



DZ11S COMMERCIAL

7.5- & 10-TON, THREE-PHASE
SPLIT SYSTEM HEAT PUMP
11 EER / 3.3 COP / R-410A



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■ Standard Features

- Energy-efficient compressor 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

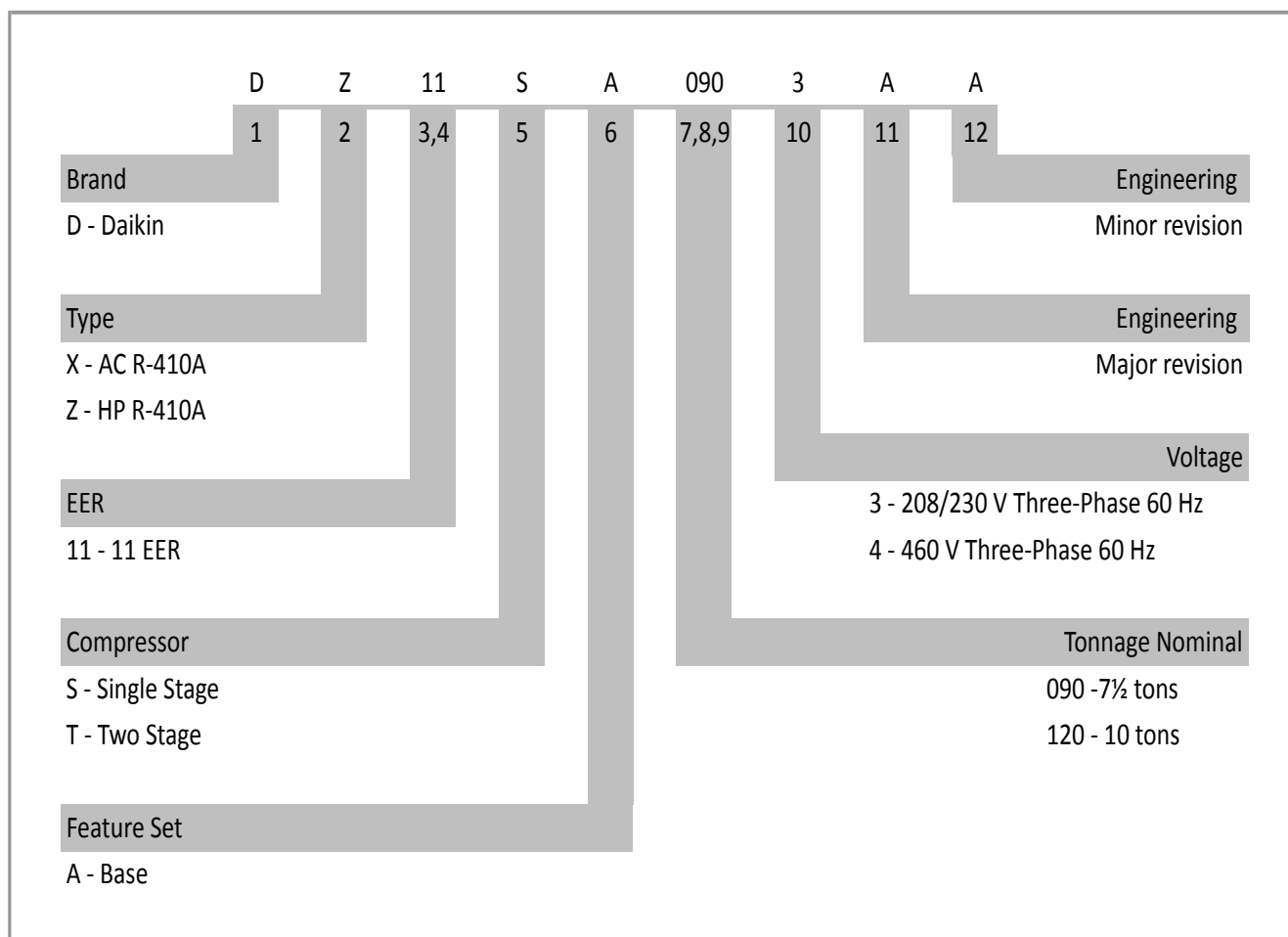
■ Cabinet Features

- Innovative sound control top design
- 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



SPECIFICATIONS

	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.)	3/8"	3/8"	3/8"	3/8"
Suction Connection Valve Size ("O.D.)	1 1/8"	1 1/8"	1 3/8"	1 3/8"
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	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
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 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.

