR	132	123	115	105	100	96	88	79	71	63	56	52	50	42	36	31	27	21

DZ11SA1203** / DAR1204A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	125.7	119.0	112.0	104.7	100.0	96.9	90.0	83.0	74.8	69.0	63.5	60.0	57.8	51.8	46.0	40.1	34.2	28.0
T/R	30.7	29.0	27.3	25.5	24.4	23.6	21.9	20.2	18.2	16.8	15.5	14.6	14.1	12.6	11.2	9.8	8.3	6.8
kW	9.57	9.39	9.22	9.04	8.94	8.87	8.70	8.53	9.47	9.26	9.06	8.94	8.86	8.66	8.45	8.25	8.05	7.85
Amps	46.0	44.1	42.5	41.1	40.3	39.9	38.8	37.8	37.0	36.2	35.4	35.0	34.8	34.1	33.1	32.3	31.3	30.1
COP	3.85	3.71	3.56	3.39	3.27	3.20	3.03	2.85	2.31	2.18	2.05	1.96	1.91	1.75	1.59	1.42	1.24	1.05
EER	13.1	12.7	12.2	11.6	11.2	10.9	10.3	9.7	7.9	7.4	7.0	6.7	6.5	6.0	5.4	4.9	4.3	3.6
HI PR	374	358	344	329	322	315	303	291	279	266	256	249	245	236	227	217	210	202
LO PR	125	116	108	99	94	90	83	74	67	60	52	49	47	40	34	29	25	20

DZ11SA1204** / DAR1204A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	125.7	119.0	112.0	104.7	100.0	96.9	90.0	83.0	74.8	69.0	63.5	60.0	57.8	51.8	46.0	40.1	34.2	28.0
T/R	30.7	29.0	27.3	25.5	24.4	23.6	21.9	20.2	18.2	16.8	15.5	14.6	14.1	12.6	11.2	9.8	8.3	6.8
kW	9.57	9.39	9.22	9.04	8.94	8.87	8.70	8.53	9.47	9.26	9.06	8.94	8.86	8.66	8.45	8.25	8.05	7.85
Amps	91.2	87.3	84.2	81.5	80.0	79.2	76.9	75.0	73.5	71.9	70.3	69.6	69.2	67.7	65.7	64.2	62.3	59.9
COP	3.85	3.71	3.56	3.39	3.27	3.20	3.03	2.85	2.31	2.18	2.05	1.96	1.91	1.75	1.59	1.42	1.24	1.05
EER	13.1	12.7	12.2	11.6	11.2	10.9	10.3	9.7	7.9	7.4	7.0	6.7	6.5	6.0	5.4	4.9	4.3	3.6
HI PR	374	358	344	329	322	315	303	291	279	266	256	249	245	236	227	217	210	202
LO PR	125	116	108	99	94	90	83	74	67	60	52	49	47	40	34	29	25	20

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

EXPANDED HEATING DATA — TWO-SPEED SYSTEMS

TWO DZ13SA048* + DAT0904*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	103.1	97.6	91.8	85.9	82.0	79.5	73.8	68.1	64.8	59.8	55.1	52.0	50.1	44.9	39.8	34.7	29.6	24.3
T/R	31.8	30.1	28.3	26.5	25.3	24.5	22.8	21.0	20.0	18.5	17.0	16.0	15.5	13.9	12.3	10.7	9.1	7.5
kW	7.82	7.67	7.52	7.37	7.28	7.22	7.07	6.92	7.04	6.88	6.72	6.63	6.57	6.41	6.25	6.09	5.93	5.78
Amps	27.3	25.4	23.8	22.4	21.6	21.2	20.1	19.1	18.3	17.5	16.7	16.3	16.1	15.3	14.4	13.6	12.6	11.4
COP	3.86	3.72	3.57	3.41	3.30	3.22	3.06	2.88	2.69	2.54	2.40	2.30	2.23	2.05	1.86	1.67	1.46	1.23
EER	13.2	12.7	12.2	11.7	11.3	11.0	10.4	9.8	9.2	8.7	8.2	7.8	7.6	7.0	6.4	5.7	5.0	4.2
HI PR	439	421	405	387	378	371	356	342	328	313	300	293	288	277	266	255	246	238
LO PR	138	128	120	110	104	100	92	82	74	66	58	54	52	44	38	32	28	22