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	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	
		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	1.00	0.98	0.91	0.74	0.55	0.98	0.92	0.75	0.56
		ΔT	22	21	18	15	22	21	19	15	22	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14
	3192	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	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	33.4	33.9	34.6	35.5	34.7	35.2	36.0	36.9
		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	
	3600	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	
	85	2800	ΔT	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	20	20	17	14
			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	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
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	
		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	
3600		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	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	23	22	19	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	
85		3192	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
			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
85	3600	MBh	89.8	91.5	95.8	102.3	87.7	89.4	93.6	99.9	85.6	87.3	91.4	97.5	83.5	85.1	89.2	95.1	79.3	80.9	84.7	90.4	73.5	74.9	78.5	83.7	
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
		ΔT	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	21	21	18	19	19	17	14	
85	3600	kW	6.46	6.59	6.79	6.99	6.93	7.07	7.28	7.50	7.34	7.49	7.72	7.96	7.70	7.86	8.10	8.36	8.00	8.17	8.43	8.70	8.27	8.44	8.71	8.99	
		Amps	28.8	29.2	29.8	30.4	30.2	30.6	31.2	31.9	31.7	32.2	32.9	33.6	33.1	33.6	34.3	35.1	34.4	35.0	35.7	36.6	35.7	36.3	37.1	38.1	
		HI PR	227	245	258	269	255	274	290	302	290	312	330	344	330	355	375	391	372	400	422	440	411	442	466	487	
85	3600	LO PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	

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

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

IDB		OUTDOOR AMBIENT TEMPERATURE																AIRFLOW								
		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
2800		ENTERING INDOOR WET BULB TEMPERATURE																								
		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	0.98	0.92	0.75	0.56
		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
3275		ENTERING INDOOR WET BULB TEMPERATURE																								
		MBh	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
		kW	56.0	56.3	56.9	57.5	57.2	57.6	58.2	58.9	58.7	59.2	59.8	60.5	60.0	60.5	61.1	61.9	61.3	61.8	62.5	63.3	62.5	63.1	63.8	64.7
		Amps	216	233	246	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	444	463
3600		ENTERING INDOOR WET BULB TEMPERATURE																								
		MBh	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160
		S/T	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
		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
80		ENTERING INDOOR WET BULB TEMPERATURE																								
		MBh	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
		kW	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
		Amps	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477
85		ENTERING INDOOR WET BULB TEMPERATURE																								
		MBh	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165
		S/T	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
		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
2800		ENTERING INDOOR WET BULB TEMPERATURE																								
		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	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	22	21	18
3275		ENTERING INDOOR WET BULB TEMPERATURE																								
		MBh	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
		kW	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
		Amps	218	235	248	259	245	264	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
3600		ENTERING INDOOR WET BULB TEMPERATURE																								
		MBh	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
		S/T	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
		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
85		ENTERING INDOOR WET BULB TEMPERATURE																								
		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
85		ENTERING INDOOR WET BULB TEMPERATURE																								
		MBh	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
		kW	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
		Amps	226	243	256	267	253	272	288	300	288	310	327	341	328	353	373	389	369	397	419	437	408	439	463	483

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

Shaded area reflects AHRI (TVA) conditions

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

EXPANDED COOLING DATA — DZ11SA1203A* / DAR1204A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	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	-	
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
	3797	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	-	
		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	-	
		HI PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	
	4275	LO PR	101	108	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	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	-	
		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	-	
	75	3325	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	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	-
			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	-
3797		HI PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	413	-	401	432	456	-	
		LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	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	-	
4275		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	-	
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	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	-	
75		3325	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	-
			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
			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
	3797	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	
		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	
		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	
	4275	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	
		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	
		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	
	4275	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	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	
		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	
4275	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10		
	kW	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		
	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		
4275	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		
	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		