TWO DZ13SA060* + DAT1204*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	138.3	130.9	123.2	115.2	110.0	106.6	99.0	91.3	87.2	80.5	74.1	70.0	67.4	60.5	53.6	46.8	39.9	32.7
T/R	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	20.2	18.6	17.2	16.2	15.6	14.0	12.4	10.8	9.2	7.6
kW	10.46	10.26	10.06	9.86	9.75	9.67	9.48	9.28	9.44	9.23	9.03	8.91	8.83	8.62	8.41	8.21	8.00	7.80
Amps	34.1	31.5	29.3	27.4	26.4	25.8	24.3	22.9	21.9	20.8	19.7	19.2	18.9	17.9	16.5	15.5	14.1	12.5
COP	3.87	3.73	3.58	3.42	3.30	3.23	3.06	2.88	2.70	2.55	2.40	2.30	2.24	2.05	1.86	1.67	1.46	1.23
EER	13.2	12.8	12.2	11.7	11.3	11.0	10.4	9.8	9.2	8.7	8.2	7.9	7.6	7.0	6.4	5.7	5.0	4.2
HI PR	453	434	417	399	389	382	367	352	338	322	310	302	297	285	275	263	254	245
LO PR	132	122	115	105	99	96	88	78	71	63	55	52	50	42	36	31	27	21

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

TWO-SPEED AIR HANDLER NOTES

- For 7½-ton two-speed air handler: unit is circuited with two 4-ton heat pump systems.
- For 10-ton two-speed air handler: unit is circuited with two 5-ton heat pump systems.
- For technical details regarding the DZ13SA and DAT series product specifications, go to: <http://daikincomfort.com/commercial/split-systems>

AHRI PERFORMANCE RATINGS — DZ11SA

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (BTU/H)			AHRI #
		TOTAL	SENSIBLE	EER ¹	
DZ11SA0903A*	DAR0904A*	82,000/ 87,000	60,800/ 64,500	11.0	6334519
DZ11SA0904A*	DAR0904A*	87,000	64,500	11.0	6334518
DZ11SA1203A*	DAR1204A*	100,000/ 110,000	72,600/ 79,860	11.0	6334517
DZ11SA1204A*	DAR1204A*	110,000	79,860	11.0	6334516

¹ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

AHRI PERFORMANCE RATINGS — TWO-SPEED SYSTEMS

OUTDOOR UNIT	INDOOR UNIT	DESCRIPTION	COOLING CAPACITY*	EER ¹	IEER ²	HEATING (47F)	COP (47F)	HEATING (17F)	COP (17F)	CFM	AHRI #
Two DZ13SA0483**	DAT09043**	208/230V, 3-Phase 7.5-Ton Capacity	88,000/ 88,000	11.5 / 11.5	14.0/ 14.0	82,000/ 82,000	3.3/ 3.3	52,000/ 52,000	2.3/ 2.3	3,000	7500108
Two DZ13SA0484**	DAT09044**	460V, 3-Phase 7.5-Ton Capacity	88,000	11.5	14.0	82,000	3.3	52,000	2.3	3,000	7500109
Two DZ13SA0603**	DAT12043**	208/230V, 3-Phase 10-Ton Capacity	114,000/ 114,000	11.5 / 11.5	13.0/ 13.0	110,000/ 110,000	3.3/ 3.3	70,000/ 70,000	2.3/ 2.3	4,000	7500110
Two DZ13SA0604**	DAT12044**	460V, 3-Phase 10-Ton Capacity	114,000	11.5	13.0	110,000	3.3	70,000	2.3	4,000	7500111

* BTU/h

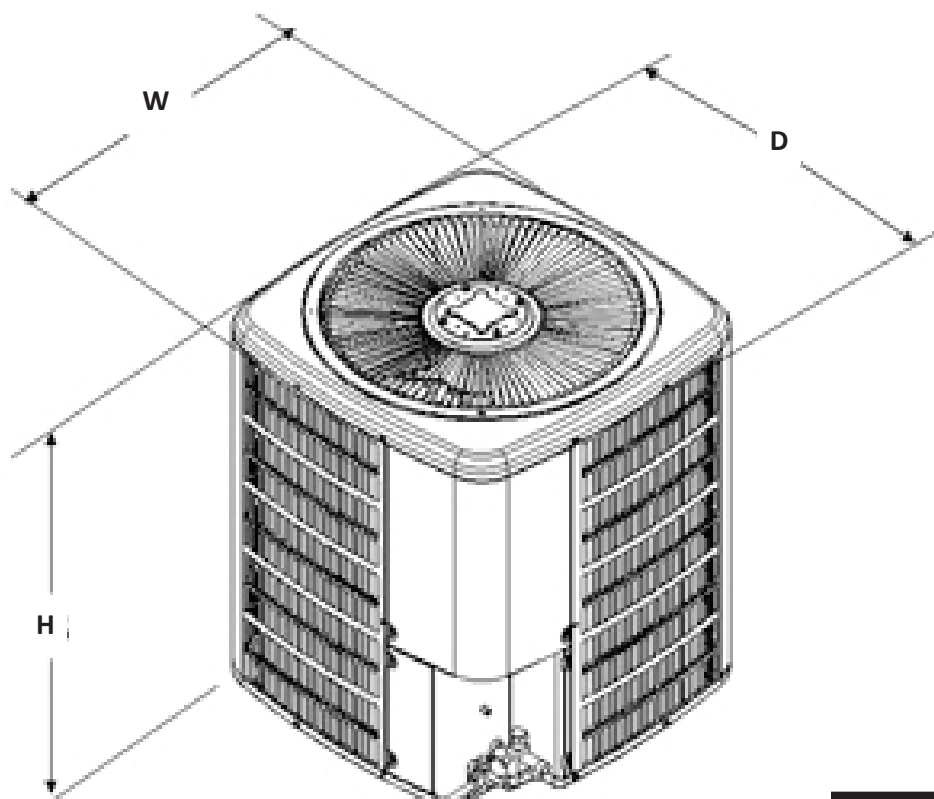
¹ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