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

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	3325	MBh	100.0	102.2	109.1	116.7	97.7	99.8	106.6	114.0	95.3	97.4	104.1	111.2	93.0	95.0	101.5	108.5	88.4	90.3	96.5	103.1	81.8	83.6	89.3	95.5	
		S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	
		ΔT	23	22	19	15	23	22	19	16	23	22	20	16	24	23	20	16	23	22	19	15	22	21	18	14	
	3797	kW	8.18	8.33	8.57	8.83	8.75	8.92	9.19	9.46	9.26	9.44	9.73	10.03	9.70	9.90	10.21	10.52	10.08	10.29	10.61	10.94	10.41	10.63	10.96	11.31	
		Amps	39.8	40.3	41.0	41.8	41.5	42.0	42.8	43.7	43.4	44.0	44.9	45.8	45.1	45.7	46.6	47.7	46.8	47.5	48.4	49.5	48.4	49.1	50.1	51.3	
		HI PR	220	237	250	261	247	265	280	292	281	302	319	332	320	344	363	379	359	387	408	426	397	427	451	471	
	4275	LO PR	103	110	120	128	109	116	127	135	113	120	131	140	119	127	138	147	125	133	145	154	129	137	150	159	
		MBh	108.3	110.7	118.3	126.4	105.8	108.1	115.5	123.5	103.3	105.5	112.8	120.5	100.8	103.0	110.0	117.6	95.7	97.8	104.5	111.7	88.7	90.6	96.8	103.5	
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57	
	85	3325	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
			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
			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
3797		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	
		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	
		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	
4275		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	
		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	
		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	
85		3325	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
			HI PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490
			LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166
85	3797	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	
		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	
		ΔT	23	23	22	19	24	23	22	19	23	23	22	19	23	23	22	19	22	22	22	20	20	20	20	18	
85	4275	kW	8.48	8.65	8.90	9.17	9.09	9.27	9.55	9.84	9.62	9.82	10.11	10.43	10.09	10.30	10.62	10.95	10.49	10.71	11.04	11.39	10.83	11.06	11.41	11.78	
		Amps	40.8	41.3	42.0	42.9	42.6	43.1	43.9	44.8	44.6	45.2	46.1	47.1	46.3	47.0	47.9	49.0	48.1	48.8	49.8	51.0	49.8	50.6	51.6	52.9	
		HI PR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495	
85	4275	LO PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	139	152	162	136	144	157	168	

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

EXPANDED COOLING DATA — DZ11SA1204A* / DAR1204A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	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	-	
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
	3797	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	-	
		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	-	
		HI PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	
	4275	LO PR	101	108	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	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	-	
		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	-	
	75	3325	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	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	-
			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	-
3797		HI PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	413	-	401	432	456	-	
		LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	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	-	
4275		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	-	
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	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	-	
75		3325	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	-
			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
			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
	3797	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	
		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	
		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	
	4275	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	
		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	
		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	
	4275	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	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	
		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	
4275	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10		
	kW	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		
	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	70.5	71.3	72.3	73.5		
4275	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		
	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		

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

EXPANDED HEATING DATA

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.

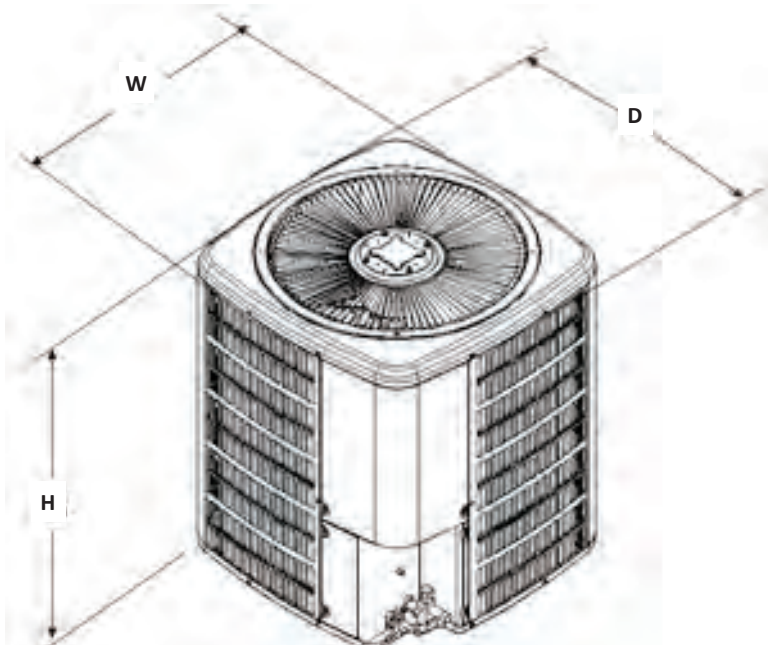
Amps = Outdoor unit amps (comp.+fan)
 kW = Total system power