² Integrated Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

TWO-SPEED AIR HANDLER NOTES

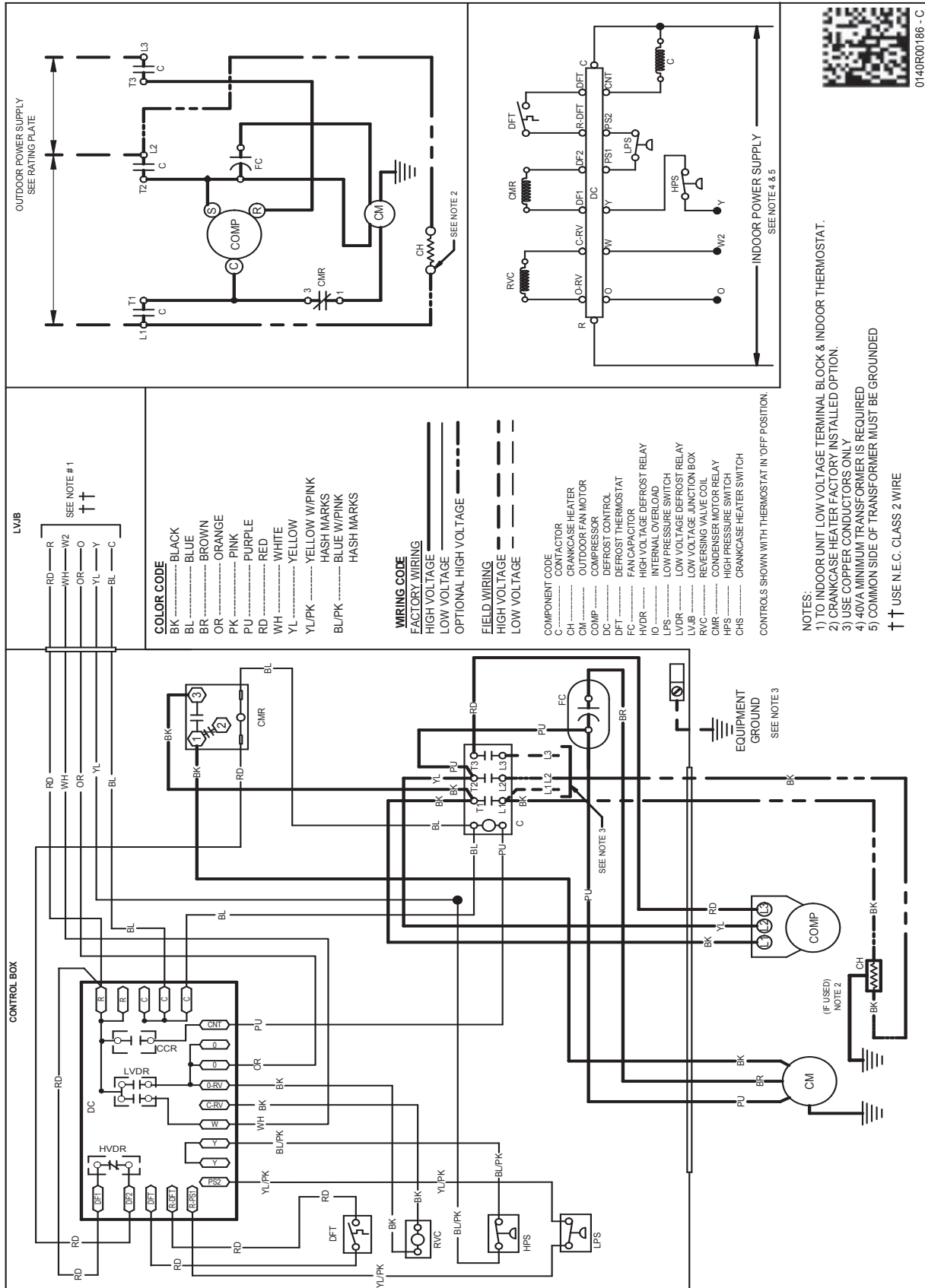
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- For technical details regarding the DZ13SA and DAT series product specifications, go to: <http://daikincomfort.com/commercial/split-systems>

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
DZ11SA0903A*	35½	35½	37½
DZ11SA0904A*	35½	35½	37½
DZ11SA1203A*	35½	35½	41½
DZ11SA1204A*	35½	35½	41½