AHRI PERFORMANCE RATINGS

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

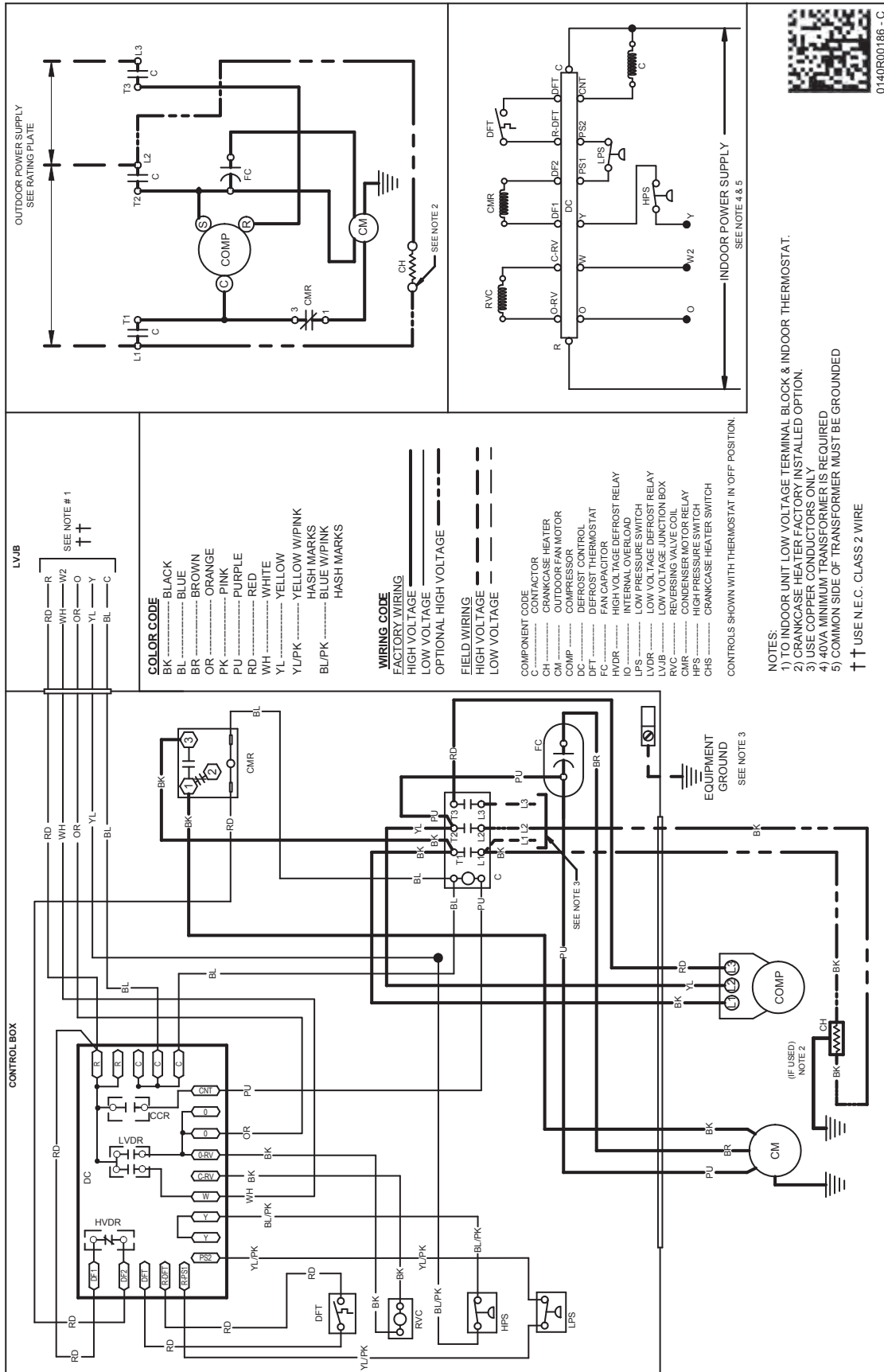
¹ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

DIMENSIONS



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

WIRING DIAGRAM



0140R00186 - C

WARNING

⚡

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

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

ACCESSORIES

ITEM #	DESCRIPTION
ABK-20	Anchor Bracket Kit ⁰
AFE18-60A	All-fuel Kit
FSK01A ¹	Freeze Protection Kit
OT18-60A ²	Outdoor Thermostat with Lockout Stat

⁰ 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.