WIRING DIAGRAM — DZ11SA(090-120)3**/4**



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



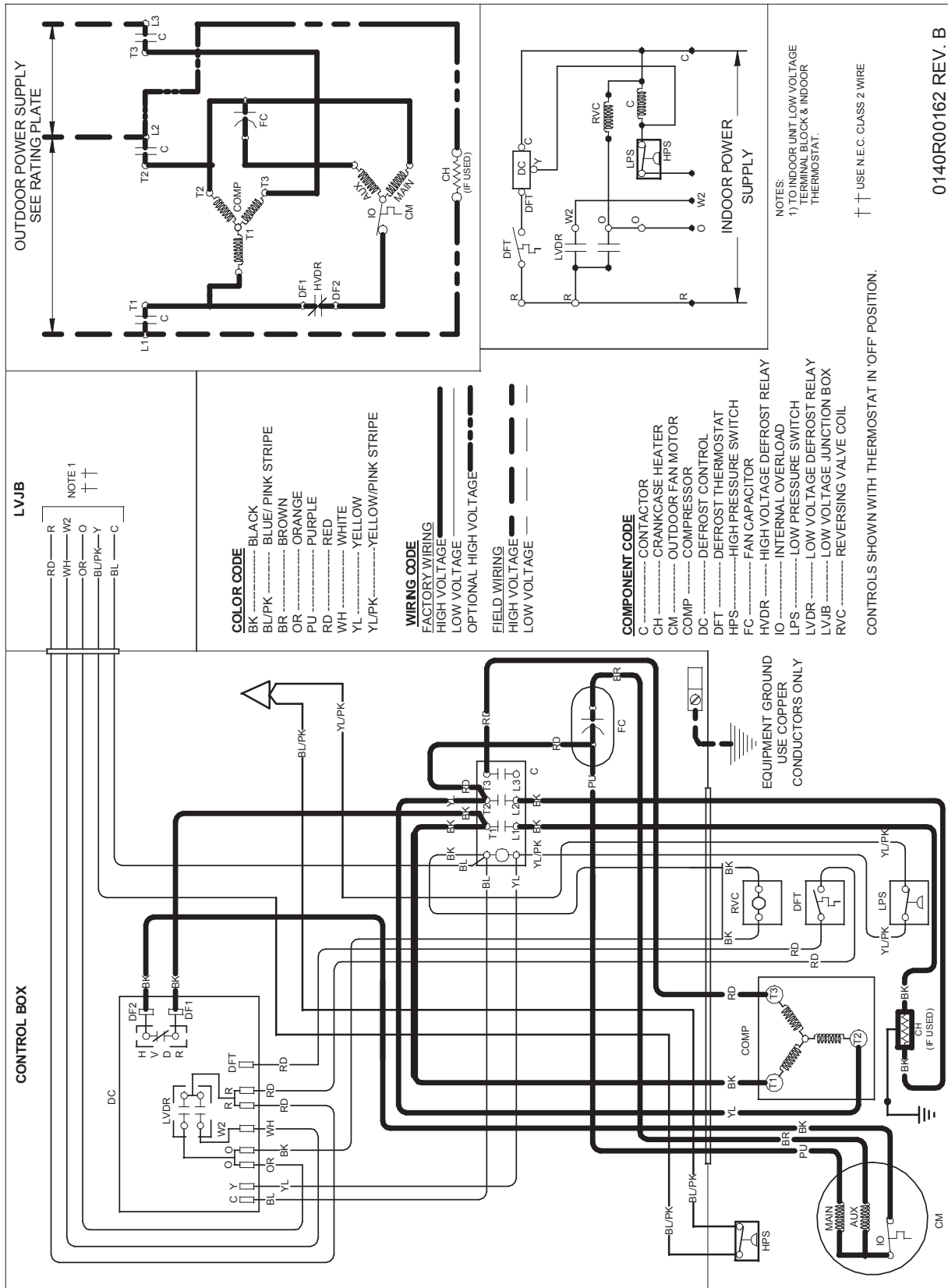
WARNING

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.



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WIRING DIAGRAM — DZ13SA(048-060)3**/4**



Wiring is subject to change. Always refer to the wiring diagram or 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.

ACCESSORIES — DZ11SA

ITEM #	DESCRIPTION
ABK-20	Anchor Bracket Kit [◊]
AFE18-60A	All-fuel Kit
FSK01A ¹	Freeze Protection Kit
OT18-60A ²	Outdoor Thermostat with Lockout Stat

[◊] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0 °F with 50% or higher relative humidity.

NOTES

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